# Texas Round 3 Wiki Doc

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### Plan---1AC

#### The United States federal government should increase prohibitions on anticompetitive private sector business practices that substantially reduce bargaining power of workers in labor markets.

### Inequality---1AC

#### Increased concentration of buyer power in labor markets drives inequality---only antitrust can address the supply and demand side of wage suppression.

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A détente is especially desirable today in light of the severe stagnation in American wages. In the past thirty-five years, U.S. gross domestic product has all in all grown but the purchasing power of the average worker has barely changed.3 Labor’s share of national income declined precipitously in the 2000s, and in the five years after the Great Recession it was lower than at any point since World War II.4 Because most people get most of their income from labor, and because those who get most of their income from capital tend to be wealthy, this income shift has dramatic consequences for inequality. Economists and policymakers have advanced numerous explanations for this troubling trend ranging from the decline of unions, to tighter monetary policy, to increased trade liberalization, and more.5 One explanation that has received attention in recent years is an apparent epidemic of market concentration and flagging competition.6 A growing body of evidence suggests that over time fewer and fewer firms have come to dominate sectors across the economy.7 One study found that from 1982 to 2012, the share of sales by the sectors’ top four firms increased in manufacturing, finance, services, utilities, retail trade, and wholesale trade.8 Average markups above cost—a manifestation of market power—rose from eighteen percent in 1980 to sixty-seven percent in 2014.9 This increase in concentration is due, in part, to a growing wave of mergers. By one count over 325,000 mergers have been announced since 1985.10 That year, around 2,000 mergers with a value of a little over $300 billion were announced.11 In 2018, 15,000 mergers occurred—valued at just under two trillion dollars.12 The ability of firms to charge prices for their products or services that exceed the competitive level harms workers in their role as consumers, and the reverberating inefficiencies have consequences for wages as well.13 Workers are harmed more directly, though by firms with buyer power in labor markets. Instead of enabling firms to charge high prices for the goods or services they sell, buyer power—also known as monopsony power—allows firms to push wages below the level workers would receive in competitive labor markets. A recent study applied the Herfindahl-Hirschman Index (HHI), which is used to measure market concentration. The Department of Justice (DOJ) and the Federal Trade Commission (FTC) (“the agencies”) used HHI in merger review, and found that at least forty percent of job markets fell into the “highly concentrated” category, making them especially susceptible to anticompetitive behavior by employers.14 The hiring markets for the twenty-five percent most concentrated occupations in almost every commuting zone in the country have concentration levels nearly tripled the “highly concentrated” threshold.15 In commuting zones across middle America, the hiring market for nearly every occupation is highly concentrated.16 As discussed below, a concentrated labor market generally increases the buyer power of participants in that market. Recent research on labor supply elasticity, which is an indicator of vulnerability to employers’ market power, further challenges traditional assumptions of competitiveness in labor markets.17 Historically, antitrust enforcers have given far less attention to firms’ power as buyers than as sellers and have been particularly hesitant to check their power as buyers of labor. However, the tide may be beginning to change. Federal and state enforcers have begun to challenge anticompetitive labor contracts,18 and there is a small but growing body of precedent addressing increased buyer power in mergers.19 In 2016, the Obama Administration’s Council of Economic Advisors issued a report describing the problem of labor market power and encouraging greater attention to the issue by the antitrust enforcement agencies.20 Separately, then-Acting Assistant Attorney General Renata Hesse stated that antitrust enforcement efforts should not only be concerned with the welfare of consumers, but should “also benefit workers, whose wages won’t be driven down by dominant employers with the power to dictate terms of employment.”21 Nevertheless, to date, the agencies have never blocked a merger on the basis of harm to workers. There are many reasons that may account for the dearth of enforcement, including misunderstandings of the relationship between labor and antitrust laws, the momentum of precedent focused on seller-side harms, and the resistance of some to increased antitrust enforcement as a general matter.22 In addition to these practical and ideological impediments, mistaken intuitions about the economics of buyer power create obstacles for enforcement. At first glance it would seem that if firms use their buyer power to lower their costs, downstream customers are ultimately benefitted. Therefore, the consumer welfare standard, which underpins modern antitrust enforcement, would seem to counsel against intervention contrary to buyer power. In most cases, though, this intuition is simply wrong.23 More competitive labor markets are not just good for workers; they are good for consumers too. Clarifying the relevant interests at stake is crucial as policy reforms begin in earnest, and there is reason to believe that such reforms are on the horizon. Several politicians have recently advocated for greater antitrust scrutiny of labor markets. For example, in 2017 Senator Amy Klobuchar introduced a bill that would require the enforcement agencies to pay greater attention to buyer power in merger review.24 Senator Elizabeth Warren—who seeks more interventionist antitrust policy on many fronts25—and Senator Cory Booker—who in 2017 sent a letter to the DOJ and FTC citing concern with the failure of the agencies to address labor market power—have also taken up the cause.26 Labor market issues are also garnering increased attention from antitrust scholars.27 In an article published in 2018, C. Scott Hemphill and Nancy Rose argued for more interventionist merger policy directed at various forms of buyer market power.28 The same year, Suresh Naidu, Eric Posner and Glen Weyl published Antitrust Remedies for Labor Market Power, a sweeping analysis of the myriad options available to enforcers to promote more competitive labor markets.29 This legal analysis has been spurred by a growing body of empirical work on buyer power in labor markets.30 An array of scholars concluded that labor market power is a problem and one that antitrust institutions should do more to address. This paper similarly argues that buyer power—and specifically buyer power in labor markets—deserves greater antitrust scrutiny and, to that end, develops a framework for systematically evaluating labor market power in merger analysis. The enthusiasm of some progressive politicians for more interventionist antitrust policy has drawn skepticism from many antitrust practitioners and scholars who worry that reforms will unmoor antitrust policy from its foundational principles and turn antitrust enforcement over to political whims.31 At least with respect to labor market power, however, economic theory and empirical evidence support increased enforcement without any reform of the basic legal framework and without deviating from substantial consensus about the proper role for antitrust in the economy.

#### Antitrust is key---permissive guidelines enabled the rise in monopsonies, expanding a worker welfare standard to labor markets is key to wage equality.

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Of course, this is not the world in which we live. Even the corner grocery store knows it can raise its prices a little bit without losing all of its customers, which is what the standard competitive theory suggests. More and more, firms have demonstrated high and increasing levels of market power (Philippon 2019; Stiglitz 2019). At the same time, the bargaining power of workers has weakened. It was never an equal match. An employer typically can find an alternative worker far more easily than a worker can find an alternative employer. This is especially so during slack periods in the labor market, or in places where there has been persistent unemployment. Leaving or losing a job is often greatly disruptive to workers and their families. There are mortgages to pay, children to feed, bills coming due. From the perspective of workers, jobs are not easily substitutable. As the chapters in this volume make abundantly clear, this imbalance of market power has consequences. It enables firms to raise prices for goods and services—lowering the real incomes of workers. It enables firms to suppress wages of workers below what they would be in a competitive marketplace—contributing to the inequality crisis facing the country. This economic inequality gets translated into political inequality, especially in our money-driven politics, resulting in rules that evermore favor big corporations at the expense of workers. The growing political inequality, in turn, hampers economic performance, and ensures that most of the benefits of our anemic economic growth go to those at the very top (Stiglitz 2012). In the middle of the 20th century, John K. Galbraith (1952) described an economy based on countervailing power—where labor institutions and government checked the power of large corporations and financial institutions. But policy choices over the past half century have upset this balance in ways that have weakened not only the workers, but also the economy and the country. This volume explores what has happened by concentrating on one understudied part of the problem: the labor market. Explaining the Weakening of Workers’ Bargaining Power Multiple factors have contributed to the weakening of workers’ bargaining position. This volume focuses specifically on the ways that employers have increased their market power over workers. Employer Concentration Permissive antitrust enforcement has promoted concentration across industries, reducing the number of employers—particularly those in rural areas (Stiglitz 2016).1 With few alternatives, workers must accept the low wages that large local employers offer. More precisely, limited competition by buyers—in this case, employers who buy labor services—gives rise to monopsony power.2 Any firm with monopsony power knows that if it hires more workers, it will drive up the wage. The marginal cost of hiring an additional worker is thus greater than the wage. The result is lower employment and lower wages than if there were a competitive labor market. The chapter by Marinescu in this volume forcefully documents the degree of monopsony in labor markets across the United States, especially in rural areas—areas where, not surprisingly, wages lag behind the rest of the country. Collusion Typically there is some, but limited, competition in the labor market, but it is competition that is insufficient to achieve anything approximating what would emerge in a truly competitive marketplace. But employers often do not like even this limited competition, because even some competition means that wages are higher than they would be with no competition. Thus, firms sometimes collude to not compete; and that collusion drives down wages. The incentives for firms to do this—if they can get away with it—are obvious: collusion has been a feature of capitalism from the start. As Adam Smith observed in The Wealth of Nations, “Masters are always and everywhere in a sort of tacit, but constant and uniform, combination, not to raise the wages of labour above their actual rate. . . . Masters, too, sometimes enter into particular combinations to sink the wages of labour even below this rate. These are always conducted with the utmost silence and secrecy” (Smith 1776, book 1, chap. 8). Even then, Smith had observed an asymmetry not only in bargaining power, but also in capitalists’ response to workers’ attempts to redress the balance. When workers combine their forces, “the masters . . . never cease to call aloud for the assistance of the civil magistrate, and the rigorous execution of those laws which have been enacted with so much severity against the combination of servants, labourers, and journeymen” (Smith 1776, book 1, chap. 8). This stance, of course, was markedly different from capitalists’ own behavior—not only in labor markets, but elsewhere, too. As Smith put it in one of his most famous statements, “People of the same trade seldom meet together, even for merriment and diversion, but the conversation ends in a conspiracy against the public, or in some contrivance to raise prices” (book 1, chap. 10). This issue is central: to redress the natural imbalance of bargaining power, workers have to band together and engage in collective bargaining. Unions are critical. But it is precisely because unions have been somewhat successful in redressing the imbalance that employers have worked so hard to suppress them, as I comment later in this introduction. Contracts In multiple contexts, business enterprises have not been satisfied with the increased profits brought by greater market concentration and occasional collusion. Businesses have figured out how to sustain and amplify those profits by the clever design of contracts that are conceived to inhibit competition in the labor market. This is another method that enables them to drive down wages still further.3 The chapters by Evan Starr and Terri Gerstein (this volume) provide ample evidence of the harmful impact of the misuse of labor contracts, noting in particular that often-used ruses distort the true impact on workers. Noncompete agreements, by definition, reduce competition. There might be some justification for not allowing employees with knowledge of trade secrets to go to work for competitors, but that hardly applies to employees of fast-food chains. Employers have also put into contracts provisions that weaken workers’ rights—and power—if a dispute arises. Inserting arbitration clauses into most contracts has moved dispute resolution out of the public domain— where it can be protected in the public interest, through transparency and basic standards—into private hands. This not only weakens workers’ position after a dispute arises, but also subtly changes the balance of power— making it easier for firms to take advantage of workers, knowing that their ability to get redress is so circumscribed. Making matters worse is a broader set of changes in legal frameworks that has hurt workers and consumers at the expense of corporations. For instance, the ability to bring class-action lawsuits, particularly in arbitration, has been greatly limited. Asymmetric Information The standard competitive theory assumes perfect information. Research over the past 50 years has explained how even a little information asymmetry can have a large impact. Employers have recognized this—they have figured out that such asymmetry can weaken workers’ position and lead to lower wages. They have responded by doing what they can to increase these asymmetries, sharing data with each other but insisting that workers keep their own compensation data confidential, and punishing employees who violate such confidentiality. The chapter by Harris in this volume describes the adverse effects of informational asymmetries, how firms have tried to increase these asymmetries, and what governments have done and can still do to promote transparency—and thus competition—in the labor market.

#### The plan solves inequality and wages.

Eric Posner 21. Professor at the University of Chicago Law School. “You Deserve a Bigger Paycheck. Here’s How You Might Get It.” https://www.nytimes.com/2021/09/23/opinion/antitrust-workers-employers.html

The spectacle of the antitrust challenge to Big Tech has been riveting. But a far more consequential transformation in antitrust law has largely escaped notice — the movement to use antitrust law to address wage suppression and inequality caused by the power of employers in labor markets. Economic theory says that when a pool of workers has only one potential employer, or a small number of potential employers, those workers will be paid below-market wages. Without the credible threat to quit and work for a competitor, workers lack leverage that could allow them to secure a raise and better conditions. This situation is sometimes called monopsony, and it is similar to monopoly in the market for goods. When buyers have no choice among sellers, a monopolist can charge high prices; when workers have little choice among employers, the employer can “charge” low wages. Monopolies result in sluggish economic growth as well as high prices because in order to raise prices, monopolists make fewer goods or provide less in services. Companies that use their market power to suppress wages do something similar: They hire fewer workers, and this leads to unemployment and low growth as well. And because employers push down wages by reducing employment, they supply fewer goods, causing higher prices to consumers even though labor costs are reduced. A business might have monopoly power (over goods it sells), monopsony power (over workers), both or neither. If a small town has one newspaper, the newspaper has both a monopoly over local news and a monopsony over journalists. If the town has a single automobile manufacturing plant, that business will have a monopsony over the relevant skilled workers but not a monopoly over cars, which are sold into a national market where there are competitors. Economists have understood these things since Adam Smith, who famously called wage-fixing by employers “the natural state of things, which nobody ever hears of.” But economists did not take this risk very seriously until recently, instead usually assuming that employers compete vigorously for workers. As a result, though the logic for using antitrust law to address market power is the same for monopsony as it is for monopoly, the legal community did not embrace the possibility that antitrust law should be brought to bear against employers, except in unusual cases. But in recent years, thanks to the remarkable work of a diverse group of mostly young economists, this conventional wisdom was shattered. Exploiting vast data sets of employment and wages that had become available, they discovered that concentrated labor markets — that is, with one or few employers — are ubiquitous. In one paper, José Azar, Ioana Marinescu, Marshall Steinbaum and Bledi Taska found that more than 60 percent of labor markets exceeded levels of concentration that are regarded as presumptive antitrust problems by the Department of Justice. Numerous papers have made similar findings. In highly concentrated labor markets, wages fall — as economic theory would predict. For example, Elena Prager and Matt Schmitt examined hospital mergers and found that when hospitals expand through mergers and gain significant market power, the wage growth of employees declines. Notably, this decline affected skilled health care professionals like nurses — but not administrators and unskilled staff members like cafeteria workers, who could easily find jobs outside hospitals. The work on labor market concentration has been supplemented by growing evidence that employers collude with one another and engage in other anticompetitive practices. Evan Starr and his co-authors have found that agreements not to compete — where employers block workers from moving to competitors — are extremely common (as many as nearly 40 percent of workers have been subject to one) and are associated with lower wages. Alan B. Krueger and Orley Ashenfelter found that nearly 60 percent of major brand-name franchises — companies like McDonald’s and Jiffy Lube — subjected franchise employees to no-poaching agreements, which prevented them, even within the same franchise system, from quitting one employer to join another. As a result, many workers, especially in rural areas and small towns — areas subject to high unemployment and economic stagnation — are squeezed by employers and underpaid. For example, when farm equipment manufacturers merge, they close dealerships, and so a mechanic who used to be able to get a good job as several dealers competed for his work must accept a less-appealing job from the single place in the area or drop out of the labor market. Antitrust law applies to “restraint of trade,” and courts agree that when employers enter cartels to suppress wages, they violate the law. Yet until a few years ago, there were hardly any antitrust cases against employers. The major exception was a 2010 case against Big Tech after Google, Apple and other companies agreed not to solicit one another’s software engineers. This was potentially criminal behavior, but the Justice Department slapped them on the wrist. (A subsequent lawsuit secured more than $400 million in damages for the workers.) But it was the academic research, not the tech case, that finally woke the antitrust community from its torpor. In the past year, the Justice Department has brought several criminal indictments against employers for antitrust violations (the first ever). The Federal Trade Commission is pondering a rule to restrict noncompetes. State attorneys general brought cases against franchises and other employers that used no-poaching agreements and noncompetes. Congress is holding hearings next week on antitrust and the American worker. Private litigators have joined in as discoveries of abusive wage practices have piled up. For example, “Big Chicken” companies face lawsuits not only for fixing the prices of chicken but also for fixing the wages of their workers. If the academic research on labor markets is correct, then millions of Americans are paid thousands or even tens of thousands of dollars less than they should be paid. Labor monopsony affects people at all income levels, but it is a particular problem for lower-income workers and people living in stagnant rural and semirural parts of the country. In his recent executive order on antitrust, President Biden became the first president to commit government resources to ensure that the antitrust laws are used to help workers. Let’s hope he follows through.

#### Antitrust enforcement is key.

Suresh Naidu et al 18. \*Suresh Naidu is an Associate Professor of International and Public Affairs and Economics, Columbia University. \*\*Eric Posner is a Kirkland & Ellis Distinguished Service Professor of Law, University of Chicago Law School. \*\*\*E. Glen Weyl is a Principal Researcher, Microsoft Research New England and Visiting Senior Research Scholar, Yale University Department of Economics and Law School “**Antitrust Remedies for Labor Market Power**” University of Chicago Law School. 2018. <https://chicagounbound.uchicago.edu/cgi/viewcontent.cgi?article=13776&context=journal_articles>

Most of the principles naturally carry over, in suitably modified form, to the analysis of merger effects on labor markets, though a few subtle issues arise. Many of the same factors that could act as efficiencies on the product side are also efficiencies on the labor side. By analogy to the “consumer welfare” standard, we believe that **mergers that trigger scrutiny by reducing** **labor market competition** should be subject to a “**worker welfare” standard**.213 The fact that the merger might raise firm profits more than it harms workers **should not be sufficient to excuse the merger**. Instead, the merger would be permitted if the merger sufficiently increases worker productivity (workers’ marginal revenue product) in a way that will not fully be absorbed by lower prices or increased employer profits. Thus, harms from reduced competition are more than fully offset, and **therefore workers’ wages, benefits, or conditions will improve because of the merger.** This is not to say that mergers that harm workers should never be approved. The losses to workers could be offset by gains elsewhere in the economy. Indeed, the merger of two firms that operate in a frictionless labor market should not greatly harm workers even if it does result in significant layoffs, because in a competitive labor market **the laid-off workers can easily find equally good jobs.**214 In contrast, a merger that does create competitive concern should not be excused simply on the basis that it **allows the firm to cut costs by destroying jobs**. In such cases, antitrust doctrine does not allow efficiency gains in other markets to offset losses in one market.215 Thus, typically, **the worker-surplus implications of a merger will indicate its competitive effects**, just as in product markets consumer surplus is a strong but not perfect proxy for competitive effects. In some cases, a merger may **prove overall competitively harmful in labor markets** (thus **reducing worker welfare**) and beneficial in product markets (thus increasing consumer welfare). Such cases should be treated roughly like ones where competitive harm occurs in one product market but there are competitive benefits in another product market. To the extent possible, antitrust authorities should try to find remedies that address the competitive harms while preserving the benefits, such as requiring the spinning off of critical units that would allow an increase in market power. However, **the frequency of such cases should not be exaggerated**; mergers that increase labor market power and thus raise effective costs will not usually bring lower prices to consumers, and mergers increasing product market power and thus reducing sales will not typically create great jobs. As we noted in section I.A.3, enforcers should **not believe** the canard that the monopsonist’s lower labor costs are **passed on to consumers as lower prices**.216 Monopsony power raises the effective marginal cost a firm faces and thus should almost always lead to increased prices. Similar analysis applies to the merger-specificity of the efficiency gains: productivity gains that could be achieved absent the anticompetitive effects of the merger should not play a role in merger analysis.

#### Growing economic inequality drives diversionary nationalism and makes war inevitable.

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One of the oldest theories of nationalism is that states instill the nationalist myth in their citizens to divert their attention from great economic inequality and so forestall pervasive unrest. Because the very concept of nationalism obscures the extent of inequality and is a potent tool for delegitimizing calls for redistribution, it is a perfect diversion, and states should be expected to engage in more nationalist mythmaking when inequality increases. The evidence presented by this study supports this theory: across the countries and over time, where economic inequality is greater, nationalist sentiments are substantially more widespread. This result adds considerably to our understanding of nationalism. To date, many scholars have focused on the international environment as the principal source of threats that prompt states to generate nationalism; the importance of the domestic threat posed by economic inequality has been largely overlooked. However, at least in recent years, domestic inequality is a far more important stimulus for the generation of nationalist sentiments than the international context. Given that nuclear weapons—either their own or their allies’—rather than the mass army now serve as the primary defense of many countries against being overrun by their enemies, perhaps this is not surprising: nationalism-inspired mass mobilization is simply no longer as necessary for protection as it once was (see Mearsheimer 1990, 21; Posen 1993, 122–24). Another important implication of the analyses presented above is that growing economic inequality may increase ethnic conflict. States may foment national pride to stem discontent with increasing inequality, but this pride can also lead to more hostility towards immigrants and minorities. Though pride in the nation is distinct from chauvinism and outgroup hostility, it is nevertheless closely related to these phenomena, and recent experimental research has shown that members of majority groups who express high levels of national pride can be nudged into intolerant and xenophobic responses quite easily (Li and Brewer 2004). This finding suggests that, by leading to the creation of more national pride, higher levels of inequality produce environments favorable to those who would inflame ethnic animosities. Another and perhaps even more worrisome implication regards the likelihood of war. Nationalism is frequently suggested as a cause of war, and more national pride has been found to result in a much greater demand for national security even at the expense of civil liberties (Davis and Silver 2004, 36–37) as well as preferences for “a more militaristic foreign affairs posture and a more interventionist role in world politics” (Conover and Feldman 1987, 3). To the extent that these preferences influence policymaking, the growth in economic inequality over the last quarter century should be expected to lead to more aggressive foreign policies and more international conflict. If economic inequality prompts states to generate diversionary nationalism as the results presented above suggest, then rising inequality could make for a more dangerous world. The results of this work also contribute to our still limited knowledge of the relationship between economic inequality and democratic politics. In particular, it helps explain the fact that, contrary to median-voter models of redistribution (e.g., Meltzer and Richard 1981), democracies with higher levels of inequality do not consistently respond with more redistribution (e.g., Bénabou 1996). Rather than allowing redistribution to be decided through the democratic process suggested by such models, this work suggests that states often respond to higher levels of inequality with more nationalism. Nationalism then works to divert attention from inequality, so many citizens neither realize the extent of inequality nor demand redistributive policies. By prompting states to promote nationalism, greater economic inequality removes the issue of redistribution from debate and therefore narrows the scope of democratic politics.

#### Monopsonies are key---inequality hollows out economics resilience---shocks are inevitable, only worker stability makes recovery possible.

Kate Bahn 21. Washington Center for Equitable Growth Testimony before the Joint Economic Committee, "Kate Bahn testimony before the Joint Economic Committee on monopsony, workers, and corporate power". Equitable Growth. 7-14-2021. https://equitablegrowth.org/kate-bahn-testimony-before-the-joint-economic-committee-on-monopsony-workers-and-corporate-power/

Thank you Chair Beyer, Ranking Member Lee, and members of the Joint Economic Committee for inviting me to testify today. My name is Kate Bahn and I am the Director of Labor Market Policy and the interim Chief Economist at the Washington Center for Equitable Growth. We seek to advance evidence-backed ideas and policies that promote strong, stable and broad-based growth. Core to this mission is understanding the ways in which inequality has distorted, subverted and obstructed economic growth in recent decades. Mounting evidence, which I will review today, demonstrates how the rising concentration of corporate power has increased economic inequality and made the U.S. economy less efficient. Reversing the trends that have led to a “second gilded age” is critical to encouraging a resilient economic recovery following the pandemic-induced economic crisis of 2020 and encouraging a healthy, competitive economy for the future. Introduction The United States boasts one of the wealthiest economies in the world, but decades of increasing income inequality, job polarization, and stagnant wages for most Americans has plagued our labor market and demonstrated that a rising tide does not lift all boats. Furthermore, economic evidence demonstrates how inequality results in an inefficient allocation of talent and resources while increasing corporate concentration that enriches the few while holding back the entire economy from its potential. Understanding the causes and consequences of the concentration of corporate power will guide policymaking in order to ensure that the economic recovery in the next phase of the pandemic will be broadly shared and ensure a more resilient economy. “Monopsony” is a key economic concept to understand in this discussion. Monopsony is the labor market equivalent of the better-known phenomenon of “monopoly,” but instead of having only one producer of a good or service, there is effectively only one buyer of a good or service, such as only one employer hiring people’s labor in a company town. Like in monopoly, this phenomenon is not limited to when a firm is strictly the only buyer of labor. Today I will explain the circumstances and effects of employers having significant monopsony power over the market and over workers. When employers have outsized power in employment relationships, they are able to set wages for their workers, rather than wages being determined by competitive market forces. Given this monopsony power, employers undercut workers. This means paying them less than the value they contribute to production. One recent survey of all the economic research on monopsony finds that, on average across studies, employers have the power to keep wages over one-third less than they would be in a perfectly competitive market. Put another way, in a theoretical competitive market, if an employer cut wages then all workers would quit. But in reality, these estimates are the equivalent of a firm cutting wages by 5 percent yet only losing 10 percent to 20 percent of their workers, thus growing their profits without significantly impacting their business. It is not only important for workers to earn a fair share so they can support themselves and their families, but also critical to ensure that our economy rebuilds to be stronger and more resilient. Prior to the current public health crisis and resulting recession, earnings inequality had been growing since at least the 1980s while the labor share of national income has been declining in same period. This is cause for concern as recent evidence suggests that the labor share of income has a positive impact on GDP growth in the long-run. The unprecedented economic shock caused by the coronavirus pandemic revealed how economic inequality leads to a fragile economy, where those with the least are hit the hardest, amplifying recessions since lower-income workers typically spend more of their income in the economy. But the crisis also demonstrated how economic policy targeted toward workers and families can provide a foundation for growth. This is because workers are the economy, and pushing back against the concentration corporate power by providing resources to workers is the foundation for strong, stable and broadly shared growth. The Causes of Monopsony The concept of monopsony was initially developed by the early 20th century economist Joan Robinson, who examined how lack of competition led to unfair and inefficient economic outcomes. The prototypical example of monopsony is a company town, where there is one very dominant employer and workers have no choice but to accept low wages since they have no outside options. This is the most extreme case, but it is important to note that firms have monopsony power in any circumstance where workers aren’t moving between jobs seamlessly in search of the highest wages they can get. Firms can use monopsony power to lower workers’ wages any time workers: Have few potential employers Face job mobility constraints Can only gather imperfect information about employers and jobs Have divergent preferences for job attributes Lack the ability to bargain over those offers I will go through each of these factors in turn and demonstrate how labor markets are unique compared to other markets in dealing with competitive forces. While concentrated labor markets are not the norm, they are pervasive across the United States, especially within certain sectors or locations. When markets are very concentrated, employers can give workers smaller yearly raises or make working conditions worse, knowing that their workers have nowhere to go to find a better job with better pay. (See Figure 1.) A study published in the journal Labour Economics by economists Jose Azar, Ioana Marinescu, and Marshall Steinbaum finds that 60 percent of U.S. local labor markets are highly concentrated as defined by U.S. antitrust authorities’ 2010 horizontal merger guidelines. This accounts for 20 percent of employment in the United States. Research by economists Gregor Schubert, Anna Stansbury, and Bledi Tsaka goes further by estimating workers’ outside options, or the likelihood a worker is able to change into a different occupation or industry. This study finds that even with a more expansive definition of job opportunities more than 10 percent of the U.S. workforce is in local labor markets where pay is being suppressed by employer concentration by at least 2 percent, and a significant proportion of these workers facing few outside options are facing pay suppression of 5 percent or more. As study co-author Anna Stansbury noted, “for a typical full-time workers making $50,000 a year, a 2 percent pay reduction is equivalent to losing $1,000 per year and a 5 percent pay reduction is equivalent to losing $2,500 per year.” Certain sectors are now very concentrated, such as the healthcare industry. In a paper by the economists Elena Prager and Matt Schmitt, they find that hospital mergers led to negative wage growth among skilled workers such as nurses or pharmacy workers. Consolidation and outsized employer power, alongside other phenomenon such as the fissuring of the workplace, may have broader impacts on the structure of the U.S. labor market when it affects the overall structure of the labor market, including the hollowing out of middle class jobs that have historically been a pathway for upward mobility.

#### It’s the key internal link to growth---wage depression constrains worker supply, constrains output, and decreases investment.

Sharon Block & Benjamin Elga 21. Sharon Block is the former executive director of the Labor and Worklife Program at Harvard Law School, where she also teaches. She currently serves as the Associate Administrator, Office of Information and Regulatory Affairs, Office of Management and Budget. Benjamin Elga is the founding executive director of Justice Catalyst and Justice Catalyst Law. “The Legal Case for Reform”. Inequality and the Labor Market: The Case for Greater Competition. Brookings Institution Press. (2021) https://www.jstor.org/stable/10.7864/j.ctv13vdhvm.7

Intuitively, it seems likely that less expensive inputs or lower wages would mean savings for firms to pass on to the consumers. But it turns out that inefficiencies and lack of competition in upstream markets have ripple effects that can harm everyone. In a competitive market, employers pay the market wage; when there are vacancies, a marginal increase in pay will follow so employers can fill those vacancies. Labor monopsonists have different incentives. If they raise pay to fill a marginal vacancy, they might also have to raise pay for their existing employees. The small increase in pay needed to attract one more worker could mean a massive swing in overall labor cost (Krueger 2017). So even if growth would generally be good for the company, they might not be able to add the workers they need specifically because of the special dynamics of controlling too much of the market.

This is an extreme example, but the same general principle applies when employers have the market power to depress wages below competitive levels. When the marginal cost of filling vacancies and growing one’s business to efficient levels diverges from the firm’s individual incentives for doing so, firms are constricted and leave jobs unfilled. Constraining inputs like labor leads to constrained outputs, and if firms are producing less of the products that consumers want, then prices for those products go up. After all, supply constraints and price increases are two sides of the same coin, economically. Fewer workers ultimately means fewer goods, and fewer goods means higher prices for the limited amount of goods available.4 Over time, this problem is magnified because fewer workers are incentivized to enter the field at all. The supply of qualified workers will go down, further reducing the firm’s ultimate output below efficient levels. In the end, everyone suffers except the firm with market power, which captures outsized profits.

Think: Why does America have a chronic undersupply of nurses or teachers, as well as stagnant wages (Council of Economic Advisers 2016)? In a competitive market, undersupply would lead to higher wages and increased entry to the field. If wages are inefficiently underpriced, we end up without enough nurses and ballooning healthcare costs. (Not to mention that, in the case of nurses, we end up with worse health outcomes for consumers!) This is part of the reason it is so problematic to interpret the consumer welfare standard to mean that short-term consumer prices are increased: presumed price effects could be irrelevant or misleading as to the overall effect on consumers.

Antitrust enforcement is supposed to be dynamic and to be able to keep up with the state of economic theory.5 But this cross-pollination is not in evidence. For example, even though inefficiency anywhere in the supply chain leads to worse outcomes for consumers, product market cases outnumber labor market cases by a factor of nearly 15, and in mergers by closer to 35. Moreover, no recent merger has been blocked on the basis of labor market effects alone (Levi 1948, 540, fn10). A quick foray into how antitrust law has developed follows.

#### Eroding financial resilience causes war---that overcomes traditional barriers to conflict.

Jomo Kwame Sundaram & Vladimir Popov 19. Former economics professor, was United Nations Assistant Secretary-General for Economic Development, and received the Wassily Leontief Prize for Advancing the Frontiers of Economic Thought in 2007. Former senior economics researcher in the Soviet Union, Russia and the United Nations Secretariat, is now Research Director at the Dialogue of Civilizations Research Institute in Berlin “Economic Crisis Can Trigger World War.” <http://www.ipsnews.net/2019/02/economic-crisis-can-trigger-world-war/>.

Economic recovery efforts since the 2008-2009 global financial crisis have mainly depended on unconventional monetary policies. As fears rise of yet another international financial crisis, there are growing concerns about the increased possibility of large-scale military conflict.

More worryingly, in the current political landscape, prolonged economic crisis, combined with rising economic inequality, chauvinistic ethno-populism as well as aggressive jingoist rhetoric, including threats, could easily spin out of control and ‘morph’ into military conflict, and worse, world war.

Crisis responses limited

The 2008-2009 global financial crisis almost ‘bankrupted’ governments and caused systemic collapse. Policymakers managed to pull the world economy from the brink, but soon switched from counter-cyclical fiscal efforts to unconventional monetary measures, primarily ‘quantitative easing’ and very low, if not negative real interest rates.

But while these monetary interventions averted realization of the worst fears at the time by turning the US economy around, they did little to address underlying economic weaknesses, largely due to the ascendance of finance in recent decades at the expense of the real economy. Since then, despite promising to do so, policymakers have not seriously pursued, let alone achieved, such needed reforms.

Instead, ostensible structural reformers have taken advantage of the crisis to pursue largely irrelevant efforts to further ‘casualize’ labour markets. This lack of structural reform has meant that the unprecedented liquidity central banks injected into economies has not been well allocated to stimulate resurgence of the real economy.

From bust to bubble

Instead, easy credit raised asset prices to levels even higher than those prevailing before 2008. US house prices are now 8% more than at the peak of the property bubble in 2006, while its price-to-earnings ratio in late 2018 was even higher than in 2008 and in 1929, when the Wall Street Crash precipitated the Great Depression.

As monetary tightening checks asset price bubbles, another economic crisis — possibly more severe than the last, as the economy has become less responsive to such blunt monetary interventions — is considered likely. A decade of such unconventional monetary policies, with very low interest rates, has greatly depleted their ability to revive the economy.

The implications beyond the economy of such developments and policy responses are already being seen. Prolonged economic distress has worsened public antipathy towards the culturally alien — not only abroad, but also within. Thus, another round of economic stress is deemed likely to foment unrest, conflict, even war as it is blamed on the foreign.

International trade shrank by two-thirds within half a decade after the US passed the Smoot-Hawley Tariff Act in 1930, at the start of the Great Depression, ostensibly to protect American workers and farmers from foreign competition!

Liberalization’s discontents

Rising economic insecurity, inequalities and deprivation are expected to strengthen ethno-populist and jingoistic nationalist sentiments, and increase social tensions and turmoil, especially among the growing precariat and others who feel vulnerable or threatened.

Thus, ethno-populist inspired chauvinistic nationalism may exacerbate tensions, leading to conflicts and tensions among countries, as in the 1930s. Opportunistic leaders have been blaming such misfortunes on outsiders and may seek to reverse policies associated with the perceived causes, such as ‘globalist’ economic liberalization.

Policies which successfully check such problems may reduce social tensions, as well as the likelihood of social turmoil and conflict, including among countries. However, these may also inadvertently exacerbate problems. The recent spread of anti-globalization sentiment appears correlated to slow, if not negative per capita income growth and increased economic inequality.

To be sure, globalization and liberalization are statistically associated with growing economic inequality and rising ethno-populism. Declining real incomes and growing economic insecurity have apparently strengthened ethno-populism and nationalistic chauvinism, threatening economic liberalization itself, both within and among countries.

Insecurity, populism, conflict

Thomas Piketty has argued that a sudden increase in income inequality is often followed by a great crisis. Although causality is difficult to prove, with wealth and income inequality now at historical highs, this should give cause for concern.

Of course, other factors also contribute to or exacerbate civil and international tensions, with some due to policies intended for other purposes. Nevertheless, even if unintended, such developments could inadvertently catalyse future crises and conflicts.

Publics often have good reason to be restless, if not angry, but the emotional appeals of ethno-populism and jingoistic nationalism are leading to chauvinistic policy measures which only make things worse.

At the international level, despite the world’s unprecedented and still growing interconnectedness, multilateralism is increasingly being eschewed as the US increasingly resorts to unilateral, sovereigntist policies without bothering to even build coalitions with its usual allies.

Avoiding Thucydides’ iceberg

Thus, protracted economic distress, economic conflicts or another financial crisis could lead to military confrontation by the protagonists, even if unintended. Less than a decade after the Great Depression started, the Second World War had begun as the Axis powers challenged the earlier entrenched colonial powers.

They patently ignored Thucydides’ warning, in chronicling the Peloponnesian wars over two millennia before, when the rise of Athens threatened the established dominance of Sparta!

Anticipating and addressing such possibilities may well serve to help avoid otherwise imminent disasters by undertaking pre-emptive collective action, as difficult as that may be.

#### The plan’s codification is key to certainty.

Eric A. Posner 21. Kirkland & Ellis Distinguished Service Professor at University of Chicago. How Antitrust Failed Workers. Oxford University Press, 2021.

Anticompetitive behavior. Plaintiffs would be able to base their case on any of the following anticompetitive acts: mergers in highly concentrated markets; use of noncompete and related clauses; restrictions on employees’ freedom to disclose wage and benefit information; unfair labor practices under the National Labor Relations Act;38 misclassification of employees as independent contractors; no-poaching, wage-fixing, and related agreements that are also presumptively illegal under Section 1; and prohibitions on class actions. Of course, current law gives employees the theoretical right to allege these types of anticompetitive behavior, but the cases show a pattern of judicial skepticism, as noted earlier. Codification would help employees by compelling courts to take these claims seriously. Employers would be allowed to rebut a prima facie case of anticompetitive behavior by showing that the act in question would likely lead to an increase in wages.

This reform would strengthen and extend Section 2 actions against labor monopsonists by standardizing a list of anticompetitive acts. While not all of these acts are invariably anticompetitive, the employer would be able to defend itself by citing a business justification. For example, a noncompete could be justified because it protects an employer’s investment in training. If so, an employer could avoid antitrust liability by showing that its use of noncompetes benefits workers, who obtain higher wages as a result of their training.39

These reforms would strengthen Section 2 claims against labor monopsonies but would also preserve the doctrinal structure of Section 2. They would not generate significant legal uncertainty or require a revision in the way that we think about antitrust law.

### Democracy---1AC

#### Advantage 2 is democracy:

#### Congressional inaction shifts power to less democratic institutions.

Spencer Weber Waller 19. John Paul Stevens Chair in Competition Law and Director, Institute for Consumer Antitrust Studies, Loyola University Chicago School of Law. "Antitrust and Democracy " Florida State University Law Review. 2019. https://lawecommons.luc.edu/cgi/viewcontent.cgi?article=1658&context=facpubs

It is disappointing that the U.S. Congress has more often focused on the minutiae of competition law and policy or conducted hearings on high profile mergers that, by design, cannot affect the eventual enforcement actions of the agencies. 160 There have been no major amendments of the antitrust laws since the 1970s. 16 1 Criminal penalties have been increased, but the private treble damage remedies as a whole have been largely left unchanged. 162 Exemptions and immunities have been expanded and contracted at the margins. 16 3 Budgets have been increased and lowered depending on the era and the overall political zeitgeist.

Unfortunately, much of Congressional attention to competition law has involved minor issues and outright petty matters. For example, Congress effectively killed a proposal that would have rationalized cooperation between the Antitrust Division and the FTC because it affected which Congressional committee had "jurisdiction" over the work of these agencies. 164 Even more petty was the unsuccessful effort of one Congressman to force the FTC to vacate its headquarters for an expansion of the national art museum.165

The opportunity costs for each hearing on such marginal issues, for example, whether professional baseball should continue to enjoy a partial exemption from the antitrust laws or grandstanding for constituents over the fate of a particular merger with a pronounced local effect, is high. Congress sacrifices time, money, and attention better used to study more important, broader issues of competition law and policy. Stated enforcement policy over unilateral conduct and merger policy have changed substantially between administrations and over time. Important guidelines and stated enforcement priorities have changed as well with little substantive Congressional involvement. 16 6 Critical decisions by the United States Supreme Court have changed the law in dramatic and subtle ways without significant Congressional input either before or after the decisions. 167

Perhaps Congress simply does not care about, or actually approves of, the continued evolution of United States antitrust law and policy in all its complexity. However, this silence or indifference has important consequences. It shifts power from the most democratic elected institutions to the more distant, less democratic institutions of agencies and courts to craft fundamental economic policy free from all but the most macro-level interventions or corrections.

#### That collapses court legitimacy and constitutional separation of powers.

David P. Ramsey 10. Associate Professor of Government at the University of West Florida. “The Role of the Supreme Court in Antitrust Enforcement”. May 2010. https://baylor-ir.tdl.org/bitstream/handle/2104/7960/david\_ramsey\_phd.pdf?sequence=3

White’s announcement of the rule of reason was not without its critics on the Court. Justice John Marshall Harlan, author of the Court’s opinion in the Northern Securities case, delivered a passionate dissent which, in the period immediately following announcement of the Court’s ruling in the Standard Oil case, was more widely covered in the press than White’s majority opinion. For Harlan, the real issue of the case was whether or not the Court would resist the temptation to amend the Sherman Act by a process of judicial legislation.28 Harlan places the decision in the context of the failed arguments of defendants in the Trans-Missouri and Joint Traffic arguments, who twice attempted to persuade the Court to amend or interpret the text of Sherman §1 prohibition of all agreements in restraint of trade to read all agreements ‘in unreasonable restraint of trade,’ and twice failed to do so.29 Given such precedents, Harlan found White’s decision now to incorporate the standard of reasonableness into the Court’s interpretation of the statute troubling not only because this would seem to **raise constitutional concerns** about judicial legislation, but also because it seemed to show such **blatant disregard** for stare decisis, and would thus help to **weaken** an important source of **institutional power** for the judiciary over time. 30 Finally, Harlan explained that he was worried that White’s adoption of a rule of reason would have **profound constitutional implications in future generations**, particularly the danger of judicial encroachment on the legislative power, and the danger that the Court, by something so small as inserting the word ‘reasonable’ into the Sherman Act’s prohibition of restraints of trade, might eventually come to **erect itself into a superlegislature**, just as Brutus and the Anti-Federalists had feared. Emphasizing the three “separate, equal and coordinate departments” erected by the Constitution, Harlan stresses the danger posed to our institutions should any one branch of the federal government begin to usurp the powers of another, and that this danger was all the more **prevalent and pernicious** in cases involving attempts to transcend constitutional powers in the name of the common good. Harlan closes with a passionate exhortation to resist this temptation to pursue the public good or further the legislative intent of Congress by surpassing the powers granted the Court in Article III. After many years of public service at the National Capital, and after a somewhat close observation of the conduct of public affairs, I am impelled to say that there is abroad in our land a most harmful tendency to bring about the amending of constitutions and legislative enactments by means alone of judicial construction. As a public policy has been declared by the legislative department in respect of interstate commerce, over which Congress has entire control, under the Constitution, all concerned must patiently submit to what has been lawfully done until the People of the United States—the source of all National power—shall, in their own time, upon reflection and through the legislative department of the Government, require a change of that policy.31 Though Harlan’s warning tends to be lightly dismissed by later critics, it must be remembered that at the time, federal involvement in regulation of the economy was minimal, and therefore the Court tended to defer to the political branches. Harlan’s reluctance to accept a court-made rule of reason was in part, then, an attempt to protect the Court from the political backlash that would likely result from being positioned at the vanguard of Progressive reforms. The Sherman Act was controversial enough as a statement of national economic policy without the Court adding to it an additional layer of discretionary power for the judiciary.

#### Rule of law is essential to stave off societal collapse.

Stephen Breyer 18. An associate justice of the Supreme Court of the United States. “AMERICA’S COURTS CAN’T IGNORE THE WORLD” The Atlantic. October 2018. <https://www.theatlantic.com/magazine/archive/2018/10/stephen-breyer-supreme-court-world/568360/>

Third, and finally, my legal examples suggest the importance of looking to approaches and solutions that themselves **embody a rule of law**. To achieve and maintain a rule of law is more difficult than many people believe. The effort is ancient, stretching back to King John and the Magna Carta, and still earlier. And the effort does not always succeed. I often describe to judges from other countries how, in the 1830s, a president of the United States, Andrew Jackson, when faced with a Supreme Court decision holding that northern Georgia (where gold had been found) belonged to the Cherokee Nation, is said to have remarked, “John Marshall [the chief justice] has made his decision, now let him enforce it.” Jackson sent troops to Georgia, but not to enforce the law. Instead they evicted the tribe members, sending them along the Trail of Tears to Oklahoma, where their descendants live to this day. Not for more than a century, a period that included the Civil War and decades of racial segregation, would the Supreme Court hold, in Brown v. Board of Education, in 1954, that racial segregation violated the Constitution. Yet the country did not abolish segregation the next year or the year after that. When, in 1957, a judge in Little Rock, Arkansas, ordered Central High School desegregated, the local White Citizens’ Council, supported by the governor, rallied in front of the school, letting no black child enter. It took more than judicial decisions to end segregation. It took a president’s decision to send 1,000 paratroopers to Arkansas. It took Martin Luther King Jr., and the Freedom Riders, and the words and deeds of countless Americans who were not lawyers or judges. Today the public has come to accept the rule of law. When the Court decided Bush v. Gore, a case that was unpopular among many, and was (as I wrote in dissent) wrongly decided, the nation accepted the decision without rioting in the streets. That is a major asset for a nation with a highly diverse population of 320 million citizens. We do not have to convince judges or lawyers that maintaining the rule of law is necessary—they are already convinced. Instead we must convince ordinary citizens, those who are not lawyers or judges, that they sometimes must accept decisions that affect them adversely, and that may well be wrong. If they are willing to do so, the rule of law has a chance. And as soon as one considers the alternatives, the need to work within the rule of law is obvious. The **rule of law** is the opposite of the arbitrary, which, as the dictionary specifies, includes the **unreasonable, the capricious, the authoritarian, the despotic, and the tyrannical.** Turn on the television and look at what happens in nations that use other means to resolve their citizens’ differences. For my generation, the need for law in its many forms was perhaps best described by Albert Camus in The Plague. He writes of a disease that strikes Oran, Algeria, which is his parable for the Nazis who occupied France and for the evil that inhabits some part of every man and woman. He writes of the behavior of those who lived there, some good, some bad. He writes of the doctors who help others without relying upon a moral theory—who simply act. At the end of the book, Camus writes that the germ of the plague never dies nor does it ever disappear. It waits patiently in our bedrooms, our cellars, our suitcases, our handkerchiefs, our file cabinets. And one day, perhaps, to the misfortune or for the education of men, the plague germ will reemerge, reawaken the rats, and send them forth to die in a once-happy city. The struggle against that germ continues. And the rule of law is one **weapon that civilization has used to fight it.** **The rule of law is the** **keystone of the effort to build a civilized, humane, and just society.** At a time when facing facts, understanding the local and global challenges that they offer, and working to meet those challenges cooperatively is **particularly urgent**, we must continue to construct such a society—a **society of laws**—together.

#### Judicial activism undermines respect for rule of law and usurps democracy.

Jane S. Schacter 17. William Nelson Cromwell Professor of Law at Stanford Law School. “PUTTING THE POLITICS OF “ JUDICIAL ACTIVISM” IN HISTORICAL PERSPECTIVE”. The Supreme Court Review Volume 2017. https://law.stanford.edu/wp-content/uploads/2019/03/Jane.S.Schacter-Putting-the-Politics-of-Judicial-Activism-in-Historical-Perspective-2018.pdf

In 1980, as issues associated with the religious right rose, Republican rhetoric began to emphasize the idea that Democrats had shunted the family aside and “given its jurisdiction to the courts,” along with a call for judges who “respect the traditional family and the sanctity of innocent human life.”170 By 1984, when Ronald Reagan ran for reelection, Republicans offered a more fully elaborated set of institutional ideas about courts, arguing that: judicial power must be exercised with deference towards State and local officials; it must not expand at the expense of our representative institutions. It is not a judicial function to reorder the economic, political, and social priorities of our nation. The intrusion of the courts into such areas undermines the stature of the judiciary and erodes respect for the rule of law. Where appropriate, we support congressional efforts to restrict the jurisdiction of federal courts.171 The platform went on to “commend the President for appointing federal judges committed to the rights of law-abiding citizens and traditional family values,” “shar[ing] the public’s dissatisfaction with an elitist and unresponsive federal judiciary,” and calling for judges committed to “judicial restraint.”172 The language in George H. W. Bush’s 1992 acceptance speech marked the appearance of particular language about judicial activism that became common in GOP platforms and speeches thereafter. He said that Bill Clinton would “stock the judiciary with liberal judges who will write laws they can’t get approved by the voters.”173 By 1996 and the Dole campaign, the anti-activism rhetoric in Republican platforms was ramping up. At the same time, although no court had yet legalized same-sex marriage, the possibility of that result had been introduced by the Hawaii Supreme Court in a preliminary decision in 1993,174 and the Republican Party began to fold same-sex marriage into its portfolio of complaints about judicial activism. In 1996, for example, the platform applauded congressional passage of the Defense of Marriage Act, noting that it would prevent “federal judges and bureaucrats from forcing states to recognize other living arrangements as ‘marriages.’”175 Since 1996, references to same-sex marriage in relation to judicial activism have been a mainstay for Republican platforms. The 1996 platform also quoted the Tenth Amendment and said “[f]or more than half a century, that solemn compact has been scorned by liberal Democrats and the judicial activism of the judges they have appointed.”176 It admonished that: The federal judiciary, including the U.S. Supreme Court, has overstepped its authority under the Constitution. It has usurped the right of citizen legislators and popularly elected executives to make law by declaring duly enacted laws to be “unconstitutional” through the misapplication of the principle of judicial review. [These actions are] fundamentally at odds with our system of government in which the people and their representatives decide issues great and small.177 The sharper tone of 1996 has been maintained ever since. Succeeding platforms have argued, for example, that “scores of judges with activist backgrounds in the hard-left now have lifetime tenure” (2000 and 2004);178 the President should “name only judges who have demonstrated respect for the Constitution and the processes of our republic” (2000);179 “the sound principle of judicial review has turned into an intolerable presumption of judicial supremacy” (2004);180 “[j]udicial activism is a grave threat to the rule of law because unaccountable federal judges are usurping democracy, ignoring the Constitution and its separation of powers, and imposing personal opinions upon the public . . .” (2008);181 “judicial activism” is a “threat to the constitution” and “Republican Senators [must] do all in their power to prevent the elevation of additional leftist ideologues to the courts” (2012);182 and, most recently, the activist judiciary is a “critical threat to our country’s constitutional order,” and “only Republican appointments will enable the courts to begin to reverse the long line of activist decisions, including Roe, Obergefell and the Obamacare cases,” which have “expanded the power of the judiciary at the expense of the people and their elected representatives” (2016).183

#### Antitrust is key to democratic legitimacy---sets a precedent.

Daniel A. Crane 21. Frederick Paul Furth, Sr. Professor of Law, University of Michigan. "Antitrust Antitextualism " Notre Dame Law Review. 1-28-2021. https://scholarship.law.nd.edu/cgi/viewcontent.cgi?article=4952&context=ndlr

3. Implications for Interpretation

The phenomenon of antitrust antitextualism is important for understanding the U.S. antitrust system, its history, and the possibilities for its reform, but it also has significance for more general understandings of how statutes are written and how their interpretation functions or should function. Scholars have argued that Congress sometimes means statutory language to be purely expressive, indeed that it means for the courts not to give that language legal effect.262 But the story of antitrust antitextualism goes far beyond judicial excision of stray words or phrases from the antitrust statutes. In important instances, particularly with respect to the FTC and Robinson-Patman Acts, the courts have entirely rewritten the textual meaning and legislative purpose of the statute.263 Through a chronic cycle of legislative enactment, judicial disregard, and implicit legislative acquiescence, Congress and the courts have constituted the common-law system that judges and scholars across the political spectrum now consider normalized and perhaps even inevitable.

This pattern of judicial/legislative engagement (with the executive playing an enabling role) raises both analytical and normative questions for the jurisprudence of statutory interpretation. Analytically and descriptively, is antitrust law sui generis, or do other statutory domains exhibit a similar, but perhaps unrecognized, dynamic? Do the antitrust laws idiosyncratically operate in a space of equipoise between Jeffersonian idealism and Hamiltonian pragmatism, with Congress implicitly assigning itself the role of idealist orator while acquiescing as the courts provide pragmatic counterbalance? Or is this yin and yang phenomenon, disguised in the interpretive rhetoric of broad delegations and common-law method, a more general one, in maybe unappreciated ways? Once a pattern is observed in one legal domain, it tends to be observed soon in others as well. Finding a recurrence of the antitrust pattern elsewhere could provide new insights on statutory interpretation, separation of powers, and the de facto institutional roles of the legislative and judicial branches.

Normatively, there is much to question about the democratic legitimacy of the implicit system of legislative declaration and judicial reformation described in this Article. There seems little in it that either a committed textualist or a committed purposivist could defend, since the system entails the courts honoring neither what Congress wrote nor what it meant. To rehabilitate the system’s democratic legitimacy, a subtle purposivist might say that what Congress actually meant—in a deep sense—must be gathered from the norms of the system itself rather than from conventional evidence such as floor statements by members of Congress, committee reports, or other contemporaneous sources of public meaning. Perhaps members of Congress legislate against a backdrop of expectation that the courts will continue to read down new statutes to accommodate pragmatic efficiency interests, and consenting to this implicit system, the members feel liberated to express more in the statute than they actually mean as prescriptive. But if that is wholesome democratic practice, that case is yet to be made.

#### Democratic backsliding in the US spills over.

Larry Diamond 21. Senior Fellow at the Hoover Institution and the Freeman Spogli Institute for International Studies at Stanford University. "A World Without American Democracy?". Foreign Affairs. 7-2-2021. https://www.foreignaffairs.com/articles/americas/2021-07-02/world-without-american-democracy?utm\_medium=referral&utm\_source=www-foreignaffairs-com.cdn.ampproject.org&utm\_campaign=amp\_kickers

Aprolonged global democratic recession has, in recent years, morphed into something even more troubling: the **“third reverse wave” of democratic breakdowns** that the political scientist Samuel Huntington warned could follow the remarkable burst of “third wave” democratic progress in the 1980s and the 1990s. Every year for the past 15 years, according to Freedom House, significantly more countries have seen declines in political rights and civil liberties than have seen gains. But since 2015, that already ominous trend has turned sharply worse: 2015–19 was the first five-year period since the beginning of the third wave in 1974 when more countries **abandoned democracy**—twelve—than transitioned to it—seven. And **the trend continues.** Illiberal populist leaders are **degrading democracy** in countries including Brazil, India, Mexico, and Poland, and **creeping authoritarianism** has already moved Hungary, the Philippines, Turkey, and Venezuela out of the category of democracies altogether. In Georgia, the dominance of the Georgian Dream Party has led to the steady decline of electoral processes and a breakdown in the rule of law. In Myanmar, the military overthrew the elected government of Aung San Suu Kyi, ending an experiment in partial democracy. In El Salvador, president Nayib Bukele staged an executive coup by removing the attorney general and Supreme Court justices who were obstacles to his consolidation of power. In Peru, democracy hangs from a thread as the right-wing autocrat Keiko Fujimori advances vague claims of election fraud in a bid to overturn her narrow electoral defeat to left-wing opponent Pedro Castillo. What is especially striking about this last case is that Fujimori’s gambit bears a grim resemblance to the lie perpetuated by former U.S. President Donald Trump and his followers about the 2020 presidential election. This is no coincidence. As the journalist and historian Anne Applebaum has observed, fictitious claims of fraud and “stop the steal” tactics are becoming a common means by which autocratic populists try to obstruct democracy. Such tactics have long been a source of instability in countries struggling to develop democracy. But the fact that the most recent iteration of the antidemocrat’s playbook draws heavily on precedents in the **world’s most important and powerful democracy** marks the start of a **dangerous new era.** Today, the United States confronts a **growing antidemocratic movement**, not just from the ranks of fringe extremists but also from a substantial group of officeholders—a movement that is challenging the very foundations of electoral democracy. Should this effort succeed, the United States could become the first ever advanced industrial democracy to fail—that is, to no longer meet the minimum conditions for free and fair elections as political scientists and other scholars of democracy define them. The **failure of American democracy would be catastrophic** not only for the United States; it would also have **profound global consequences** at a time when freedom and democracy are already **under siege**. As Huntington noted, the diffusion of democratic movements and ideas from one country to another has helped drive positive democratic change. Antidemocratic norms and practices can **spread in a similar fashion**—especially when they emanate from powerful countries. That is why the acceleration of a democratic recession into a democratic depression happened largely on Trump’s watch. And it is why no development would **more gravely damage the global democratic cause** than the democratic backsliding of its **most important champion.**

#### Democracy solves great power war.

Larry Diamond 19. PhD in Sociology, professor of Sociology and Political Science at Stanford University. “Ill Winds: Saving Democracy from Russian Rage, Chinese Ambition and American Complacency,” Kindle Edition

In such a near future, my fellow experts would no longer talk of “democratic erosion.” We would be spiraling downward into a time of democratic despair, recalling Daniel Patrick Moynihan’s grim observation from the 1970s that liberal democracy “is where the world was, not where it is going.” 5 The world pulled out of that downward spiral—but it took new, more purposeful American leadership. The planet was not so lucky in the 1930s, when the global implosion of democracy led to a catastrophic world war, between a rising axis of emboldened dictatorships and a shaken and economically depressed collection of selfdoubting democracies. These are the stakes. Expanding democracy—with its liberal norms and constitutional commitments—is a crucial foundation for world peace and security. Knock that away, and our most basic hopes and assumptions will be imperiled. The problem is not just that the ground is slipping. It is that we are perched on a global precipice. That ledge has been gradually giving way for a decade. If the erosion continues, we may well reach a tipping point where democracy goes bankrupt suddenly—plunging the world into depths of oppression and aggression that we have not seen since the end of World War II. As a political scientist, I know that our theories and tools are not nearly good enough to tell us just how close we are getting to that point—until it happens.

#### The plan is key to reverse erroneous court judgement that distorted the purpose of antitrust law.

Daniel Hanley 21. A policy analyst at the Open Markets Institute. "Slate - How Antitrust Lost Its Bite" Open Markets Institute. 4-21-2021. https://www.openmarketsinstitute.org/publications/slate-how-antitrust-lost-its-bite

Antitrust is about determining and allocating the rights, privileges, and duties of all economic actors. When Congress originally enacted the Sherman Act, the law was intended to protect consumers, workers, and democracy from excessive concentrations of corporate power. Because of this reality, it is an inherently political area of law. The shift toward rooting it in economics, and making its application substantially more obscure than a bright-line rule, is effectively a means by the judiciary to strip the historical foundations of antitrust from the record and instead substitute its own judgment on what the priorities are for the economy and how it should be structured.

When combined with the rule of reason, the judiciary’s consumer welfare framework effectively erases Congress’ intent for the antitrust laws to operate as a “comprehensive charter of economic liberty” that “does not confine its protection to consumers, or to purchasers, or to competitors, or to sellers.” Such values are best determined by members of the elected legislature rather than unelected judges, a point ironically acknowledged by the Supreme Court in 1972.

Lower federal courts today continue to push the consumer welfare standard even further by, in violation of controlling Supreme Court precedent, weighing the competitive harms of a dominant firm’s conduct against one group to the benefits provided to another group. In ongoing litigation against the NCAA that was heard by the Supreme Court last week, the district court judge ruled that the NCAA’s compact with universities to set a ceiling on the amount of compensation that student-athletes can receive is legal because of the reputed benefit consumers derive from watching athletes knowing there is a cap on their compensation. The court employed the rule of reason to arrive at this result. In an alternative enforcement regime, the NCAA would be a per se illegal employer cartel that is suppressing workers’ wages.

Comprehensive empirical analysis has revealed that the rule of reason has been a rubber stamp for even the most egregious antitrust conduct. A 2009 analysis revealed that 97 percent of cases analyzed under the rule of reason result in victories for defendants. That means corporations are effectively shielded from most antitrust violations.

Part of the reason for such a skewed result in favor of antitrust defendants is that dominant firms have access to high-salaried economists that are able to manipulate analyses to mask the corporation’s conduct to look like it is operationally efficient instead of engaging in predatory practices. Such a situation also deters antitrust litigation because a plaintiff will also have to incur the cost of an economist—which can cost several thousand dollars and, in some cases, several hundred thousand dollars. Thus, the battle over the legality of a business tactic under a consumer welfare framework and rule of reason legal analysis depends on access to immense financial capital and judicial appeasement of policies that favor corporate integration rather than common notions of fairness, equity, and deconcentrated markets—which was the original purpose of the antitrust laws.

Despite controlling Supreme Court precedent prohibiting the use of economics in certain antitrust violations, courts now routinely use it to justify corporate consolidation. For example, in the context of merger analysis, the economization of antitrust has led courts to believe and depend on theoretical assumptions on how mergers are beneficial for society and consumers. In the case of AT&T and its pursuit of acquiring Time Warner in 2018, the corporation stated its merger would produce efficiencies and save customers money. District Court Judge Richard Leon was persuaded by AT&T’s statements holding that vertical integration is able to shrink its costs and will “lead to lower prices for consumers.” But such assumptions have been categorically repudiated by researchers. In one example, the economist John Kwoka found that 80 percent of studied mergers led to high prices and even reduced output. Other studies have found equivalent results. In the context of AT&T, subsequent evidence showed that AT&T did raise prices on consumers.

As Congress considers enacting new legislation, it must start by reclaiming control over antitrust by enacting laws with clear rules that could deter exclusionary conduct and greatly simplify the litigation process for plaintiffs. Moreover, instead of just restoring many of the historical bright-line rules that the judiciary has eroded over the last 60 years, new laws should go further to ensure that markets remain deconcentrated and to promote economic fairness. For example, Congress could enact strict prohibitions on firms entering certain lines of business, such as AT&T being prohibited from entering the computer industry in 1956, or ban the use of specific competitive practices outright, such as noncompetes that restrict the mobility of workers. Rules like these ensure the markets are structured by publicly accountable institutions to incentivize socially beneficial corporate conduct, such as investments in research and development and product quality.

Importantly, rules-based laws would also ensure the judiciary is adhering to Congress’ directive to keep markets deconcentrated and acknowledge that the judiciary is not a reliable safeguard for smaller independent firms and workers who often do not have access to significant amounts of capital to litigate an antitrust lawsuit. In fact, in commonly applied rules for how judges interpret Congress’ laws, the judiciary views ambiguity as an opportunity to fill any legal gaps with its interpretation and ideology.

History has consistently shown that only bright-line rules will lead to an effective and vigorous enforcement environment, as they do in other areas of law, and prevent the judiciary from favoring dominant economic enterprises and distorting the antitrust laws to preference increased concentration. The Supreme Court’s original development of the rule of reason and its subsequent gutting of the enforcement of the Clayton Act in the 1930s is particularly illustrative of why bright-line rules are necessary.

### FTC---1AC

#### Advantage 3 is the FTC:

#### Khan is advocating for the aff but is constrained by the existing body of antitrust law---only adopting a new standard solves.

Tara L. Reinhart et al 21. \*Tara Reinhart is head of the Antitrust/Competition Group in Skadden’s Washington, D.C. office. She focuses on civil litigation and government investigations, with an emphasis on complex antitrust litigation and international cartel probes. \*Steven C. Sunshine is the head of Skadden’s Global Antitrust/Competition Group. He represents clients in connection with antitrust aspects of mergers and acquisitions, litigation, counseling and grand jury investigations. \*David Wales is recognized as a leading antitrust lawyer and has over 25 years of experience in both private and public sectors. His practice focuses on providing antitrust advice to U.S. and international clients in a wide range of industries on all aspects of antitrust, including mergers and acquisitions, alliances, criminal grand jury investigations, dominant firm conduct, distribution arrangements, licensing and competitor collaborations. \*Julia York has represented numerous global corporations in various industries, including pharmaceuticals, telecommunications, energy and financial markets, in both litigation and transactional matters. “FTC Chair Khan Highlights Key Policy Priorities Going Forward, but Aggressive Agenda Faces Uphill Climb” Skadden, Arps, Slate, Meagher & Flom LLP and Affiliates. 10-04-21. <https://www.skadden.com/insights/publications/2021/10/ftc-chair-khan-highlights-policy-priorities>

In a September 22, 2021, memorandum to staff, Federal Trade Commission (FTC) Chair Lina Khan formally laid out her “Vision and Priorities for the FTC,” reaffirming her calls for broad antitrust enforcement organized around three key policy priorities: merger enforcement, dominant intermediaries and restrictive contract terms. The memo further describes her vision for the agency’s strategic approach and operational objectives to support those priorities. Like her prior calls for antitrust reform and aggressive enforcement,1 the policy priorities outlined by Chair Khan are somewhat abstract and do not specify concrete actions the agency will take to achieve them. However, a close review of these high-level priorities, approach and objectives reveals some **practical obstacles to implementation**, including limitations **imposed by resource constraints and the existing body of antitrust law.** Policy Priorities: Merger Enforcement, Dominant Intermediaries and Restrictive Contract Terms Chair Khan listed three policy priorities for the agency going forward. First, she identified a need to strengthen the agency’s merger enforcement work to combat what she described as rampant consolidation and the market dominance she believes that consolidation has enabled. In particular, she expressed a concern that markets “will only become more consolidated” absent FTC vigilance and assertive action. She noted that revising the merger guidelines will be important to achieve merger reform, characterizing prior iterations of the guidelines as a “somewhat narrow and outdated framework for assessing mergers.” She also highlighted a need to find ways to deter unlawful transactions, including “facially illegal deals.” Second, Ms. Khan indicated her desire to focus enforcement on “dominant intermediaries and extractive business models.” After suggesting that market power is an increasingly systemic problem in the economy, and that the FTC should devote resources to regulating the most significant actors — with “next-generation technologies, innovations, and nascent industries” requiring particular vigilance, she focused specifically on the market position of “gatekeeper” companies and “dominant middlemen.” Such entities, according to Chair Khan, have been able to “hike fees, dictate terms, and protect and extend their market power.” She also posited that the involvement of private equity and other investment vehicles may strip such businesses of productive capacity and harm consumers. In discussing the agency’s strategic approach to address these issues, Chair Khan noted her intention to “focus[] on structural incentives that enable unlawful conduct,” and to “look[] upstream at the firms that are enabling and profiting from this conduct.” Third, Ms. Khan discussed certain contract terms, including **noncompete provisions**, repair restrictions and exclusionary clauses, that she believes could constitute unfair methods of competition or unfair or deceptive trade practices. She also **advocated for a “holistic” approach to identifying harms to account for effects on workers** and independent businesses. Describing this holistic approach in broad terms, she indicated that the agency would **focus on “power asymmetries** and the unlawful practices those imbalances enable,” and the effects such conduct has, for example, on **marginalized communities**. In sharing her hopes to “further democratize the agency,” Chair Khan similarly expressed that the FTC’s work should help “shape[] the **distribution of power and opportunity** across our economy.” More generally, the memo identifies areas of investment for the agency to help achieve these priorities. This includes incorporating a greater range of analytical tools and skillsets into the agency’s work, and expanding the agency’s regional footprint to grow its ranks, including by hiring additional technologists, data analysts, financial analysts and experts from outside disciplines. Chair Khan also announced that she will name Holly Vedova and Samuel Levine, both career FTC staff (as opposed to political appointees), as the director of the Bureau of Competition and the director of the Bureau of Consumer Protection, respectively. Practical Limitations on Implementation of Chair Khan’s Policy Priorities Chair Khan describes the antitrust agenda outlined in her memorandum as “robust,” and the memo communicates her intention to attempt to reshape antitrust policy and enforcement. However, a revolutionary shift in antitrust enforcement by the FTC will **face substantial practical challenges.** Most significantly, the path to reshaping antitrust enforcement will be constrained by the substantial body of existing antitrust law and the need to convince a federal judge that the **conduct in question is unlawful**. Chair Khan’s memo generally advocates for a new, more expansive and holistic approach to identifying antitrust harms **beyond the traditional focus on consumer welfare** and price effects. However, **courts have — and will likely continue to — rely on existing standards developed** in the case law over many decades. Those standards focus on consumer welfare and predominantly price effects. **Absent legislative change**, then, a **practical gap** will persist between Chair Khan’s **vision of refocused and more assertive antitrust enforcement**, on the one hand, and **the law that would apply** to any FTC enforcement action, on the other.2

#### The CWS means they’ll lose cases on labor they’re bringing now.

Nicolás Rivero 21. NU Graduate. "Biden’s antitrust crusaders can’t crusade without Congress". Quartz. 3-11-2021. https://qz.com/1982437/lina-khan-and-tim-wu-need-congress-to-push-their-antitrust-agenda/amp/

US president Joe Biden is poised to promote two of the country’s most prominent anti-monopoly crusaders to top jobs in his administration. The moves signal that Biden is serious about cracking down on dominant companies that include Facebook, Google, Amazon, and Apple. But for the president’s trustbusting champions to make a real impact, they’ll need support from Congress.

Biden appointed Columbia law professor Tim Wu to the National Economic Council (NEC) as his top advisor on technology and competition on March 5. Politico reports that Biden will soon follow up by nominating Lina Khan, also a Columbia law professor, to the Federal Trade Commission (FTC). (Before she can take her seat as one of the antitrust agency’s five commissioners, Khan must be confirmed by the Senate.)

Khan and Wu are two of the leading voices in a new movement of legal thought that argues the US should fundamentally overhaul the way it approaches antitrust. The crux of their argument is that courts should broaden the values they consider when deciding whether to block a merger or break up a dominant company. Rather than focus narrowly on the impact a company has on consumer prices, they argue that judges should also think about a company’s impact on small businesses, labor rights, and the health of democracy.

Khan and Wu have already secured a win for their cause just by being appointed—essentially a White House stamp of approval on their viewpoints. But despite much handwringing from industry groups, neither appointee will be able to single-handedly remake American antitrust in their image.

How the FTC can tackle antitrust

To be sure, Wu can advocate loudly for his preferred policies from his perch at the NEC, which advises the president on economic policy. And if Khan makes it to the FTC, which is the top US antitrust enforcement agency, she’ll have direct influence over which investigations the agency prioritizes, which lawsuits it brings, and whether its prosecutors will ask judges to impose fines, break up dominant firms, or require them to change their business practices.

But there are clear limits to their power. The most the FTC can do is bring more antitrust cases that ask courts for more aggressive remedies, like breakups. That would allow the agency to make a point about what it considers acceptable business behavior. But many of those lawsuits would be bound to lose in front of judges who have grown far more skeptical of antitrust cases over the past four decades and far more conservative over the past four years.

A larger caseload would also require Congress to approve more funding for the cash-strapped agency, which is already struggling to pay for its current docket. “The agencies have been asked on many occasions to do a lot with relatively little…but it’s not for free,” says former FTC chair and George Washington University law professor Bill Kovacic. If the FTC wants to pursue more large cases without a bigger budget, “they’ll have to make choices, and those choices will involve backing off of other areas of enforcement.”

The FTC could also decide to dust off its rarely used rule-making power and declare certain anticompetitive business practices illegal. But any new rule would almost certainly trigger legal challenges, which would spark a long, expensive court battle in front of judges who aren’t likely to be sympathetic. Kovacic estimates the process could take four or five years—and in the end, judges might just strike the rule down.

How Congress can tackle antitrust

The best hope for stricter antitrust enforcement lies in Congress. Lawmakers could pass bills, like one recently proposed by Minnesota senator Amy Klobuchar, that would make it easier for enforcement agencies to challenge mergers and acquisitions. They could even go a step further and draft an updated set of antitrust laws, perhaps following the blueprint laid out in last year’s antitrust report from the House of Representatives (which was co-authored by Khan). Armed with new laws clearly banning specific behaviors, prosecutors at the Department of Justice and the FTC would stand a better chance winning cases against well-funded adversaries like Facebook and Google.

Those steps wouldn’t hinge on heroics from antitrust hardliners like Khan and Wu. Instead, their success would depend on the whims of Senate centrists like West Virginia’s Joe Manchin, who has lately been flexing his power to derail the chamber’s democratic majority in opposition to left-wing priorities like a $15 minimum wage.

Ultimately, Congress should be the body that sets US antitrust policy. It has the clearest authority to ban the bullying business tactics for which Big Tech firms have been criticized. Legislative fixes are likely to be quicker and less vulnerable to court challenges—not to mention more democratic—than changing FTC rules. And it has traditionally been Congress’s prerogative to keep the country’s antitrust policy up to date: Legislators updated the monopoly laws every two decades or so between 1890 and 1950 to respond to new threats. They’ve just neglected that tradition for the past 70 years.

#### That decimates the FTC---losses threaten the institution.

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But the current FTC leadership seems to have overlooked the agency’s history. As such, it has already promised to produce different policy outcomes and noted that the Section 5 Policy Guidelines were shortsighted. As a result, the current FTC has decided, with the support of the other two Democratic Commissioners, to rescind the Policy Guidelines.

It is unknown whether the current FTC will try to adopt different guidelines or whether it will start opening more cases under Section 5 of the FTC Act. Furthermore, it is less clear whether the new FTC leadership currently counts with the sufficient and aligned Neo-Brandeisian human talent to bring solid cases that are not based on the consumer welfare standard or to litigate before judges that support the Neo-Brandeisian vision of antitrust.

What seems clear is that the new agency’s leader might find it hard to bring all Commissioners to an agreement with respect to what the agency can do with Section 5 of the FTC Act, and this situation, in and of itself, puts the agency in peril.

The FTC’s Rulemaking Authority

Another important policy change that may be detrimental to the FTC is its expressed willingness to expand the agency’s rulemaking authority under, e.g., Section 18 of the FTC Act. It is well known that in addition to its authority to investigate law violations by individuals and businesses, the FTC also has federal rulemaking authority to issue industry-wide regulations.

However, the agency’s rulemaking authority has been self-limited since the 80s in an effort to ensure the institution doesn’t overuse its capacity to adopt industry-wide regulations and raise concerns with those policy makers that are against the legislature deferring its core mandate to an independent agency that doesn’t represent the people.

Traditionally the legislature has the constitutional mandate to create laws affecting different sectors of the economy. Whereas it is legally accepted to design independent agencies with constrained mandates to adopt regulations, such powers are not necessarily understood to construe independent agencies as substitutes for the legislature’s powers. It is a basic tenet of administrative law, that agencies are constrained by the enabling statute that gives them authority to promulgate regulations in the first place.

Against this background, it seems risky for the new leadership to engage in broad rulemaking endeavors that might raise concerns from an institution legitimacy perspective. In the long term, it is predictable that many policymakers might not be supportive of an agency that implements its rulemaking authority in its broadest sense. As a result, some degree of political backlash against the agency might not help the agency’s lifecycle, especially if the agency is not granted with specific legislative guidance in the form of new legislation.

The Future of the FTC

One of the most challenging matters to tackle when it comes to leadership of antitrust authorities, or administrative agency for that matter, is legacy and the impact for the future of the agency. To put it simply, while antitrust leaders leave agencies, the side effects of leadership’s successes and failures condition the future of the agencies. Their leadership has consequences and sets precedent which will bind the agency well into the future.

Under the current political context, it would not be surprising if the current Neo-Brandeisian FTC enjoyed political support and success with its decision to bring big cases, especially against leading tech companies. In the short term, if the FTC makes headlines for opening cases against “Big Tech”, policymakers pushing for antitrust reforms will surely applaud the new changes as they would reflect a commitment to enhanced enforcement outcomes notwithstanding the strength of the cases.

However, in the mid-and long-term, if the FTC loses the big cases, the commitment to policy outcomes won’t be met. And then, it is unlikely that the question would be whether the antitrust norms are fit for today’s economy, but rather if the agency is capable of executing its mandate effectively. The recent decision in the FTC v. Facebook case is a good example of this paradigm, where the Judge expressed that the FTC had not carried out a sufficiently robust analysis supported by evidence, and therefore dismissed the case.

Eventually, the agency’s short-term reputational gains could quickly turn into a debacle for the institution itself with the caveat that by then, most probably, Neo-Brandeisian leadership will be long gone. Unfortunately then, the U.S. antitrust system — which is the only one to keep two federal antitrust agencies, bringing about positive outcomes for consumers — might be at risk. Political support to merge these two institutions could gain even more support, as has happened in the past, to the detriment of consumers.

#### Trust solves fraud and privacy violation---it’s a prerequisite to all reforms.

Testimony of Ted Mermin 21. Executive Director Center for Consumer Law & Economic Justice UC Berkeley School of Law. Before the United States House of Representatives Committee on Energy & Commerce Subcommittee on Consumer Protection and Commerce Hearing on “The Consumer Protection and Recovery Act: Returning Money to Defrauded Consumers”. https://docs.house.gov/meetings/IF/IF17/20210427/112501/HHRG-117-IF17-Wstate-MerminT-20210427.pdf

10. Trust the FTC. This final step informs all the others. There can be no doubt that there is more work to do protecting consumers than the FTC currently has the tools or resources to accomplish. There is also no doubt that the FTC has been trammeled in ways that its sister agencies, federal and state, have not. Whatever the reason, it is high time to retire the “zombie ideas” about the FTC – that the Commission is unnecessary, or overreaching, or heavy-handed, or inefficient.23 It is time, as one commissioner stated in Senate testimony last week, to “turn the page on the FTC’s perceived powerlessness.”24

For an American public eager for greater – not lesser – protection from increasingly sophisticated scam artists, deceptive advertisers, and privacy violating tech companies, building an effective FTC is an easy decision. It can and should be for this committee as well.

IV. Conclusion

This subcommittee meets at a remarkable historical moment, when the COVID-19 pandemic has revealed the profound need for a robust Federal Trade Commission just days after the Supreme Court made action by Congress an absolute necessity. This is a perilous time, with the chief protector of American consumers rendered nearly powerless just when those consumers are experiencing a heightened threat resulting from a once-in-a-century pandemic. The Consumer Protection and Recovery Act provides a critical first step toward restoring authority and effectiveness to the nation’s leading consumer protection agency.

Swift action to restore the FTC’s traditional 13(b) authority means that when constituents contact your office, and tell your staff that they have lost their life’s savings to a work-at-home scam, or their identity has been stolen and someone has opened accounts in their name, or they just spent their stimulus payment on a supposed cure for COVID for their grandmother who’s on a respirator – there will still be an agency to refer them to. No one wants that staffer to have to add: “Well, we could send you to the FTC, but they don’t actually have the power to get you your money back.”

Inaction or delay will mean no recovery for millions of wronged American consumers. The time to pass the Consumer Protection and Recovery Act is now.

#### Fraud funds terrorists.

Frank S. Perri 10. Frank S. Perri, J.D., CFE, CPA. "The Fraud-Terror Link:". No Publication. xx-xx-xxxx. https://www.fraud-magazine.com/article.aspx?id=4294967888

The threat of terrorism has become the principal security concern in the United States since 9/11. Some might perceive that fraud isn’t linked to terrorism because white-collar crime issues are more the province of organized crime, but that perception is misguided. Terrorists derive funding from a variety of criminal activities ranging in scale and sophistication – from low-level crime to organized narcotics smuggling and fraud. CFEs need to know the latest links between fraud and terror.

Credit card fraud, wire fraud, mortgage fraud, charitable donation fraud, insurance fraud, identity theft, money laundering, immigration fraud, and tax evasion are just some of the types of fraud commonly used to fund terrorist cells. Such groups will also use shell companies to receive and distribute illicit funds. On the surface, these companies might engage in legitimate activities to establish a positive reputation in the business community.

Financing is required not just to fund specific terrorist operations but to meet the broader organizational costs of developing and maintaining a terrorist organization and to create an enabling environment necessary to sustain their activities. The direct costs of mounting individual attacks have been relatively low considering the damage they can yield.

“Part of the problem is that it takes so little to finance an operation,” said Gary LaFree, director of the University of Maryland’s National Consortium for the Study of Terrorism and Responses to Terrorism.2 For example, the 2005 London bombings cost about $15,600.3 The 2000 bombing of the USS Cole is estimated to have cost between $5,000 and $10,000.4 Al-Qaida’s entire 9/11 operation cost between $400,000 and $500,000, according to the final report of the National Commission on Terrorist Attacks Upon the United States.5

Terrorist groups require significant funds to create and maintain an infrastructure of organizational support, sustain an ideology of terrorism through propaganda, and finance the ostensibly legitimate activities needed to provide a veil of legitimacy for their shell companies.6 However, don’t think that only large operations are needed for terrorists to carry out attacks; small semi-autonomous cells in many countries are often just as capable of conducting disruptive activities without extensive outside financial help – they just conduct smaller-scale frauds.7

Even though the nexus between fraud and terrorism is undisputed, there’s concern at state and local levels that law enforcement professionals lack specialized knowledge on how to detect the fraud-terror link because they’re more apt to investigate and prosecute violent crimes.8

A critical lack of awareness about terrorists’ links to fraud schemes is undermining the fight against terrorism. Fraud analysis must be central, not peripheral, in understanding the patterns of terrorist behavior.9

#### Causes extinction---nuclear escalation.

Matthew Bunn & Nickolas Roth 17. \*Professor of practice at the Harvard Kennedy School. \*\*Research associate at the Belfer Center’s Project on Managing the Atom at Harvard University and research fellow at the Center for International and Security Studies at the University of Maryland. “The effects of a single terrorist nuclear bomb.” Bulletin of the Atomic Scientists, http://thebulletin.org/effects-single-terrorist-nuclear-bomb11150

The escalating threats between North Korea and the United States make it easy to forget the “nuclear nightmare,” as former US Secretary of Defense William J. Perry put it, that could result even from the use of just a single terrorist nuclear bomb in the heart of a major city. At the risk of repeating the vast literature on the tragedies of Hiroshima and Nagasaki—and the substantial literature surrounding nuclear tests and simulations since then—we attempt to spell out here the likely consequences of the explosion of a single terrorist nuclear bomb on a major city, and its subsequent ripple effects on the rest of the planet. Depending on where and when it was detonated, the blast, fire, initial radiation, and long-term radioactive fallout from such a bomb could leave the heart of a major city a smoldering radioactive ruin, killing tens or hundreds of thousands of people and wounding hundreds of thousands more. Vast areas would have to be evacuated and might be uninhabitable for years. Economic, political, and social aftershocks would ripple throughout the world. A single terrorist nuclear bomb would change history. The country attacked—and the world—would never be the same. The idea of terrorists accomplishing such a thing is, unfortunately, not out of the question; it is far easier to make a crude, unsafe, unreliable nuclear explosive that might fit in the back of a truck than it is to make a safe, reliable weapon of known yield that can be delivered by missile or combat aircraft. Numerous government studies have concluded that it is plausible that a sophisticated terrorist group could make a crude bomb if they got the needed nuclear material. And in the last quarter century, there have been some 20 seizures of stolen, weapons-usable nuclear material, and at least two terrorist groups have made significant efforts to acquire nuclear bombs. Terrorist use of an actual nuclear bomb is a low-probability event—but the immensity of the consequences means that even a small chance is enough to justify an intensive effort to reduce the risk. Fortunately, since the early 1990s, countries around the world have significantly reduced the danger—but it remains very real, and there is more to do to ensure this nightmare never becomes reality. Brighter than a thousand suns. Imagine a crude terrorist nuclear bomb—containing a chunk of highly enriched uranium just under the size of a regulation bowling ball, or a much smaller chunk of plutonium—suddenly detonating inside a delivery van parked in the heart of a major city. Such a terrorist bomb would release as much as 10 kilotons of explosive energy, or the equivalent of 10,000 tons of conventional explosives, a volume of explosives large enough to fill all the cars of a mile-long train. In a millionth of a second, all of that energy would be released inside that small ball of nuclear material, creating temperatures and pressures as high as those at the center of the sun. That furious energy would explode outward, releasing its energy in three main ways: a powerful blast wave; intense heat; and deadly radiation. The ball would expand almost instantly into a fireball the width of four football fields, incinerating essentially everything and everyone within. The heated fireball would rise, sucking in air from below and expanding above, creating the mushroom cloud that has become the symbol of the terror of the nuclear age. The ionized plasma in the fireball would create a localized electromagnetic pulse more powerful than lightning, shorting out communications and electronics nearby—though most would be destroyed by the bomb’s other effects in any case. (Estimates of heat, blast, and radiation effects in this article are drawn primarily from Alex Wellerstein’s “Nukemap,” which itself comes from declassified US government data, such as the 660-page government textbook The Effects of Nuclear Weapons.) At the instant of its detonation, the bomb would also release an intense burst of gamma and neutron radiation which would be lethal for nearly everyone directly exposed within about two-thirds of a mile from the center of the blast. (Those who happened to be shielded by being inside, or having buildings between them and the bomb, would be partly protected—in some cases, reducing their doses by ten times or more.) The nuclear flash from the heat of the fireball would radiate in both visible light and the infrared; it would be “brighter than a thousand suns,” in the words of the title of a book describing the development of nuclear weapons—adapting a phrase from the Hindu epic the Bhagavad-Gita. Anyone who looked directly at the blast would be blinded. The heat from the fireball would ignite fires and horribly burn everyone exposed outside at distances of nearly a mile away. (In the Nagasaki Atomic Bomb Museum, visitors gaze in horror at the bones of a human hand embedded in glass melted by the bomb.) No one has burned a city on that scale in the decades since World War II, so it is difficult to predict the full extent of the fire damage that would occur from the explosion of a nuclear bomb in one of today’s cities. Modern glass, steel, and concrete buildings would presumably be less flammable than the wood-and-rice-paper housing of Hiroshima or Nagasaki in the 1940s—but many questions remain, including exactly how thousands of broken gas lines might contribute to fire damage (as they did in Dresden during World War II). On 9/11, the buildings of the World Trade Center proved to be much more vulnerable to fire damage than had been expected. Ultimately, even a crude terrorist nuclear bomb would carry the possibility that the countless fires touched off by the explosion would coalesce into a devastating firestorm, as occurred at Hiroshima. In a firestorm, the rising column of hot air from the massive fire sucks in the air from all around, creating hurricane-force winds; everything flammable and everything alive within the firestorm would be consumed. The fires and the dust from the blast would make it extremely difficult for either rescuers or survivors to see. The explosion would create a powerful blast wave rushing out in every direction. For more than a quarter-mile all around the blast, the pulse of pressure would be over 20 pounds per square inch above atmospheric pressure (known as “overpressure”), destroying or severely damaging even sturdy buildings. The combination of blast, heat, and radiation would kill virtually everyone in this zone. The blast would be accompanied by winds of many hundreds of miles per hour. The damage from the explosion would extend far beyond this inner zone of almost total death. Out to more than half a mile, the blast would be strong enough to collapse most residential buildings and create a serious danger that office buildings would topple over, killing those inside and those in the path of the rubble. (On the other hand, the office towers of a modern city would tend to block the blast wave in some areas, providing partial protection from the blast, as well as from the heat and radiation.) In that zone, almost anything made of wood would be destroyed: Roofs would cave in, windows would shatter, gas lines would rupture. Telephone poles, street lamps, and utility lines would be severely damaged. Many roads would be blocked by mountains of wreckage. In this zone, many people would be killed or injured in building collapses, or trapped under the rubble; many more would be burned, blinded, or injured by flying debris. In many cases, their charred skin would become ragged and fall off in sheets. The effects of the detonation would act in deadly synergy. The smashed materials of buildings broken by the blast would be far easier for the fires to ignite than intact structures. The effects of radiation would make it far more difficult for burned and injured people to recover. The combination of burns, radiation, and physical injuries would cause far more death and suffering than any one of them would alone. The silent killer. The bomb’s immediate effects would be followed by a slow, lingering killer: radioactive fallout. A bomb detonated at ground level would dig a huge crater, hurling tons of earth and debris thousands of feet into the sky. Sucked into the rising fireball, these particles would mix with the radioactive remainders of the bomb, and over the next few hours or days, the debris would rain down for miles downwind. Depending on weather and wind patterns, the fallout could actually be deadlier and make a far larger area unusable than the blast itself. Acute radiation sickness from the initial radiation pulse and the fallout would likely affect tens of thousands of people. Depending on the dose, they might suffer from vomiting, watery diarrhea, fever, sores, loss of hair, and bone marrow depletion. Some would survive; some would die within days; some would take months to die. Cancer rates among the survivors would rise. Women would be more vulnerable than men—children and infants especially so. Much of the radiation from a nuclear blast is short-lived; radiation levels even a few days after the blast would be far below those in the first hours. For those not killed or terribly wounded by the initial explosion, the best advice would be to take shelter in a basement for at least several days. But many would be too terrified to stay. Thousands of panic-stricken people might receive deadly doses of radiation as they fled from their homes. Some of the radiation will be longer-lived; areas most severely affected would have to be abandoned for many years after the attack. The combination of radioactive fallout and the devastation of nearly all life-sustaining infrastructure over a vast area would mean that hundreds of thousands of people would have to evacuate. Ambulances to nowhere. The explosion would also destroy much of the city’s ability to respond. Hospitals would be leveled, doctors and nurses killed and wounded, ambulances destroyed. (In Hiroshima, 42 of 45 hospitals were destroyed or severely damaged, and 270 of 300 doctors were killed.) Resources that survived outside the zone of destruction would be utterly overwhelmed. Hospitals have no ability to cope with tens or hundreds of thousands of terribly burned and injured people all at once; the United States, for example, has 1,760 burn beds in hospitals nationwide, of which a third are available on any given day. And the problem would not be limited to hospitals; firefighters, for example, would have little ability to cope with thousands of fires raging out of control at once. Fire stations and equipment would be destroyed in the affected area, and firemen killed, along with police and other emergency responders. Some of the first responders may become casualties themselves, from radioactive fallout, fire, and collapsing buildings. Over much of the affected area, communications would be destroyed, by both the physical effects and the electromagnetic pulse from the explosion. Better preparation for such a disaster could save thousands of lives—but ultimately, there is no way any city can genuinely be prepared for a catastrophe on such a historic scale, occurring in a flash, with zero warning. Rescue and recovery attempts would be impeded by the destruction of most of the needed personnel and equipment, and by fire, debris, radiation, fear, lack of communications, and the immense scale of the disaster. The US military and the national guard could provide critically important capabilities—but federal plans assume that “no significant federal response” would be available for 24-to-72 hours. Many of those burned and injured would wait in vain for help, food, or water, perhaps for days. The scale of death and suffering. How many would die in such an event, and how many would be terribly wounded, would depend on where and when the bomb was detonated, what the weather conditions were at the time, how successful the response was in helping the wounded survivors, and more. Many estimates of casualties are based on census data, which reflect where people sleep at night; if the attack occurred in the middle of a workday, the numbers of people crowded into the office towers at the heart of many modern cities would be far higher. The daytime population of Manhattan, for example, is roughly twice its nighttime population; in Midtown on a typical workday, there are an estimated 980,000 people per square mile. A 10-kiloton weapon detonated there might well kill half a million people—not counting those who might die of radiation sickness from the fallout. (These effects were analyzed in great detail in the Rand Corporation’s Considering the Effects of a Catastrophic Terrorist Attack and the British Medical Journal’s “Nuclear terrorism.”) On a typical day, the wind would blow the fallout north, seriously contaminating virtually all of Manhattan above Gramercy Park; people living as far away as Stamford, Connecticut would likely have to evacuate. Seriously injured survivors would greatly outnumber the dead, their suffering magnified by the complete inadequacy of available help. The psychological and social effects—overwhelming sadness, depression, post-traumatic stress disorder, myriad forms of anxiety—would be profound and long-lasting. The scenario we have been describing is a groundburst. An airburst—such as might occur, for example, if terrorists put their bomb in a small aircraft they had purchased or rented—would extend the blast and fire effects over a wider area, killing and injuring even larger numbers of people immediately. But an airburst would not have the same lingering effects from fallout as a groundburst, because the rock and dirt would not be sucked up into the fireball and contaminated. The 10-kiloton blast we have been discussing is likely toward the high end of what terrorists could plausibly achieve with a crude, improvised bomb, but even a 1-kiloton blast would be a catastrophic event, having a deadly radius between one-third and one-half that of a 10-kiloton blast. These hundreds of thousands of people would not be mere statistics, but countless individual stories of loss—parents, children, entire families; all religions; rich and poor alike—killed or horribly mutilated. Human suffering and tragedy on this scale does not have to be imagined; it can be remembered through the stories of the survivors of the US atomic bombings of Hiroshima and Nagasaki, the only times in history when nuclear weapons have been used intentionally against human beings. The pain and suffering caused by those bombings are almost beyond human comprehension; the eloquent testimony of the Hibakusha—the survivors who passed through the atomic fire—should stand as an eternal reminder of the need to prevent nuclear weapons from ever being used in anger again. Global economic disaster. The economic impact of such an attack would be enormous. The effects would reverberate for so far and so long that they are difficult to estimate in all their complexity. Hundreds of thousands of people would be too injured or sick to work for weeks or months. Hundreds of thousands more would evacuate to locations far from their jobs. Many places of employment would have to be abandoned because of the radioactive fallout. Insurance companies would reel under the losses; but at the same time, many insurance policies exclude the effects of nuclear attacks—an item insurers considered beyond their ability to cover—so the owners of thousands of buildings would not have the insurance payments needed to cover the cost of fixing them, thousands of companies would go bankrupt, and banks would be left holding an immense number of mortgages that would never be repaid. Consumer and investor confidence would likely be dramatically affected, as worried people slowed their spending. Enormous new homeland security and military investments would be very likely. If the bomb had come in a shipping container, the targeted country—and possibly others—might stop all containers from entering until it could devise a system for ensuring they could never again be used for such a purpose, throwing a wrench into the gears of global trade for an extended period. (And this might well occur even if a shipping container had not been the means of delivery.) Even the far smaller 9/11 attacks are estimated to have caused economic aftershocks costing almost $1 trillion even excluding the multi-trillion-dollar costs of the wars that ensued. The cost of a terrorist nuclear attack in a major city would likely be many times higher. The most severe effects would be local, but the effects of trade disruptions, reduced economic activity, and more would reverberate around the world. Consequently, while some countries may feel that nuclear terrorism is only a concern for the countries most likely to be targeted—such as the United States—in reality it is a threat to everyone, everywhere. In 2005, then-UN Secretary-General Kofi Annan warned that these global effects would push “tens of millions of people into dire poverty,” creating “a second death toll throughout the developing world.” One recent estimate suggested that a nuclear attack in an urban area would cause a global recession, cutting global Gross Domestic Product by some two percent, and pushing an additional 30 million people in the developing world into extreme poverty. Desperate dilemmas. In short, an act of nuclear terrorism could rip the heart out of a major city, and cause ripple effects throughout the world. The government of the country attacked would face desperate decisions: How to help the city attacked? How to prevent further attacks? How to respond or retaliate? Terrorists—either those who committed the attack or others—would probably claim they had more bombs already hidden in other cities (whether they did or not), and threaten to detonate them unless their demands were met. The fear that this might be true could lead people to flee major cities in a large-scale, uncontrolled evacuation. There is very little ability to support the population of major cities in the surrounding countryside. The potential for widespread havoc and economic chaos is very real. If the detonation took place in the capital of the nation attacked, much of the government might be destroyed. A bomb in Washington, D.C., for example, might kill the President, the Vice President, and many of the members of Congress and the Supreme Court. (Having some plausible national leader survive is a key reason why one cabinet member is always elsewhere on the night of the State of the Union address.) Elaborate, classified plans for “continuity of government” have already been drawn up in a number of countries, but the potential for chaos and confusion—if almost all of a country’s top leaders were killed—would still be enormous. Who, for example, could address the public on what the government would do, and what the public should do, to respond? Could anyone honestly assure the public there would be no further attacks? If they did, who would believe them? In the United States, given the practical impossibility of passing major legislation with Congress in ruins and most of its members dead or seriously injured, some have argued for passing legislation in advance giving the government emergency powers to act—and creating procedures, for example, for legitimately replacing most of the House of Representatives. But to date, no such legislative preparations have been made. In what would inevitably be a desperate effort to prevent further attacks, traditional standards of civil liberties might be jettisoned, at least for a time—particularly when people realized that the fuel for the bomb that had done such damage would easily have fit in a suitcase. Old rules limiting search and surveillance could be among the first to go. The government might well impose martial law as it sought to control the situation, hunt for the perpetrators, and find any additional weapons or nuclear materials they might have. Even the far smaller attacks of 9/11 saw the US government authorizing torture of prisoners and mass electronic surveillance. And what standards of international order and law would still hold sway? The country attacked might well lash out militarily at whatever countries it thought might bear a portion of responsibility. (A terrifying description of the kinds of discussions that might occur appeared in Brian Jenkins’ book, Will Terrorists Go Nuclear?) With the nuclear threshold already crossed in this scenario—at least by terrorists—it is conceivable that some of the resulting conflicts might escalate to nuclear use. International politics could become more brutish and violent, with powerful states taking unilateral action, by force if necessary, in an effort to ensure their security. After 9/11, the United States led the invasions of two sovereign nations, in wars that have since cost hundreds of thousands of lives and trillions of dollars, while plunging a region into chaos. Would the reaction after a far more devastating nuclear attack be any less?

#### FTC’s enforcement reputation solves global emerging tech---leadership and legitimacy are key.

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Despite these limitations, the FTC has a formidable reputation as an enforcement authority, and commercial entities, and their lawyers, pay close attention to its orders and decisions.248 For example, when the FTC issues a complaint, it is published on the FTC’s website, which often generates significant attention in the privacy community.249 One reason for this is the fear firms have of the FTC’s auditing process, which not only is “exhaustive and demanding,” but can last for as long as 20 years.250 As such, the FTC settles most of the enforcement actions it initiates.251 Firms are motivated to settle with the FTC because they can avoid having to admit any wrongdoing in exchange for taking remedial measures, and thus they also avoid the costs to their reputation from apologizing.252

Though done by necessity, the rule-making process the FTC engages in with its consent orders and settlement agreements can be of benefit when regulating emerging technologies. 253 For one, it allows the flexibility needed to adapt to new and rapidly changing situations.254 Further, the FTC can wait and see if an industry consensus develops around a particular standard before codifying that rule through its enforcement actions.255 As with the common law, which has long demonstrated the ability to adjust to technological changes iteratively, the FTC’s incremental case-bycase approach can help minimize the risks of producing incorrect or inappropriate regulatory policy outcomes.256

In addition to its use of consent orders and settlement agreements, the FTC has created a type of “soft law” by issuing guidelines, press releases, workshops, and white papers.257 Unlike in enforcement actions, where the FTC looks at a company’s conduct and sees how its behavior compares to industry standards, the FTC arrives at the best practices it develops for guidance purposes through a “deep and ongoing engagement with all stakeholders.”258 As such, not only is the FTC’s authority broad enough to regulate the use of emerging technologies such as AI in commerce, but the FTC’s enforcement actions also constitute a body of jurisprudence the FTC can rely on to address the real and potential harms that stem from the deployment of consumeroriented AI.259

Given its broad grant of authority, the regulatory tools at its disposal, and its experience dealing with emerging technologies, the FTC is currently in the best position to take the lead in regulating AI. The FTC’s leadership is sorely needed to fill in the remaining – and quite large – gaps in those few sectoral laws that specifically address AI and algorithmic decision-making.260 Several factors make the FTC the ideal agency for this role. First, the FTC can use its broad Section 5 powers to respond rapidly and nimbly to the types of unanticipated regulatory issues AI is likely to create.261

Second, the FTC has an established history of approaching emerging technologies with “a light regulatory touch” during their beginning stages, waiting to increase its regulatory efforts only once the technology has become more established.262 This approach provides the innovative space needed for new technologies such as AI to develop to their full potential. Thus, as it has in the past, the FTC would focus on disclosure requirements rather than conduct prohibition, and take a case-by-case approach rather than rely on rulemaking.263 Also, as it has traditionally done, the FTC can hold public events on consumer-related AI and issue reports and white papers to guide industry.264

In other words, the FTC has long taken a co-regulatory approach to regulation, which it can and should proceed to do with AI. As in other emerging technology areas, this will help industry continue to grow and innovate, while allowing for the calibration among all relevant stakeholders of the “appropriate expectations” concerning the use and deployment of AI decision-making systems.265 At the same time, the FTC should use its regulatory powers to nudge, and when necessary, push companies to refrain from engaging in unfair and deceptive trade practices in the design and deployment of AI systems.266 The FTC should also place the onus on firms that design and implement those systems to ensure misplaced or unrealistic consumer expectations about AI are corrected.267

By nudging (or pushing) firms in this way, the FTC can “gradually impose a set of sticky default practices that companies can only deviate from if they very explicitly notify consumers.”268 In terms of disclosure requirements, as it has done in other contexts, the FTC can develop rules and guidelines for “when and how a company must disclose information to avoid deception and protect a consumer from harm,” which can include requiring firms to adopt the equivalent of a privacy policy. 269 Given the black box like nature of most algorithmic decision-making processes, there is much that AI developers might have to disclose to prevent those processes from being deemed unfair or deceptive.270

In addition, given its broad authority under Section 5, the FTC is able to address small, nuanced changes in AI design that could adversely affect consumers, but that other areas of law, such as tort, may not be able to adequately handle.271 Again, this is important because AI and algorithmic decision-making can pose profound and systemic risks of harm, even though the actual harm to individual consumers may be small or hard to quantify. And as it has done in the area of privacy, the FTC can become the de facto federal agency authority charged with protecting consumers from harms caused by AI systems and other algorithmic decisionmaking processes.272

The FTC also can, and should, seek to work with other agencies to address AI-related harms, given that the regulatory efforts of other agencies will still occur and be needed in specific sectors or industries, which would impact and be relevant to the FTC’s efforts as well.273 Agency cooperation is essential to ensuring regulatory consistency, accuracy, and efficiency in the type of complex, varied technological landscape that AI presents.274 This should not be a problem as the FTC’s Section 5 authority overlaps regularly with the authority of other agencies, and the FTC itself has a history of cooperating with those agencies.275 Further, the FTC can use its experience working with other agencies to build standards and policy consensus within the regulatory community and among stakeholders. 276

The overarching role the FTC has played in protecting consumer privacy within the United States also has given it legitimacy within the wider privacy community. The FTC has been pivotal over time in promoting international confidence in the United States’ ability to regulate privacy by for example acting as the essential mechanism for enforcing the Safe Harbor Agreement with the European Union.277 As it takes on a similar overarching regulatory role for AI and algorithmic decision-making processes in this country, the FTC should gain a similar level of legitimacy internationally. This is important given the increasingly cross border nature of AI research and development.

#### Unregulated emerging tech cause extinction---outweighs nuclear war.

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The risks from anthropogenic hazards appear at present larger than those from natural ones. Although great progress has been made in reducing the number of nuclear weapons in the world, humanity is still threatened by the possibility of a global thermonuclear war and a resulting nuclear winter. We may face even greater risks from emerging technologies. Advances in synthetic biology might make it possible to engineer pathogens capable of extinction-level pandemics. The knowledge, equipment, and materials needed to engineer pathogens are more accessible than those needed to build nuclear weapons. And unlike other weapons, pathogens are self-replicating, allowing a small arsenal to become exponentially destructive. Pathogens have been implicated in the extinctions of many wild species. Although most pandemics “fade out” by reducing the density of susceptible populations, pathogens with wide host ranges in multiple species can reach even isolated individuals. The intentional or unintentional release of engineered pathogens with high transmissibility, latency, and lethality might be capable of causing human extinction. While such an event seems unlikely today, the likelihood may increase as biotechnologies continue to improve at a rate rivaling Moore’s Law.

Farther out in time are technologies that remain theoretical but might be developed this century. Molecular nanotechnology could allow the creation of self-replicating machines capable of destroying the ecosystem. And advances in neuroscience and computation might enable improvements in cognition that accelerate the invention of new weapons. A survey at the Oxford conference found that concerns about human extinction were dominated by fears that new technologies would be misused. These emerging threats are especially challenging as they could become dangerous more quickly than past technologies, outpacing society’s ability to control them. As H.G. Wells noted, “Human history becomes more and more a race between education and catastrophe.”

Such remote risks may seem academic in a world plagued by immediate problems, such as global poverty, HIV, and climate change. But as intimidating as these problems are, they do not threaten human existence. In discussing the risk of nuclear winter, Carl Sagan emphasized the astronomical toll of human extinction:

A nuclear war imperils all of our descendants, for as long as there will be humans. Even if the population remains static, with an average lifetime of the order of 100 years, over a typical time period for the biological evolution of a successful species (roughly ten million years), we are talking about some 500 trillion people yet to come. By this criterion, the stakes are one million times greater for extinction than for the more modest nuclear wars that kill “only” hundreds of millions of people. There are many other possible measures of the potential loss–including culture and science, the evolutionary history of the planet, and the significance of the lives of all of our ancestors who contributed to the future of their descendants. Extinction is the undoing of the human enterprise.

There is a discontinuity between risks that threaten 10 percent or even 99 percent of humanity and those that threaten 100 percent. For disasters killing less than all humanity, there is a good chance that the species could recover. If we value future human generations, then reducing extinction risks should dominate our considerations. Fortunately, most measures to reduce these risks also improve global security against a range of lesser catastrophes, and thus deserve support regardless of how much one worries about extinction. These measures include:

### Extra---Inequality---2AC

#### Concentration reduces wages---antitrust solves.

Zachary Brown 21. Program Associate. “The Harms of Monopolies on American Workers” Public Citizen. 11-2-21. <https://www.citizen.org/news/the-harms-of-monopolies-on-american-worker/>

Antitrust law and its enforcement **need a major overhaul.** Mergers of large corporations across the country disastrously impacts our economy. And while the broad economic effect of monopolistic rule often hogs all of the attention, we can’t forget the **strong impact** these corporate behemoths have on **American workers.**

In a hearing last month, the House Judiciary Committee took up this very problem. Multiple antitrust experts were called to testify. They illustrated that **effective antitrust protections benefit workers.** Just in case you missed it, here are a few quick hits from the hearing to keep you in the loop.

**More Competition, More Worker Empowerment**

Throughout the hearing, it was repeatedly shown that the lack of competition in the economic landscape **damages conditions for workers**. As markets become more concentrated, **income and wages decrease**, Brian Callaci, chief economist of the Open Markets Institute, testified. Additionally, labor market concentration also has a positive correlation with the amount of **labor rights violations**. Callaci went on to explain that monopsony power, in which there is one dominant buyer (employer) with many sellers (employees), leads to an unfair power balance that leaves workers at a distinct disadvantage. Put simply, if there’s an overwhelmingly powerful boss in town, they can set the salary to whatever they want without fear of competition.

During the hearing, we also heard about the effects of consolidation on workers from Daniel Gross, a delivery driver for United Parcel Service. Citing Amazon’s growth over the years, Gross explained that Amazon’s last mile delivery network especially harms workers because Amazon occupies an increasing percentage of the delivery market yet pays its workers less than UPS. Amazon’s unique power to link its online retail business to its delivery and logistics business puts other delivery services such as USPS, UPS, FedEx, and DHL at a clear disadvantage. This allows Amazons to unduly influence the market for labor conditions.

A Gap in Antitrust Law

Speaking to the distinct impact that the enforcement of antitrust laws could have on the labor markets, Eric Posner, a professor from the University of Chicago Law School, detailed a **“litigation gap” in antitrust** law. While antitrust cases usually revolve around the harms done to other companies, very few decisions consider the effects that mergers and monopolies **have on workers**. Concerns about mergers leading to higher prices are usually central to the debate, while concerns about mergers’ effect on wages are often treated as an afterthought. But recent research shows that **anticompetitive behaviors are just as prevalent in the labor market space** as the product market space.

Posner explained that the Justice Department and the Federal Trade Commission have never challenged a merger because of its anticompetitive effects on labor markets, specifically. Workers deserve fair resources, wages, and conditions – encouraging and protecting competition between companies provides the everyday worker better options.

We can find some encouragement that both President Biden and Jonathan Kanter, Biden’s recent nominee to lead the Justice Department’s Antitrust Division, have expressed an understanding of market concentration’s impact on workers. But it is up to all of us to keep the pressure on our elected officials and government.

Revamping antitrust enforcement to address effects on labor would **more equitably protect** **workers** across the country.

#### Reduced spending is the strongest internal link to the economy

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Conservatives blame the situation on excessively generous unemployment insurance benefits. But econometric studies comparing labor supply across US states suggest that these kinds of labor-disincentive effects are limited. And in any case, the expanded unemployment benefits are set to end in the fall, even though the global economic effects of the virus will linger.

Rather than panicking about inflation, we should be worrying about what will happen to aggregate demand when the funds provided by fiscal relief packages dry up. Many of those at the bottom of the income and wealth distribution have accumulated large debts – including, in some cases, more than a year’s worth of rent arrears, owing to temporary protections against eviction.

Reduced spending by indebted households is unlikely to be offset by those at the top, most of whom have accumulated savings during the pandemic. Given that spending on consumer durables remained robust during the past 16 months, it seems likely that the well-off will treat their additional savings as they would any other windfall: as something to be invested or spent slowly over the course of many years. Unless there is new public spending, the economy could once again suffer from insufficient aggregate demand.

Moreover, even if inflationary pressures were to become truly worrisome, we have tools to dampen demand (and using them would actually strengthen the economy’s long-term prospects). For starters, there is the US Federal Reserve’s interest-rate policy. The past decade-plus of near-zero interest rates has not been economically healthy. The scarcity value of capital is not zero. Low interest rates distort capital markets by triggering a search for yield that leads to excessively low risk premia. Returning to more normal interest rates would be a good thing (though the rich, who have been the primary beneficiaries of this era of super-low interest rates, may beg to differ).

# 2AC

## Inequality

### Degrowth---2AC

#### Cap is sustainable---decoupling solves---empirics prove---it happens because of market dynamics.

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In some important areas, however, a very different pattern emerged after 1970: Growth continued, but environmental harm decreased. This decoupling occurred first with pollution, and first in the rich world. In the US, for example, aggregate levels of six common air pollutants have declined by 77 percent, even as gross domestic product increased by 285 percent and population by 60 percent. In the UK, annual tonnage of particulate emissions dropped by more than 75 percent between 1970 and 2016, and of the main polluting chemicals by about 85 percent. Similar gains are common across the highest-income countries.

How were these reductions achieved? The two possibilities are cleanup and offshoring. Either rich countries figured out how to reduce their “air pollution per dollar” so much that overall pollution went down even as their economies grew, or they sent so much of their dirty production overseas that the air at home got cleaner. The first of these paths reduces the total burden of human-caused pollution; the second just rearranges it.

The evidence is overwhelming that rich countries cleaned up their air pollution much more than they outsourced it. For one, a great deal of air pollution comes from highway vehicles and power plants, and rich countries haven’t outsourced driving and generating electricity to low-income ones. In fact, high-income countries haven't even offshored most of their industry. The US and UK both manufacture more than they did 50 years ago (at least until the Covid-19 pandemic sharply reduced output), and Germany has been a net exporter since 2000 while continuing to drive down air pollution. The rest of the world has been exporting its manufacturing pollution to Germany (to use degrowthers’ phrasing), yet Germans are breathing cleaner air than they were 20 years ago.

Rich countries have reduced their air pollution not by embracing degrowth or offshoring, but instead by enacting and enforcing smart regulation. As economists Joseph Shapiro and Reed Walker concluded in a 2018 study about the US, “changes in environmental regulation, rather than changes in productivity and trade, account for most of the emissions reductions.” Research about the cleanup of US waters also concludes that well-designed and enforced regulations have successfully reduced pollution.

It is true that the US and other rich countries now import lots of products from China and other nations with higher pollution levels. But if there were no international trade at all, and rich countries had to rely exclusively on their domestic industries to make everything they consume, they’d still have much cleaner air and water than they did 50 years ago. As a 2004 Advances in Economic Analysis and Policy study summarized: “We find no evidence that domestic production of pollution-intensive goods in the US is being replaced by imports from overseas.”

The rich world’s success at decoupling growth from pollution is an inconvenient fact for degrowthers. Even more inconvenient is China's recent success at doing the same. China’s export-led, manufacturing-heavy economy has been growing at meteoric rates, but between 2013 and 2017 air pollution in densely populated areas declined by more than 30 percent. Here again the government mandated and monitored pollution declines and so decoupled growth from an important category of environmental harm.

Prosperity Bends the Curve

China's progress with air pollution is heartening, but it's not surprising to most economists. It's a clear example of the environmental Kuznets curve (EKC) in action. Named for the economist Simon Kuznets, EKC posits a relationship between a country's affluence and the condition of its environment. As GDP per capita rises from an initial low level, so too does environmental damage; but as affluence continues to increase, the harms level off and then start to decline. The EKC is clearly visible in the pollution histories of today's rich countries, and it's now taking shape in China and elsewhere.

Also consider air pollution death rates around the world. As the invaluable website Our World in Data puts it, “Rates have typically fallen across high-income countries: almost everywhere in Europe, but also in Canada, the United States, Australia, New Zealand, Japan, Israel and South Korea and other countries. But rates have also fallen across upper-middle income countries too, including China and Brazil. In low and lower-middle income countries, rates have increased over this period.”

The EKC is a direct refutation of a core idea of degrowth: that environmental harms must always rise as populations and economies do. It's not surprising that today's degrowth advocates rarely discuss the large reductions in air and water pollution that have accompanied higher prosperity in so many places around the world. Instead, degrowthers now focus heavily on one kind of pollution: greenhouse gas emissions.

The claims made are familiar ones: that any apparent reductions in greenhouse gas emissions in rich countries are due to offshoring rather than actual decarbonization. Thanks to the Global Carbon Project, we can see if this is the case. GCP has calculated “consumption-based emissions” for many countries going back to 1990, taking into account imports and exports, yielding the greenhouse gas emissions embodied in all the goods and services consumed in each country each year.

For several of the world's richest countries, including Germany, Italy, France, the UK, and the US, graphs of consumption-based carbon emissions follow the familiar EKC. The US, for example, has 2reduced its total (not per capita) consumption-based CO2 emissions by more than 13 percent since 2007.

These reductions are not mainly due to enhanced regulation. Instead, they've come about because of a combination of tech progress and market forces. Solar and wind power have become much cheaper in recent years and have displaced coal for electricity generation. Natural gas, which when burned emits fewer greenhouse gases per unit of energy than does coal (even after taking methane leakage into account), has also become much cheaper and more abundant in the US as a result of the fracking revolution.

How We Learned to Lighten Up

Tech progress and price pressure aren't just leading to the demise of coal. They're also causing us to exploit the planet less in many other important ways, even as growth continues. In other words, EKCs are not just about pollution any more.

A good place to start examining this broad phenomenon of getting more from less is US agriculture, where we have decades of data on both outputs—crop tonnage—and the key inputs of cropland, water, and fertilizer. Domestic crop tonnage has risen steadily over the years and in 2015 was more than 55 percent higher than in 1980. Over that same period, though, total water used for irrigation declined by 18 percent, total cropland by more than 7 percent. That is, over that 35-year period, US crop agriculture increased its output by more than half while giving an area of land larger than Indiana back to nature and eventually using a Lake Champlain less water each year. This was not accomplished by increasing fertilizer use; total US fertilizer consumption in 2014 (the most recent year for which data are available) was within 2 percent of its 1980 level.

The three main fertilizers of nitrogen, potassium, and phosphorus (NKP) are an interesting case study. Their total US consumption (once other uses in addition to agriculture are taken into account) has declined by 23 percent since 1980, according to the United States Geological Survey. Yet some within the degrowth movement find ways to argue that these declines are also an illusion. These materials thus serve to clearly illustrate the differences in methodology, evidence, and worldview between ecomodernists like myself and degrowthers.

The USGS tracks annual domestic production, imports, and exports of NKP and uses these figures to calculate “apparent consumption” each year. Consumption of each of the three resources has declined by 16 percent or more from their peaks, which occurred no later than 1998. This seems like a clear and convincing example of dematerialization—getting more output from fewer material inputs.

As I argue in my book More From Less, dematerialization doesn’t happen for any complicated or idiosyncratic reason. It happens because resources cost money that companies would rather not spend, and tech progress keeps opening up new ways to produce more output (like crops) while spending less on material inputs (like fertilizers). Modern digital technologies are so good at helping producers get more from less that they're now allowing the US and other technologically sophisticated countries to use less in total of important materials like NKP.

Forest products provide another clear example of dematerialization in the US. Total annual domestic consumption of paper and paperboard peaked in 1999, and of timber in 2002. Both totals have since declined by more than 20 percent. Could these be mirages caused by offshoring that’s not properly captured? That’s highly unlikely, as the country is now onshoring more than it’s offshoring. The US has been a net exporter of forest products since 2009 and is now the world’s largest exporter of these materials.

Is the US economy also dematerializing its use of metals? Probably, but it’s hard to say for sure. The USGS tallies do show dematerialization in steel, aluminum, copper, and other important metals. But these figures don’t include the metals contained in imports of finished goods like cars and computers. America is a net importer of manufactured goods, so it could be that we’re using more metal year after year, but that much of this consumption is “hidden” from official statistics because of imports of heavy, complex products. However, my estimates indicate that this is extremely unlikely and that the country is in fact now reducing its overall consumption of metals.

#### Past the tipping point and the alt is dictatorship---only tech can solve.

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Today’s best-case ecological scenario was a horror story just three decades ago. In 1993, Bill Clinton declared that global warming presented such a profound threat to civilization that the U.S. would have to bring its “emissions of greenhouse gases to their 1990 levels by the year 2000.” Instead, we waited until 2020 to do so; in the interim, humanity burned more carbon than it had since the advent of agriculture. Now, it will take a historically unprecedented, worldwide economic transformation to freeze warming at “only” 2 degrees — a level of temperature rise that will turn “once in a century” storms into annual events, drown entire island nations, and render major cities in the Middle East uninhabitable in summertime (at least for those whose lifestyles involve “walking outdoors without dying of heatstroke”). This is what passes for a utopian vision in 2021. If we confine ourselves to mere optimism — and assume that every Paris Agreement signatory meets its current pledged target for decarbonization — then warming will hit 2.4 degrees by century’s end.

The reality of our ecological predicament invites denial of our political one. Put simply, it is hard to reconcile the scale of the climate crisis with the limits of contemporary American politics. Delusions rush in to fill the gap. Among these is the fantasy of national autonomy; the notion that the United States can save the planet or destroy it, depending on the precise timeline of its domestic decarbonization. A rapid energy transition in the U.S. is a vital cause, not least for its potential to expedite similar transformations abroad. But the battle for a sustainable planet will be won or lost in the developing world. Although American consumption played a central role in the history of the climate crisis, it is peripheral to the planet’s future: Over the coming century, U.S. emissions are expected to account for only 5 percent of the global total.

There is also the delusion of “de-growth’s” viability. The fact that there is no plausible path for global economic expansion that won’t entail climate-induced death and displacement has led some environmentalists to insist on global stagnation. Yet there is neither a mass constituency for this project, nor any reason to believe that there will be any time soon. Freeze the status-quo economy in amber, and you’ll condemn nearly half of humanity to permanent poverty. Divide existing GDP into perfectly even slices, and every person on the planet will live on about $5,500 a year. American voters may express a generalized concern about the climate in surveys, but they don’t seem willing to accept even a modest rise in gas prices — let alone a total collapse in living standards — to address the issue. Meanwhile, any Chinese or Indian leader who attempted to stymy income growth in the name of sustainability would be ousted in short order. It’s conceivable that one could radically reorder advanced economies in a manner that enabled living standards to rise even as GDP fell; Americans might well find themselves happier and more secure in an ultra-low-carbon communal economy in which individual car ownership is heavily restricted, and housing, healthcare, and myriad low-carbon leisure activities are social rights. But nothing short of an absolute dictatorship could affect such a transformation at the necessary speed. And the specter of eco-Bolshevism does not haunt the Global North. Humanity is going to find a way to get rich sustainably, or die trying.

Thus, the chasm between the ecologically necessary and the politically possible can only be bridged by technological advance. And on that front, the U.S. actually has the resources to make a decisive contribution to global decarbonization — and some political will to leverage those resources. Unfortunately, due to some combination of fiscal superstitions and misplaced priorities, the Biden administration’s proposed investments in green innovation remain paltry. An American Jobs Plan with much higher funding for green R&D is both imminently winnable and environmentally imperative. U.S. climate hawks should make securing such legislation a top priority.

The choice before us is techno-optimism or barbarism.

If governments are forced to choose between increasing income growth in the present, and mitigating temperature rise in the future, they are going to pick the former. We’ll get cheap, lab-grown Kobe beef before we get a U.S. Senate willing to tax meat, and steel plants powered by “green hydrogen” before we get anarcho-primitivism with Chinese characteristics.

The question is whether we’ll get such breakthroughs before it’s too late.

Techno-optimism has its hazards, but the progress we’ve made toward decarbonization has come largely through technological innovation. When India canceled plans to construct 14 gigawatts of new coal-fired power stations in 2019, it did not do so in deference to international pressure or domestic environmental movements, but rather to the cost-competitiveness of solar energy. The same story holds across Asia’s developing countries: Thanks to a ninefold reduction in the cost of solar energy over the past decade, the number of new coal plants slated for construction in the region has fallen by 80 percent. Meanwhile, the road to an electric-car revolution was cleared by a collapse in the cost of lithium batteries, the challenge of powering cities with solar energy on cloudy days was eased by a 70 percent drop in the price of utility-scale batteries, and wind power grew 40 percent cheaper. Our species remains lackluster at solidarity and self-government, but we’ve got a real knack for building cool shit.

The technological progress of the past decade was not sufficient to compensate for tepid climate policy. But real techno-utopianism has never been tried: As of 2019, global spending on clean energy R&D totaled $22 billion a year, or 3 percent of the Pentagon’s annual budget. Increasing spending on such research — while expediting cost-reductions in existing technologies by deploying them en masse — should be twin priorities of American climate policy.

The preconditions for green industrialization can be made in America.

The United States has more fiscal capacity and better-financed research universities than any nation on the planet. And, for all the pathologies of our politics, public investment in green tech inspires far weaker opposition than many less-indispensable climate policies. In fact, late last year, with Republicans controlling the Senate and Donald Trump in the White House, the U.S. increased funding for zero-emission technology R&D by $35 billion. America does not have sovereignty over enough humans to save the planet by slashing our domestic emissions. But we just might have the resources and political economy necessary to help the developing world save us all.

Although progress on renewables has exceeded optimistic expectations, the technical obstacles to global decarbonization remain immense. In the most optimistic scenario, scaling up existing, cost-competitive technologies can get us about 16 percent of the emissions reductions necessary for achieving net-zero by 2050, according to the International Energy Agency. Driving down the price of tech we already have will get us another 39 percent. The rest must come from technologies that have yet to be fully developed. We need electrified cement, hydrogen-powered steel plants, and evaporative cooling. We need utility-scale energy storage, electric airplanes, and ultra-high voltage transmission lines. And we’d be remiss to not toss a bit of our collective wealth at game-changing hail marys like nuclear fusion.

#### The transition fails---they can’t solve their impacts or ours

Hubert Buch-Hansen 18. Associate Professor, Department of Business and Politics, Copenhagen Business School. “The Prerequisites for a Degrowth Paradigm Shift: Insights from Critical Political Economy.” *Ecological Economics* 146: 157-63. Emory Libraries.

Still, the degrowth project is nowhere near enjoying the degree and type of support it needs if its policies are to be implemented through democratic processes. The number of political parties, labour unions, business associations and international organisations that have so far embraced degrowth is modest to say the least. Economic and political elites, including social democratic parties and most of the trade union movement, are united in the belief that economic growth is necessary and desirable. This consensus finds support in the prevailing type of economic theory and underpins the main contenders in the neoliberal project, such as centre-left and nationalist projects. In spite of the world's multidimensional crisis, a pro-growth discourse in other words continues to be hegemonic: it is widely considered a matter of common sense that continued economic growth is required.

It is also noteworthy that economic and political elites, to a large extent, continue to support the neoliberal project, even in the face of its evident shortcomings. Indeed, the 2008 financial crisis did not result in the weakening of transnational financial capital that could have paved the way for a paradigm shift. Instead of coming to an end, neoliberal capitalism has arguably entered a more authoritarian phase (Bruff, 2014). The main reason the power of the pre-crisis coalition remains intact is that governments stepped in and saved the dominant fraction by means of massive bailouts. It is a foregone conclusion that this fraction and the wider coalition behind the neoliberal paradigm (transnational industrial capital, the middle classes and segments of organized labour) will consider the degrowth paradigm unattractive and that such social forces will vehemently oppose the implementation of degrowth policies (see also Rees, 2014: 97).

While degrowth advocates envision a future in which market forces play a less prominent role than they do today, degrowth is not an antimarket project. As such, it can attract support from certain types of market actors. In particular, it is worth noting that social enterprises, such as cooperatives (Restakis, 2010), play a major role in the degrowth vision. Such enterprises are defined by being ‘organisations involved at least to some extent in the market, with a clear social, cultural and/or environmental purpose, rooted in and serving primarily the local community and ideally having a local and/or democratic ownership structure’ (Johanisova et al., 2013: 11). Social enterprises currently exist at the margins of a system, in which the dominant type of business entity is profit-oriented, shareholder-owned corporations. The further dissemination of social enterprises, which is crucial to the transitions to degrowth societies, is – in many cases – blocked or delayed as a result of the centrifugal forces of global competition (Wigger and Buch-Hansen, 2013). Overall, social enterprises thus (still) constitute a social force with modest power.

Ougaard (2016: 467) notes that one of the major dividing lines in the contemporary transnational capitalist class is between capitalists who have a material interest in the carbon-based economy and capitalists who have a material interest in decarbonisation. The latter group, for instance, includes manufacturers of equipment for the production of renewable energy (ibid.: 467). As mentioned above, degrowth advocates have singled out renewable energy as one of the sectors that needs to grow in the future. As such, it seems likely that the owners of national and transnational companies operating in this sector would be more positively inclined towards the degrowth project than would capitalists with a stake in the carbon-based economy. Still, the prospect of the “green sector” emerging as a driving force behind degrowth currently appears meagre. Being under the control of transnational capital (Harris, 2010), such companies generally embrace the “green growth” discourse, which ‘is deeply embedded in neoliberal capitalism’ and indeed serves to adjust this form of capitalism ‘to crises arising from contradictions within itself’ (Wanner, 2015: 23).

In addition to support from the social forces engendered by the production process, a political project ‘also needs the political ability to mobilize majorities in parliamentary democracies, and a sufficient measure of at least passive consent’ (van Apeldoorn and Overbeek, 2012: 5–6) if it is to become hegemonic. As mentioned, degrowth enjoys little support in parliaments, and certainly the pro-growth discourse is hegemonic among parties in government.5 With capital accumulation being the most important driving force in capitalist societies, political decision-makers are generally eager to create conditions conducive to production and the accumulation of capital (Lindblom, 1977: 172). Capitalist states and international organisations are thus “programmed” to facilitate capital accumulation, and do as such constitute a strategically selective terrain that works to the disadvantage of the degrowth project.

The main advocates of the degrowth project are grassroots, small fractions of left-wing parties and labour unions as well as academics and other citizens who are concerned about social injustice and the environmentally unsustainable nature of societies in the rich parts of the world. The project is thus ideationally driven in the sense that support for it is not so much rooted in the material circumstances or short-term self-interests of specific groups or classes as it is rooted in the conviction that degrowth is necessary if current and future generations across the globe are to be able to lead a good life. While there is no shortage of enthusiasts and creative ideas in the degrowth movement, it has only modest resources compared to other political projects. To put it bluntly, the advocates of degrowth do not possess instruments that enable them to force political decision-makers to listen to – let alone comply with – their views. As such, they are in a weaker position than the labour union movement was in its heyday, and they are in a far weaker position than the owners and managers of large corporations are today (on the structural power of transnational corporations, see Gill and Law, 1989).

6. Consent

It is also safe to say that degrowth enjoys no “passive consent” from the majority of the population. For the time being, degrowth remains unknown to most people. Yet, if it were to become generally known, most people would probably not find the vision of a smaller economic system appealing. This is not just a matter of degrowth being ‘a missile word that backfires’ because it triggers negative feelings in people when they first hear it (Drews and Antal, 2016). It is also a matter of the actual content of the degrowth project.

Two issues in particular should be mentioned in this context. First, for many, the anti-capitalist sentiments embodied in the degrowth project will inevitably be a difficult pill to swallow. Today, the vast majority of people find it almost impossible to conceive of a world without capitalism. There is a ‘widespread sense that not only is capitalism the only viable political and economic system, but also that it is now impossible to even imagine a coherent alternative to it’ (Fisher, 2009: 2). As Jameson (2003) famously observed, it is, in a sense, easier to imagine the end of the world than it is to imagine the end of capitalism. However, not only is degrowth – like other anti-capitalist projects – up against the challenge that most people consider capitalism the only system that can function; it is also up against the additional challenge that it speaks against economic growth in a world where the desirability of growth is considered common sense.

Second, degrowth is incompatible with the lifestyles to which many of us who live in rich countries have become accustomed. Economic growth in the Western world is, to no small extent, premised on the existence of consumer societies and an associated consumer culture most of us find it difficult to completely escape. In this culture, social status, happiness, well-being and identity are linked to consumption (Jackson, 2009). Indeed, it is widely considered a natural right to lead an environmentally unsustainable lifestyle – a lifestyle that includes car ownership, air travel, spacious accommodations, fashionable clothing, an omnivorous diet and all sorts of electronic gadgets. This Western norm of consumption has increasingly been exported to other parts of the world, the result being that never before have so many people taken part in consumption patterns that used to be reserved for elites (Koch, 2012). If degrowth were to be institutionalised, many citizens in the rich countries would have to adapt to a materially lower standard of living. That is, while the basic needs of the global population can be met in a non-growing economy, not all wants and preferences can be fulfilled (Koch et al., 2017). Undoubtedly, many people in the rich countries would experience various limitations on their consumption opportunities as a violent encroachment on their personal freedom. Indeed, whereas many recognize that contemporary consumer societies are environmentally unsustainable, fewer are prepared to actually change their own lifestyles to reverse/address this.

At present, then, the degrowth project is in its “deconstructive phase”, i.e., the phase in which its advocates are able to present a powerful critique of the prevailing neoliberal project and point to alternative solutions to crisis. At this stage, not enough support has been mobilised behind the degrowth project for it to be elevated to the phases of “construction” and “consolidation”. It is conceivable that at some point, enough people will become sufficiently discontent with the existing economic system and push for something radically different. Reasons for doing so could be the failure of the system to satisfy human needs and/or its inability to resolve the multidimensional crisis confronting humanity. Yet, various material and ideational path-dependencies currently stand in the way of such a development, particularly in countries with large middle-classes. Even if it were to happen that the majority wanted a break with the current system, it is far from given that a system based on the ideas of degrowth is what they would demand.

## Democracy

### Democracy Impact---2AC

#### US democratic leadership is key to prevent great power war.

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To answer these questions, we lack a crystal ball, but **theory** and **history** can serve as a guide they suggest a clear answer: **democracies** enjoy a **built-in advantage** in long-run geopolitical competitions.¶ The idea that **democracies** are better able to **accumulate** and **maintain power** in the international system has a distinguished pedigree. Polybius, Machiavelli, and Montesquieu are among the classical political theorists who argued that republican forms of government are best able to harness available domestic resources toward national greatness. And recent social science research concurs. For the past two decades, **cutting-edge research** in **economics** and **political science** has been obsessed with the issue of whether democracies are different and the **consistent finding** is that they perform a number of key functions better than their autocratic counterparts. They have higher long-run rates of economic growth.13 They are better able to raise debt in international capital markets and become international financial centers.14 They build stronger and more reliable alliances.15 They are more effective in international coercive diplomacy.16 They are less likely to fight wars (at least against other democracies).17 And they are more likely to win the wars that they fight.18¶ This book takes this line of argument a step further by aggregating these narrower findings into a broader theory about the relative fitness of democracy and autocracy in great power political competitions. The central argument of this book is that democracies do better in major power rivalries. After all, it is not much of a logical leap to assume that states that systematically perform better on these important economic, diplomatic, and military tasks will do better in long-run geopolitical competitions than those that do not¶ This hunch is supported by the empirical record. As this book will show, autocrats often put up a good fight, but they fail to ultimately seize lasting global leadership. Napoleon, Hitler, and the Soviet Union are among the examples of authoritarian nations that launched campaigns for world domination, but came up short. On the other hand, states with relatively more open forms of government have often been able to establish themselves as the international system’s leading state, from Athens and the Roman Republic in the Ancient world to British Empire and the **U**nited **S**tates in more recent times. According to some scholars, the world’s leading state since the 1600s has also been among its most democratic. 19 It is hard to argue with an **undefeated record of four centuries and counting**.¶ America’s greatest strength in its coming competition with Russia and China, therefore, is **not its military might or economic strength, but its institutions**. For all of its faults, America’s fundamentals are still better than Russia’s and China’s. There is good reason to believe, therefore, that the American era will **endure** and the autocratic challenges posed by China and Russia will **run out of steam**.¶ The idea that democracies dominate may seem counterintuitive. After all, throughout history many have argued that dictators have a foreign policy advantage. 20 Autocrats can be ruthless when necessary, but democracies are constrained by public opinion and ethical and legal concerns. Autocrats take decisive action, but democracies dither in endless debate. Autocrats strategically plan for the long-term while democracies cannot see beyond a two or four-year election cycle. Many today laud Russia and China’s autocratic systems for precisely these reasons. Russians play chess and Chinese play go, but Americans play checkers, as the aphorism has it.¶ It is true that autocracies are better at taking swift and bold action, but **impulsive decisions** uninformed by **vigorous public debate** often result in **spectacular failure**. Hitler, for example, was able to harness new technology to create Blitzkrieg warfare and conquer much of Europe, but he also invaded Russia in winter and needlessly declared war on the **U**nited **S**tates. Unfortunately, for autocracies, this story is **all too common**. As Machiavelli wrote in his Discourses on Livy in the 16th century: “Fewer errors will be seen in the people than in the prince—and those lesser and having greater remedies.”21 “Hence it arises that a republic has greater life and has good fortune longer than a principality.”22¶ There is good reason to hope that this argument is true because continued American leadership would be beneficial to the **U**nited **S**tates and the rest of the free world. The decline of American power would certainly be unwelcome for the **U**nited **S**tates. Americans have certainly grown accustomed to the benefits that accrue to the world’s leading power. But **billions** of others also have a **stake in America’s success**. For all of its faults, the **U**nited **S**tates has been a fairly benevolent hegemon. While far from perfect, it has gone to extraordinary lengths to provide security, promote economic development, and nurture democracy and human rights. The world is certainly safer, richer, and more free today than it was before the dawn of the American era.¶ There is little reason to believe that Russia and China will be as kind. These autocratic powers long to establish spheres of influence in their near abroad and they have shown little concern for the sovereignty or personal freedoms of their own citizens or subjected populations. If readers doubt these claims, they can simply ask citizens of American allies in Eastern Europe or East Asia whether they desire continued American leadership, or whether they would prefer to live under the thumb of Moscow and Beijing, respectively.¶ Even more consequentially for the globe, however, the decline of the **U**nited **S**tates could very well result in a **major war**. As noted above, international relations theory maintains that the decline of one dominant power and the rise of another often results in great power war.23 According to this telling, **World War I** and **World War II** were primarily the result of the decline of the British empire and the rise of Imperial and then Nazi Germany as a major competitor on the European continent. Falling powers fight **preventive wars** in a bid to remain on top and rising powers launch conflicts to dislodge the reigning power and claim their “place in the sun.”24Many fear that a power transition between Beijing and Washington would produce a **similar catastrophic result**. 25 **Continued American leadership**, therefore, **could forestall this transition** and may be a **necessary condition** for **continued world peace and stability** among the great powers.

## T

### T-Per Se

#### A---the plan prohibits activity.

Leon B. Greenfield, et al. 20. Perry A. Lange & Nicole Callan, Antitrust Populism and theConsumer Welfare Standard: What Are We Actually Debating?, 83 Antitrust L.J. 393(2020).

1. Public Interest Considerations in Merger Review

Under a "public interest" standard, mergers could be prohibited for reasons going beyond competitive harm, such as reduced wages, job cuts, or harm to small business. Critics of a public interest test argue that it would unconstructively inject social and political concerns into enforcement. For example, Di-ana Moss of the American Antitrust Institute (which generally advocates for aggressive antitrust enforcement) has warned that a public interest standard would introduce uncertainty into the antitrust laws and "could include every-thing that is affected by a merger or abusive conduct: employment, health and safety, and even environmental concerns."168

#### C----the aff bans worker corollaries to consumer welfare violations

Eric A. Posner 8/13/21. Kirkland & Ellis Distinguished Service Professor at University of Chicago. How Antitrust Failed Workers. Oxford University Press, 2021.

Antitrust law helps workers and increases output by penalizing firms that use anticompetitive methods—above all, firms that concentrate labor markets by merging and firms that collude with each other by entering no-poaching agreements and the like. The law thus raises residual supply elasticity—or, in other words, competition—which forces employers to bid up wages toward the competitive level. Antitrust law does not directly regulate wages, of course; wages increase as a result of the penalizing of anticompetitive behavior. Nor does antitrust law offset the distortions introduced into labor markets by labor monopsony—in the way that certain fiscal and related policies can, as we will see. Let us now turn to other policy tools that can be used to counter labor monopsony.

#### 2---Counterinterpretation---Prohibition includes per se and rule of reason.

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Before discussing our data and the coding of the CLI, it is important to recognize that there are limitations to any index that attempts to quantify competition regulation. This is because it is difficult to produce a single metric that tells the comprehensive story of country’s competition regime. For example, if a specific type of conduct is prohibited, is it prohibited always (per se) or sometimes (rule of reason)? This seems like a relevant distinction to code, but it turns out to be difficult to capture systematically in many jurisdictions. For instance, Article 101(3) of the Treaty on the Functioning of the European Union (TFEU) seems to regulate anticompetitive agreements under the rule of reason standard in the European Union, but, in practice, cartels are per se prohibited. This highlights the challenge of coding even just the law in books, let alone accounting for all the nuances of a country’s competition policies.20

## Cap K

### Cap Sustainable/Good---2AC

#### Regulated capitalism is good---solves war, environment, and quality of life---alternatives increase degradation and poverty. Prefer empirical and measurable indicators.

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Discourse on food ethics often advocates the anti-capitalist idea that we need less capitalism, less growth, and less globalization if we want to make the world a better and more equitable place, with arguments focused on applications to food, globalization, and a just society. For example, arguments for this anti-capitalist view are at the core of some chapters in nearly every handbook and edited volume in the rapidly expanding subdiscipline of food ethics. None of these volumes (or any article published in this subdiscipline broadly construed) focuses on a defense of globalized capitalism.1

More generally, discourse on global ethics, environment, and political theory in much of academia—and in society—increasingly features this anti-capitalist idea as well.2 The idea is especially prominent in discourse surrounding the environment, climate, and global poverty, where we face a nexus of problems of which capitalism is a key driver, including climate change, air and water pollution, the challenge of feeding the world, ensuring sustainable development for the world's poorest, and other interrelated challenges.

It is therefore important to ask whether this anti-capitalist idea is justified by reason and evidence that is as strong as the degree of confidence placed in it by activists and many commentators on food ethics, global ethics, and political theory, more generally.

In fact, many experts argue that this anti-capitalist idea is not supported by reason and argument and is actually wrong. The main contribution of this essay is to explain the structure of the leading arguments against the anti-capitalist idea, and in favor of the opposite conclusion. I begin by focusing on the general argument in favor of well-regulated globalized capitalism as the key to a just, flourishing, and environmentally healthy world. This is the most important of all of the arguments in terms of its consequences for health, wellbeing, and justice, and it is endorsed by experts in the empirically minded disciplines best placed to analyze the issue, including experts in long-run global development, human health, wellbeing, economics, law, public policy, and other related disciplines. On the basis of the arguments outlined below, well-regulated capitalism has been endorsed by recent Democratic presidents of the United States such as Barack Obama, and by progressive Nobel laureates who have devoted their lives to human development and more equitable societies, as well as by a wide range of experts in government and leading nongovernmental organizations.

The goal of this essay is to make the structure and importance of these arguments clear, and thereby highlight that discourse on global ethics and political theory should engage carefully with them. The goal is not to endorse them as necessarily sound and correct. The essay will begin by examining general arguments for and against capitalism, and then turn to implications for food, the environment, climate change, and beyond.

Arguments for and against Forms of Capitalism

The Argument against Capitalism

Capitalism is often argued to be a key driver of many of society's ills: inequalities, pollution, land use changes, and incentives that cause people to live differently than in their ideal dreams. Capitalism can sometimes deepen injustices. These negative consequences are easy to see—resting, as they do, at the center of many of society's greatest challenges.3

And at the same time, it is often difficult to see the positive consequences of capitalism.4 What are the positive consequences of allowing private interests to clear-cut forests and plant crops, especially if those private interests are rich multinational corporations and the forests are in poor, developing countries whose citizens do not receive the profits from deforestation? Why give private companies the right to exploit resources at all, since exploitation almost always has some negative consequences such as those listed above? These are the right questions to ask, and they highlight genuine challenges to capitalism. And in light of these challenges, it is reasonable to consider the possibility that perhaps a different economic system altogether would be more equitable and beneficial to the global population.

The Argument for Well-Regulated Capitalism

However, things are more complicated than the arguments above would suggest, and the benefits of capitalism, especially for the world's poorest and most vulnerable people, are in fact myriad and significant. In addition, as we will see in this section, many experts argue that capitalism is not the fundamental cause of the previously described problems but rather an essential component of the best solutions to them and of the best methods for promoting our goals of health, well-being, and justice.

To see where the defenders of capitalism are coming from, consider an analogy involving a response to a pandemic: if a country administered a rushed and untested vaccine to its population that ended up killing people, we would not say that vaccines were the problem. Instead, the problem would be the flawed and sloppy policies of vaccine implementation. Vaccines might easily remain absolutely essential to the correct response to such a pandemic and could also be essential to promoting health and flourishing, more generally.

The argument is similar with capitalism according to the leading mainstream arguments in favor of it: Capitalism is an essential part of the best society we could have, just like vaccines are an essential part of the best response to a pandemic such as COVID-19. But of course both capitalism and vaccines can be implemented poorly, and can even do harm, especially when combined with other incorrect policy decisions. But that does not mean that we should turn against them—quite the opposite. Instead, we should embrace them as essential to the best and most just outcomes for society, and educate ourselves and others on their importance and on how they must be properly designed and implemented with other policies in order to best help us all. In fact, the argument in favor of capitalism is even more dramatic because it claims that much more is at stake than even what is at stake in response to a global pandemic—what is at stake with capitalism is nothing less than whether the world's poorest and most vulnerable billion people will remain in conditions of poverty and oppression, or if they will instead finally gain access to what is minimally necessary for basic health and wellbeing and become increasingly affluent and empowered. The argument in favor of capitalism proceeds as follows:

Premise 1. Development and the past. Over the course of recorded human history, the majority of historical increases in health, wellbeing, and justice have occurred in the last two centuries, largely as a result of societies adopting or moving toward capitalism. Capitalism is a relevant cause of these improvements, in the sense that they could not have happened to such a degree if it were not for capitalism and would not have happened to the same degree under any alternative noncapitalist approach to structuring society. The argument in support of this premise relies on observed relationships across societies and centuries between indicators of degree of capitalism, wealth, investments in public goods, and outcomes for health, wellbeing, and justice, together with econometric analysis in support of the conclusion that the best explanation of these correlations and the underlying mechanism is that large increases in health, wellbeing, and justice are largely driven by increasing investments in public goods. The scale of increased wealth necessary to maximize these investments requires capitalism. Thus, as capitalist societies have become dramatically wealthier over the past hundred years (and wealthier than societies with alternative systems), this has allowed larger investments in public goods, which simply has not been possible in a sustained way in societies without the greater wealth that capitalism makes possible. Important investments in public goods include investments in basic medical knowledge, in health and nutrition programs, and in the institutional capacity and know-how to regulate society and capitalism itself. As a result, capitalism is a primary driver of positive outcomes in health and wellbeing (such as increased life expectancy, lowered child and maternal mortality, adequate calories per day, minimized infectious disease rates, a lower percentage and number of people in poverty, and more reported happiness);5 and in justice (such as reduced deaths from war and homicide; higher rankings in human rights indices; the reduced prevalence of racist, sexist, homophobic opinions in surveys; and higher literacy rates).6 These quantifiable positive consequences of global capitalism dramatically outweigh the negative consequences (such as deaths from pollution in the course of development), with the result that the net benefits from capitalism in terms of health, wellbeing, and justice have been greater than they would have been under any known noncapitalist approach to structuring society.7

Premise 2. Economics, ethics, and policy. Although capitalism has often been ill-regulated and therefore failed to maximize net benefits for health, wellbeing, and justice, it can become well-regulated so that it maximizes these societal goals, by including mechanisms identified by economists and other policy experts that do the following:

* optimally8 regulate negative effects such as pollution and monopoly power, and invest in public goods such as education, basic healthcare, and fundamental research including biomedical knowledge (more generally, policies that correct the failures of free markets that economists have long recognized will arise from “externalities” in the absence of regulation);9
* ensure equity and distributive justice (for example, via wealth redistribution);10
* ensure basic rights, justice, and the rule of law independent of the market (for example, by an independent judiciary, bill of rights, property rights, and redistribution and other legislation to correct historical injustices due to colonialism, racism, and correct current and historical distortions that have prevented markets from being fair);11 and
* ensure that there is no alternative way of structuring society that is more efficient or better promotes the equity, justice, and fairness goals outlined above (by allowing free exchange given the regulations mentioned).12

To summarize the implication of the first two premises, well-regulated capitalism is essential to best achieving our ethical goals—which is true even though capitalism has certainly not always been well regulated historically. Society can still do much better and remove the large deficits in terms of health, wellbeing, and justice that exist under the current inferior and imperfect versions of capitalism.

Premise 3. Development and the future. If the global spread of capitalism is allowed to continue, desperate poverty can be essentially eliminated in our lifetimes. Furthermore, this can be accomplished faster and in a more just way via well-regulated global capitalism than by any alternatives. If we instead opt for less capitalism, less growth, and less globalization, then desperate poverty will continue to exist for a significant portion of the world's population into the further future, and the world will be a worse and less equitable place than it would have been with more capitalism. For example, in a world with less capitalism, there would be more overpopulation, food insecurity, air pollution, ill health, injustice, and other problems. In part, this is because of the factors identified by premise 1, which connect a turn away from capitalism with a turn away from continuing improvements in health, wellbeing, and justice, especially for the developing world. In addition, fertility declines are also a consequence of increased wealth, and the size of the population is a primary determinant of food demand and other environmental stressors.13 Finally, as discussed at length in the next section of the essay, capitalism can be naturally combined with optimal environmental regulations.14 Even bracketing anything like optimal regulation, it remains true that sufficiently wealthy nations reduce environmental degradation as they become wealthier, whereas developing nations that are nearing peak degradation will remain stuck at the worst levels of degradation if we stall growth, rather than allowing them to transition to less and less degradation in the future via capitalism and economic growth.15 In contrast, well-regulated capitalism is a key part of the best way of coping with these problems, as well as a key part of dealing with climate change, global food production, and other specific challenges, as argued at length in the next section. Here it is important to stress that we should favor well-regulated capitalism that includes correct investments in public goods over other capitalist systems such as the neoliberalism of the recent past that promoted inadequately regulated capitalism with inadequate concern for externalities, equity, and background distortions and injustices.16

Conclusion. Therefore, we should be in favor of capitalism over noncapitalism, and we should especially favor well-regulated capitalism, which is the ethically optimal economic system and is essential to any just basic structure for society.

This argument is impressive because, as stated earlier in the essay, it is based on evidence that is so striking that it leads a bipartisan range of open-minded thinkers and activists to endorse well-regulated capitalism, including many of those who were not initially attracted to the view because of a reasonable concern for the societal ills with which we began. To better understand why such a range of thinkers could agree that well-regulated capitalism is best, it may help to clarify some things that are not assumed or implied by the argument for it, which could be invoked by other bad arguments for capitalism.

One thing the argument above does not assume is that health, wellbeing, or justice are the same thing as wealth, because, in fact, they are not. Instead, the argument above relies on well-accepted, measurable indicators of health and wellbeing, such as increased lifespan; decreased early childhood mortality; adequate nutrition; and other empirically measurable leading indicators of health, wellbeing, and justice.17 Similarly, the argument that capitalism promotes justice, peace, freedom, human rights, and tolerance relies on empirical metrics for each of these.18

Furthermore, the argument does not assume that because these indicators of health, wellbeing, and justice are highly correlated with high degrees of capitalism, that therefore capitalism is the direct cause of these good outcomes. Rather, the analyses suggest instead that something other than capitalism is the direct cause of societal improvements (such as improvements in knowledge and technology, public infrastructure, and good governance), and that capitalism is simply a necessary condition for these improvements to happen.19 In other words, the richer a society is, the more it is able to invest in all of these and other things that are the direct causes of health, wellbeing, and justice. But, to maximize investment in these things societies need well-regulated capitalism.

As part of these analyses, it is often stressed that current forms of capitalism around the world are highly defective and must be reformed in the direction of well-regulated capitalism because they lack investments in public goods, such as basic knowledge, healthcare, nutrition, other safety nets, and good governance.20 In this way, an argument for a particular kind of progressive reformism is an essential part of the analyses that lead many to endorse the more general argument for well-regulated capitalism.

Although these analyses are nuanced, and appropriately so, it remains the case that the things that directly lead to health, wellbeing, and justice require resources, and the best path toward generating those resources is well-regulated capitalism. And on the flip side, according to the analyses behind premise 1 described above, an anti-capitalist system would not produce the resources that are needed, and would thus be a disaster, especially for the poorest billion people who are most desperately in need of the resources that capitalism can create and direct, to escape from extreme poverty.21

### Competition Good---2AC

#### Competitive capitalism solves sustainability.

Shi-Ling Hsu 21. D'Alemberte Professor of Law and Associate Dean for Environmental Programs at the Florida State University College of Law. Capitalism and the Environment: A Proposal to Save the Planet. “1 Introduction”

Differences in degree are masked by a simple capitalism-versus-socialism dichotomy. Nevertheless, this book takes up this debate on these simplified terms, and with respect to only one question, but one of existential importance to humankind: How will human civilization right its horribly, tragically errant relationship with the planet it inhabits? Climate change, water pollution by nutrients, plastics, and hydrocarbons, the vast transformation of large landscapes, and the assault of industrial chemicals about which we know virtually nothing, head up a long list of ways in which human civilization faces colossal upheaval, a comeuppance of a longstanding disregard for the environmental consequences of human activity. Earth itself will support some lifeforms indefinitely, but the range of climatic and environmental conditions in which humans can thrive is limited. Humankind is now threatening the planet’s ability to support humankind. What will save us from ourselves? For better or for worse, it will be capitalism that saves us.

That may seem like a strange assertion to some. Activists, scholars, researchers, interested citizens, and maybe even politicians that have been concerned with environmental issues may be surprised, and some chagrined, to hear such a thing, given how much damage capitalist economies have already done to the global environment. Not only that, some prominent capitalists continue to get in the way of environmental regulation and reform. It seems Pollyannaish to suggest that capitalism can turn around and start doing the opposite of what it’s been doing for well over a century.

But that simplistic view misses the wide varieties of ways in which capitalism works and the infinite number of goals that capitalists pursue (it is not just profit). Capitalism is not a monolith. Capitalism can exist in authoritarian states such as China, in libertarian states such as the United States, and in social democratic states such as the Scandinavian countries. In this variety of governments, cultures, and ideologies, capitalism has clearly held sway as the preferred method of economic governance, even as it faces different limits in different countries. In this hour of global environmental crisis, capitalism is the only way to quickly enough marshal the human, financial, and material resources necessary to right the direction of a huge, ponderous ship: a global economy powered by fossil fuels and trillions of dollars of polluting capital. If there is something that can fix this broken form of capitalism, it is capitalism.

Capitalism, like socialism, is difficult to define and frequently misunderstood. By “capitalism” I mean a form of economic governance with decentralized decisionmaking through prices, explicit or implicit, which govern a system in which not only is there free trading in markets, but free movement of factors of production. Money, labor, and other useful inputs (including environmental ones) are all factors of production, and capitalism requires that the owners of these factors of production be free to deploy them in whatever venture they choose. There are limits, of course. Slavery is forbidden, so there is no price on human bondage. But capitalism often means that the most profitable venture finds itself with the most useful factors of production, and competitors fall away, even fail. This is an oversimplification, and I undertake a lengthier discussion in Chapter 2.

Importantly, capitalism is not the absence of law or government, nor even a widely held illusion that government is “neutral” with respect to values, and that it can simply “call balls and strikes” like an impartial umpire in a baseball game. Capitalism embodies bundles of values that vary from country to country. This book suggests only elevating one: protection and restoration of the global environment. It is a far-reaching value because humankind has fouled its own nest in so many ways in so many countries and cultures. But it is a momentous one, because the whole of humankind is now at risk of descending into greatly diminished, and possibly some post-apocalyptic, existence. Whatever diverse meanings people may place on “capitalism” and on “human civilization,” it is now a clear and present danger that the global environment may deteriorate enough to make both of these things difficult to sustain in a recognizable form. That dark future may be nearer than we would like to believe.

The way that capitalism is practiced must change, of course. It has been profitable to externalize environmental harms onto the planet and the rest of society. That is not only a human and planetary tragedy, but it is an anathema to capitalism. At a minimum, a healthy capitalist economy would count and value the vast forms of ecosystem services provided to many productive, profit-making enterprises. Clean air and water are not only vital to a healthy and productive population of human workers, but also as inputs to many industrial processes. But a healthy capitalism would go well beyond that, and place protection of the global environment at the center of industrial and commercial activity, where it belongs. Just as capitalism wrought momentous changes that have transformed society, it can be redirected to transform it again, but with the new goal of protecting and restoring the global environment.

This book suggests ways in which capitalism can be shunted away from its currently unsustainable (ecologically and economically) collision course with the global environment, and how capitalism can be harnessed to help solve the environmental crises facing humankind. Some parts of capitalism are already hard at work solving some of the environmental market failures that other parts of capitalism have created. Saving humankind and many other species will require that these restorative forms of capitalism be allowed to thrive. But more than that is required. Capitalist society must not only beat a hasty retreat from its destructive aspects, but also allow some new forms of capitalism to emerge, develop, and mature.

The necessary transformation of capitalism will be profound, but not necessarily jarring for everybody. In fact, it is already well underway. Driving electric cars or hybrid-electric cars, drawing electricity from a solar rooftop, and using energy- and water-efficient appliances is already routine for many, and would represent just a minor change for most consumers. Overall consumption patterns need not change dramatically.

It is on the production side that change is afoot. Given what we now know about impacts on human and nonhuman life, some methods of industry and commerce are now clearly inferior to alternatives. The way that energy and goods are produced must clearly change. Change is of course difficult, but the nature of capitalism is that progress comes through competition and change. Joseph Schumpeter thought that “creative destruction” brought about by healthy competition was the core feature of capitalism.2 Businesses and industries must come and go. One example of an industry that has become anachronistic is coal mining. Coal combustion can now be replaced by a variety of alternative energy sources, and in fact has been in many places. In the United States and elsewhere, low natural gas prices have outcompeted coal as a fuel of choice for electricity generation. While it is important to acknowledge the economic and emotional toll of change for coal workers, it is also worth keeping it in context. With the development of the internet and the advent of travel websites, about 50,000 travel agents in the United States went out of business from 2000 to 2016. 3 That is also about the same number of workers in the coal mining industry who are at risk.4 In healthy capitalist economies, the only constant is change.

### No Link---Extra---2AC

#### No link and turn---the 1ACs rearticulation of competition away from the Chicago school moves towards social process and coordination---the alternative cedes persuasion to neoclassical economics.

Sanjukta Paul 20. Assistant Professor of Law @ Wayne State. Romano Stancroff Research Scholar. "Antitrust as Allocator of Coordination Rights." UCLA Law Review, vol. 67, no. 2, May 2020, p. 378-431. HeinOnline.

An original goal of federal antimonopoly legislation was to promote fair competition and business practices, and to furnish a check on emerging consolidations of economic power in both inter- and intrafirm arrangements.9 As the pre-New Deal judiciary increasingly used the Sherman Act instead to aid firms in consolidating their power over workers, 10 while doing little to check corporate consolidation itself," Congress ultimately responded, in part, by again reaffirming its express commitment to fairness as a goal of antitrust policy in passing the Federal Trade Commission Act.12 As modern antitrust enforcement then took off in the latter part of the New Deal era, this antitrust commitment to fairness went hand in hand with the well-documented purpose of dispersing economic power, including the flourishing of small enterprise.13 Antitrust analysis in the New Deal and midcentury period considered ideas of fairness overtly.1 4

Indeed, in their foundational 1956 article, key Chicago School thinkers Aaron Director and Edward Levi described antitrust, as they found it, as having to do as much with the "laws of fair conduct" as with the narrower economic theory they thought ought to displace them: "[T]here is uncertainty whether the dominant theme of the antitrust laws is to be the evolution of laws of fair conduct, which may have nothing whatever to do with economics, or the evolution of minimal rules protecting competition or prohibiting monopoly or monopolizing in an economic sense."" The acknowledgment is notable because their goal was to establish precedent for their reform project in existing law, while conceding "the [existing] law's skepticism for economists and economics." 16

To discredit substantive normative benchmarks such as fairness, dispersal of power, and a commitment to small enterprise, Chicago School antitrust also helped to shift antitrust's very idea of competition-from a dynamic social and economic process of business rivalry" to the ideal state contemplated by neoclassical economic theory. The Chicago School Antitrust Project, as it was known, built upon an earlier, conscious decision by its founding members to substitute this idealized competitive order for the classical laissez-faire framework, associated with the Lochner era federal judiciary, in order to advance the same, fundamentally hierarchical political and economic order.18 It then applied that conceptual framework to antitrust law. Thereafter, as one commentator put it, "[l]awyers for corporate interests and industrial organization economists of the Chicago School mounted an organized effort that succeeded in persuading the federal courts to adopt a far narrower view of antitrust that has as its single objective the avoidance of economically inefficient transactions, referred to by economists as 'allocative efficiency."' 19 Fairness has no role in this conceptual framework.

As a logical matter, these earlier normative benchmarks-fairness, dispersal of power, flourishing of small enterprise-would pose a challenge to the allocation of coordination rights that antitrust later erected. Most obviously, the concern for the existence and flourishing of small enterprise supports the inclusion of many more persons in the privilege and the responsibility of economic coordination. It also itself furnishes an argument in favor of reasonable horizontal coordination beyond firm boundaries, insofar as such coordination contributes to the survival and flourishing of small enterprise.20 The well-established antitrust concern with fairness, also, grounds an argument in favor of a more equitable allocation of coordination rights. Thus, removing these normative benchmarks from antitrust analysis undermined any existing tendencies to allocate coordinate rights in a way that balances power.

2. The Norm Against Horizontal Interfirm Coordination

Both the shift in the concept of competition itself, and the clearing of normative benchmarks other than the ideal competitive order, strengthened the antitrust norm against horizontal coordination beyond firm boundaries. Although the conception of competition as a dynamic, instantiated social process has room for reasonable coordination, the conception of competition as an ideal state-a competitive market-has no space for coordination between separate actors in the same market. Both by entrenching the conception of competition as an ideal state and by working to clear other normative benchmarks for antitrust analysis, Chicago School antitrust thus strengthened the norm against horizontal coordination beyond firm boundaries. Besides the transformation that took place inside the confines of antitrust doctrine itself, many elements of the New Deal order more broadly had an enduringly strong pro-coordination bent, even if overt public price coordination did not survive the first phase of the New Deal as uniform national policy.21 These elements too were similarly attacked and undermined by other arms of Chicago School policy thinking.

### AT: Communalism Alt

#### Communalism alts risk replicating protofascist impulses of parochial hostility. Utilizing capitalism’s defense of individualism is a better starting point to confront inequality.

Matthias Zick VARUL 13, Sociology at the University of Exeter [“Towards a consumerist critique of capitalism: A socialist defence of consumer culture,” *Ephemera*, Vol. 13, No. 2, May 2013, p. 293-315, Accessed Online through Emory Libraries]

Any alternative to capitalism, if it is not to relapse into a frozen world in which everybody has their place, must find a functional equivalent to this alterity-facilitating function of consumer culture. Currently even the most radically left anti-consumerist movements seem to have a tendency to create island communities (e.g. Chatzidakis et al., 2012: 502) where, on the one hand, alternative forms of sociality can be lived among politically like-minded people, but where, on the other hand, a valuation of a sense of place translates into a borderline parochial hostility to mobility.

MARKED

Migration within a globalized world is viewed with suspicion. Subcommandante Marcos [whom Naomi Klein adopts as hero of the anti-consumerist movement, a universal avatar for he 'is simply us, we are the leader we've been looking for' (2002: 3)] speaks of the 'nightmare of migration', which 'continues to grow' (2001: 565). He is rightfully concerned about xenophobia and the marginalization of large groups of migrants, but anyone who knows a bit about migration will be troubled by the blanket notion of a 'nightmare'. More significantly, he adds the 'loss of cultural identity', a genuine conservative concern, as equally devastating as hunger and police repression. Such an attitude condemns people to their ethnic identities - while commoditization offers an exit:

Anti-modernists often bemoan that ethnic identities today are no longer 'authentic', but are rather superficial, made up of musical tropes and clothing styles and exaggerated gestures that aren't passed down from generation to generation, but chosen through the influence of the mass media. But it is precisely this commodification that allows people to choose elements from various cultural traditions and blend them into a new identity. The same process also makes it easier for people to stray from their 'original' identities - or in conventional terms, to integrate into society. Uncommodified ethnic identities are closed to outsider, and raise the costs for straying outside their walls: one either is or isn't. (Sznaider, 2000: 307)

Nobody knows that better than Subcommandante Marcos himself - hence his engagement in the literary market8.

Like all societies, capitalist societies are built on expectations and mutual obligations. But while traditional networks of obligations are first of all entangling webs of very specific normative expectations that can be negotiated only to a very limited extent, the capitalist economy entails an anonymization and generalization of obligation that allows us to be tied up in a very liberal way (Varul, 2010: 63). The need to earn money can be understood as generalized debt - we owe our existence to society and we need to pay off that debt somehow. According to David Graeber (2011) the ideology of indebtedness of the individual to society has a long history and is at the heart of the fact of domination. But while most other societies have clear ideas about what is owed by whom, in a liberal capitalist society we are neither told how to repay our debt (i.e. what to work at) nor to whom (i.e. who to work for - except, of course, taxes to government). We are not liberated from serfdom as such, but we are no longer tied to a particular master and our position of serfdom within society as a whole is sweetened by the reverse indebtedness of society to us - in the form of money as generalized bills of exchange. In a preview of his Debt: The first 5000 years, Graeber explores the moral implications that arise:

The true ethos of our individualistic society may be found in this equation: We all owe an infinite debt to humanity, nature, or the cosmos (however one prefers to frame it), but no one else can possibly tell us how to pay it. All systems of established authority - religion, morality, politics, economics, the criminal-justice system - are revealed to be fraudulent ways of calculating what cannot be calculated. Freedom, then, is the ability to decide for ourselves how to pay our debts. (Graeber, 2010)

Of course, Graeber (2011) sees any indebtedness as tied up in recurring relations of violence and violation, in which even the balanced reciprocities of the neighbourly exchanges of favours, gestures and attention (be it among the British people or the Tiv people) become a sinister symptom of repression. But in making his case, he cannot avoid emphasizing the universality of such relations of mutual indebtedness. Assuming we cannot do away with indebtedness as such (i.e. here I disagree with Graeber), the individualistic ethos looks like the best we can get. Whether such an individualistic ethos is something worth having at all is an open question. The authors of The coming insurrection (The Invisible Committee, 2007), for instance, start off by condemning this ethos (which they correctly identify as rooted in consumer culture), and in response conjure up a world of militant communes - a trajectory denounced by Johannes Thumfart (2010) as a leftist remake of antimodernist/protofascist ideologies such as those of Carl Schmitt. If, however, the individualistic ethos is to be preserved (which, obviously, is what I am arguing for here), change needs to be pursued through associationalist (as opposed to communalist) approaches to political action in which the individual is emphatically affirmed both in means and ends. And as part of this the new possibilities of collective action available in a consumer- capitalist society need to be recognized, as does the role of consumer choice in a socialist society as proposed by Douglas Jay:

Socialists have been inclined to depreciate the value of free consumers' choice for no better reason than that it has been used as a hypocritical defence of the unregulated price scramble. Complacent defenders of laissez-faire have emphasized the great importance of allowing the individual to spend his income as he likes, and have omitted to notice that he may have no income to spend. And socialists have rightly retorted that consumers' choice is of no more use to a man who is penniless than liberty to a man who is starving. Gross inequality, in fact, turns consumers' choice into a mockery. But may not the solution be to mitigate inequality rather than to abandon consumers' choice? (Jay, 1938/1947: 255-256)

# 1AR

## T-Per Se

### 1AR---We Meet

#### 3] The aff bans anticompetitive practices per se

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Conclusion

This volume outlines several essential steps to redress the imbalances and rein in the power of employers. It offers ideas on how we can rewrite the rules of the economy to make the labor market more competitive and prevent the anticompetitive practices employers have systematically used to increase their market power. The chapters in this volume show that there is much that can be done at both the state and the national levels. For instance, mergers should be screened for effects on workers, just as they are already screened for effects on consumers. No-poach and noncompete agreements should be made per se illegal for low-wage workers.

## Inequality

### Sustainable---1AR

#### Decline fuels nationalism---great power war

Lawrence H. **Summers** **17**. Secretary of the Treasury (1999-2001) and Director of the US National Economic Council (2009-2010), former president of Harvard University, where he is currently University Professor. “Will the Center Hold?” *Project Syndicate*. 12/21/2017. <https://www.project-syndicate.org/onpoint/recession-or-financial-crisis-political-fallout-by-lawrence-h--summers-2017-12?a_la=english&a_d=5a37edac78b6c709b8d260dd&a_m=&a_a=click&a_s=&a_p=%2Fsection%2Feconomics&a_li=recession-or-financial-crisis-political-fallout-by-lawrence-h--summers-2017-12&a_pa=section-commentaries&a_ps>=

There is also the question of financial institutions’ health. While major firms appear far better capitalized and far more liquid than they were prior to the crisis, market indicators of risk suggest we may not be quite as far out of the woods as many suppose. Despite apparently large increases in capital and consequent declines in leverage, it does not appear that bank stocks have become far less volatile, as financial theory would predict if capital had become abundant. Financial markets are widely cited, including by US President Donald Trump, as providing comfort in the current moment. But a relapse into **financial crisis** would likely have **catastrophic** political **consequences**, sweeping into power even more **toxic populist nationalists**. In such a scenario, the center **will not hold**. Beyond the kind of near-term risks that markets price, there is the question of an economic downturn. The good news is that sentiment is positive in most of the world. Inflation seems unlikely to accelerate out of control and force a lurch toward contractionary fiscal and monetary policies. Most forecasters regard the near-term risk of recession as low. But recessions are never predicted successfully, even six months in advance. The current expansion in the US has gone on for a long time, and the risk of policy mistakes there is very real, owing to highly problematic economic leadership in the Trump administration. I would put the annual probability of recession in the coming years at 20-25%. So the odds are better than even that the US economy will fall into recession in the next three years. The risk from a purely economic point of view is that the traditional strategy for battling recession – a reduction of 500 basis points in the federal funds rate – will be unavailable this year, given the zero lower bound on interest rates. Nor is it clear that the will or the room for fiscal expansion will exist. This means that the next recession, like the last, may well be **protracted and deep**, with **severe** global consequences. And the political capacity for a global response, like that on display at the London G-20 Summit in 2009, appears to be **absent** as well. Just compare the global visions of US President Barack Obama and UK Prime Minister Gordon Brown back then with those of Trump and Prime Minister Theresa May today. I shudder to think what a serious recession will mean for politics and policy. It is hard to imagine avoiding a resurgence of **protectionism, populism, and scapegoating**. In such a scenario, as with another financial crisis, the center will not hold. But the greatest risk in the next few years, I believe, is neither a market meltdown nor a recession. It is instead a **political doom loop** in which voters’ conclusion that government does not work effectively for them becomes a self-fulfilling prophecy. Candidates elected on platforms of resentment delegitimize the governments they lead, fueling further resentment and even more problematic new leaders. Cynicism pervades. How else can one explain how the candidacy of Roy Moore for a US Senate seat? Moore, who was twice dismissed for cause from his post on the Alabama Supreme Court, and who is credibly charged with sexually assaulting teenage girls when he was in his 30s, could enter the US Senate as many of his colleagues look the other way. If a country’s citizens lose confidence in their government’s ability to improve their lives, the government has an incentive to **rally popular support** by focusing attention on threats that only it can address. That is why in societies pervaded by anger and uncertainty about the future, the temptation to stigmatize minority groups increases. And it is why there is a tendency for officials to **magnify foreign threats**. We are seeing this phenomenon all over the world. Russian President Vladimir Putin, Turkish President Recep Tayyip Erdoğan, and Chinese President Xi Jinping have all made nationalism a central part of their governing strategy. So, too, has Trump, who has explicitly rejected the international community in favor of the idea that there is only a ceaseless struggle among nation-states for competitive advantage. When the world’s preeminent power, having upheld the idea of international community for nearly 75 years, rejects it in favor of ad hoc deal making, others have no choice but to follow suit. Countries that can no longer rely on the US feel pressure to provide for their own security. America’s adversaries inevitably will seek to **fill the voids** left behind as the US **retrenches**.

#### Resource substitution overcomes limits --- their studies are anti-scientific.

Michael LYNCH 16. Director, Asian Energy and Security, Center for International Studies at MIT; Lecturer, Tufts and Vienna University; President of Strategic Energy and Economic Consulting. *The “Peak Oil” Scare and the Coming Oil Flood*. Praeger. 57-74.

The results, published in the 1970 book The Limits to Growth, used estimate of resources, combined with population and economic growth, to find when exhaustion would occur, as well as estimating pollution levels.10 Their conclusion that existing trends were unsustainable was, again, seized on by many to promote deindustrialization, zero economic growth, [END OF PAGE 58] and a number of similar ideologies. It certainly helped to influence the Carter administration's views on resources, as Chapter 2 demonstrated.

AN ENORMOUS BUT

Unfortunately, this entire area is based on mistaken principles. The Limits to Growth made the very basic mistake of assuming no change in growth rates, when in fact, the post-World War II economic trends were elevated by recovery from war-time damage, just as Chinese and Indian growth rates are now elevated by the movement of the workforce from agriculture to industry and services. Already, global population growth rates have dropped sharply, and a peak is in sight (although demographic trends do change!), and, more important for commodities, they ignore the mechanism by which growth rates change: scarcity yields higher prices, which reduces consumption; causes switching to substitutes; and leads to new supplies being developed. The early models assumed no feedback effects.

That mistake is compounded by the use of resource estimates that are much too conservative. The Limits to Growth team attempted to avoid this problem by using estimates that were multiples of then-official numbers; however, they didn't realize that the data they were relying on were not actual estimates of global resources, but known developed reserves, a small subset of the resource base (see Chapter 15).

Petroleum is the clearest example of how these numbers were far too conservative. The authors thought that they would avoid such criticism by testing the results of a resource base that was five times more than known reserves of 455 billion barrels, or 2,275 billion barrels. I I Since then, the world has used 1,100 billion barrels of oil and still has about 1,700 billion barrels of reserves. Even excluding heavy oil and the so-called spurious reserve revisions, the assumption in The Limits to Growth would mean no more oil remained to be discovered.

#### Renewables and urbanization will decouple fossil fuels --- best data.

Peter NEWMAN 17. Professor of environmental science at Curtin University. “Decoupling Economic Growth from Fossil Fuels.” *Modern Economy* 8: 791-805. Emory Libraries.

The Paris agreement in December 2015 (COP21) was an historic accord signed by 196 nations. It was significantly easier for the nations of the world to sign than in Copenhagen in 2009 (COP15) as the world could now see that the changes being required on them were already underway without causing a decline in wealth generation, as outlined above in Figure 1 and in national data.

Nevertheless it was a significant achievement and a lot of lobbying and government activity was required to demonstrate that it was now possible to commit more heavily to the journey of removing fossil fuel-based economies 100% by 2100. The follow-up commitments began in New York in April 2016 with a signing by 175 nations to ensure that climate change is “well below” the 2 degrees’ limit accepted by the world’s scientists. Each country must now deliver the ratification from their parliaments and begin the adoption of annual goals that are meant to be ratcheted up whenever the country feels able to do so.

The role of government in providing regulations and infrastructure to enable higher energy efficiency and low carbon electricity, fuels, appliances, buildings and vehicles has been a driver of change over the past 30 years. This process is usually one of being a small step ahead and pushing the system to produce a better low carbon outcome without too much cost or change. However it is possible, that disruptive innovations will begin to take over markets much quicker than governments have allowed for. In our view the emergence of solar and battery storage is likely to rapidly displace coal and the reduction of car dependence and electrification of transport is likely to rapidly displace oil. This process will depend on whether business and the community can see the changes emerging and accept that new fossil fuel-free goals are achievable in their cities and towns and how they can use the opportunity to ride this new economic wave rather than try to prevent the change.

3.2.2. Business

There is a lot of evidence that the next area of growth for business is the green economy and that there are large groups of businesses partially or totally funding green innovation, products and services as the basis of their future [15].

The most significant driver in the 21st century leading to the removal of coal (and gas) for electricity production has been investment in renewables. As shown in Figure 8 below there was a point around 2004 when investment in renewables by the world’s bankers and financiers outstripped fossil fuel-based power investment. In the most recent data from Bloomberg New Energy Finance the investment ratio is now 2:1 in favour of renewables.

Business has often been seen to have very short term goals of a year or so in terms of their strategic plans for market gains. But investors from the financial community look to see how they will make profits right through the lending period which is usually 20 years. When governments are debating the world’s scientists about how quickly they can remove fossil fuels from the market place, then it is easy to see why they would not want to invest in potential stranded assets like coal-fired power stations when other options that governments and scientists want to see, are available.

In the US in the past 5 to 8 years the phasing out of coal was made easier by the availability of natural gas. At the same time dramatic growth in solar and wind power was underway and now it is possible to see how the natural gas limits are being reached as renewables becomes the fuel of choice [17]. The combination of these two forces led to the collapse of coal consumption in the US and decline and fall of the largest coal company Peabody with many stranded assets.

In Australia a similar process has been underway with gas as the preferred option over coal but in the past 5 years the dramatic growth in rooftop solar has created a significant market that was not considered likely for decades. 1.5 million homes purchased roof top solar in 5 years without any real subsidies like feed-in tariffs and in Perth this reached 25% of households. The 550 MW produced is the largest power station in Western Australia and has led to the Minister Energy saying growth will inevitably reach 70% of households by 2020 and the utilities will never again need to purchase a coal or gas-fired power station [18].

The implications for the cities and towns in Western Australia for how they manage a potentially carbon-free power future in the next decade are a journey they were not prepared for. Fossil fuel-based power stations are now likely to be stranded assets and the key questions are about how battery storage can make this transition seamless for business and households and how it can enable the electricity grid to be maintained as a way of equitably distributing solar electricity. This is likely to be different in different parts of the city as well as in different types of settlements in rural and remote locations, as will be discussed later.

3.2.3. Community

The reasons why Perth grew so rapidly in adoption of solar include factors like easy access to Chinese mass produced PV cells (and now batteries) and the high price of electricity, but mostly it was driven by the community. In the 8 years from 2008 there was a significant economic boom in Western Australia when the rest of the world was frantically adapting to the GFC. For a period Perth became the wealthiest city in the world and the new money was flooding into many household bank accounts. Many chose to put it into a rooftop solar system because of their interest in long term sustainability (over 80% of the community want to see action on climate change) as well as having an investment that would pay for itself in 5 years.

Community values can easily be underestimated when facing the future and the need to address complex matters like climate change. The majority of this rooftop solar has gone into the outer suburbs which in Australia are generally less wealthy though they often have bigger homes with bigger roofs and bigger power bills [19]. The inner suburbs are much higher socio-economically and have higher green intentions but in reality it was the outer suburbs who have made the majority of the investment in solar. It indicates that the mechanisms for decoupling economic growth and fossil fuels will vary between cities and within cities [20].

3.3. What about Oil?

The reduction in consumption of oil is another example of how cities have begun to drive the change to remove fossil fuels at a faster rate than many anticipated. It also is a combination of government, business and the community.

The collapse in oil price as well as the collapse in coal price appears to be due to demand issues as well as supply issues. Demand for coal will continue to drop as renewables takes over; especially as battery storage becomes cheap. Demand for oil is expected to decline as vehicle fleets are electrified; however it has already gone down despite there being only a few percent of electric vehicles. The reason why this has happened appears to be a city issue: for the past 150 years cities have been moving out as they have followed first trains and trams then automobiles, but now they are coming back in [21].

Our work on cities has shown that there is an exponential relationship between urban density and car use/fuel use as in Figure 9.

If cities have begun to increase in density rather than decrease then they will drop down the steep curve quite quickly creating exponential decline in car use. This is what we are now seeing in all the world’s developed cities and the phenomenon is being called ‘peak car’ as car use per capita has peaked and is in decline. Indeed it is very similar to the decoupling phenomenon described above. Many cities are now seeing that their economic growth is dependent on them reducing their car use. Hence cities like Washington DC and Portland, Oregon have demonstrated that their wealth is decoupling from car use (Figure 10).

It should be no surprise that this strong decoupling is associated with cities that have invested in good urban rail systems in recent decades. The decoupling is closely associated with this as our data also shows that urban traffic is slowing in all the world’s cities and urban rail is now able to outcompete cars as they can go around, over or under the traffic [21].

Governments play a big part in generating this transition as they are needed to help plan, though not necessarily finance, such large scale infrastructure. However business and community are also critical as they are responding to a new economic process associated with the knowledge economy. Many businesses that are part of the new innovation economy are locating in city centres where they can have creative face-to-face contact with people from various backgrounds and professions [22] [23]. These new jobs are generally for the young Millenials and also older wealthier professionals. As a result they are the backbone of the social movement that has rediscovered inner and central city living. The market demand for dense urbanism that is not car dependent has therefore grown dramatically in the 21st century city.

In more recent work the same phenomenon of peak car has been found in Shanghai and Beijing which are now carrying 8 and 9 million passengers a day on their new Metro systems enabling a significant reduction in the relative use of cars [24]. The rapid change into decoupling growth in wealth from growth in car use is happening in emerging cities because they have the urban fabric that is not suited to large scale growth in car use. The building of 81 electric urban rail systems in Chinese cities and 52 in Indian cities is indicative of how the switch away from oil is happening before many expected.

3.4. The Future

A range of fossil fuel demand forecasts and the forecast just for renewables are set out in Figure 11. The nine organizations they used include the main fossil fuel companies and the main government-based forecasting bodies of the IEA and the EIA. The average growth from 2015 to 2050 is 580 EJ to 850 EJ with the oil companies suggesting well above these forecasts. The average for renewables goes from 80 EJ to 200 EJ with the fossil fuel companies suggesting much less than this.

What this suggests is that based on historical trends global energy demand is forecast simply to grow in line with global population growth and growth in GDP. Owing to this, fossil fuel companies predict that due to the continued forecasted rise of energy consumption, their products will meet the majority of this demand with a small though growing proportion of renewables. This is business as usual. However, this paper has shown that decoupling of fossil fuel energy from GDP has become firmly established and is being driven by cities from across the world. What if the trends are setting in to be significantly faster than most of these forecasts dare to suggest?

What could happen if we took seriously the kind of disruptive innovations in our cities that are likely to lead to rapid decline in fossil fuels and rapid growth in renewables? In order to separate out the components of GHG growth we have used the Kaye simplification (based on the old Paul Ehrlich simplification of Impact being a combination population, resource consumption per capita and technology efficiency per unit of resource consumption):

GHG carbon intensity per unit of energy GHG Energy

x energy intensity per unit of wealth Energy GDP

x wealth per capita GDP population x population

The carbon intensity of energy is going down globally and will increase rapidly as renewables increases its proportion. The decoupling of energy from wealth has been increasing with a 35% decoupling between 1990 and 2015 and from the above diagrams this will grow even more rapidly as the two separate out. Wealth per capita is likely to continue its gradual growth and population growth is predicted to continue but slow. The interactions between all these factors are complex for example urban population growth will help propel the economic processes that enable solar adoption and urban regeneration as well as being a factor in creating more GHG until these processes enable the phase out.

The scenario considered most feasible will be something like the IPCC goal of 80% less GHG by 2050 as in Figure 12.

4. Conclusion

The end of fossil fuel dependence is hard to imagine but it is getting easier because the trends show it is underway. This paper has shown the kind of exponential growth in renewables and decline in fossil fuels that we have just started to see could in fact decouple economic growth from fossil fuels much more rapidly than most have forecasted. The continuation of these trends will require a combination of different forms of solar-based power, different forms of electric transport and different forms of urban fabric. Most of this will be in cities. Government, business and the community will drive it in different ways in different parts of cities.