

Industry Policy

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Table of contents

Preface	5
1 Introduction	6
I A Plan for Industry Development	7
What is Industry Planning	8
Planning: What	8
Planning: When	9
Planning: Where	9
2 Just Transition	11
2.1 Large scale job loss overview	11
2.2 IMPACTS OF LARGE-SCALE JOB LOSS - Individual, Community and Regional	12
2.2.1 Individual Impacts	13
2.2.2 Impacts on Families	13
2.2.3 Impacts on Community and Regions	14
2.3 PART ONE: Risk Factors and Protective Factors	15
2.3.1 Individual Risk Factors	15
2.3.2 Structural Risk Factors	17
3 Economic Complexity	20
3.1 Economic Complexity in Australia	21
3.2 Embedding Economic Complexity into Industry Policy	21
3.2.1 Diversification Analysis and Opportunity Identification	22
3.2.2 Opportunity Identification	24
4 Procurement	25
II Future of Work	26
Emerging Sectors	27
5 Steel and Aluminium	28
5.1 Industry Overview	28
5.2 Opportunities	28

5.3	Conclusion	28
6	Wind Tower Construction	29
6.1	Industry Overview	29
6.2	Opportunities	29
6.3	Conclusion	29
7	Laboratories	30
7.1	Industry Overview	30
7.2	Opportunities	30
7.3	Conclusion	30
8	Aviation	31
8.1	Industry Overview	31
8.2	Opportunities	31
8.3	Conclusion	31
9	Defence	32
9.1	Industry Overview	32
9.2	Opportunities	32
9.3	Conclusion	32
10	Roadside Assistance	33
10.1	Industry Overview	33
10.2	Opportunities	33
10.3	Conclusion	33
11	Construction Supply Chains	34
12	Mine Servicing	35
12.1	Industry Overview	35
12.2	Opportunities	35
12.3	Conclusion	35
13	Food	36
13.1	Industry Overview	36
13.2	Opportunities	36
13.3	Conclusion	36
14	Iron and Foundries	37
14.1	Industry Overview	37
14.2	Opportunities	37
14.3	Conclusion	37

15 Rail	38
15.1 Industry Overview	38
15.2 Opportunities	38
15.3 Conclusion	38
16 Summary	39
References	40

Preface

Industry policy is most of all a tool to steer a nation or region's industrial structure in a desired direction.

This document provides an overview of the key issues which must be considered when developing an industry policy, including the principles of Just Transition and tools available to determine appropriate and feasible opportunities.

1 Introduction

Industry policy is big and unwieldy. It encompasses so many kinds of policy including:

- the future of work
 - jobs and skills of the future
- just transitions
- economic complexity
- job quality

Part I

A Plan for Industry Development

i Note

Rebuilding the manufacturing sector in Australia will not be achieved without planning. This starts with an understanding of the current structure of the economy, in conjunction with a vision for what we want the future to look like. Planning means setting targets - aligning with regional and national objectives, with specified start and end dates.

What is Industry Planning

Industry Planning is about developing a strategy for the direction of the economy. It can take two forms. One, in favour since the 1980s, prioritises market forces and price signals, letting private capital dictate the structure of the economy into one which generates the most profit. Under this approach, Australia's economy has become fundamentally weaker, with a completely hollowed out industrial structure. As such, we are now over-reliant on bulk exporting raw minerals, with the economic and social opportunities from value-added manufacturing activities occurring offshore. This approach also has led to a severe vulnerability in our economy from external shocks, and geopolitical instability. These outcomes should not be seen as inevitable. Rejecting the concept of industrial policy and strategy is itself a strategy.

The other form of Industry Planning is an active strategy which seeks to prioritise and develop certain sectors of the economy. It is primarily a strategy of identifying what we want to be able to do and what we want to be able to make. The manufacturing sector is key to this strategy. Manufacturing generates high returns to the economy, and to society, through innovation and productivity growth, investment in research and development, and its linkages to other key sectors of the economy like agriculture and mining. Active industrial policy and government interventions have been gaining traction in other parts of the world as nations seek to secure their supply chains, boost domestic manufacturing output, and create high quality jobs.

Industry Planning primarily requires an understanding of what, when, and where. It focuses on the creation of *new* markets for products and services, rather than on fixing market failures in existing sectors. These new markets are job and value creating, and are aligned with broader national missions, such as de-carbonisation or re-industrialisation.

Planning: What

i Note

Where do we want to get to, given current strengths and weaknesses?

Opportunity identification is a key aspect of Industry Planning. This requires **formally** identifying existing and future opportunities, and confirming these opportunities against a set of criteria, including:

- current and future strengths and weaknesses
- competitors and suppliers
- international market conditions and industry demand characteristics
- minimum efficient scale and barriers to entry
- the size and economic significance of the opportunity
- decisive points in the supply chain

Australian Industrial Transformation Institute (2021)

Through this approach, dedicated sectoral plans can be developed, for each of the identified target industries or sectors. It is also important to consider the impact of emerging technologies and business models on the future of work, including their relevance to existing industries, and potential future industries, as well as how our current capabilities, and areas of potential competitive advantage can align with gaps and opportunities in global and domestic supply chains.

Planning: When

Note

How do we get from where we are, to where we want to be?

A pathway for development from where we are to where we want to be needs to consider specific strategies, interventions, policies and programs. Through this, sector strategy roadmaps can be developed, with defined targets and timelines. The question of timing can also be factored in for regions undergoing industry closure which need jobs.

Planning: Where

Note

Which locations should be prioritised for targeted industry investment?

Having a plan in place can help regions facing industry closure or workforce transition. Knowing what industry development to prioritise creates opportunities for job creation in regions

facing job losses. Industry closure is accompanied with dates, providing a timeline for when job losses will occur, and when new jobs will be needed. Waiting for each announcement to start thinking about the number of workers affected, their skills, and support required risks regional decay, population outflow, and negative psychosocial impacts. Additionally, it is costly, time consuming, and inefficient to continually be undertaking. A plan for industry development with associated targets and timelines means that opportunities can be aligned with closures, projects are ready to roll out when required, and jobs are created in time to utilise the skills of impacted workers.

Industry Planning also has the benefit of using demand side levers to promote investment in products and services for industry to provide. The Government is thus able to use its substantial buying power through procurement policies to achieve its goals. Industry Planning focuses on the creation of new markets, not simply fixing market failures in existing markets. By defining the markets to be created, Government policy can be used as a lever to create high paying, high quality jobs, build local supply chains - providing sovereign capability, and provides a pathway for workforces impacted by industry closure to find meaningful employment in adjacent industries, and do so in a way which minimises negative impacts.

2 Just Transition

The best worker support program will be useless without good quality jobs to transition into. The creation of good quality jobs must be a core focus of all transition plans.

2.1 Large scale job loss overview

Large scale job loss, industry closure, company closure, and industrial disruption are often used interchangeably – regardless, the displacement of workers as a result of this kind of disruption has been, and will continue to be, a significant feature of established and emerging economies. Whether that is because of decarbonisation, climate change, automation, structural adjustments or business model innovation (Barnes, et al., 2021; Beale, 2024) is irrelevant. The intersection of these factors is likely to lead to more frequent, wide-spread, and concurrent disruptions. Which, if not adequately addressed, will compound the more serious medium- and long-term impacts of large-scale layoffs.

Likewise, the further along the decarbonisation ‘pathway’ we progress the more complex transition becomes - as company closures become industry closures and workers become more dependent on emergent and emerging industries.

From a workers’ perspective, largescale layoffs are a similar experience regardless of the reason. In any case, large-scale job losses pose three central and interrelated problems: what happens to the workers; to the industry; and to the region - in the immediate aftermath and over the medium and long term.

The Albanese government passed the *Net Zero Authority Bill 2024* (**The Bill**) and established the Net Zero Authority (**The Authority**). Both of which cover the - whole or part - closure of a **coal-fired** or **gas-fired power stations**.

This document is intended as a guide for unions seeking to navigate and mitigate the impact on workers at closure of gas- and coal- fired power stations *and* large-scale closures and industrial disruptions not covered by The Authority. It distils learnings and best practice from recent closures in Australia to assist unions to respond quickly and effectively to the announcement of a large-scale layoffs.

The impact of any given closure both shapes, and is shaped by, the economic and regional setting in which it occurs. No two shocks are the same, and so we must be cautious about

any attempts to *identically* replicate success stories - what worked in one instance will not necessarily do so in another.

Closure interventions require a clear understanding of the severity of the problem to inform the level of support needed to mitigate both the direct and indirect short-term and long-term flow-on impacts. Effective management of large-scale job losses require a holistic transition response that simultaneously considers people and place, jobs and skills, and goals and strategies - now and into the future.

This document supports early union engagement by providing an overview of the impacts and common risk factors following large scale layoffs and actions unions should consider advocating for. While the scale and shape of support may change, the components remain largely the same.

This is intended to supplement any in-house expertise and help reduce replicating work. It provides an overview of common individual and structural risk factors for workers in transition.

Past closures show us that without proper support, large-scale layoffs can have serious individual, regional and national repercussions. They can have a devastating and lasting – sometimes intergenerational - financial and psycho-social impact on workers, their families, and their communities (Spoehr, 2014; Beale, 2022; Beer, et al., 2006; Barnes & Weller, 2020).

The first step to managing an industry closure requires an understanding of the context in which the closure is occurring. A survey of the impacted workers should be undertaken as soon as possible to get a clear understanding of the workforce and tailor the response accordingly. The survey should include employer and contract type, role, qualifications and skills, age, gender, migrant status, and employment tenure. Likewise, the local employment landscape needs to be mapped to understand what opportunities are available to manage the transition.

With proper planning, an industry closure is an opportunity for industry and regional development. This requires accurate mapping of the relationship between different jobs in the region, and how best to apply the skills available in these jobs into new areas of strategic, regional, or national importance.

Workers and their communities should not be left to bear the brunt of business decisions, and a closure/transition should not be considered a success even if most of the affected population has returned to a pre-crisis level, if others have been pushed into acute stress.

2.2 IMPACTS OF LARGE-SCALE JOB LOSS - Individual, Community and Regional

This section provides an overview of some of the serious impacts of transitions to inform and empower workers and their representatives.

2.2.1 Individual Impacts

Individual impacts are not distributed evenly. Older workers, lower-paid workers, those from new migrant backgrounds, or who do not speak English fluently, are more vulnerable to periods of long-term or cyclical unemployment (Bankwest Curtin Economics, 2018).

Beyond the loss of income, large scale job loss also poses a real risk to workers physical and mental health through periods of extended unemployment and the loss of social support networks (Davies, et al., 2017). In addition to feelings of grief and loss, risks to individuals include, but are not limited to, increased rates of unhealthy behaviour (smoking, drinking, and drug misuse), anxiety and depression, higher rates of morbidity and mortality, and in serious cases suicidal ideation (Beer, et al., 2006; Marmot, et al., 2006; Beale, 2022).

This includes the exacerbation of the well-established ill-health impacts of unemployment because mass redundancy can lead to an increased competition for work, extending individual periods of unemployment and pushing the impact into the community beyond the directly impacted workforce.

A significant finding from Beale's (2022) study of the closure of the automotive industry in South Australia was that retrenched workers who did find secure work did not report *any* poor mental health outcomes. This underscores the importance of quality of work as a protective factor for these workers.

Tip

Effective transition programs need to invest in the social, emotional, and financial support of retrenched workers and their families. Holistic support programs are about more than *just* finding work.

2.2.2 Impacts on Families

Unemployment, and specifically non-voluntary retrenchment, can also significantly impact the mental and physical health of workers' spouses, children, and extended families. Some reports indicate that the effect on spouses' health can be 'almost as high' as redundant workers (Davies, et al., 2017).

The flood of retrenched workers can displace existing job seekers who are less recently employed extending and compounding their period of unemployment.

Recommendation

Whenever possible transition support should be extended to the families of impacted workers and transition plans should also beware of exacerbating

disadvantage in a region.

2.2.3 Impacts on Community and Regions

In addition to the overarching economic environment, transition pathways are also shaped by their local and regional context. The regional context includes:

- Contractors and the immediate supply chain
- other businesses and industries in the region
- the community and support networks that sustain the people who live and work there

The towns or regions in which closures occur tend to feel the impacts most acutely. However, the impacts of contemporary closures are also dispersed over a wider zone than closures of the past and are likely to extend beyond the clearly defined borders of local government (Chapain & Murie, 2008).

Single-industry regions are at greater risk of extended periods of unemployment because it is less likely that the available work will require the same skillsets as the industries shedding labour (Beale & Gamble, 2024; Beer & Evans, 2010; Spoehr, 2014).

The loss of a major employer can also have a detrimental economic impact on local business activity through the loss of income to the supply-chain as well as local stores and cafes frequented by the workforce. Inter-industry linkages mean that small businesses outside the impacted industry can suffer negative outcomes – if the population shrinks or retrenched workers reduce their spending.

The loss of cash and in-kind donations to local schools, not-for-profits and other community organisations that are common practice for larger businesses can also have serious community impacts. This might seem a flippant consideration, but these donations often make up a significant portion of a community club's income. This is especially important given the role such organisations play as 'third spaces' in building community resilience and combatting social isolation.

This is an important consideration when gathering political and community support: the impact of large-scale layoffs is not the exclusive domain of the retrenched worker.

2.3 PART ONE: Risk Factors and Protective Factors

This section provides a brief overview of common risk and protective factors following large scale layoffs. It provides short insight into why each factor is a concern and what action can be taken to counteract it.

2.3.1 Individual Risk Factors

Transition support needs to be aware of individual risk factors. A survey of the impacted workers should be undertaken as soon as possible to get a clear understanding of the workforce and tailor the response accordingly. The survey should include employer, contract type, position, qualifications and skills, age, gender, migrant status, and employment tenure. Likewise, policy makers need to map the local employment landscape to understand what opportunities are available to manage the transition.

Effective transition programs need to conduct mapping of the workforce to identify the proportion of at-risk groups and to assist with skills mapping and matching.

2.3.1.1 Employment type

Transition outcomes can vary significantly between the ‘main’ closing employer and contracted and supply chain workers. Historically, this has been because contracted and supply chain workers have not been able to access the same level of transition support and access to services.

Recommendation

All impacted workers, including those who are contractors, or linked through supply chains, must have access to the same level of transition support.

2.3.1.2 Age

Older workers are more vulnerable to long-term and cyclical insecure employment and unemployment (Bankwest Curtin Economics Centre, 2018; Davies et al., 2017). Older workers often find themselves working lower-quality jobs after a closure or forced into early retirement.

Recommendation

There is a real danger for workers who fall into the gap between being “too young to retire and too old to retrain”. Although these categories are largely

socially constructed, they have been shown to have material impacts. These workers are likely to need extra and targeted support. For example, this might include digital literacy training.

2.3.1.3 Gender

Many of the industries most likely to be directly impacted by decarbonisation are male dominated. Male labour force participation rates have been falling for decades and non-voluntary part-time work for men has increased dramatically.

Recommendation

Gendered impacts manifest differently across different industries, but it is important to understand the gendered nature of the impacted workforce and of the broader industry.

2.3.1.4 Migrant workers

Migrant workers can be vulnerable to long periods of insecure employment or unemployment after a large-scale layoff and their experience of it may be exacerbated by the absence of citizenship rights (Barnes & Weller, 2020).

Recommendation

Migrant workers may need greater, and culturally and linguistically targeted, assistance to ensure they find suitable, good quality work in a timely manner.

2.3.1.5 Employment Tenure and Quality of Existing Work

Workers who have enjoyed long term good quality work and are financially stable may be insulated from some of the more immediate and negative aspects of industrial disruption. In contrast younger and insecurely employed workers are unlikely to have a personal financial safety net to cushion the transition.

Recommendation

A long tenure in a stable job may act as a protective factor but is not a guarantee. It should not be assumed older workers nearing retirement will be financially secure.

2.3.1.6 Transition funding and support programs

Worker's transition funding and support programs should be made available as soon as possible and remain available for a period after retrenchment. After the auto closure, workers had to access federal, state and company funding through three separate processes – that also had separate guidelines. This was confusing and ultimately meant many workers did not access all the retraining funding that was available to them.

Recommendation

Workers should have access to evidence informed advice that helps them identify growth industries to increase the likelihood any training will help them get a job.

Recommendation

Wherever possible retraining funding should be pooled, meaning it is available in one place. As a guide, auto workers in SA were eligible for a cumulative \$3,800 to \$4,300. These figures are inclusive of State, Federal, and Company funding - the variation is dependent on whether they were working at Holden or in the supply chain.

2.3.2 Structural Risk Factors

2.3.2.1 Quality of work

High rates of insecure work in the broader economic landscape is a pernicious problem for transition programs. Likewise, worker's employment outcomes are unlikely to be static or linear. Workers who take on lower quality work after a closure are more likely to churn through multiple jobs and are at greater risk of experiencing negative financial and physical and mental health outcomes.

Without adequate and targeted support workers will struggle to find work of equal or greater quality than the jobs they have lost.

Historically, transition programs have focused on getting workers into new employment as quickly as possible – often at the expense of job quality. And, if present at all, their approach to job quality has often been grounded in the somewhat euphemistic 'expectation management' – that is, preparing workers to accept lower quality work.

Recommendation

Good quality jobs need to be a core focus of all transition support programs. Without targeted support it is ill-advised to assume that the first job a worker finds will be the right job and pushing workers into poor quality work just pushes the problem into the future.

2.3.2.2 Timing – The Importance of an Early Intervention and a Long Tail

Industrial disruption presents both short- and long- term problems: the initial wave of unemployment and then the ongoing regional socio-economic impacts. These elements are interrelated: in general, the greater forewarning workers, business, and government have of a closure, the better. Greater warning provides time to plan and, assuming the time provided by the forewarning is well utilised, the processes put in place moderate some of the more severe and lasting negative ramifications – known as the aftershocks.

Equally important, however, is ensuring transition support has a ‘long tail’. Research from past closures warn that many of the most negative social problems do not emerge for 18 to 24 months, when retrenched workers’ payouts diminish and holidays end (Henderson & Shutt, 2004).

Recommendation

Early ‘intelligent intervention’ beginning with the forewarning of the closure (be it a formal announcement or otherwise) and carrying on long after the last day on the job is key to handling closures well (Spoehr, 2014; Beale, 2022).

2.3.2.3 Exploitative training providers

It is important to be aware of unscrupulous private training providers that can appear following the announcement of large-scale layoffs – especially if that announcement is accompanied by re-training funding for impacted workers.

Recommendation

Workers should be warned and assisted to identify genuine retraining opportunities.

2.3.2.4 Single industry towns – population outflow

In regions highly dependent on one industry, large scale layoffs risk fuelling population outflow.

Industrial linkages mean that the impact of a closure spreads beyond the directly impacted workers to other industries in the region, causing additional employment and industry output losses.

Impacted workers may move to find work and, in serious cases, this can create a chain reaction in the broader population.

3 Economic Complexity

Economic complexity is a measure of the knowledge or capabilities embedded with an economy.

When we say capabilities - we mean the knowledge, skills, human and physical capital, and other endowments such as access to raw materials or climate, that a country or region possesses, enabling it to produce certain goods or services. Capabilities can be determined by trade data, or other data sources such as employment by industry.

In principle, the more capabilities a country has (i.e., the higher its economic complexity), the more ways these capabilities can be combined to create new or unique products which can not be created elsewhere.

Economic complexity quantifies and describes the differences in capabilities between economies at a point in time. Differences in economic complexity can explain why there are differences in per-capita Gross Domestic Product (GDP) (Hausmann 2013).

A key outcome from economic complexity analysis is the importance of path dependency. The future development patterns of a country or region can be predicted based on its current capabilities. This builds on a theoretical concept called *relatedness*.

Relatedness is a measure of the probability that a country or region who is specialised in one product will also specialise in another product.

Some examples include:

- a country that exports t-shirts is more likely to also export pants because of the similarity of skills and equipment required
- a region that specialises in copper mining is more likely to also specialise in other kinds of mining because of the similarity of skills, equipment, and co-location of minerals
- a region that exports bananas is more likely to also export mangos because of the similarity of climate

Relatedness between jobs or products can be due to technological sophistication, knowledge spill overs from one activity to another, similarities in inputs or outputs in value chains, or the presence of requisite institutions.

3.1 Economic Complexity in Australia

In Australia, there has been a continuous decline in the contribution of the manufacturing sector to overall GDP, and manufacturing employment to the total workforce. While de-industrialisation has been seen across other countries, the decline in Australia has not only relative to other sectors, but absolute. The decline of manufacturing in Australia was punctuated by announcements in 2013 and 2014 that local automotive manufacturing would come to an end. As such, the decline in Australia's ranking in economic complexity, as shown in Figure 3.1 has been rapid. Australia's economic complexity now ranks 102nd, similar to Namibia, Ghana, and Botswana.

Outside of the broader trend of de-industrialisation, the question remains: what industries can replace those which are in decline, or have been lost? Research shows that different policy responses are required depending on the current level of complexity (Hidalgo 2021)



Figure 3.1: Economic Complexity Index, Australia, Canada, Germany

3.2 Embedding Economic Complexity into Industry Policy

The deliberate lack of industry policy in Australia in favour of policy based on the rationality of markets has resulted in an economy which prioritises sectors and activities that generate the highest returns to capital.

Active and directional industry policy instead prioritises sectors and activities that provide higher returns to society. Such sectors:

- embody greater knowledge intensity and have high positive spill-overs (for example, local/domestic processing and value-adding of minerals compared to dig and ship)
- can assist with large scale societal challenges, such as the decarbonisation/net zero agenda (and capturing the economic benefits), building and retaining sovereign capabilities, and generating inclusive economic growth (reversing inequality).
- have the potential to create high quality and secure jobs

Economic complexity analysis provides a quantitative evidence base for how to best direct existing industrial capabilities towards building an economy that works better for everyone. Economic complexity is a method for identifying both the existing productive capabilities of a location, but also the links between existing capabilities and potential future capabilities/opportunities.

This is not a new idea:

The concept of smart specialisation focuses on the importance of location and regional knowledge. Smart specialisation has been used as the basis for industry and innovation policy throughout Europe - to direct regional economies along place-based technological trajectories, based on the existing knowledge present in the region (Rigby and Essletzbichler 1997). Smart specialisation policy realises that - because knowledge is location dependent - improved development outcomes can be created by focussing on distinctive and original areas of specialisation, rather than simply copying what has been successful elsewhere (Dominique Foray, Paul A. David, and Bronwyn Hall 2009) . That is, what has been successful in one region (i.e. Silicon Valley) may not necessarily work in other regions.

i Note

A comprehensive industry policy should be seen as an industrial strategy. The first step of such a strategy requires a formal identification of existing and future opportunities. Economic complexity provides a framework for identifying opportunities based on current industrial capabilities. These opportunities lead to increases in economic complexity, which means more capabilities, skills, and knowledge, and economic growth. This creates a self-reinforcing cycle where an industry policy embedded with economic complexity generates opportunities which build complexity which create more opportunities.

3.2.1 Diversification Analysis and Opportunity Identification

Diversification analysis is the first and most basic method available. It looks at the existing capabilities in a region, and identifies what related activities can be prioritised to best make use of these capabilities. For example, consider the economic complexity of a region like Whyalla. Table 3.1 shows the top ten industries in which Whyalla has an employment capability.

Table 3.1: Employment capabilities, Whyalla

lga	indp	count
Whyalla	Natural Rubber Product Manufacturing	1
Whyalla	Basic Ferrous Metal Manufacturing	1
Whyalla	Sheet Metal Product Manufacturing (except Metal Structural and Container Products)	1
Whyalla	Water Freight Transport	1
Whyalla	Waste Treatment, Disposal and Remediation Services	1
Whyalla	Metal Container Manufacturing	1
Whyalla	Water Transport Support Services	1
Whyalla	Oil and Gas Extraction	1
Whyalla	Other Mining Support Services	1
Whyalla	Basic Ferrous Metal Product Manufacturing	1

Table 3.2: Diversification Opportunities for Whyalla

indp	count	rca	cog	density
Bakery Product Manufacturing	16	0.5469541	-0.24713749	0.3213
Other Food Product Manufacturing	4	0.4191929	-0.12531792	0.2568
Textile Product Manufacturing	4	0.9909592	0.03418554	0.2460
Other Wood Product Manufacturing	8	0.7245042	-0.11136617	0.2748
Cement, Lime, Plaster and Concrete Product Manufacturing	5	0.6040648	-0.18163767	0.2790
Other Fabricated Metal Product Manufacturing	6	0.8314774	-0.01447842	0.2635
Professional and Scientific Equipment Manufacturing	7	0.9552930	0.59366671	0.1512
Specialised Machinery and Equipment Manufacturing	4	0.6127312	-0.22163289	0.3103
Other Machinery and Equipment Manufacturing	4	0.7331176	-0.17877799	0.2910
Furniture Manufacturing	3	0.2115900	-0.03719024	0.2642

Economic complexity analysis reveals how “close” other activities are to the existing set of capabilities, through a measure called *density*. Figure 3.2 shows the relationship between proximity to unexplored manufacturing activities, and the benefit to Whyalla’s complexity from pursuing them.

The relationship between benefit and feasibility is negative - activities which are more beneficial will be more difficult to pursue. All diversification opportunities are shown below in

- Diversification analysis is the first and most basic method.
- Given a suite of existing capabilities, what related activities can be prioritised to best make use of the capabilities.
- Identify where those related activities can be performed.

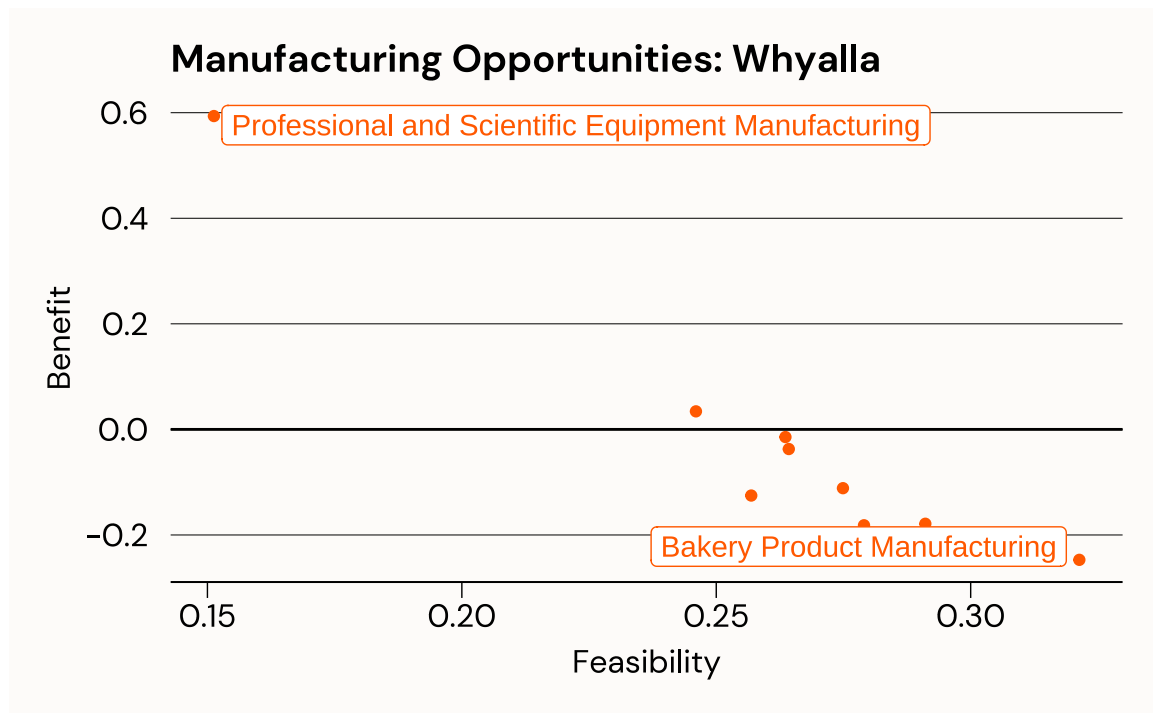


Figure 3.2: Economic benefit

3.2.2 Opportunity Identification

- Opportunity identification takes the diversification results and analyses:
 - current and future strengths and weaknesses within the sector
 - competitors and suppliers
 - anticipated international market conditions and industry demand characteristics
 - barriers to entry and minimum efficient scale issues
 - the size and economic significance of the opportunity
 - the most important elements of the value chain to capture
 - the alignment between the opportunities and strategic, regional, or national goals and priorities.

4 Procurement

Part II

Future of Work

i Note

Emerging industries will replace, or supplement existing industries. The net-zero transition necessitates the closure of some industries (coal and gas fired energy generation), and production changes for others (direct reduction of steel).

The way in which we work is changing. The manufacturing industry in particular faces disruption from two directions:

- decarbonisation and net zero requires energy and carbon intensive manufacturing processes to transition into using renewable generated electricity, such as in the aluminium industry, or a change in process to no longer require carbon as an input, such as in the iron and steel industry.
- the development, adoption, and diffusion of advanced manufacturing technologies, such as digitisation, robotics, automation into manufacturing processes changes the kind of work being done on the shop floor.

Understanding the impact that these disruptions have on occupations, skill requirements, and employment is important to:

- build organising capacity and capability in emerging sectors and;
- know whether our existing rules will be suitable to get coverage in emerging sectors, or if not, to get a head start in what rule changes are needed.

Emerging Sectors

The following sectors have been identified as target industries for further investigation

5 Steel and Aluminium

5.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

5.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

5.3 Conclusion

- summary
- any other issues

6 Wind Tower Construction

6.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

6.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

6.3 Conclusion

- summary
- any other issues

7 Laboratories

7.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

7.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

7.3 Conclusion

- summary
- any other issues

8 Aviation

8.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

8.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

8.3 Conclusion

- summary
- any other issues

8.4

9 Defence

9.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

9.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

9.3 Conclusion

- summary
- any other issues

10 Roadside Assistance

10.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

10.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

10.3 Conclusion

- summary
- any other issues

11 Construction Supply Chains

12 Mine Servicing

12.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

12.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

12.3 Conclusion

- summary
- any other issues

13 Food

13.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

13.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

13.3 Conclusion

- summary
- any other issues

14 Iron and Foundries

14.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

14.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

14.3 Conclusion

- summary
- any other issues

15 Rail

15.1 Industry Overview

- is the industry in growth or decline?
 - employment
 - output
 - revenue

15.2 Opportunities

- what and where are the opportunities for growth?
- is there an opportunity to use multi-employer bargaining, same job same pay, or other tools?
- is there an opportunity to use FMIA

15.3 Conclusion

- summary
- any other issues

16 Summary

In summary, ...

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