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From Design Justice to Collaboration

Albert S. Kochaphum
Week 5 | July 19th, 2021

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Week 5

 Start presenting to display the poll results on this slide.

Today's Agenda

Logistics

Lecture

Discussion



Logistics

- **Group check-in** this week
 - Two groups have not signed-up yet
- **Finals Availability:**
 - Fill out this **When2Meet** by Friday 7/23
-

Lectures: Looking ahead

	Date	Topic
Week 5	7/19	• Our role as facilitators
	7/21	• UX/UI Design
	7/23	Lab
Week 6	7/26	Final Lab
	7/28	• Beyond web development and GIS for social change
	7/31	Rough Draft Presentations

 = Visiting Voice (hopefully)

Week 4 ALwards

Theme of the week

Our role as facilitators to civil society.

Our class in the news!

What does this look like?



<https://www.theguardian.com/environment/2021/jul/18/how-data-could-save-earth-from-climate-change>

Yep! Technological Determinism at its finest!

What do you do when...

Science and Society are at odds...

[Home](#) > [Science](#)

Fauci says **anti-vaxxers** could ruin our chances for herd immunity from a coronavirus vaccine



June 29th, 2020 at 4:40 PM

<https://bgr.com/science/coronavirus-update-fauci-usa-vaccine-herd-immunity-anti-vaxxers/>

Justice and Society are at odds...

When do you stand up to authority?



Robert Mackey

July 18 2021, 8:54 p.m.

As Transphobes Rally Again at Los Angeles Spa, Police Attack Counterprotesters

Although right-wing extremists stabbed two demonstrators and clubbed a journalist at the first Wi Spa protest, the LAPD cracked down on left-wing protesters at the second.

LOS ANGELES POLICE attacked trans rights activists with batons and rubber bullets on Saturday, declaring an unlawful assembly outside a spa where dozens of far-right transphobes [dressed for battle](#) gathered for the second time this month to demand that the facility stop permitting trans women to use the women's section.

<https://theintercept.com/2021/07/18/transphobes-rally-los-angeles-spa-police-attack-counterprotesters/>

Corporations and Individuals are at odds...

When do you stand up to corporations with powerful influence?

The New York Times

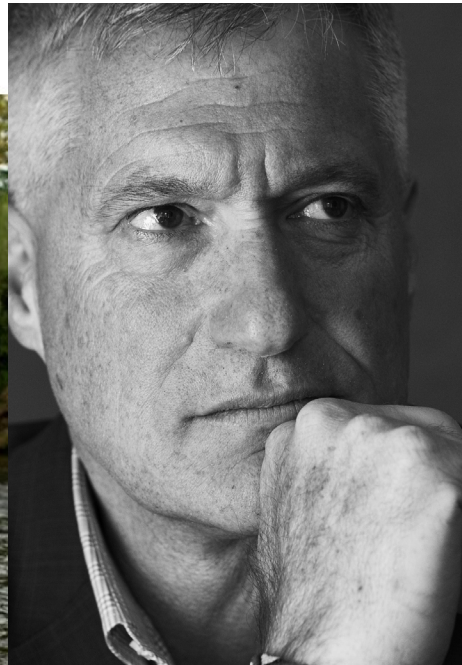
Ecuador Judge Orders Chevron to Pay \$9 Billion

Local residents washed in the contaminated Santa Fe River, in the oil producing Amazon region of Ecuador. Moises Saman for The New York Times




Crime & Justice


Lawyer on trial a decade after winning huge Ecuador verdict against Chevron



When do you stand up to corporations with powerful influence?



 Try our Docket Alerts or Log in



 **COURTHOUSE NEWS SERVICE**

Monday, July, 19, 2021

Steven Donziger, Who Battled Chevron in Ecuador, Has Been Disbarred

After helping indigenous Ecuadorians win a \$9.8 billion verdict against Chevron for polluting the Amazon rainforest, Steven Donziger's decades-long advocacy ended in his disbarment on Thursday.

ADAM KLASFELD / August 13, 2020



<https://www.courthousenews.com/steven-donziger-who-battled-chevron-in-ecuador-has-been-disbarred/>

When do you stand up to corporations with powerful influence?





On 700th Day of House Arrest, Allies Rally for Freedom of Steven Donziger

"If we do not now stop corporations like Chevron from weaponizing the law, the rights of all earth defenders will be in jeopardy," said the human rights attorney.



KENNY STANCIL
July 7, 2021



<https://www.commondreams.org/news/2021/07/07/700th-day-house-arrest-allies-rally-freedom-steven-donziger>

How do you apply design justice here?



<https://www.theguardian.com/news/2021/jul/19/spyware-leak-suggests-lawyers-and-activists-at-risk-across-globe>

Design Justice (re)-applied

KQEDSave Article

WILDFIRE

The Karuk Used Fire to Manage the Forest for Centuries. Now They Want To Do That Again

 **PAUSE STORY**

By [Danielle Venton](#)  May 28 Save Article

For thousands of years before contact with Europeans, the Karuk people, like many Native American tribes, tended their land with fire, keeping an ecological balance among plants, animals, river, and forest.

<https://www.kqed.org/science/1973196/the-karuk-used-fire-to-manage-the-forest-for-centuries-now-they-want-to-do-that-again>

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Thoughts about these recent events?

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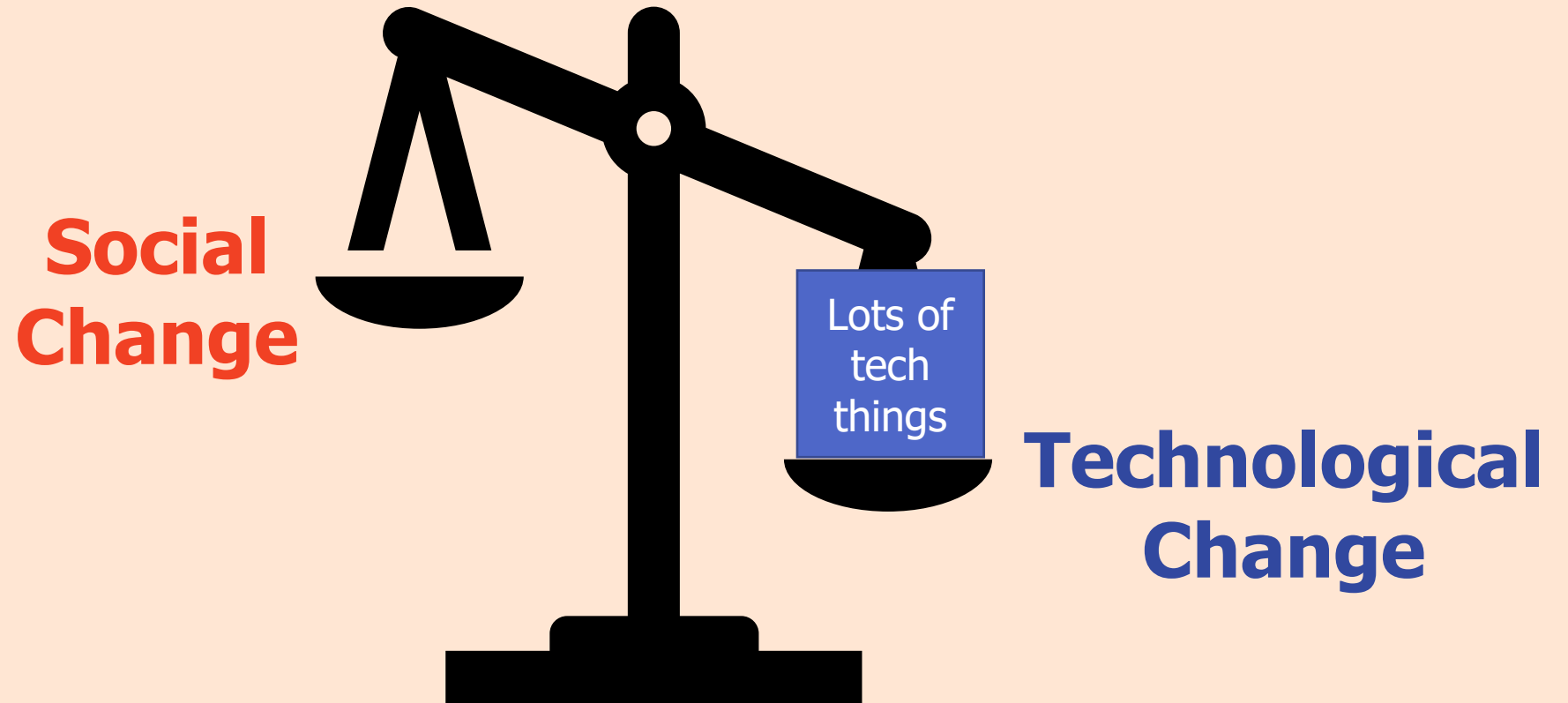
Design is relatively easy.

Justice is hard.

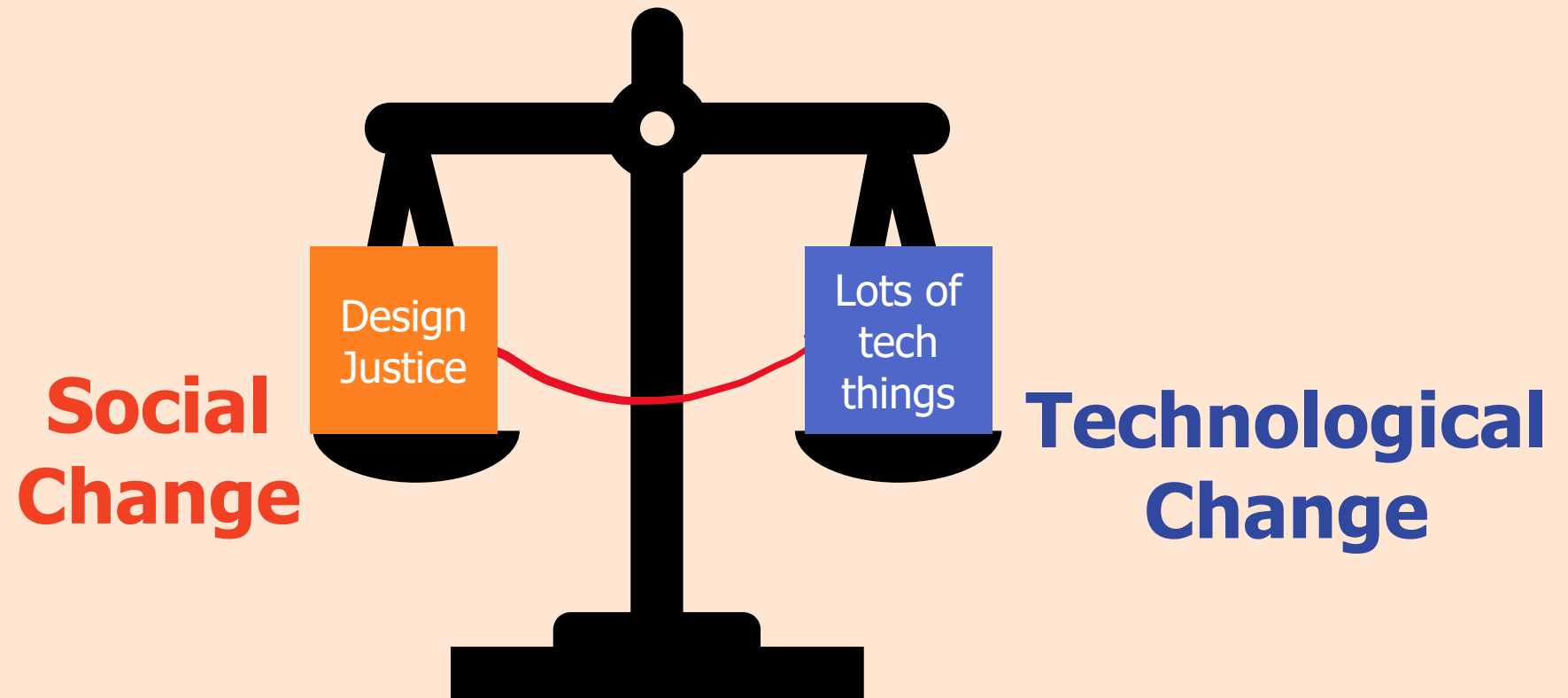
Design Justice is not an “ideal” or “theory”

Design Justice is a **holistic framework** and **approach** to rebalance **society** and **technology** by focusing on **marginalized** communities

Recall, as a society this is where we are at:



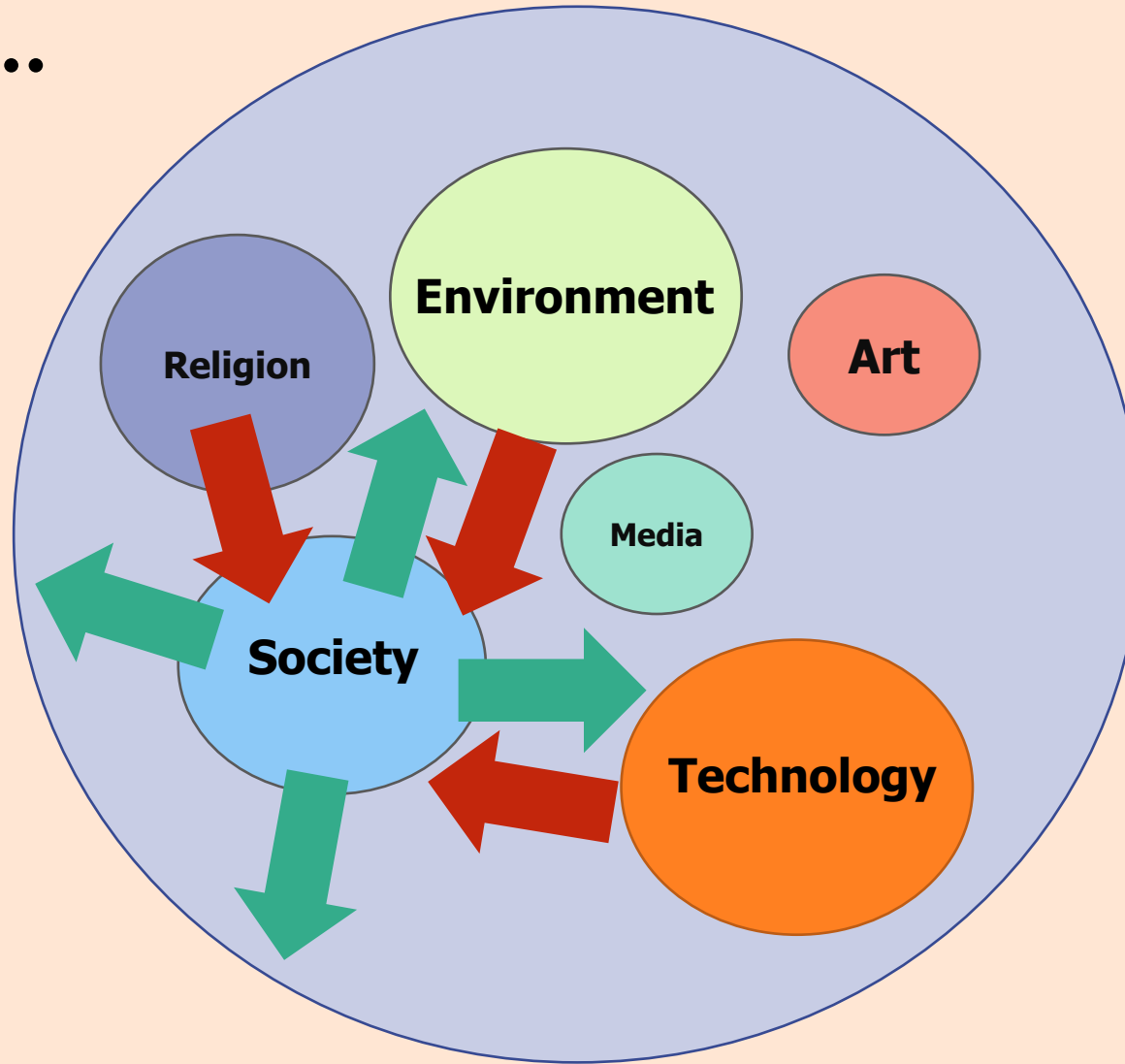
This is where design justice framework comes in:



Sure, **design justice not the answer to everything,
but it is a helpful approach to **rebalancing**.**

Why?

Design Justice...



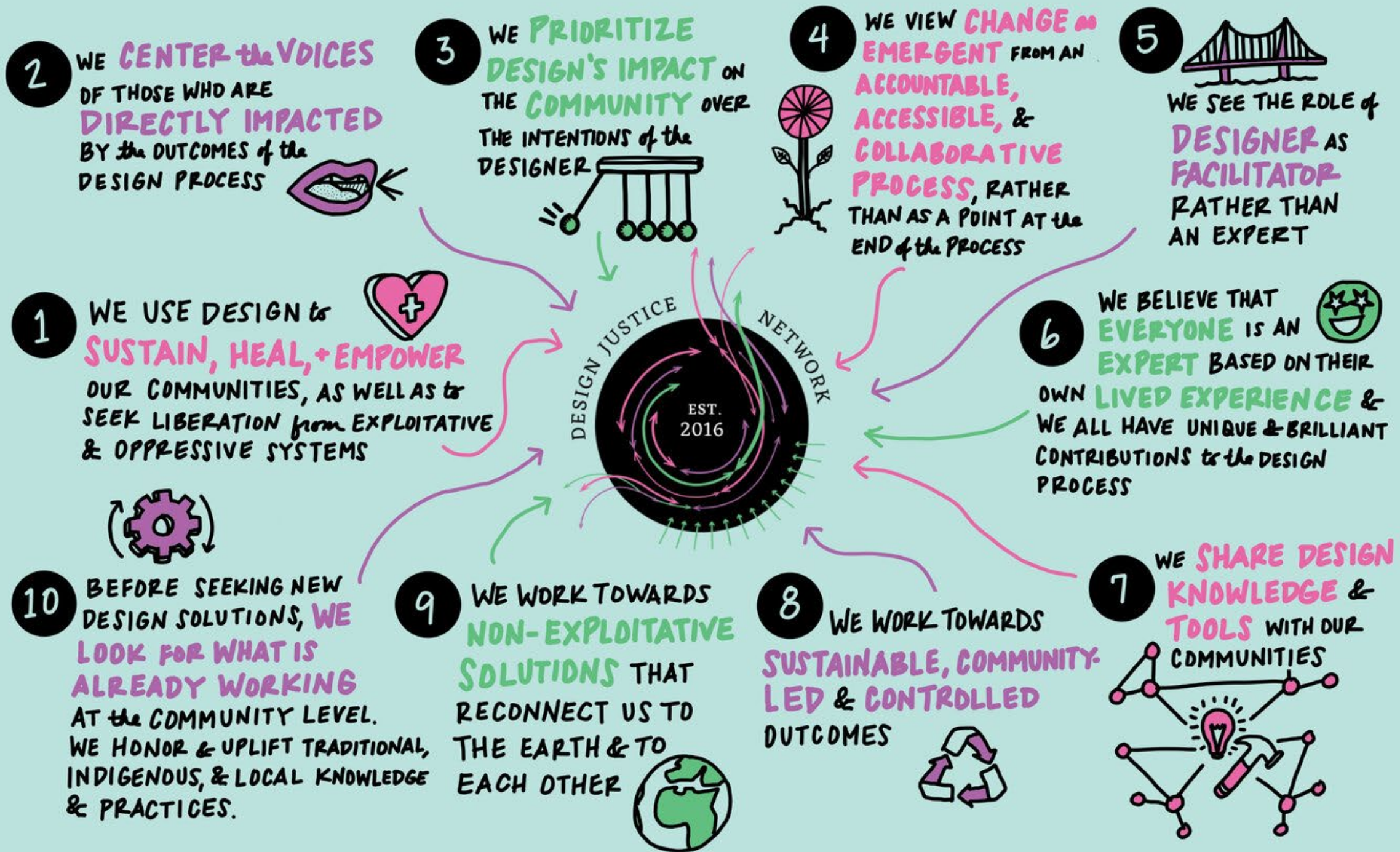
Pushes back from the interplay of other forces, by healing, sustaining, and empowering civil society

Revisiting Design Justice to... Do it justice.

Design Justice Principles:

1. Use design to **sustain, heal, and empower** communities
2. **Center voices** directly impacted by design
3. **Prioritize** design's **impact on the community** instead of designer's intentions
4. **Change** comes from an **accountable, accessible, and collaborative process.**
5. **EVERYONE is an expert** based on their own lived experiences
6. **Share design knowledge** and tools with communities
7. Work towards **sustainable, community-led** and **community-controlled** outcomes
8. Work towards **non-exploitative solutions**
9. Before seeking new solutions, **look for what is already working**

FRAMEWORK & PRINCIPLES



Discussion in applying design justice

Discussion: Part 1

1. Randomly join breakout rooms **WITHOUT** your group members!
 - I will move people in the same groups to different breakout rooms
2. Take turns introducing **your group projects**. (1-2 mins per person)
3. Lead a discussion and take notes on how **your group project** could better use **design justice principles**. (5 - 8 mins per person)

Discussion: Part 2

- 1. Join your **group project** in a breakout room and then discuss your notes from part 1.**
- 2. Summarize some key elements of design justice that your **group project** could be improved upon or already does well and why. (10 mins)**
- 3. Report back and share.**

Concepts to learn today



Data Justice



Peership

Data Justice

Hold your skepticism...



What is **Data Justice**?

Fairness in the way people are:

1. Made visible
2. Represented
3. Treated

That involve their digital data.

Why bring up data justice now?

We are collecting data this week.

Why bring up **data justice** now?

**Personal data and privacy should be a right,
like clean air, water, food, and housing.**

Why bring up data justice now?

Surveillance capitalism and fascism are fast growing issues.

Some key



S about
Data Justice

Three pillars of data justice

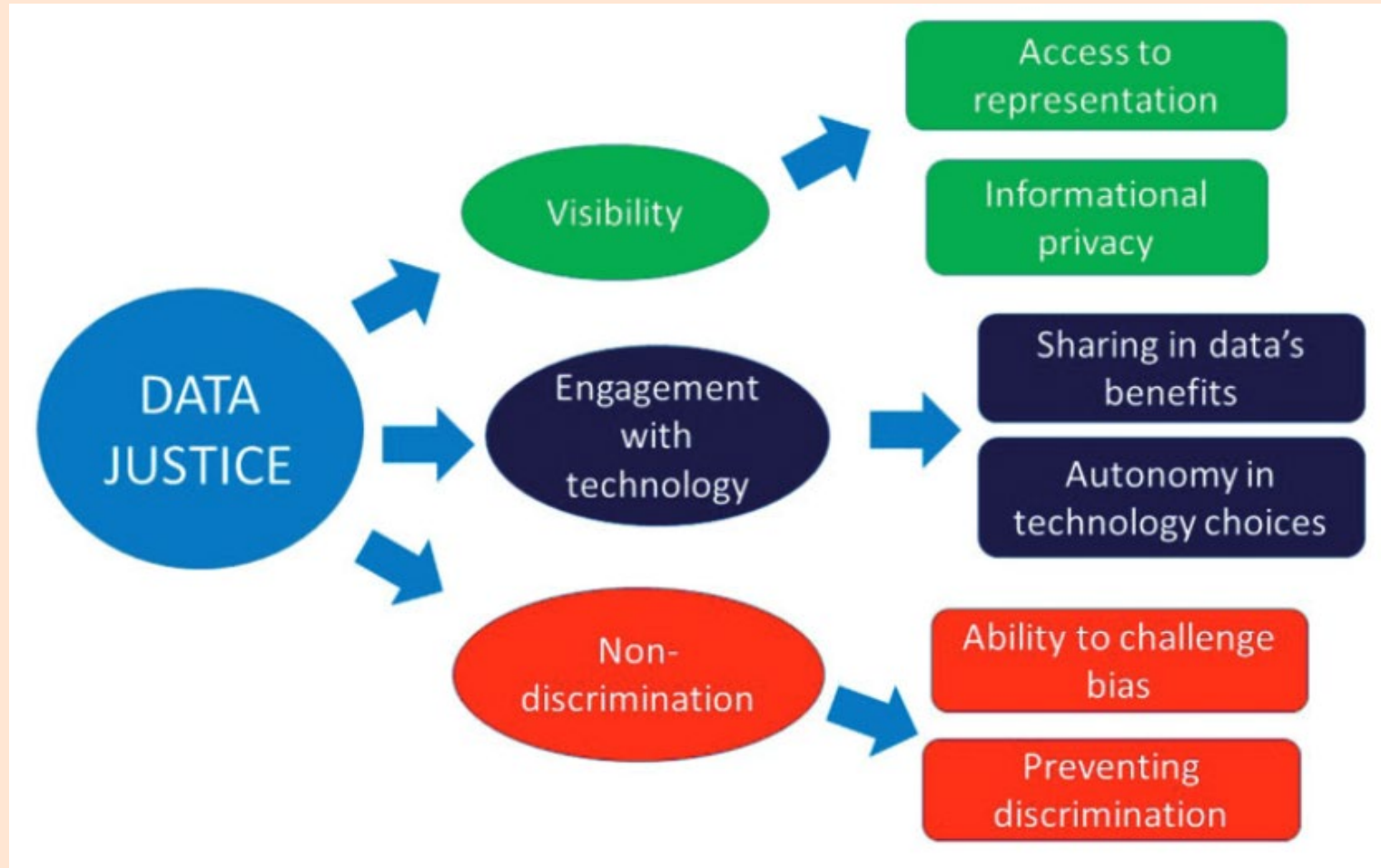
- **(in) visibility**
- **(dis) engagement with technology**
- **non-discrimination**

Note the **invert** of the first two concepts.

**SO YOU DIDN'T JUST
USE ANY RANDOM MOVIE?**



Connecting Design Justice to Data Justice



What is data justice? The case for connecting digital rights and freedoms globally

Consider your surveys

(In)Visbility

- How are you making community data visible?
- How are you allowing data to be removed?

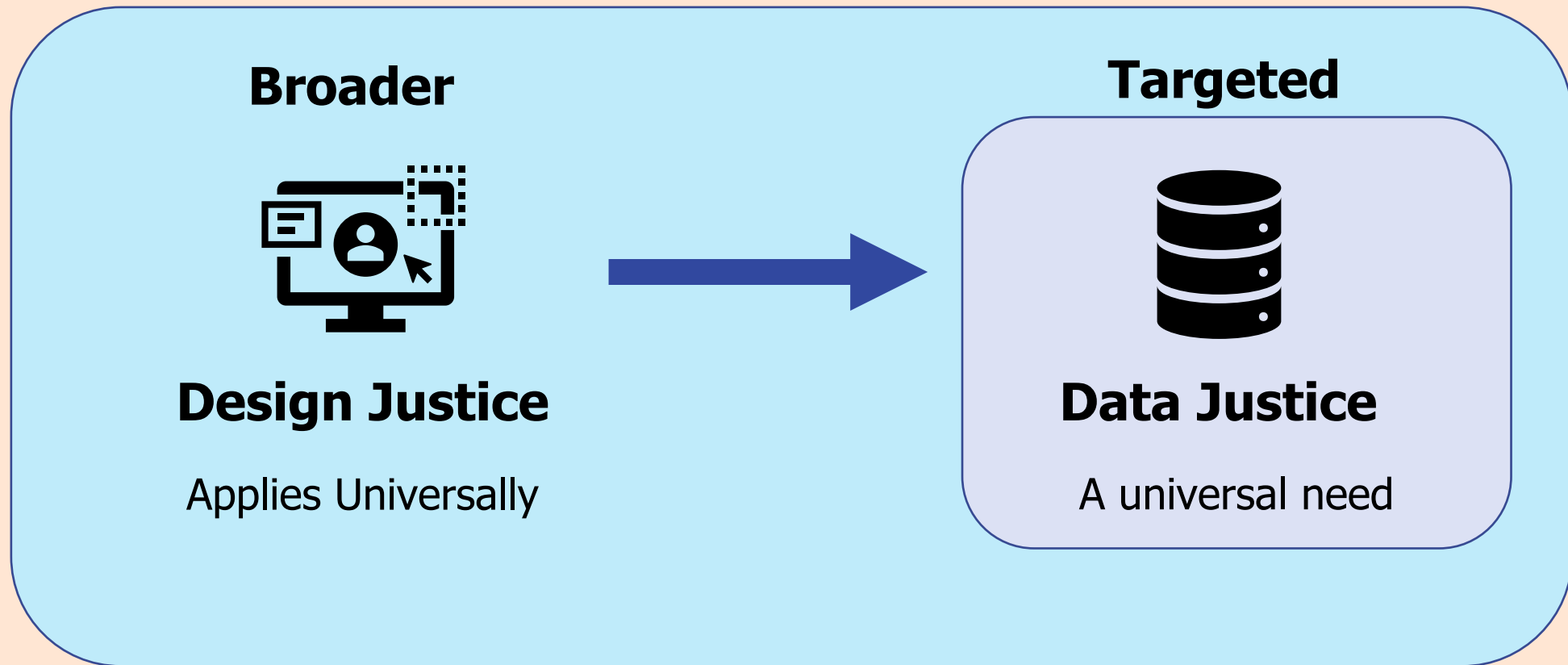
(Dis)engagement with technology

- Are participants allowed to use any technology? (Smart phone/web browser)
- How are you enabling participants to opt-out using technology but still participate in your issue?

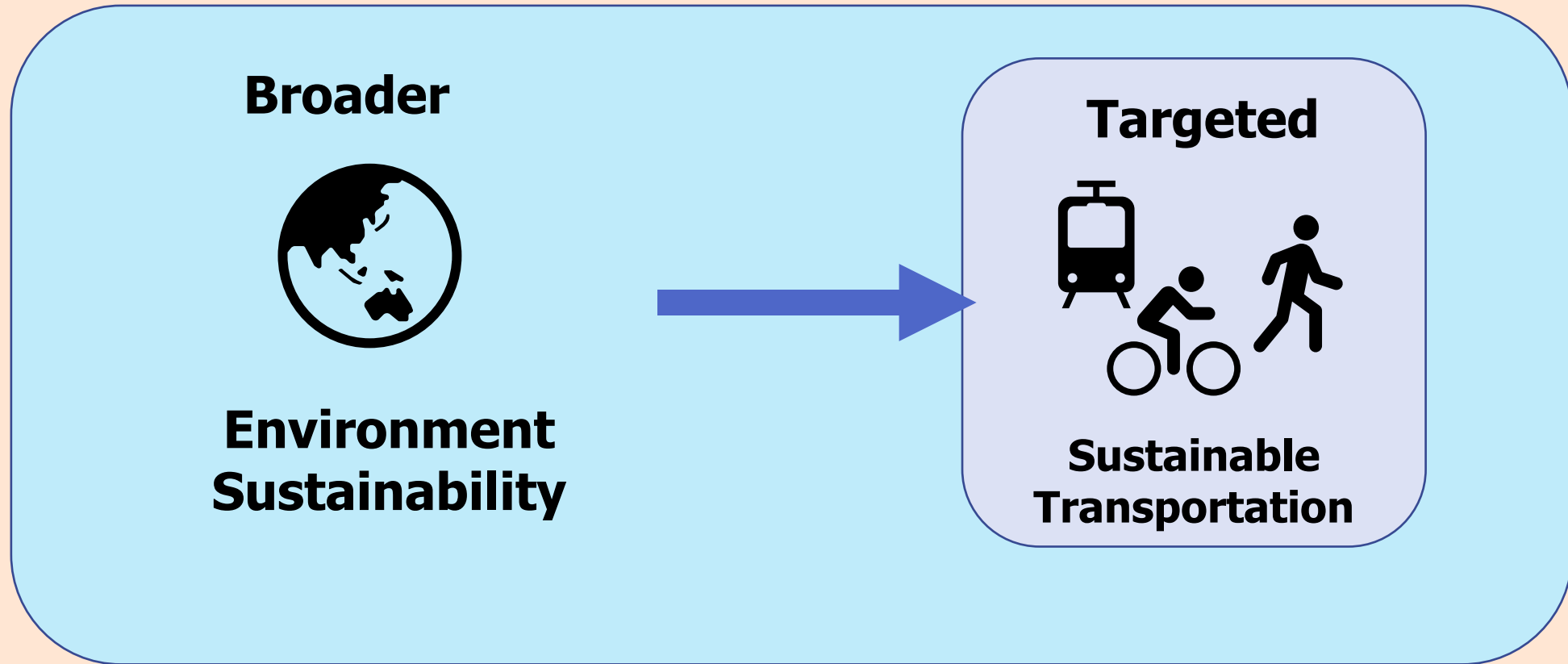
Non-discrimination

- How can survey participants voice their concerns about how their data is being displayed?
- How can participants prevent discrimination?

Connecting Design Justice to Data Justice



Connecting Design Justice to Data Justice



Returning to the bridge of ethics

Evaluate a new idea



1

**Capability
Approach**

**What are you
enabling?**

2

**Virtue
Ethics**

**How does
this action
make you a
better
person?**

3

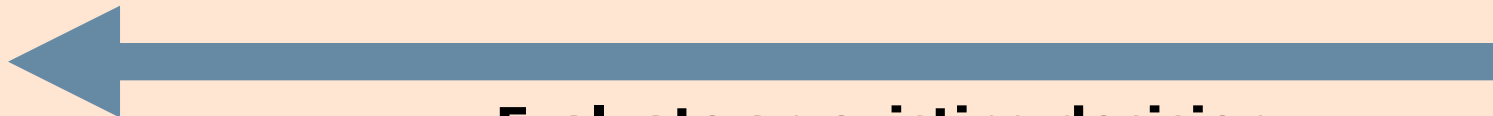
Deontology

**How do you
uphold
universal
moral duty?**

4

Consequentialism

**What is the
goodness of
the action
done?**



Evaluate an existing decision

The capabilities approach and the role of data justice



What is data justice? The case for connecting digital rights and freedoms globally

Design Justice and Data Justice are interconnected

Key Takeaway:

Design Justice



How does your application fit into the larger context of empowering civil society?

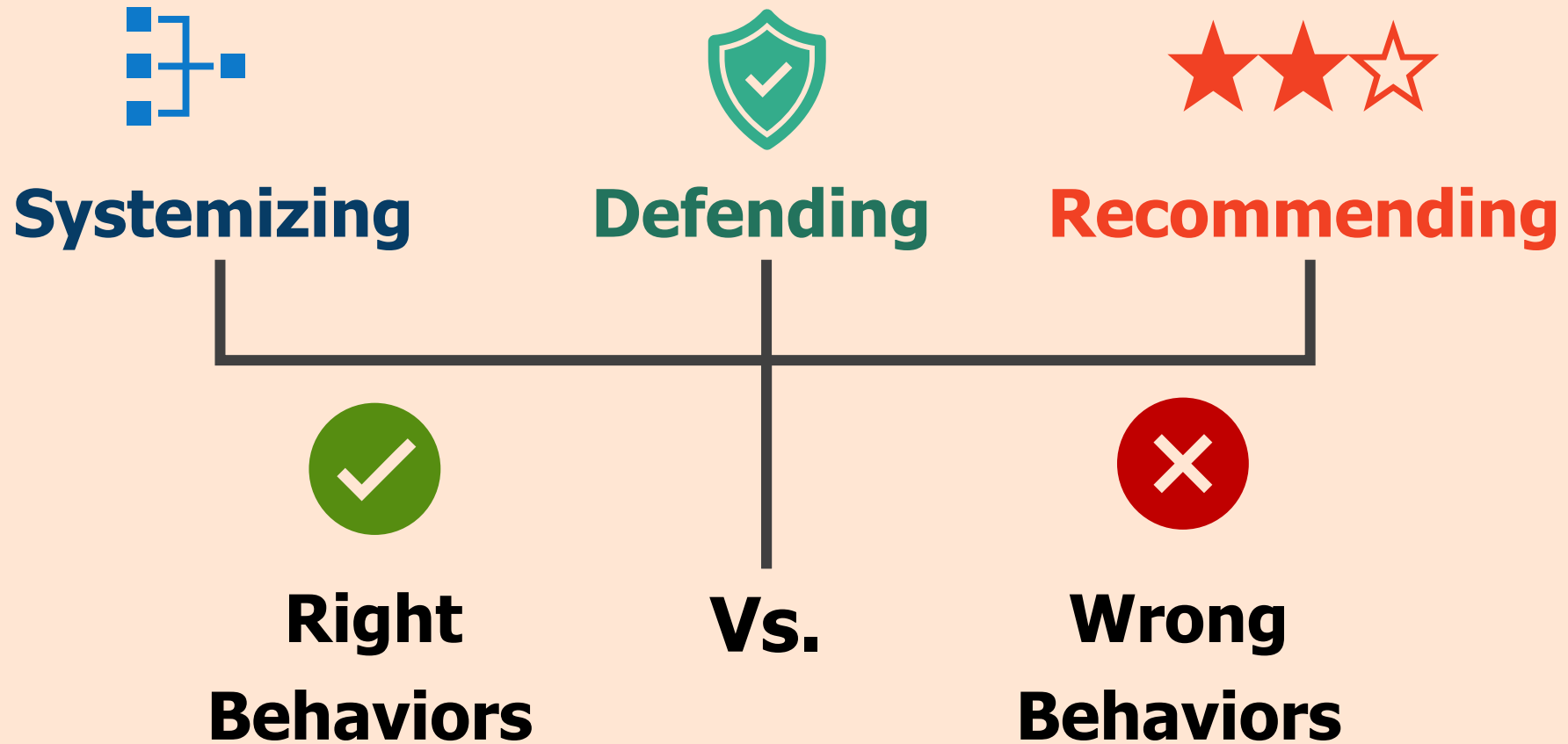
Data Justice



Do the parts of your application protect the inherent rights of people?

Both are ethical frameworks for **systemizing and **defending** your decisions**

Remember, ethics is about:



Ok, seriously, why is this important to mapping?

Global US Los Angeles

Data Source:
COVID-19 Data Repository by Johns
Hopkins CSSE

Last updated: 5/8/21

157,284,719

confirmed on 5/8/21

Play

Show data with symbols that are:

Proportional Logarithmic

Confirmed I→ Deaths I→

1/22/20

5/8/21

Map Type ▾

+

-

1/22/20 2/10/20 2/29/20 3/19/20 4/7/20 4/25/20 5/14/20 6/2/20 6/21/20 7/10/20 7/29/20 8/17/20 9/5/20 9/23/20 10/12/20 11/19/20 12/27/20 2/3/21 2/21/21 3/12/21 3/31/21 4/19/21 5/8/21

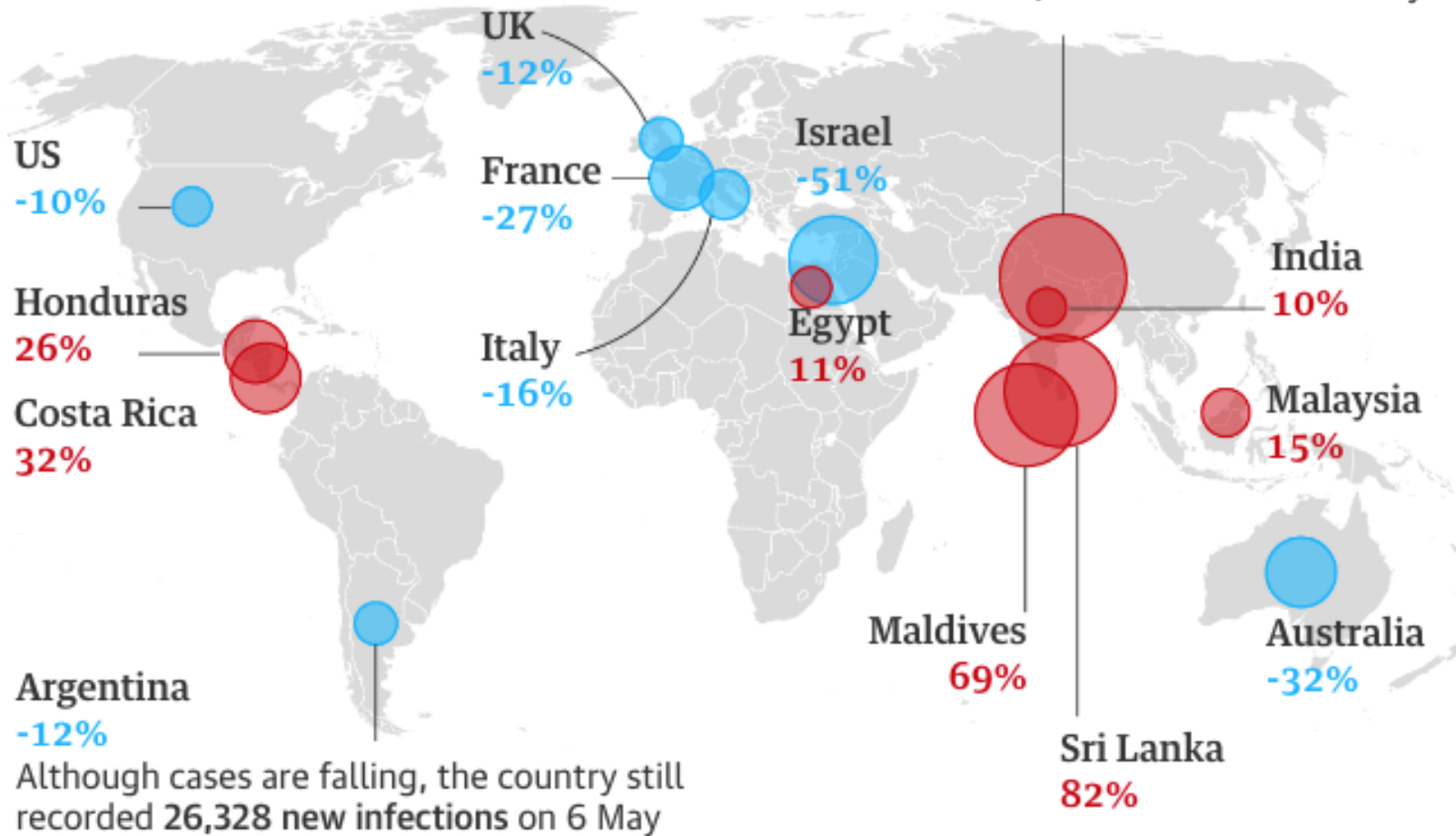


	Cases	Deaths
US	32,686,256	581516
India	21,892,676	238270
Brazil	15,145,879	421316
France	5,718,165	105530
Turkey	5,016,141	42746
Russia	4,816,331	111097
United	4,433,090	127603

<https://sandbox.idre.ucla.edu/covid19/>

Rising and falling Covid-19 cases

The past week has highlighted disparities between richer and poorer nations when tackling the pandemic



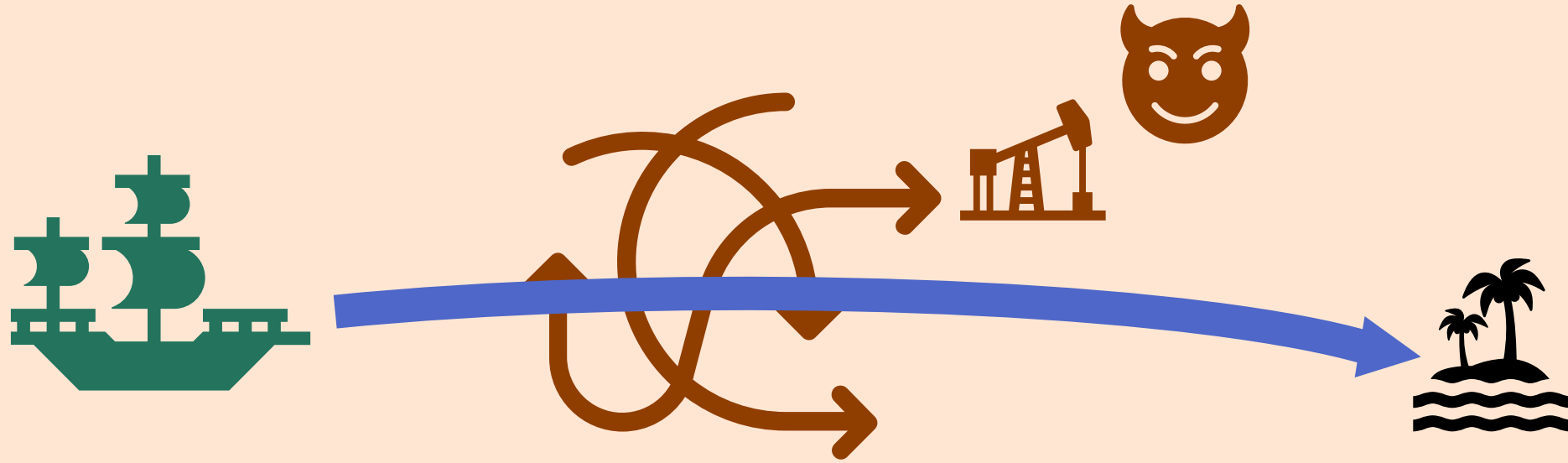
Guardian graphic. Source: WHO Covid-19 dashboard

**Data is not objective.
Our applications are not objective.
What is objective then?**

Our experiences and the communities we empower.

We **must focus our applications with
ethical frameworks to avoid misconceptions.**

Why?



Decide where you want to be going with your mapplication.

Or external forces will decide that for you.

Be intentional and thoughtful

Key: Be intentional and thoughtful

If your designs and data intentions are not clear, it will be easy for others to turn your intentions against you and the community.

Most critical point

Be intentional in what you design and what you choose to share.

Design is relatively easy

Justice is hard

But...

**The arc of the moral universe is long, but it
bends towards justice.**

-Martin Luther King Jr.

So let's fight on the side of the moral arc.

Together with...

Collaboration and Mentorship

Mentorship is everywhere

Building Mentorship Frameworks Requires:

- 1. Consistency and sustainability**
- 2. Aligning on expectations: what is each party getting out of this?**
- 3. How formal does the relationship need to be?**

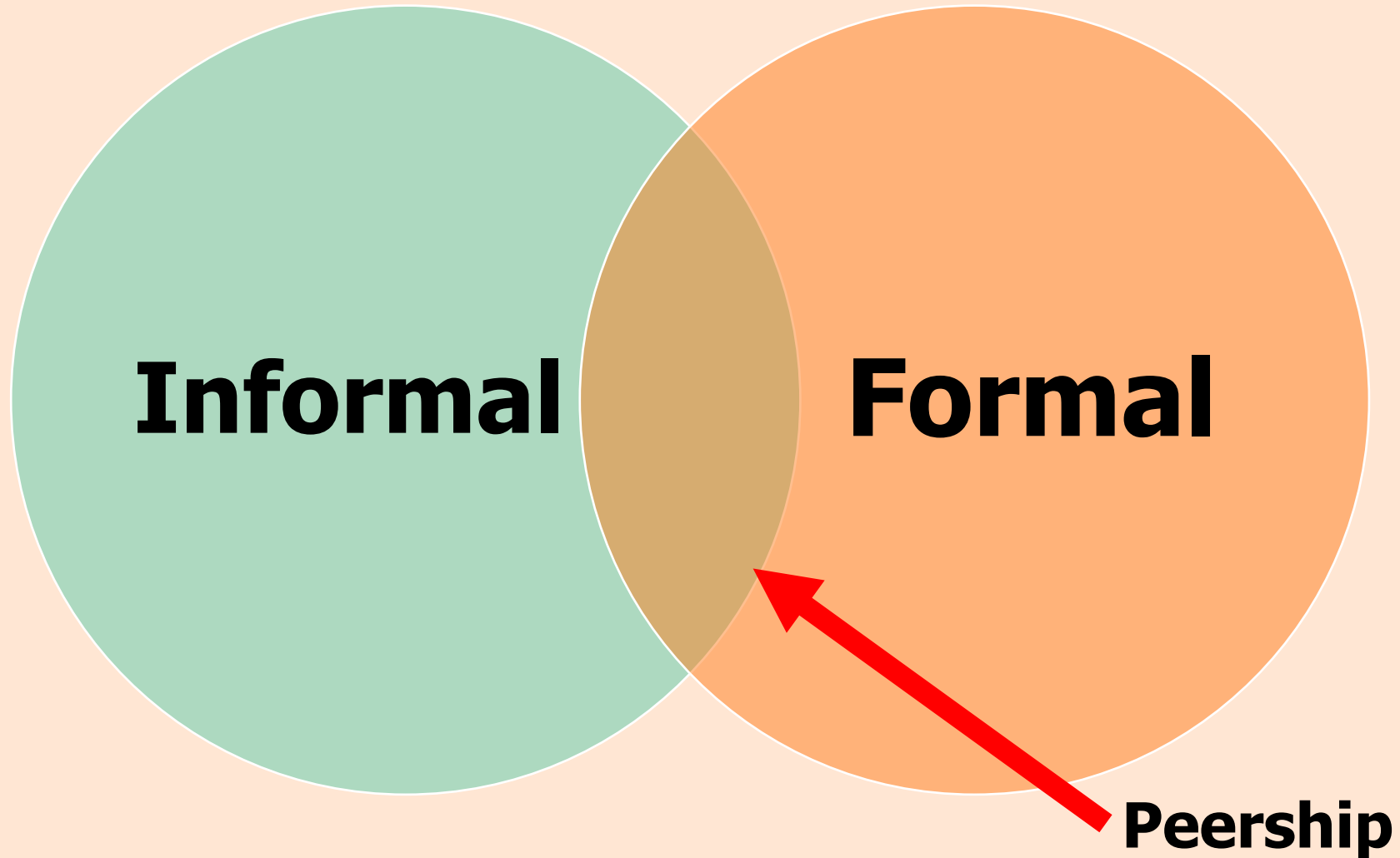
Givers and Takers

Idea from Adam Grant

- Givers, Takers, and Matchers
- Tragedy of the Commons
- Give in a way that pays itself forward



Two Types of Mentorship



Mentorship is everywhere

Peership is everywhere too!

Sustainable Organizing



Encountering Toxic situations and more



Boss Guy tells Coworker to
use Toxic!

Response: Fight or Flight



Ethics of being a researcher in University

NOTICE OF DATA BREACH



University of California <no-reply@marketing.csid.com>

5/14/2021 3:10 PM

To: [REDACTED] Albert

UNIVERSITY
OF
CALIFORNIA

NOTICE OF DATA BREACH

Dear [REDACTED]

As the University of California (UC) previously disclosed in communications to students, staff and faculty, and retirees in early April, UC experienced a security event with its Accellion file transfer appliance (FTA).

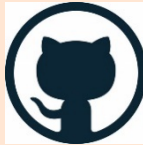
**We'll talk more about how to “technically”
collaborate in a lab but here's a preview:**

How to Git Collaborating:

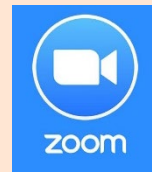
1. Collaborative Coding Sessions



2. Individual Coding Sessions



3. Pair Coding Sessions



Thinking Cap for the week:

Do you think data justice and design justice relate? How can you share about these ideas with others beyond this class?

Assignments

Due Wednesday 7/21:

- Lab #3
- **Group Project:** Memo Revisions

Due Friday 7/23:

- **Group Project:** Survey Revisions