

“Most people trusted in the future,  
assuming that their preferred version  
of it would unfold”

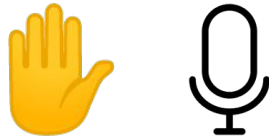
-Jhumpa Lahiri

# TIJ-IGLP Problem Lab Day 3



# Check-in

Are there any uncertain drivers that might have a high impact on your vulnerable group?





# Let's revisit some ground rules

## Zoom Etiquette



Stay unmuted



Send questions  
via zoom chat



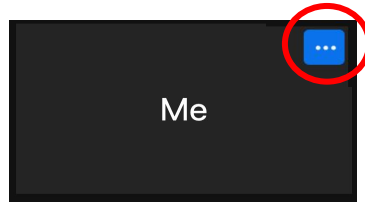
Turn camera on,  
if possible



Turn off  
distractions

# Change your Zoom name!

First name (Preferred name, if any)



Click this button on the top right corner of  
your video to rename

# TIJ-IGLP International Virtual Workshop on the Rule of Law and Policy

June 7 – 11, 2021 | Bangkok Thailand

Date & Time	Thailand, 07:30 - 08:00	Thailand, 08:00 - 09:30	Thailand, 17:30 - 20:30	Thailand, 18:30 - 20:30
	Australia 10:30 - 11:00 Japan 09:30 - 10:00 South Korea 09:30 - 10:00 China 08:30 - 09:00 Myanmar 07:00 - 07:30 Bhutan 06:30 - 07:00 Kyrgyzstan 06:30 - 07:00 Kenya 03:30 - 04:00 USA 20:30 - 21:00 (-1 Day)	Australia 11:00 - 12:30 Japan 10:00 - 11:30 South Korea 10:00 - 11:30 China 09:00 - 10:30 Myanmar 07:30 - 09:00 Bhutan 07:00 - 08:30 Kyrgyzstan 07:00 - 08:30 Kenya 04:00 - 05:30 USA 21:00 - 22:30 (-1 Day)	Australia 20:30 - 23:30 Japan 19:30 - 22:30 South Korea 19:30 - 22:30 China 18:30 - 21:30 Myanmar 17:00 - 20:00 Bhutan 16:30 - 19:30 Kyrgyzstan 16:30 - 19:30 Kenya 13:30 - 16:30 USA 06:30 - 09:30	Australia 21:30 - 23:30 Japan 20:30 - 22:30 South Korea 20:30 - 22:30 China 19:30 - 21:30 Myanmar 18:00 - 20:00 Bhutan 17:30 - 19:30 Kyrgyzstan 17:30 - 19:30 Kenya 14:30 - 16:30 USA 07:30 - 09:30
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\* class attending required for breakout group discussion

(c) 2021 TIJ



Paricha Duangtaweesub  
(Bomb)

**Day 3's objective is to make future  
uncertainties obvious!**



# Recap from Day 2

# Dr. Pannin Sumanasrethakul, *FutureTales Lab*



## Current Position:

- Director of Foresight Research, FutureTales Lab

Prior to this, she was the technical advisor on Strategic Foresight study on Security in ASEAN while worked as a full time Faculty member and Director of BA program for School of Global Studies, Thammasat University.

Between 2005 and 2013, Pannin worked as a development practitioner, with the regional geographic focus on East and Southeast Asia, in the areas of women's human rights and its regional mechanism under UN Women. Pannin was born in Bangkok, Thailand and graduated from Rangsit University with a Doctoral Degree in Leadership through an award of full scholarship.



Horizon Scan 11 25 082020

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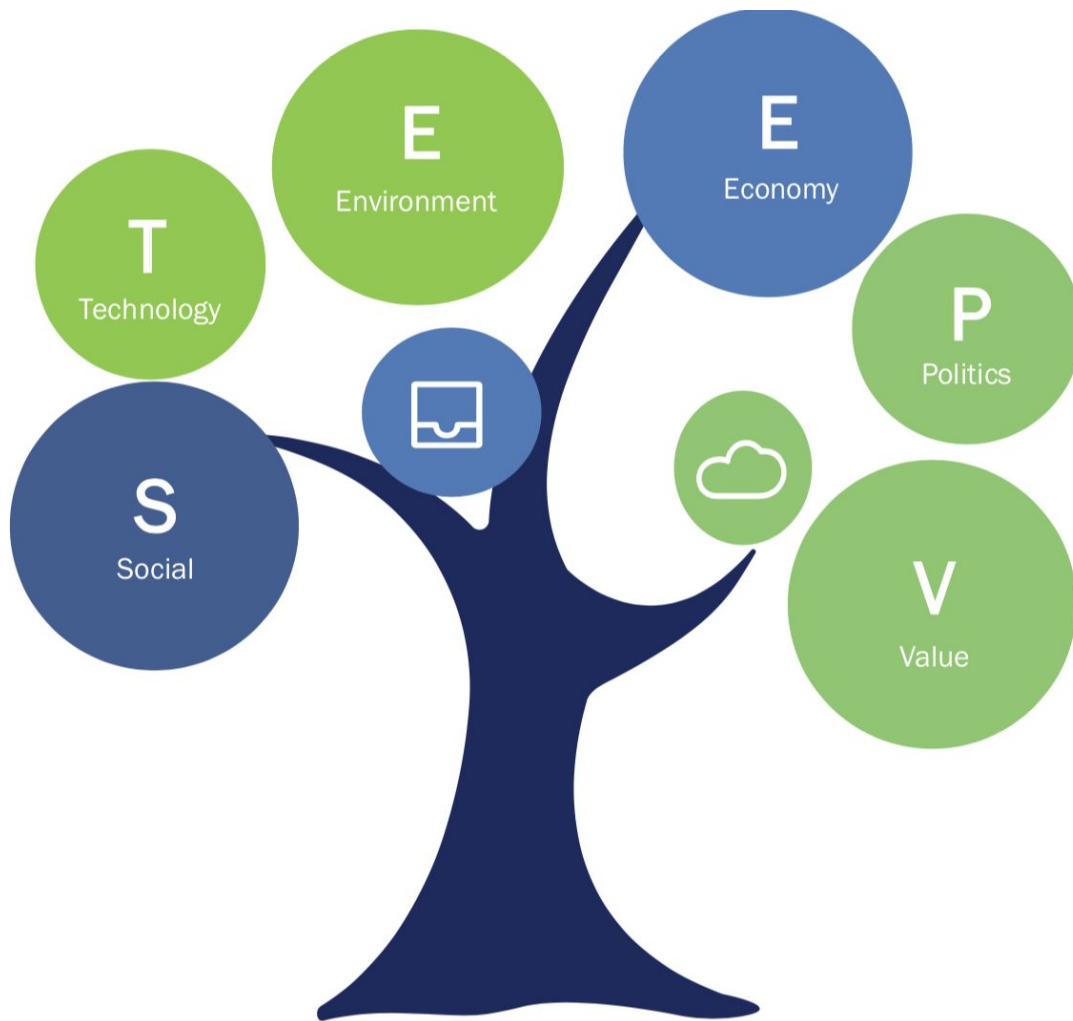
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2020

	A	B	C	D	E	F	G	H
1	Trend / Weak Signal	Description (one sentence)	Evidence (author/s)	Evidence (year; 2015-)	Evidence (title)	Evidence (1 link to a research paper, report or dataset)	Relevance to focal topic (one sentence)	STEEP category
2	Natural disasters	Increasing frequency of intense hydrometeorological disasters (extreme weather) and impact in AsiaPac	UN ESCAP	2019	Summary of the Asia Pacific Disaster Report	<a href="https://bit.ly/3fLoqsk">https://bit.ly/3fLoqsk</a>	Cities will be forced to adapt infrastructure and settlement patterns in response to extreme weather events	Environmental
3	Flood risk	Growing number of people living in or near vulnerable coastal, river and delta regions face the risk of flooding	Adriana Kocornik-Mina; Thomas K.J. McDermott; Guy Michaels; Ferdinand Rauch	2015	Flooded Cities	<a href="http://cep.lse.ac.uk/pubs/download/dp1398.pdf">http://cep.lse.ac.uk/pubs/download/dp1398.pdf</a>	Urban planning and governance processes will increasingly factor in vulnerability and make hard decisions about retreat and resettlement	Social
4	Social inequality	Gap between rich and poor is increasing, especially in East Asia and Pacific, and especially post-pandemic	Oxfam	2020	Dignity not Destitution	<a href="https://www.oxfam.org.au/what-we-do/inequality/">https://www.oxfam.org.au/what-we-do/inequality/</a>	Urban areas are hotspots for inequity, and will be required to address issues of access to safe and sustainable housing, energy, water and sanitation etc.	Economic
							Because of urban heat island effect, heat waves can	





Framework  
**STEEPV**

# GLOBAL CRISIS: Novel Coronavirus 2019 (Covid-19) is a highly contagious virus strain causing a global pandemic



## Social Panic

Fear of contracting the virus through human interaction is shifting social and consumer behavior



## Economic Turmoil

Manufacturing and tourism/hospitality industries are scrambling to survive



## TECHNOLOGY

People are more aware and demanding for their personal hygiene and health



## Political Weight

Governments need to get involved in anti-pollution measures if any progress is to be made



## Healthcare

People are more aware and demanding for their personal hygiene and health

## 1. New Zealand to offer paid leave after pregnancy loss



New Zealand will offer people who experience pregnancy loss three days of paid leave, following a unanimous vote in parliament.

Prior to the bill, New Zealand already offered paid leave in the event of stillbirths, when pregnancy loss happens after 20 weeks. The latest development means that paid leave is extended to pregnancy losses that occur at any point, not just after 20 weeks.

The paid leave applies to both the pregnant person and their partner. The legislation does not apply to abortions.

<https://www.msn.com/en-us/news/world/new-zealand-to-offer-paid-leave-after-pregnancy-loss-loss-001030z>

## 2. Grassroot initiative offers affordable housing to black and brown trans people in NYC



In fall 2020, GLTTS (Gay and Lesbian Transgender Society) purchased a 12-unit building with plans to offer affordable housing to low-income Black and Brown trans and queer people. GLTTS and community leaders use the Westchester apartment building in the East River neighborhood in Queens to be bought by a Black, trans-led organization. It is also the first time a building has been intended specifically to offer affordable housing to Black and Brown people in the trans community.

Marginalized communities of color have been disproportionately affected by the COVID-19 pandemic and its economic aftermath. A 2020 report from UCLA found that, queer and trans people have significantly lower rates of homeownership than non-LGBTQ+ individuals and face more than twice the risk of becoming homeless. Within the LGBTQ+ community, poverty is especially prevalent among people of color and trans people.

<https://www.yourmagazine.org/social-justice/2021/02/02/trans-housing-new-york-city/>

## 3. Ikea's HACK CARE focuses on dementia-friendly life environments



A new catalogue from IKEA called HACK CARE focuses on creating dementia-friendly living environments. The catalogue presents ideas for hacking nearly available IKEA products in order to adapt them for the specific needs of a person with dementia.

On top of product tips and hacks, the catalogue provides an in-depth introduction to caring for people with dementia who are living and being cared for at home.

The number of people with dementia is currently estimated at 50 million. This number is predicted to reach 82 million in 2050 and nearly twice as high as that by 2050. This creates a huge case for both increased focus on the needs of this group and opens up a new dementia-friendly product niche in the market.

<https://www.thefuturecentre.org/signals/news/ikea-hack-care-catalogue-focus-on-dementia-friendly-houses/>

## 4. Prisoners Put to Work in Thai Factories Desperate for Labor



Justice Minister initiates a plan to shift prisoners at factories in face of an acute labor shortage after the pandemic-induced lockdown forced many migrants workers to leave the country.

This fairly simple idea could help tackle two growing problems in the Southeast Asian nation of 67 million people. One is Thailand's over-reliance on transient workers from neighboring countries who make goods for exports – the economy's biggest growth engine. Secondly, Thai prisoners are banded at the courts with more than 300,000 inmates, which is 5% above capacity.

The plan would also help the country's shift the stigma of having been in prison, with possibly ready employment upon their release and ease taxpayer money inmates serving term for non-violent crimes, like drug use, will be eligible as long as they are willing to work.

<https://www.msn.com/en-us/news/world/prisoners-put-to-work-thai-factories-desperate-for-labor-001030z>

## 5. Floating cities could be the future of living



Oceanix is a conglomerate of floating platforms and provides a solution for coastal communities threatened for rising sea levels. They are designed for long-term habitation for entire communities with sustainable materials.

A single platform can house and sustain 300 people, 6 of them from a village. It plans to have zero-waste systems, self-zero energy, shared mobility and provide only plant-based food for sustainability.

<https://www.autovision.com/news/oceanix-the-floating-city-that-would-save-coastal-communities-150685.html>

## 11. Rec Room raises \$100M as social gaming popularity fuels big growth



Rec Room is a free download which lets players use a collection of tools to make virtual rooms, objects, and playable games, such as puzzles and laser tag, with a vast amount of community-created content that's growing at the time.

Though many of its users are teens, Rec Room's customization makes it suitable for functions beyond gaming. It's a good spot for all sorts of digital hangouts including classes, company meetings, weddings, family reunions, group therapy sessions, book clubs, etc.

Rec Room is capitalizing on users' dissatisfaction with traditional social media, which Faj says predates the pandemic and isn't primarily used after the pandemic. "At the end of the day social media is not super social – it's you in isolation, scrolling through a feed. And I think it creates this need for people to have real time social connection," he said.

<https://www.gutenberg.com/2021/04/15/rec-room-raises-100m-social-gaming-popularity-fuels-big-growth/>

## 12. Cities pledge not to return to business as normal



Planning the Post COVID-19 recovery is causing cities around the world to carefully consider just what they would like to recover to, and how they will rebuild to achieve it. As such, Dutch officials in Amsterdam will be using British economist Rescher's thought-provoking economic model to help guide the city's recovery towards a balance within natural boundaries.

Rescher's doughnut framework, informed by the UN Sustainable Development Goals, includes topics ranging from gender, to income disparity, housing, to energy, water and finance.

Cities around the world are seizing this unfortunate opportunity to act swiftly towards achieving Sustainable Development Goals and for building back differently and better.

<https://www.thefuturecentre.org/signals/change-cities-pledge-not-to-return-to-business-as-normal/>

## 13. 'Climate First Bank' to be launched, based on Project Drawdown



'Climate First Bank' is a community bank launching in Tampa later this year, based explicitly on Project Drawdown's plan to reverse climate change. By this they mean "Every decision and action we make will be weighed through the lens of achieving drawdown."

'Climate First Bank' (CFB) will change finance to energy change. "In practice it sounds like they will start off by offering dedicated loan options for solar power, energy retrofits, and infrastructure.

Climate First Bank's strong banking on climate action is a much needed challenge to the sector (which continues to finance climate breakdown).

<https://www.thefuturecentre.org/signals/climate-first-bank-to-be-launched-based-on-project-drawdown/>

## 14. Binance Charity Pioneers COVID-19 Relief With First-Ever Fully-Transparent Campaign



NEW YORK—Binance Charity aims to revolutionize traditional giving, providing a transparent donation process made possible by its underlying blockchain technology. Behind the scenes, every donation is encrypted on an immutable public ledger that generates a transaction ID. Donors can use this ID to track every step of the donation route.

Unique to its relief efforts in New York, Binance Charity established a social impact cryptocurrency, dubbed the PPS Token. The first of its kind, the PPS Token utilized the successful, temper-proof delivery of 200,000 NPS tokens to 11 benefiting hospitals in New York City during the summer, while also serving as a form of compensation for the couriers.

<https://www.businesswire.com/news/home/202006/0005590/binance-charity-pioneers-covid-19-relief-first-ever-fully-transparent>

## 15. Japan has appointed a minister for loneliness following a recent rise in the number of suicides



Research has previously found that the country has high levels of social isolation, partly attributed to its culture of working long hours. The issue has been amplified by the pandemic, in particular, with respect to people living alone.

The uptick is largely linked to a rise in suicides among women and young people. However, Mr. Suga underlined that "There are many kinds of loneliness" that needs to be addressed, pointing to other

## 21. French law bans disposal of unsold goods



France has passed a law banning the disposal of unsold goods, a move the French Government claims is a world first. Instead of being burned or scrapped, unsold items must be reused, redistributed or recycled. Not only will the law impact the luxury fashion sector, where high-value goods are frequently discarded to preserve brands' exclusivity, it also covers electrical items and personal care products.

Laws such as this can support the development of circular systems, prompting new partnerships and infrastructure. Consumer awareness of the impacts of waste is also growing, prompting some businesses to move ahead of regulation in changing their ways.

<https://www.thefuturecentre.org/signals/change-french-law-bans-disposal-of-unsold-goods/>

## 22. Apple France introduces repairability scores in compliance with new law



"France introduced a law that requires producers of certain electronic devices, including smartphones and laptops, to indicate to consumers how easily repairable the products are. The new law aims to extend the life cycle of electronic products, combatting obsolescence – intentional creation of products that need to be replaced frequently."

"French customers can now see repairability scores and other related information for both the iPhone and MacBook products when browsing their product pages in the online store. The repairability index is calculated by following strict criteria and guidelines outlined in a French-language webpage on Apple's website. A higher repairability score is good for both the consumer and the environment."

<https://www.downloadmag.com/2021/02/26/apples-france-repairability-index-iphone-mac/>

## 23. AI to drive sustainability in Volkswagen Group



The brands of Volkswagen group- Audi, Porsche and Volkswagen are set to use Artificial Intelligence for identification of sustainability risks not just among business partners, but also at the lower levels of their supply chains.

The developed technology, known as Proseus, will identify sustainability risks like environmental pollution, human rights abuse etc. at an early stage by identifying and analyzing supplier-related news from public media and social networks and notify the brands if there is any sustainability risk in the supply chain.

<https://www.thefuturecentre.org/signals/ai-to-drive-sustainability-in-volkswagen-group/>

## 24. High street shops in England and Wales repurposed as climate emergency centres



Retail units in England and Wales have been converted into climate emergency centres by community groups after shifts in shopping habits on the Covid pandemic left them empty. Community hubs "for the benefit of people and planet" are springing up and revitalising midland high streets.

The new sustainable centres bring much needed life to high streets, many of which were in decline even before the pandemic hit. They are run by communities themselves on a volunteer basis and offer a range of activities that focus on both addressing the climate emergency and bringing people together, such as art exhibitions, exercise classes, sustainable living workshops, bike repair facilities and vegetation and native plant sales.

<https://www.thefuturecentre.org/signals/high-street-shops-in-england-and-wales-repurposed-as-climate-emergency-centres/>

## 25. Frequent flyer levy in response to global inequalities in flying



A report collating data from the 26 countries producing the highest aviation emissions shows that most are based, even within the richest of nations, is down to a small, relatively well-off demographic taking ever more frequent leisure flights.

This is prompting a corresponding call to impose a frequent flyer levy, which would make it incrementally more expensive for the elite minority responsible for most of the environmental damage from flights each time they fly.

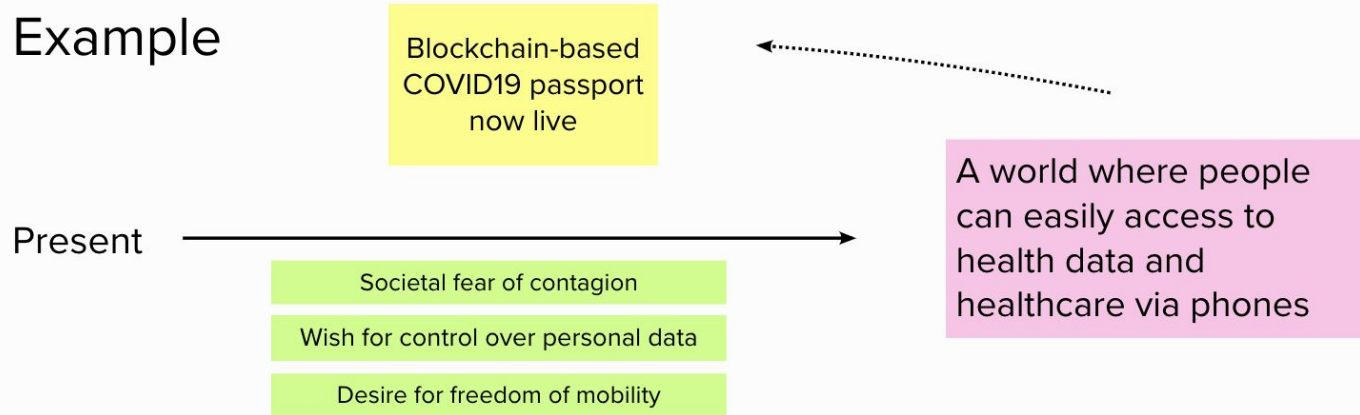
<https://www.thefuturecentre.org/signals/frequent-flyer-levy-in-response-to-global-inequalities-in-flying/>

## 26. Man ordered to pay compensation to wife for household duties

A husband who shirked his duties as a housewife's husband was ordered to pay compensation to his wife.

# Signal to Driver Diagrams

Example







## Day 3: Future Scenarios

# Agenda

18:45	Speaker: NIA on Future of Urbanization
19:15	Group exercise: Scenario matrix
20:00	Share-outs
20:15	Voting session
20:20	Closing

# Dr. Chaiyatorn Limapornvanich, *National Innovation Agency*



## Current Position:

- Head of Innovation Foresight Institute, National Innovation Agency (NIA)

Based on his educational background in electrical engineering and information science, he started his career path as a web developer and research assistant respectively. He joined NIA in 2004 and secured a scholarship for his doctoral study in 2009. With long experience of collaborative working with innovative companies, he decided to conduct his doctoral research on Knowledge Management.

At present, his research focuses are in the areas of Strategic Foresight and Innovation Management, and his professional interests have been expanded to organizational learning and development.

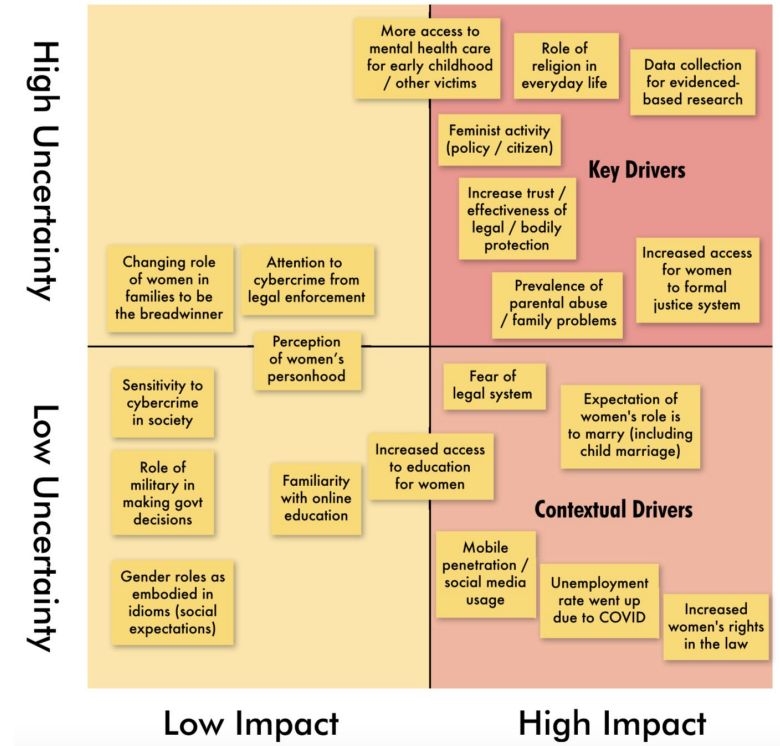
# Q&A with Chaiyatorn Limapornvanich

Please send your questions in the Zoom chat



**Uncertain drivers of change**  
refers to forces of change whose  
outcome will likely diverge.

People's expectation for platform's responsibility	Dimension 1: Platform became very responsible. Dimension 2: State became a very strict regulator.
Type a Driver Here	Dimension 1: Dimension 2:



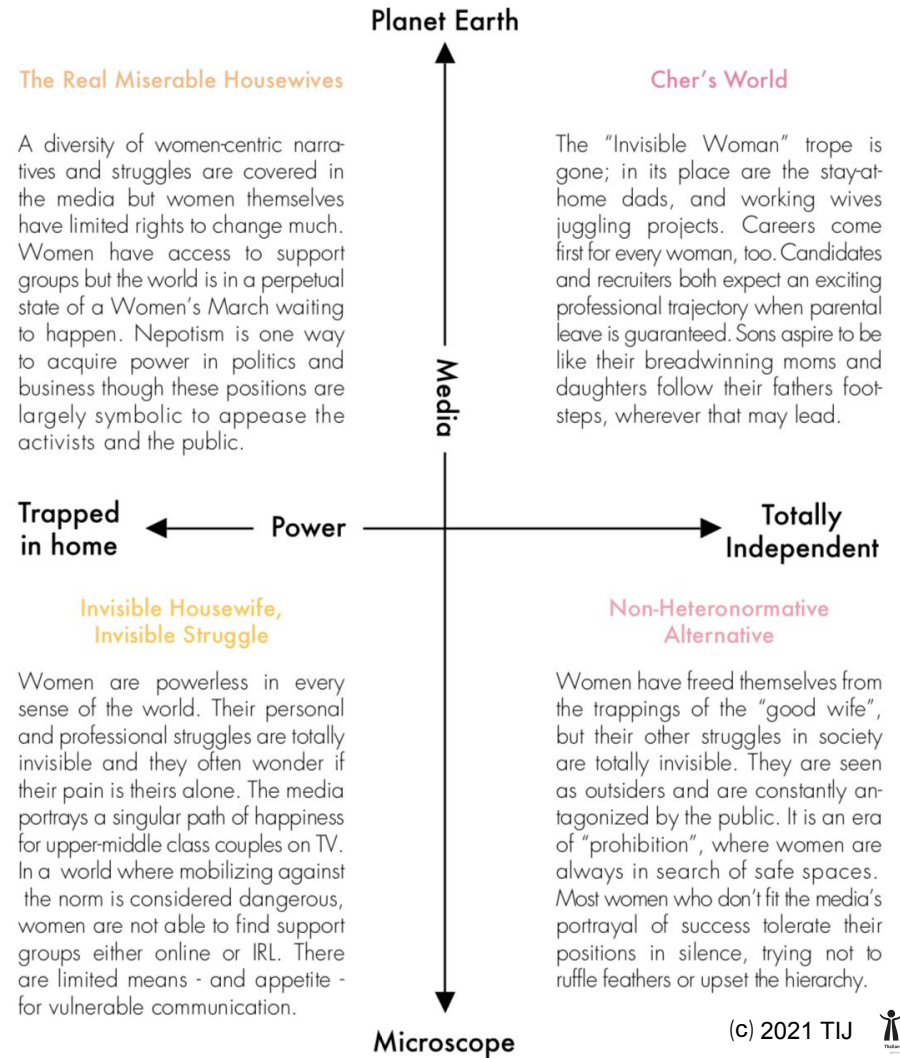
# GBV Scenarios

## Shifting power of women in society (Social):

- D1: Career and/or identity independence
- D2: Confined to domestic life

## Diversity of media representation (Values):

- D1: Singular narrative of womanhood
- D2: Diversity of stories in popular media



# Scenes from the Future: EV Edition



# Let's revisit some discussion etiquette



Join in the conversation



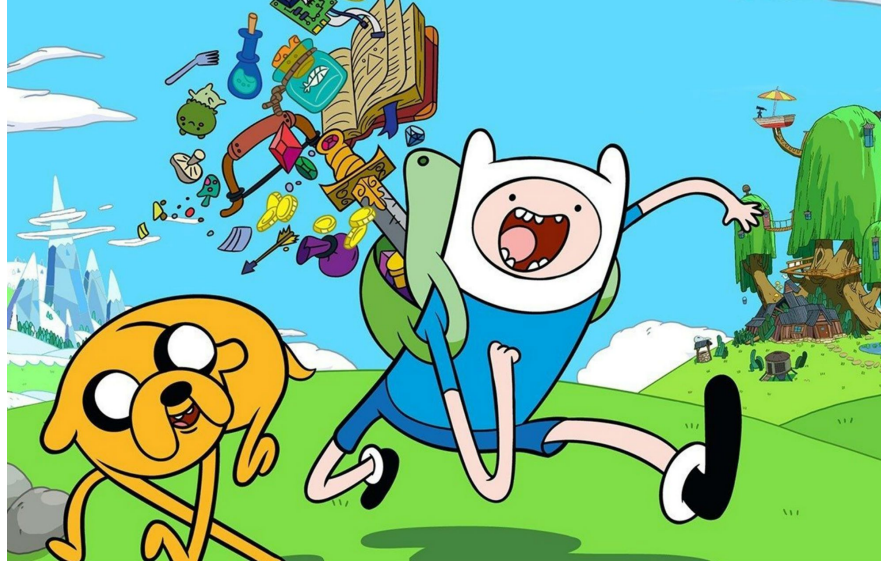
Use everyday language



Listen to others, avoid interruptions/  
side discussions



You don't have to agree on everything -  
you can debate constructively



# MURAL Adventure

# Welcome back!

What is the most preferable  
scenario for your vulnerable  
group and why?







Individually, please take a moment to place  
1 vote for the most likely future scenario  
1 vote for the most desirable scenario  
In your team MURALs (no talking!)

**4. Vote a likely and a desirable scenario (3 mins)**




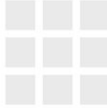
Individually vote on a. and b. below by changing the color of the post-its below

Which scenario is the most likely and most desirable scenario for your vulnerable group?

**a. Vote the most likely scenario**

Scenario 1	Scenario 2
	
Scenario 3	Scenario 4
	

**b. Vote the most desirable scenario**

Scenario 1	Scenario 2
	
Scenario 3	Scenario 4
	



# Feedback Form

## Reflect on Problem Lab 3



*The link will also be  
sent on Zoom chat!*

# Next Time

1. Create an artifact from the future
2. Review presentation template
3. Check your email!

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\* class attending required for breakout group discussion

(c) 2021 TIJ

“This new beer tastes like climate change,  
and it’s not good”



Source: New Belgium Brewing

Sneak Peek of Day 4

Source: The Washington Post (c) 2021 TIJ