

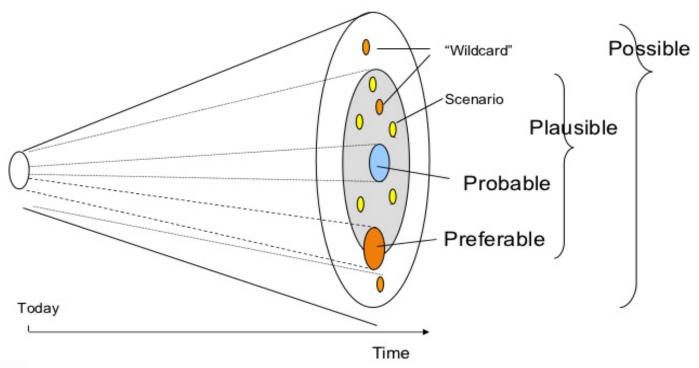


Futures Thinking

By Ora-orn



Types of Futures





https://www.slideshare.net/mkconway/campus-design-of-the-future



The "Plan"

Problem Sensing

- Horizon Scanning
- Weak signals
- Wild Card Process

Problem Framing

- Sense making
- Scenarios
- Games
- Prototyping

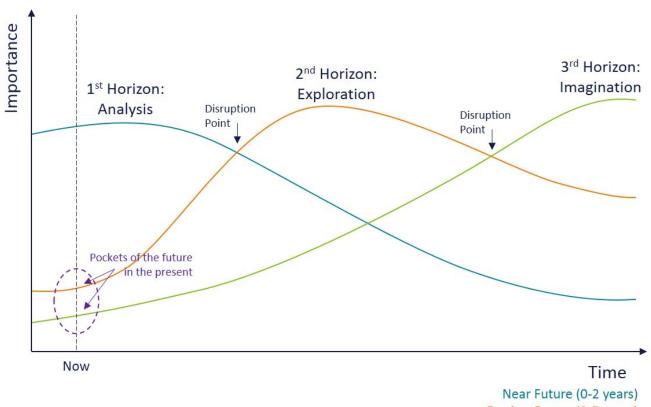
Problem Solving

- A Routine
- A Rule/Law
- Punishment/Ince ntive
- System/Hardware





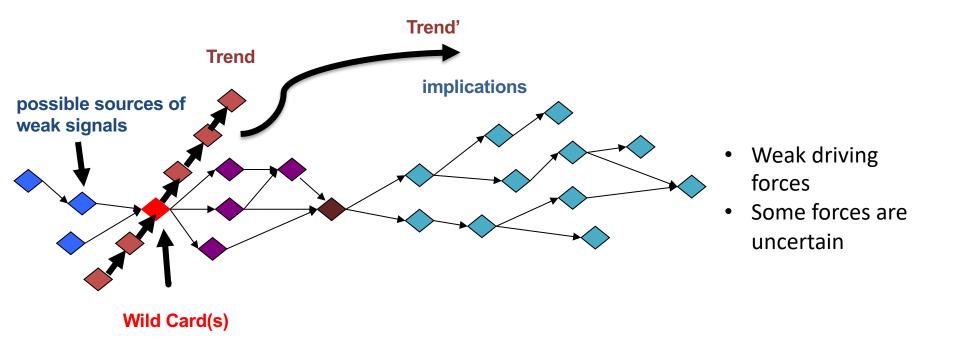
Three Horizons Framework for Layering Change Life-Cycles



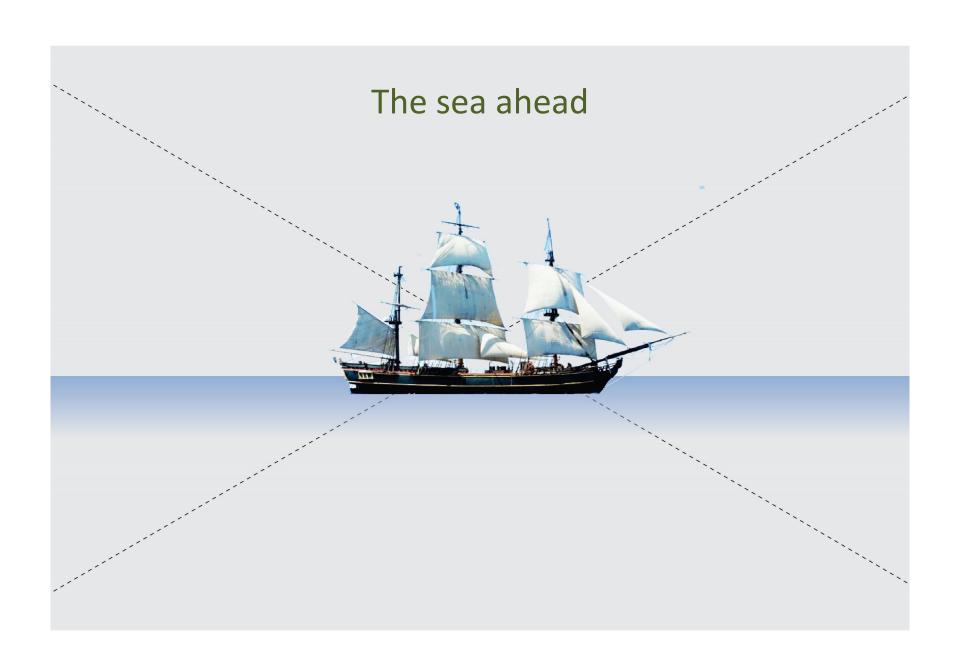
Near Future (0-2 years)
Further Future (2-5 years)

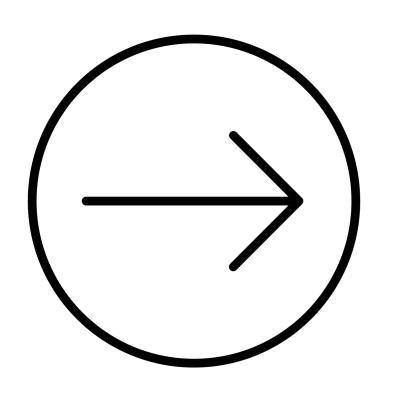
Distant Future (5+ years)













Scenario Planning

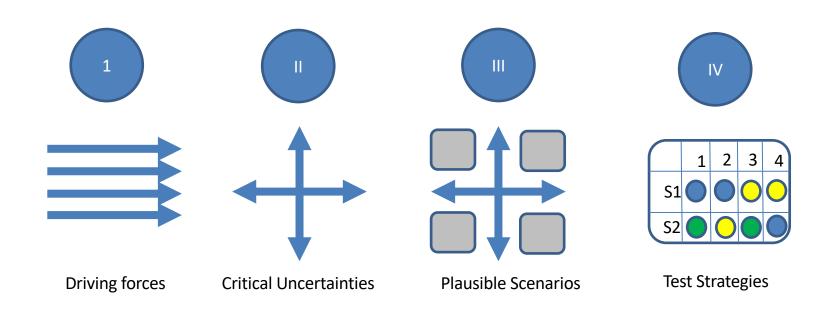


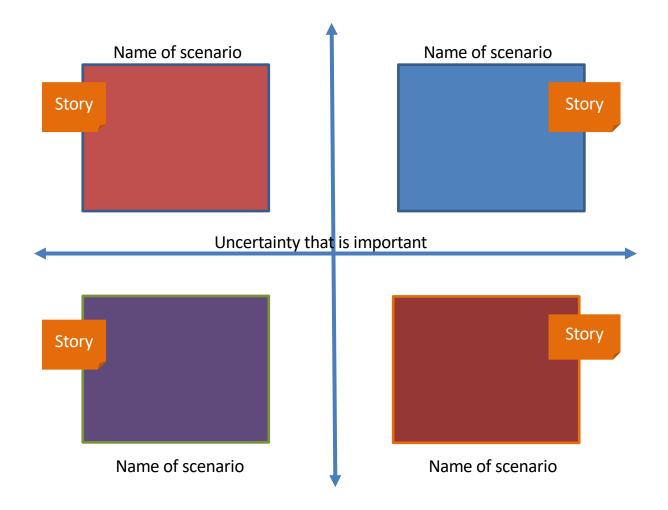
Driving forces

- In foresight, it is important to know the driving forces that can influence our futures.
- These forces should be deliberated on for group learning and planning purposes



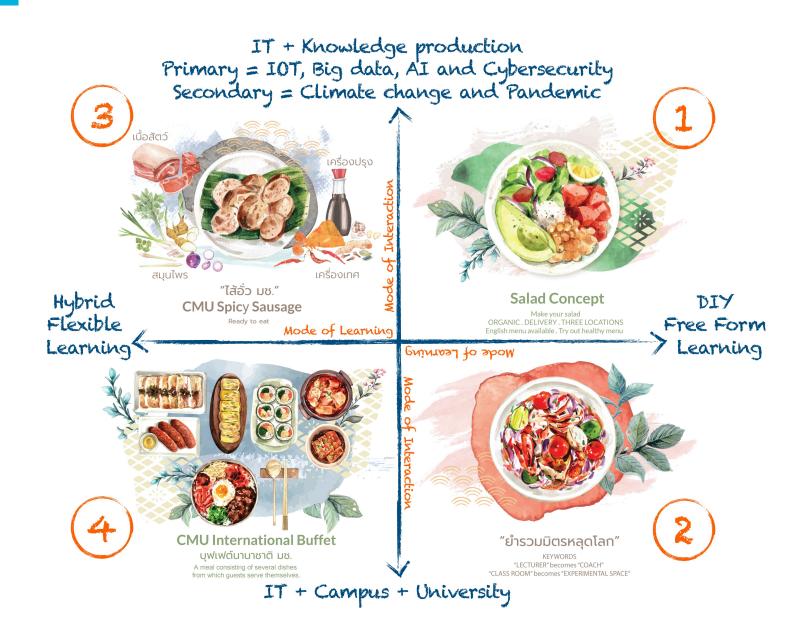
Scenario planning process







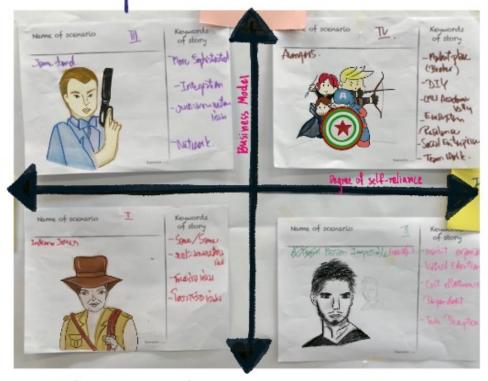
Future of Chiang Mai University



CMU Hero

Dynamic Business Model

Governmentdependent



Self-dependent

Conservative Business Model

CMU Elephant

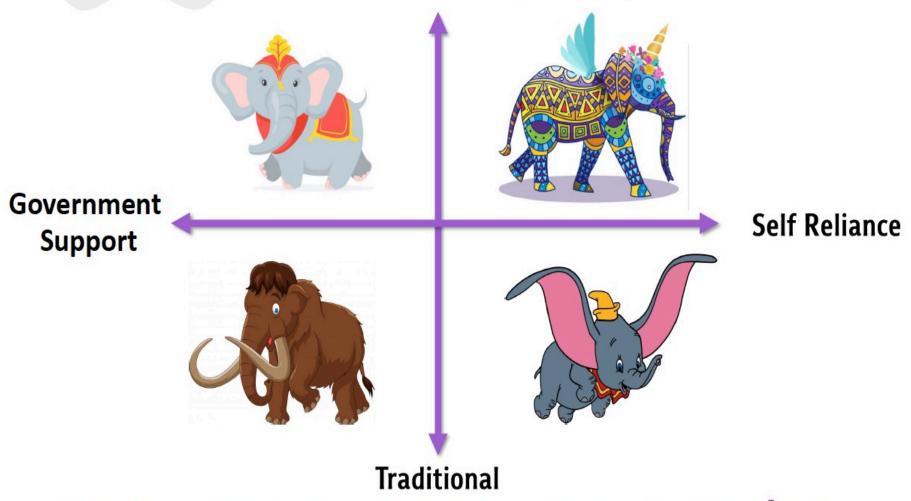
Free form employment/ Sharing economy ecosystem

The period of several plants of the several

Self-dependent

Traditional employment

Free-Form and Sharing Economy



People - Product - Process - Organization/unit

Communities of Practice

- Association of Professional Futurists
- World Futures Studies Federation
- Hawai'i Research Center for Futures
 Studies
- Qazaq Research Institute for Futures Studies
- Graduate Institute of Futures Studies, Tamkang Uni. Taiwan
- Center for Strategic Futures, Singapore







Journals

- **Futures**
- 2. Journal of Future **Studies**
- 3. Foresight: The Journal of Future Studies, Strategic Thinking and Policy
- 4. World Futures Review: A Journal of Strategic Foresight



Journal of **Futures Studies**

Introduction to the Special Issue: Design and Futures (Vol. I)

Turning Foresight Inside Out: An Introduction to Ethnographic Experiential Futures
Stuart Candy, Kelly Kornet

Politics of Defining Visions of the Future

Crafting Spaces Between Design and Futures: The Case of the Agbogbloshie Makerspace Platform

Cher Potter, DK Osseo-Asare, Mugendi K. M'Rithaa

Strategic Foresight Studio: A First-hand Account of an Experiential Strategs: Folusian States Futures Course Jake Dunagan, Alida Draudt, JJ Hadley, Ryan Hogan, Leticia Murray, Gregory Stock, Julia Rose West

Designing Futures From the Inside

Essays and Interviews

How the Future Happens James Auger, Julian Hanna

Critical Activism Anab Jain, Stuart Candy

Storytelling Shapes the Future

I Design Worlds

Liam Young, Stuart Candy

Anticipating Future System States



A Manifesto for Decolonising Design Decolonising Design Collective: Danah Abdulla, Ahmed Ansari, Ece Canli, Mahmoud Keshavarz, Matthew Kiem, Pedro Oliveira, Lutza Prado and Tristan Schultz

Journal of **Futures Studies**

VOLUME 23 NUMBER 3 MARCH 2019





Examples of futures thinking in governments

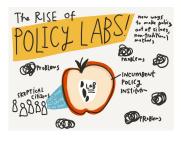
















The rise of public sector innovation labs: experiments in design thinking for policy

Design Policy Lab -

ESIGN POLITY MILANO



DESIGN FOR EUROPE

The **Design Policy Lab** is a newborn subject that provides consultancy and support to service for policy makers and public administration on topics of **design for policy** and **design policies**.







NIA: National Innovation Agency, Thailand CMU-SPP: Chiang Mai University School of Public Policy

FORESIGHT

Future of Traveling



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