

# **KOPPLINGEN MELLAN FRAMSYNS- OCH PROGNOSARBETE**

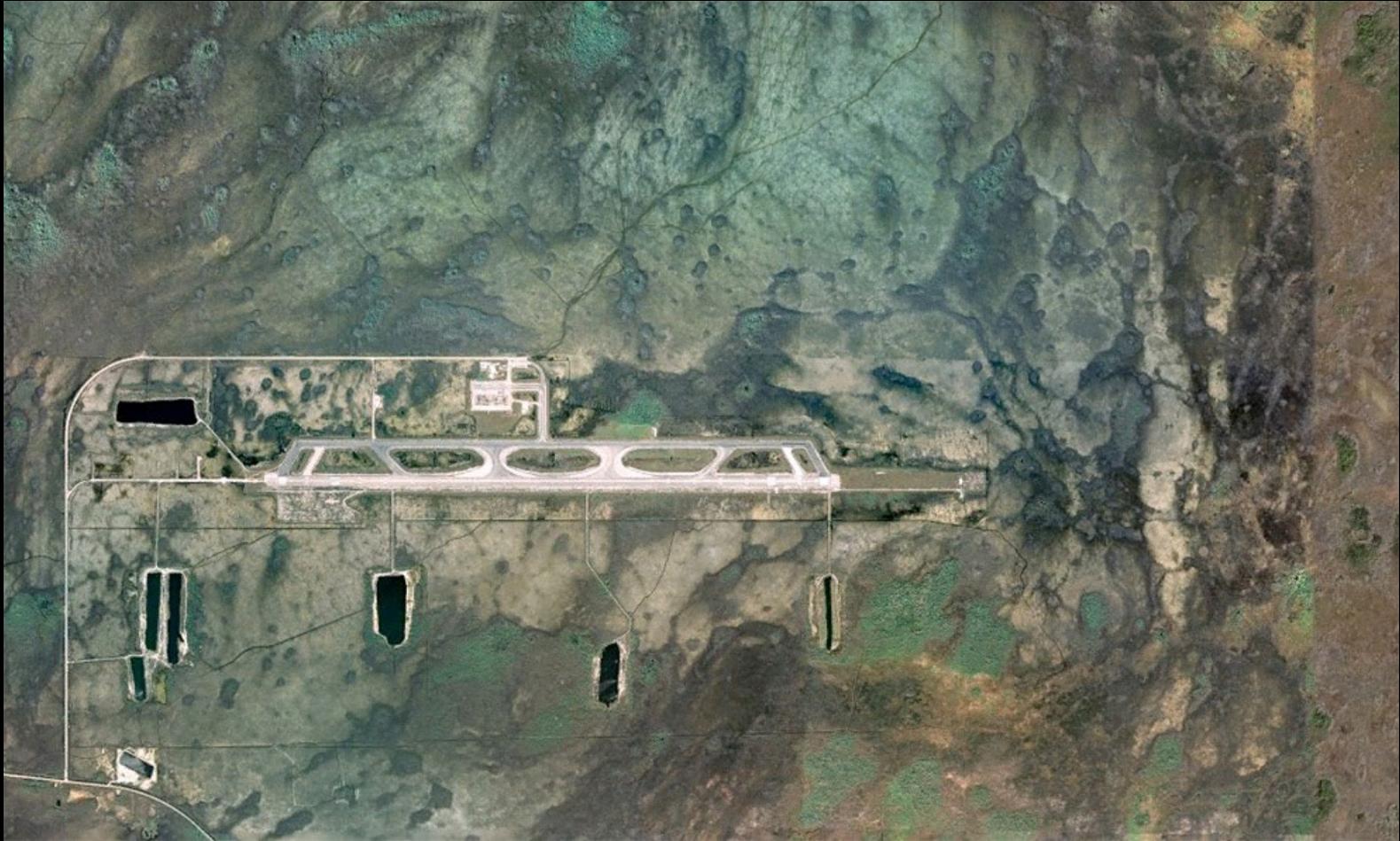
**- SKILLNADER OCH LIKHETER,**













# The Big Picture

News stories in photographs

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By Alan Taylor

## RECENT ENTRIES

- [Small Worlds](#) - 10.20
- [Marijuana](#) - 10.18
- [The XIX Commonwealth Games](#) - 10.15

Translate into:  [Palvelun tarjoaa Google™ Käännä](#)

(Hint: Use 'j' and 'k' keys to move up and down)

365 comments

September 30, 2010

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## Human landscapes in SW Florida

A couple weeks ago, I was listening to a story by NPR's **Planet Money** team about "Toxie" a toxic asset they had purchased to follow and help tell the story of the recent financial meltdown. One of the mortgages in Toxie was on a home bought for investment in Bradenton, Florida, and the team took a look at housing in the area. Many homes there are empty and have been for years. Huge developments sit partially completed among densely built up neighborhoods and swampland. A guest stated that there were "enough housing lots in Charlotte County to last for more than 100 years". Boom and bust residential development has drastically affected parts of southwest Florida for decades now, and I spent some time (with the help of Google Earth), looking around the area. With permission from the fine folks at Google, here are a few glimpses at development in southwest Florida. **(26 photos total)**



# Our approach to future can be...

**predictive** (probable futures, prognoses)

**explorative** (possible futures, scenarios)

**normative** (desirable futures, visions/  
backcasting)

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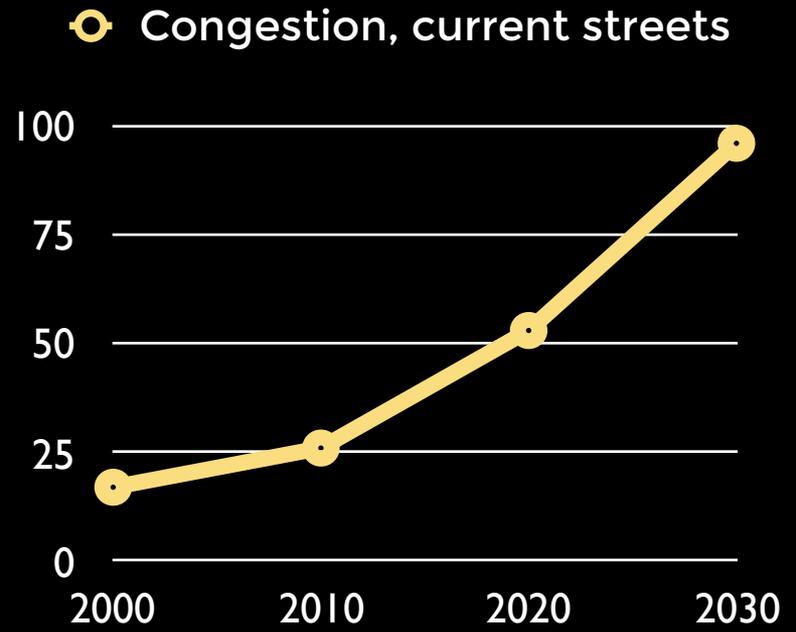
# **We are capable of anticipating the future because of...**

- 1. investments we have agreed on**
- 2. hopes and plans people individually and collectively have**
- 3. slow changing demographic structures**
- 4. persisting habits and traditions.**
- 5. cyclical and linear processes in the nature.**

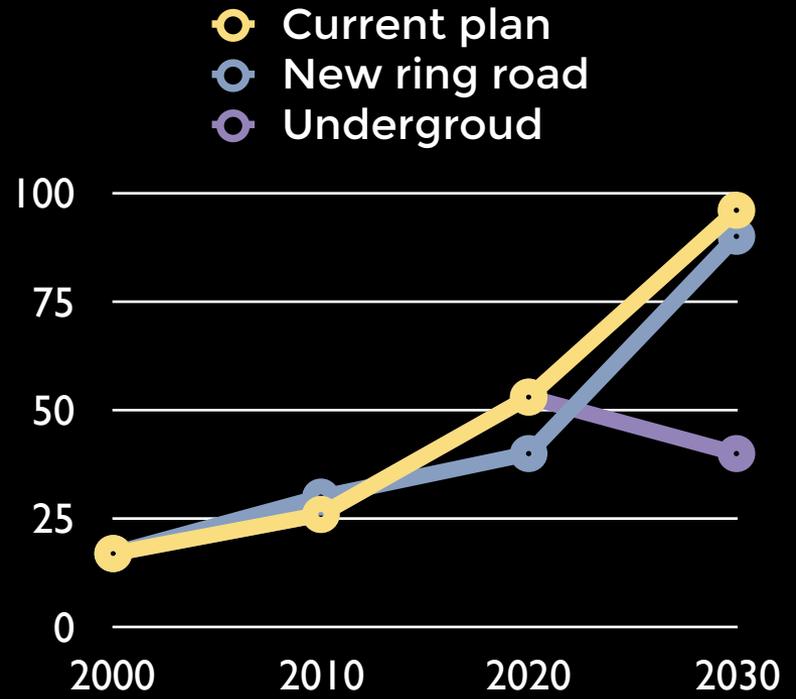
# However, future cannot be predicted, because of...

1. pure chance
2. chaotic processes
3. new information constantly shapes beliefs, attitudes and behavior
4. technological innovation alters practices.

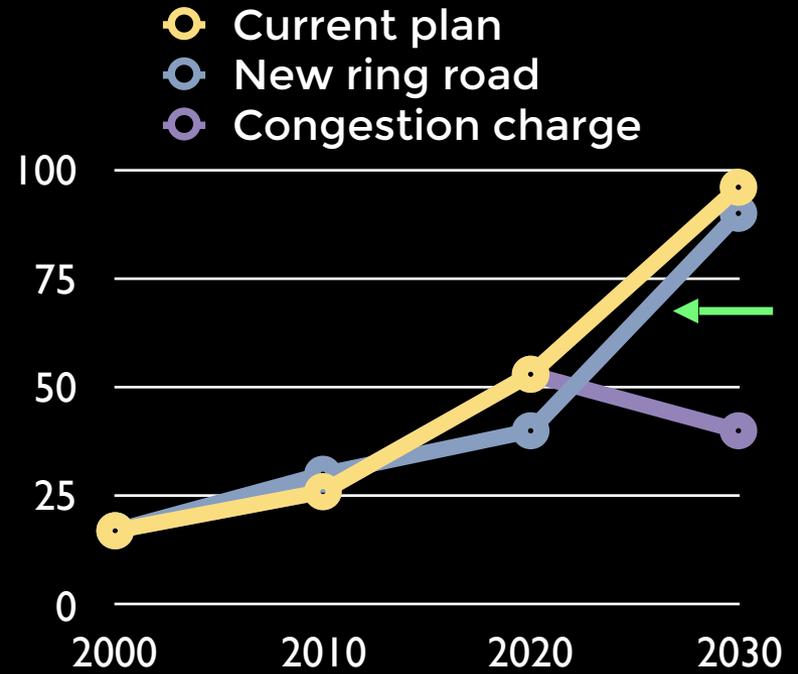
# Primary forecast



# Secondary forecast

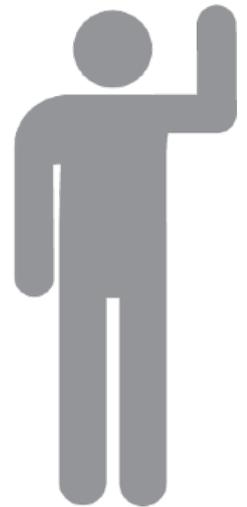
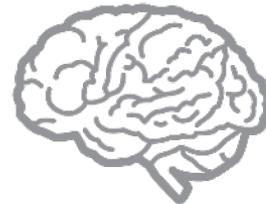
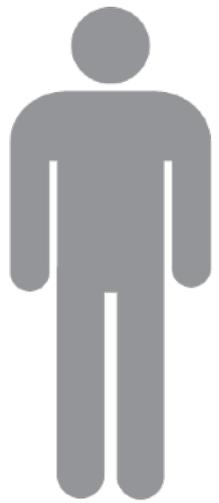


# Tertiary forecast

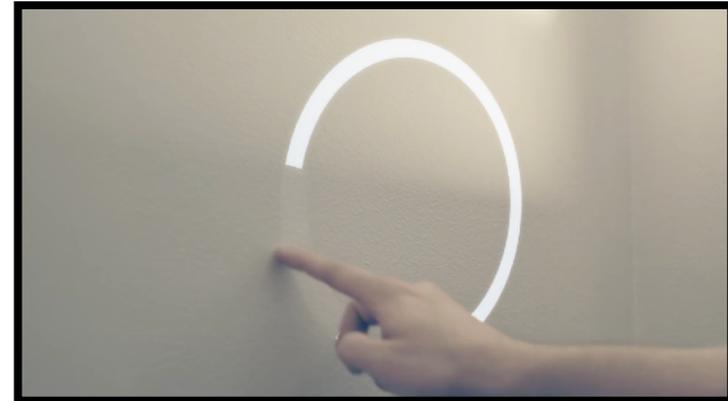


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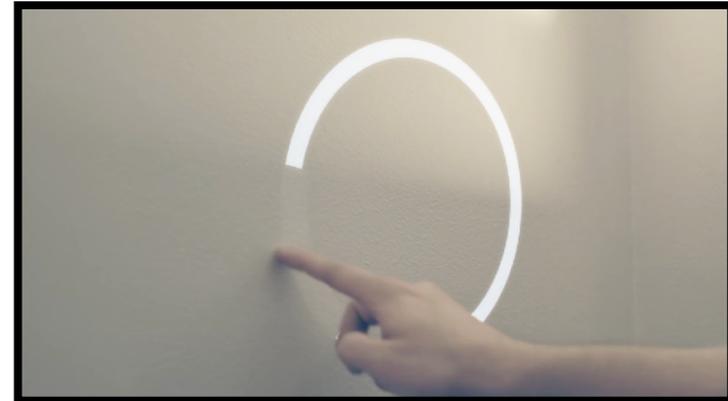
# As humans we can enhance our capabilities through learning



# WHY FORESIGHT?

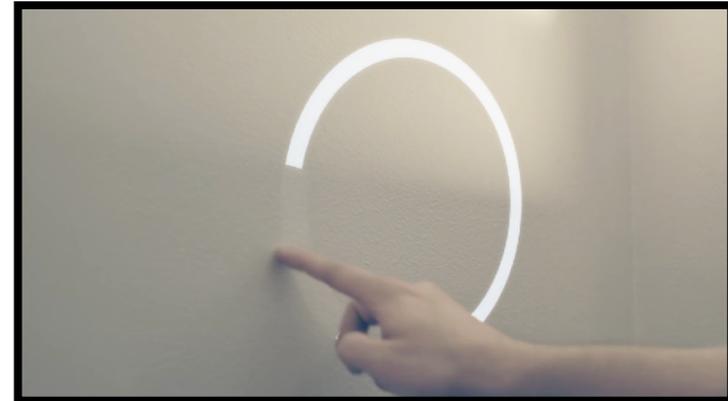


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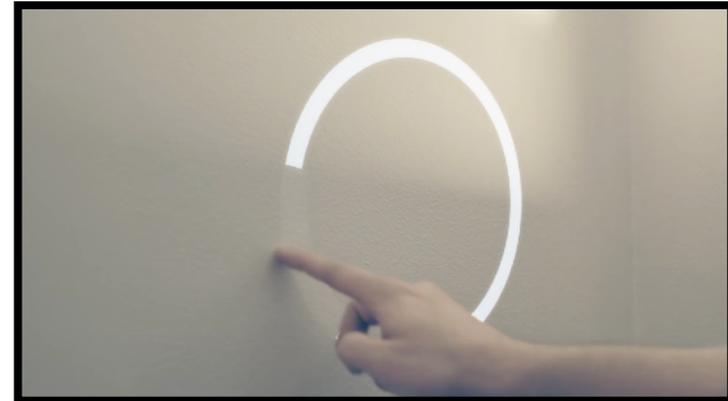
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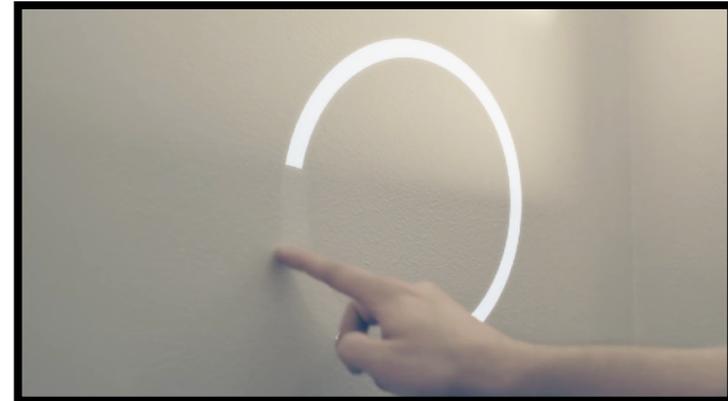
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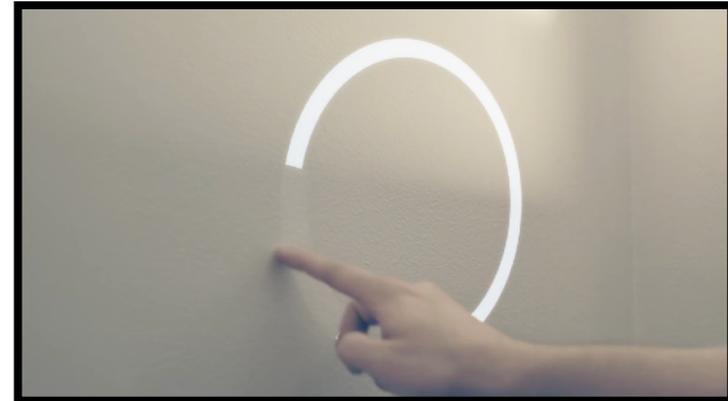
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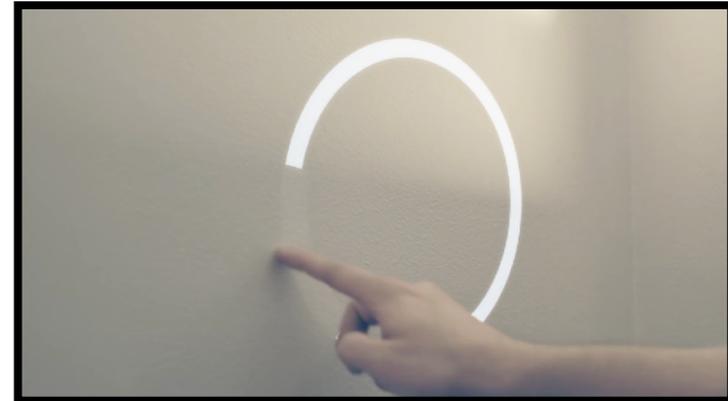
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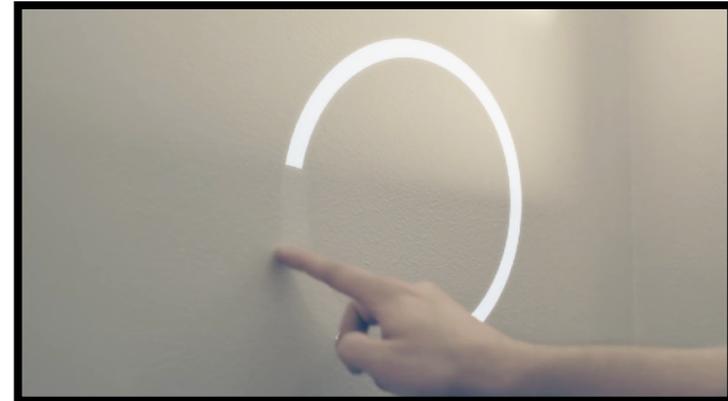
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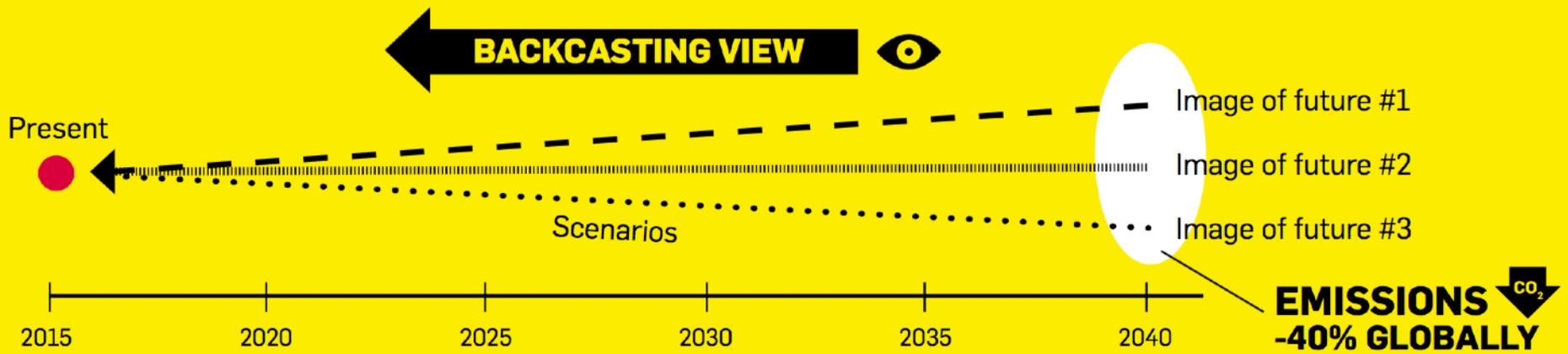
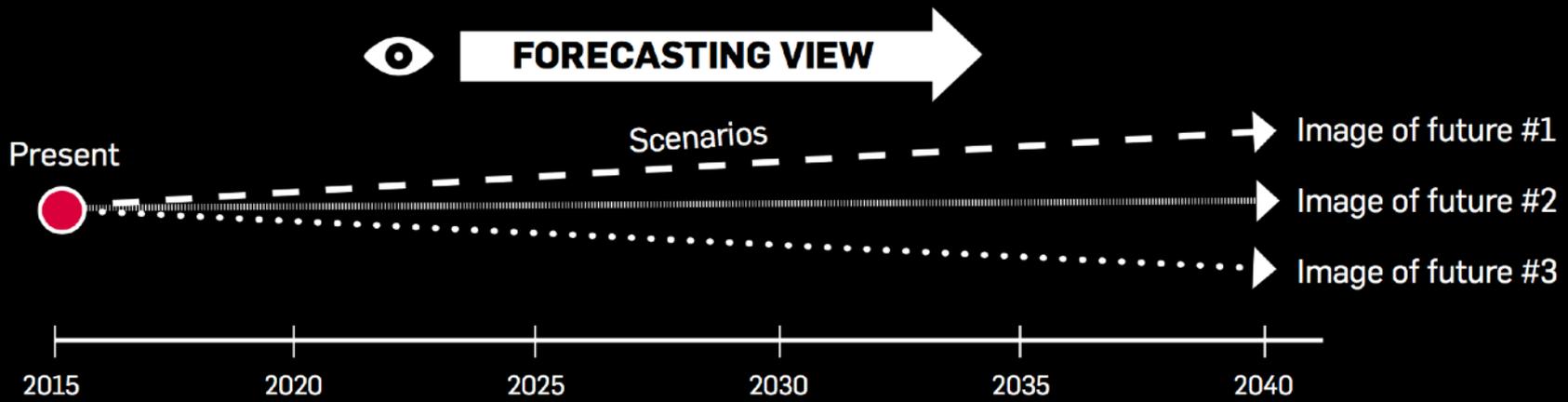
**Policies**  
**Economy**  
**Social**  
**Technology**  
**Environment**  
**Culture**

Several domains,  
Systemic view

"A hypothetical sequence of events constructed for the purpose of focusing attention on causal processes and decision points ."

# Scenarios can serve in...

1. Identifying alternatives
2. Identifying right timing for strategic decisions/interventions
3. Identifying varieties of desirable futures
4. 'Futures proofing' relevance of current activities
5. Emancipating stakeholders to action.



	<b>Forecasting</b>	<b>Backcasting</b>
<b>Philosophical view</b>	Context of justification causality determinism	Context of discovery Causality and intentions
<b>Perspective</b>	Dominant trends Likely futures Possible marginal adjustments how to adapt to trends	Societal problem in need of a solution Desirable futures Scope of human choice Strategic decisions Retain freedom of action
<b>Approach</b>	Extrapolate trends into the future Sensitivity analyses	Define interesting futures Analyse consequences and conditions for these futures to materialise
<b>Methods and techniques</b>	Various econometric models mathematical algorithms	partial and conditional extrapolations Normative models, system dynamics models, Delphi methods, expert judgements

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# EMISSIONS -40% GLOBALLY



Breakthrough of digital energy business<sup>(\*\*)</sup>

Global energy crisis<sup>(\*\*\*)</sup>

Global climate treaty<sup>(\*)</sup>



**GLOBAL DEAL**<sup>(\*)</sup>

**SMART INNOVATION ECONOMY**<sup>(\*\*)</sup>

**CRISIS AND RECOVERY ON A NEW PATH**<sup>(\*\*\*)</sup>

# We need visions...

**To reach carbon neutral society.**

**To re-think wellbeing for post-work society.**

**To re-make democracy for global & digital society.**

# Have we been here before?



# Engel's pause

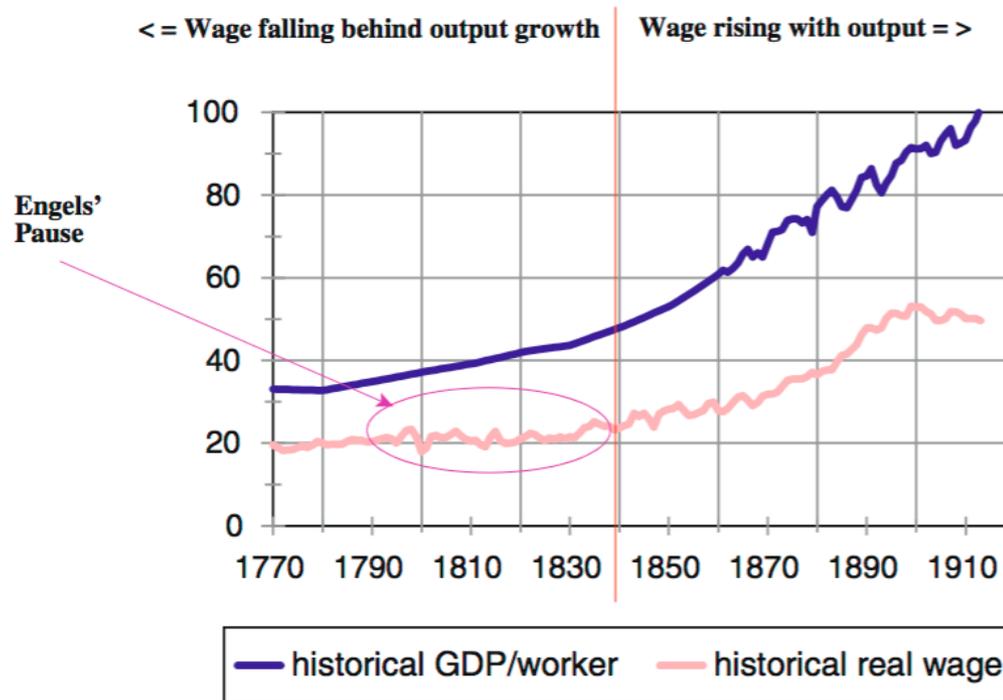


Fig. 1. The two phases of the British industrial revolution.

# Gin Lane



# **SOCIAL INNOVATIONS FROM THE INDUSTRIAL REVOLUTION**

- 1. SOCIAL SECURITY SYSTEMS**
- 2. WELFARE STATE**
- 3. PRIMARY EDUCATION SYSTEM**
- 4. URBAN PLANNING**
- 5. TRADE UNIONS**
- 6. REPRESENTATIVE DEMOCRACY**

2017  
UNIVERSAL BASIC INCOME  
EXPERIMENT

20??  
VISION ON  
POST-INDUSTRIAL  
WELLBEING



[IDEAS + EXPERIMENTS NEEDED]

# WHAT IF...

1. BASIC INCOME COVERS A LARGE SHARE OF YOUR LIVING COSTS?
2. HEALTHCARE TURNS PREVENTIVE AND CHEAP DUE TO TECHNOLOGY?
3. SHARING PLATFORMS ENABLE CASH-FREE LIFESTYLES?
4. OUR PENSIONS ARE COLLABORATIVE AND MUTUAL?
5. YOU GO TO COLLEGE SEVEN TIMES IN YOUR LIFETIME?
6. PEER-LEARNING TAKES OFF MASSIVELY?
7. ACCESS TO ARTIFICIAL INTELLIGENCE BECOMES A CITIZEN'S RIGHT?



## Metropolitan vision making – using backcasting as a strategic learning process to shape metropolitan futures

Aleksi Neuvonen<sup>a</sup>, , , Peter Ache<sup>b</sup>

 **Show more**

<https://doi.org/10.1016/j.futures.2016.10.003>

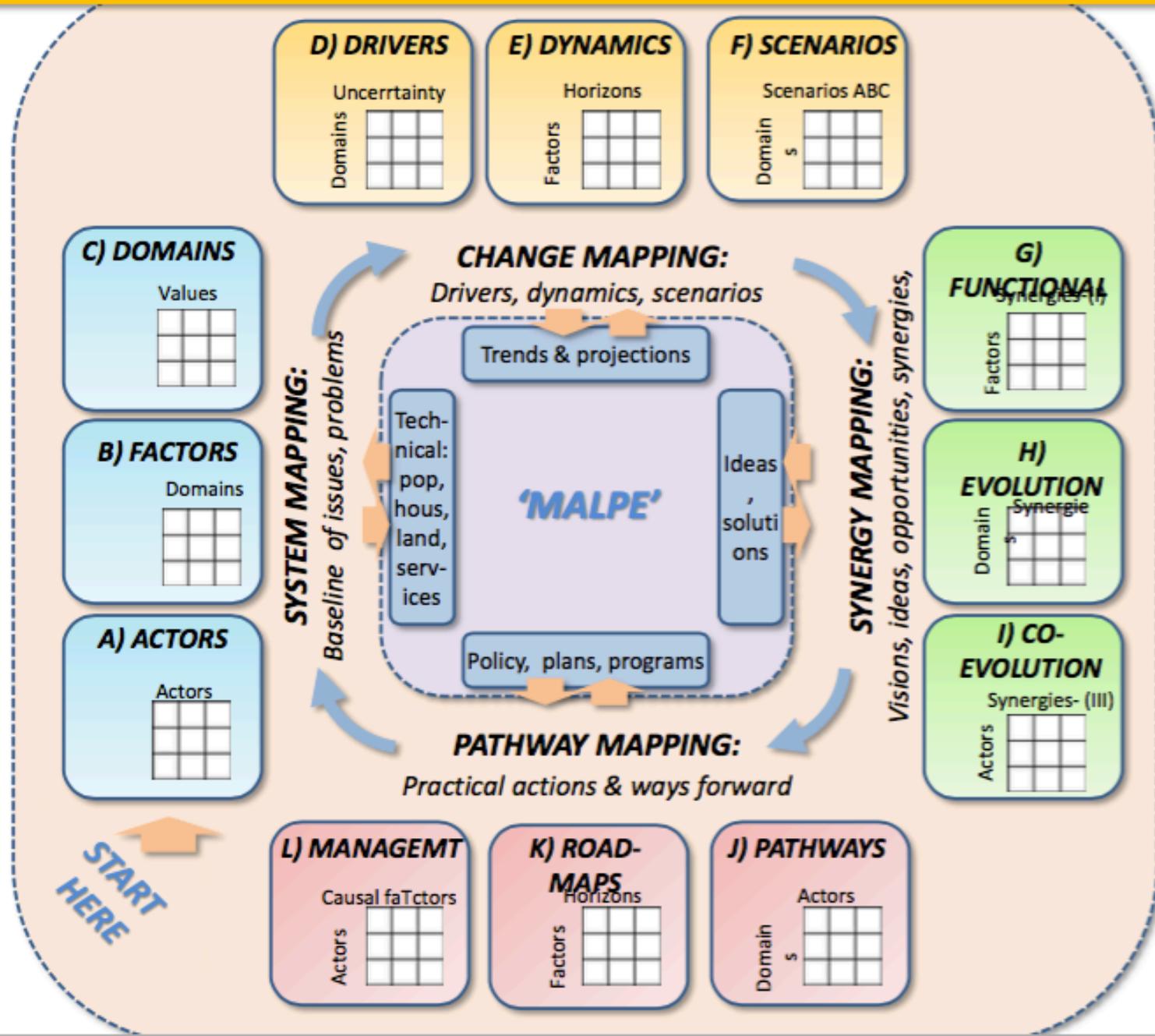
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### Abstract

The need for new forward-looking tools in urban planning is immense: new functional relations and structures are now stretching beyond our capacity to ‘rationally’ capture modern metropolitan spaces (Neumann & Hull, 2009). At the same time, cities struggle to find tools to help manage their long-term transition towards a low-carbon, resource-smart economy.

In 2006–2007, the municipalities in the Helsinki metropolitan region organised an international competition for ideas titled “Greater Helsinki Vision 2050.” It drew a good number of entries in the competition stage and later helped bring together the awarded participants with local planning professionals and citizens.

# INTRODUCTION – THE SYNERGISTIC TOOLKIT



***PROTO-INTEGRATIVE VISIONING TOOLKIT - (SYNERGISTIC  
MIND-LAB)***

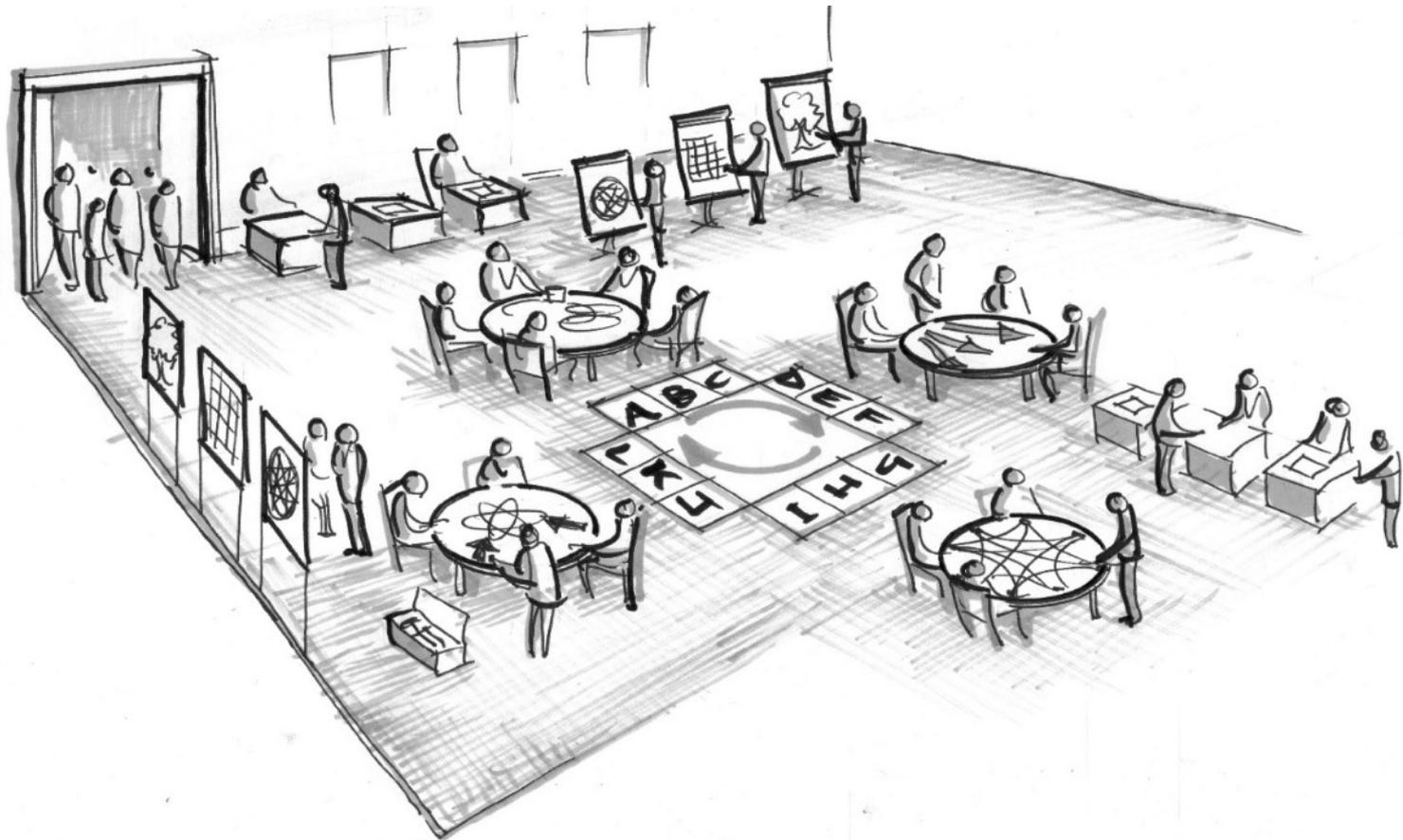
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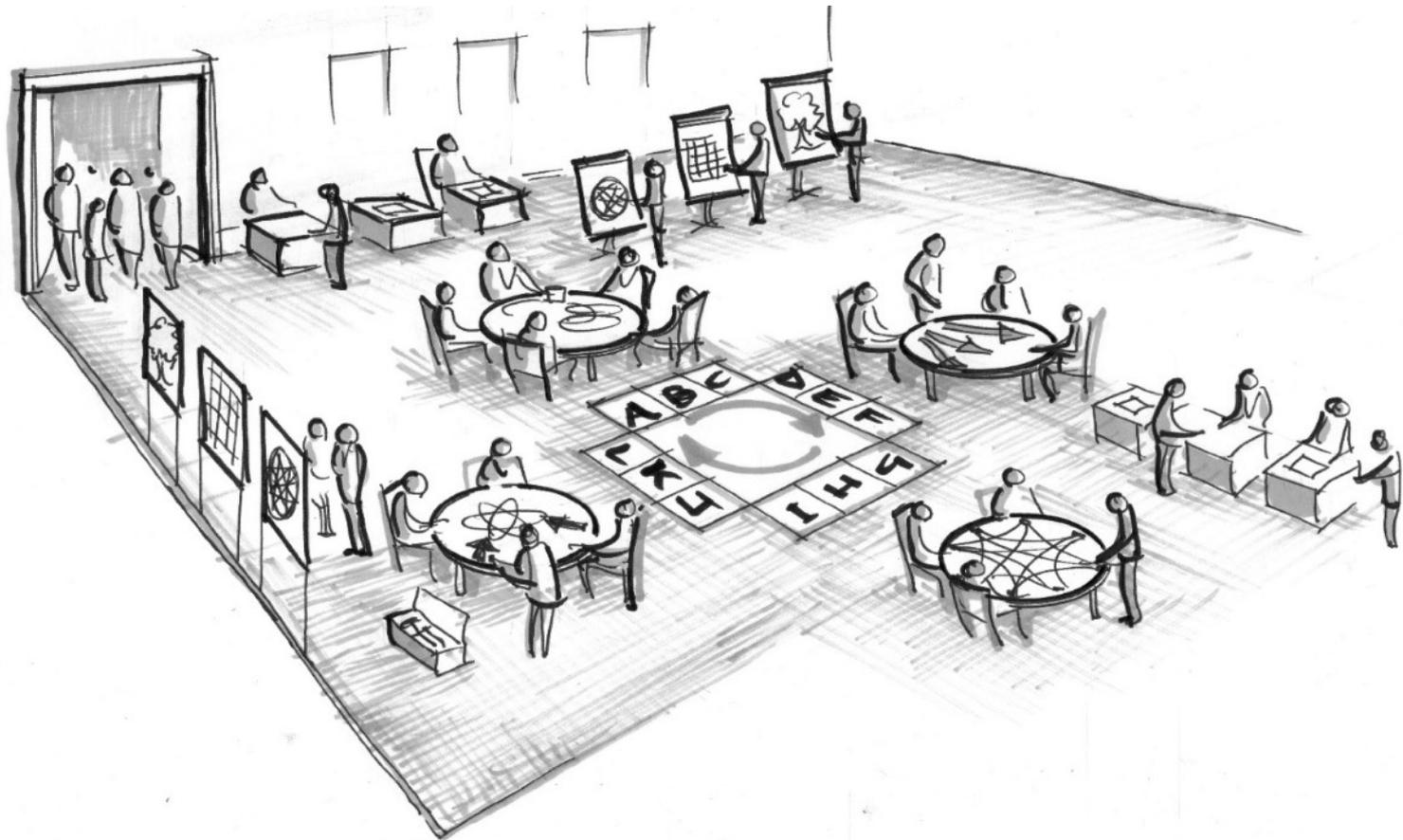
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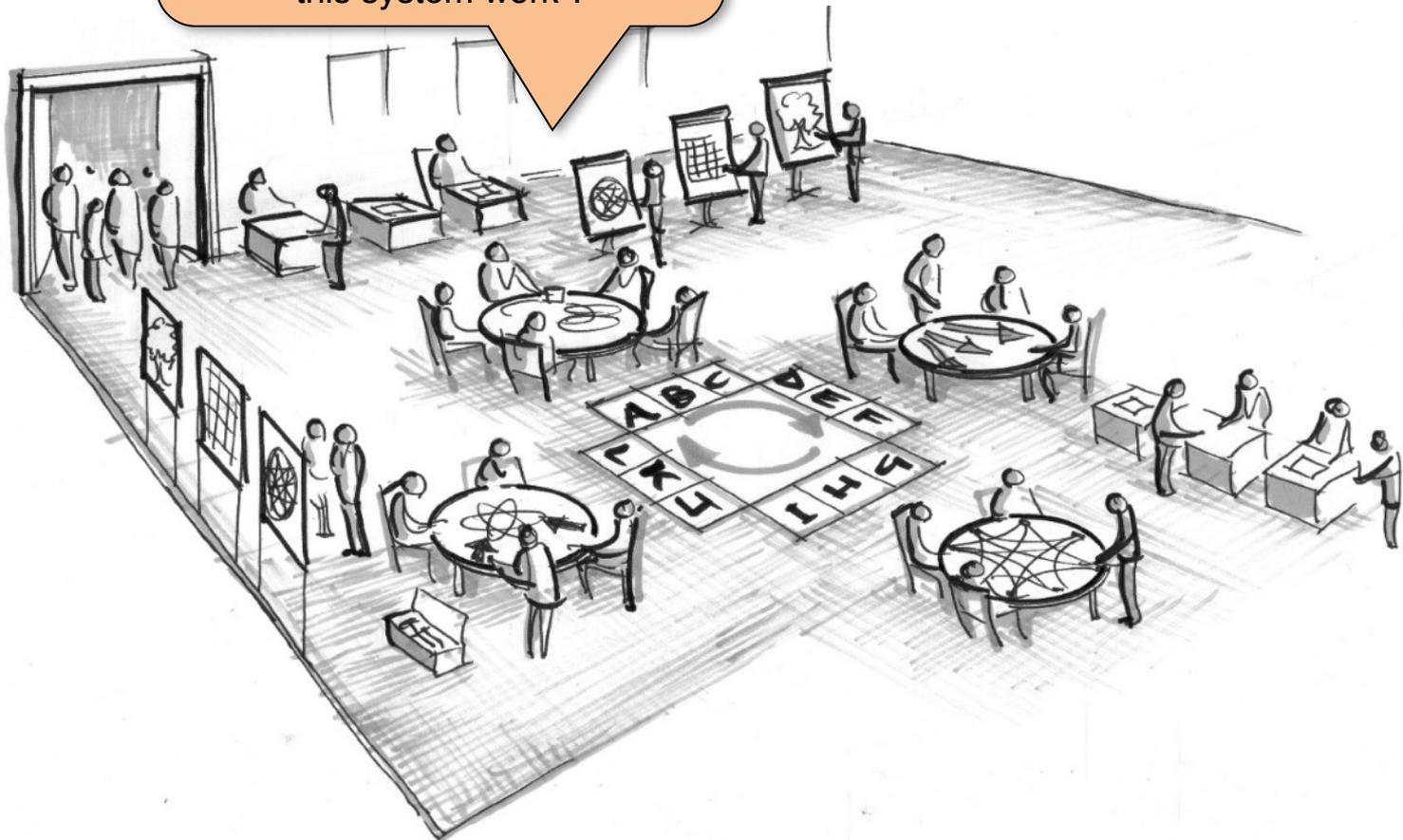


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- first we explore & draw maps of 'what is our problem' & 'how does this system work'?

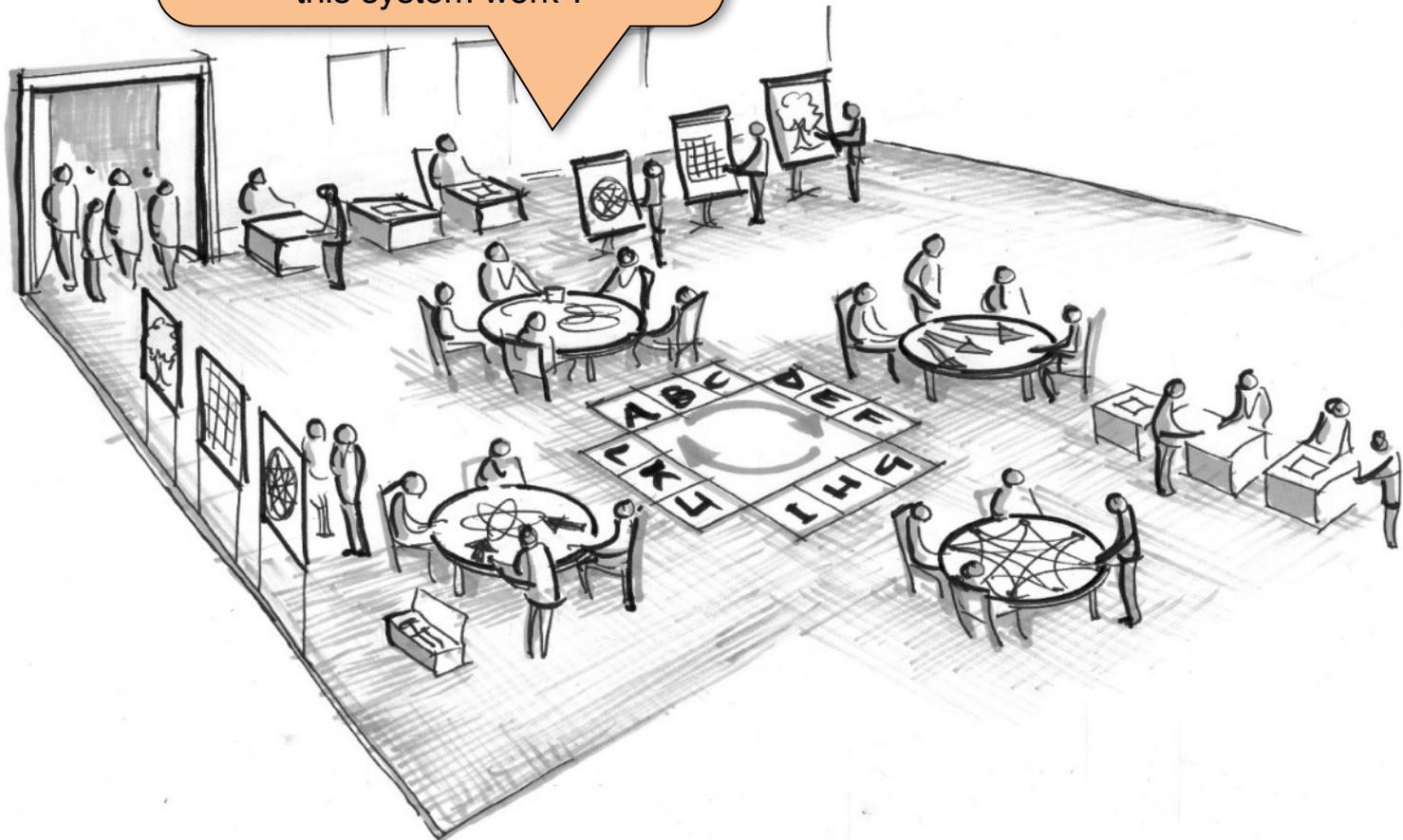


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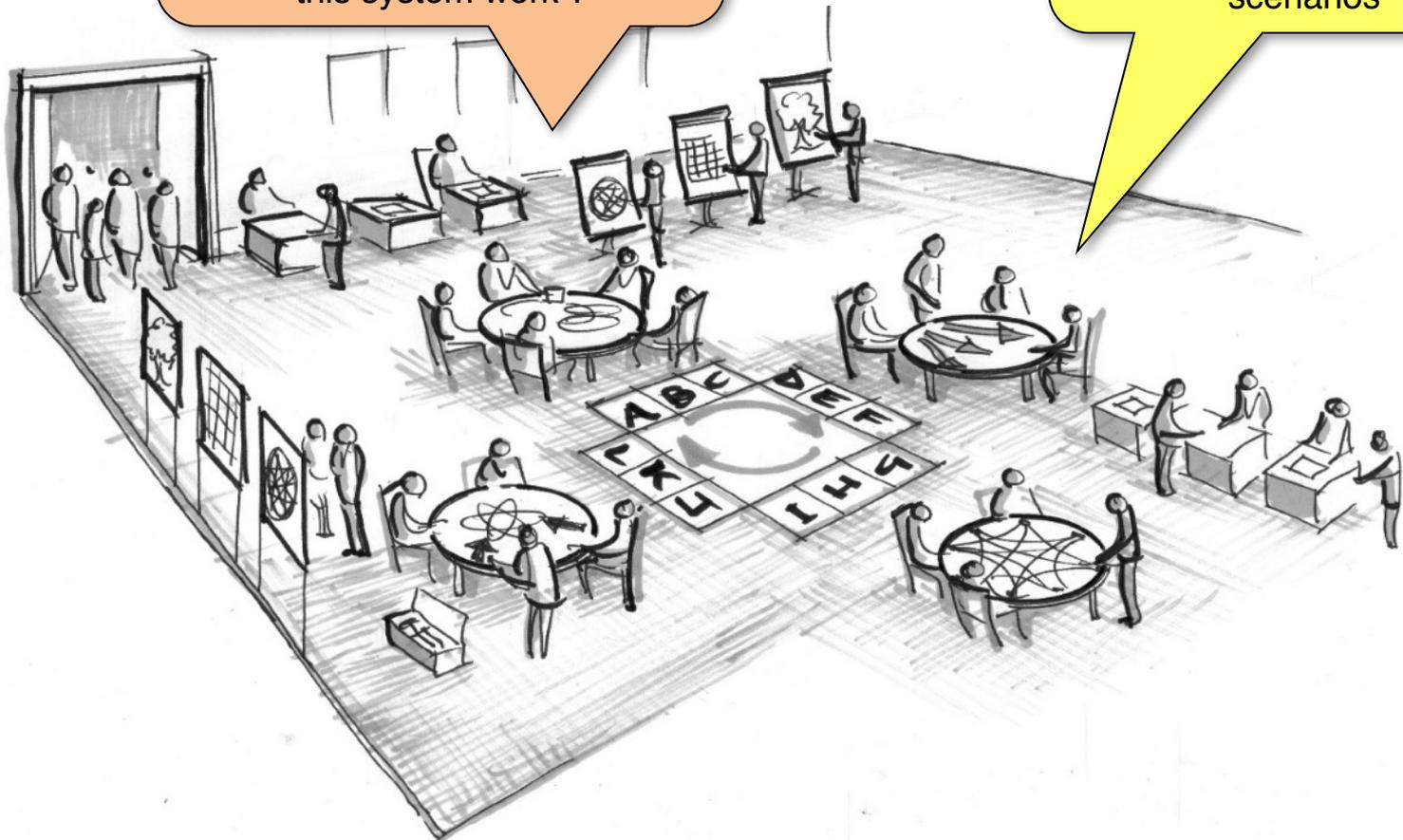
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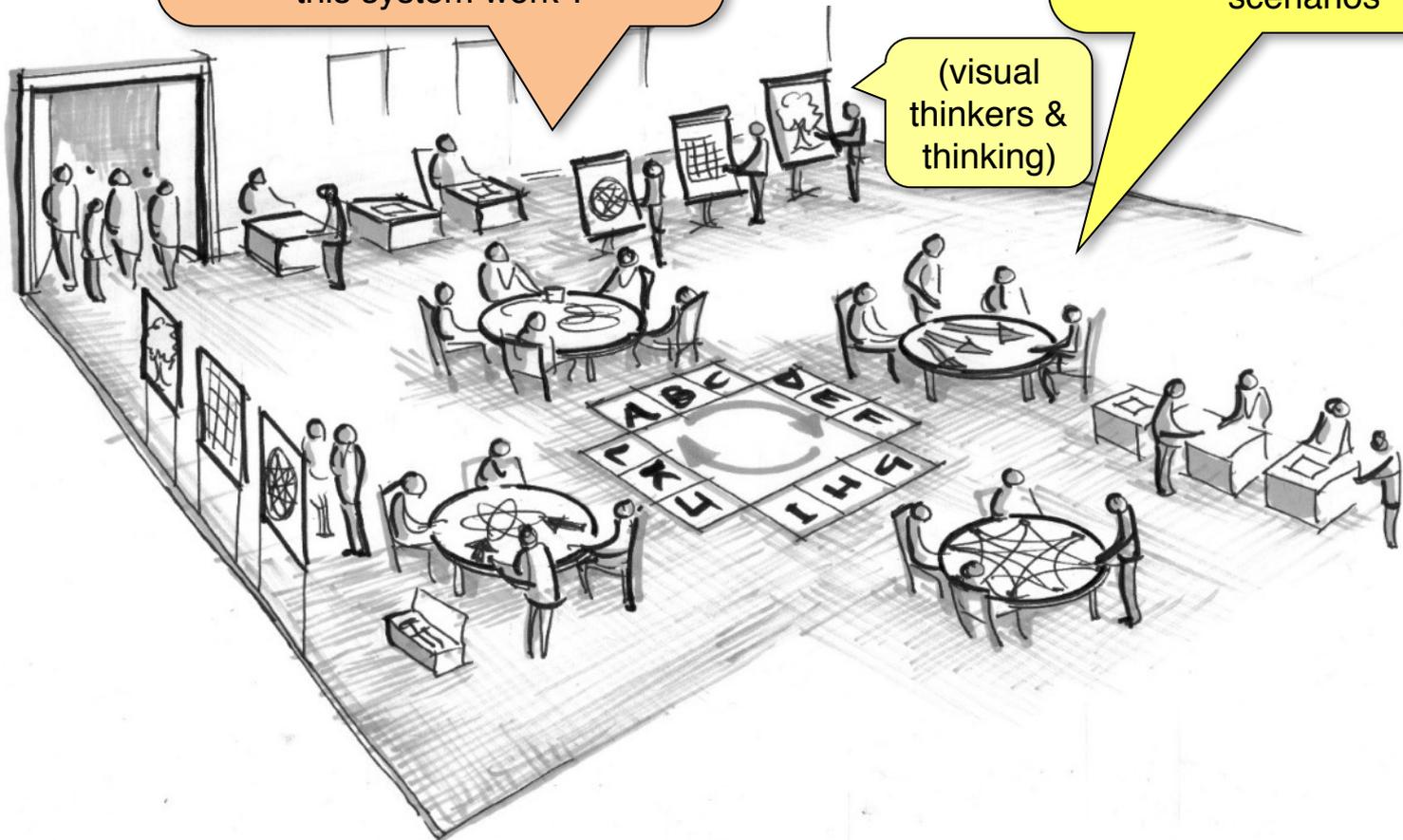
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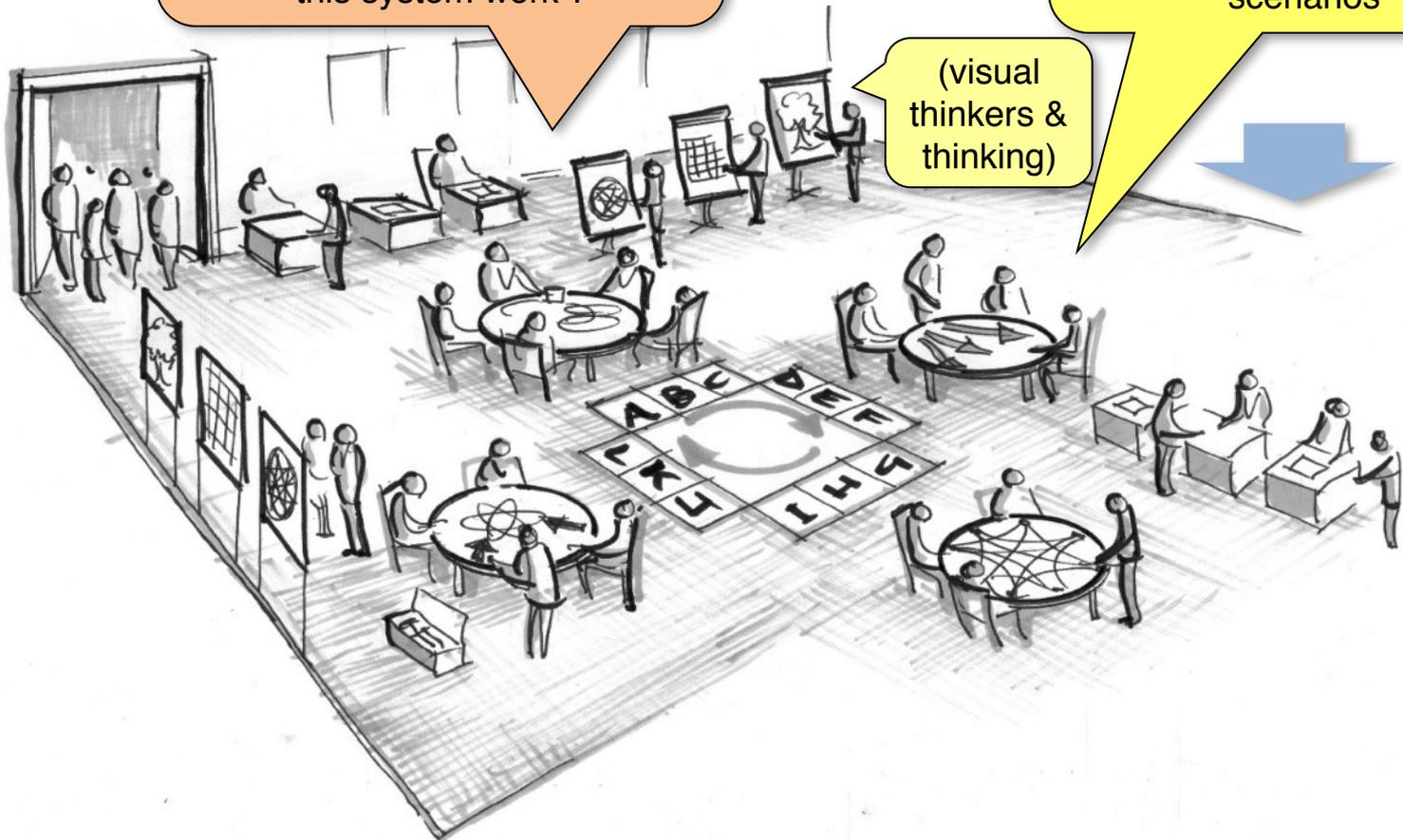
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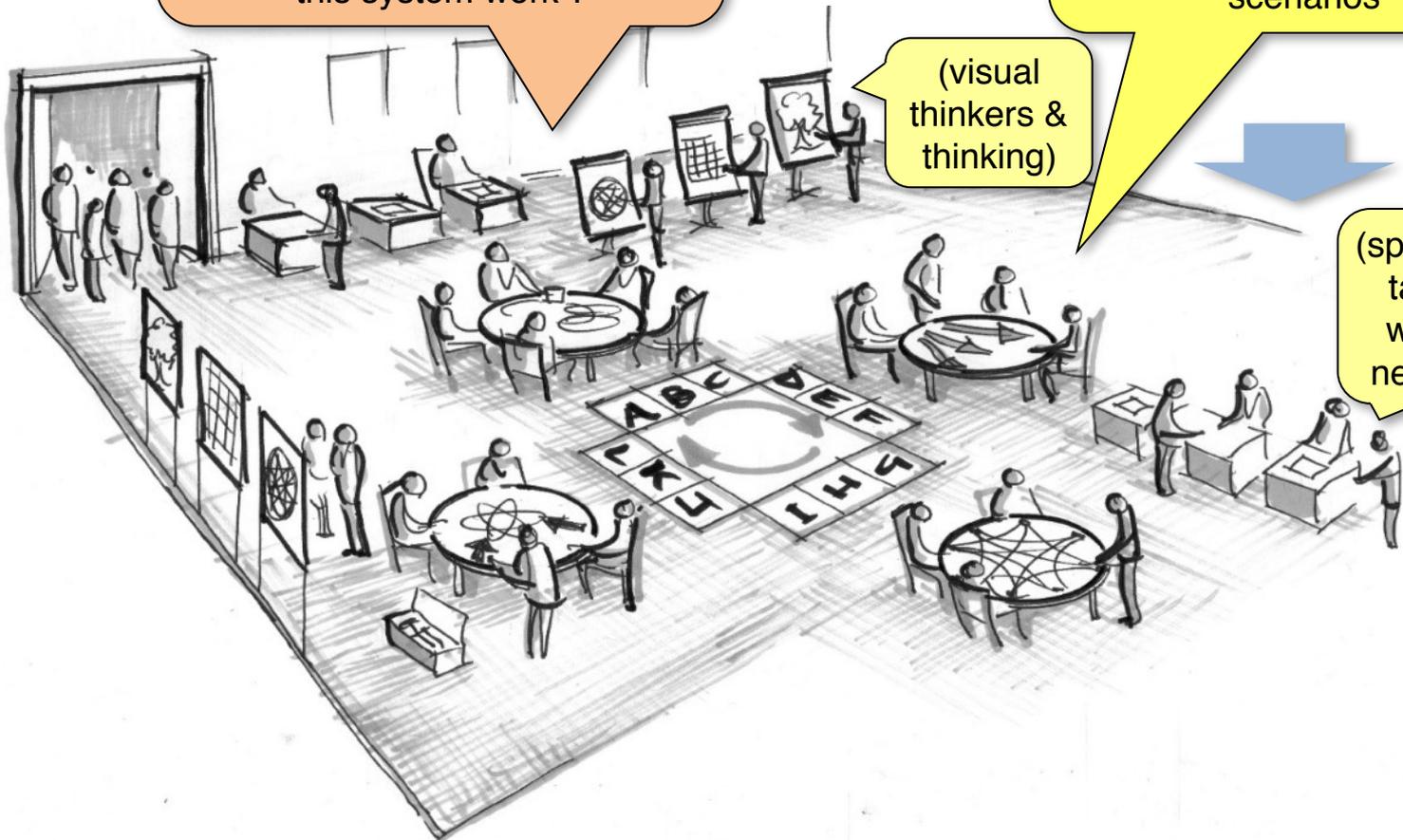
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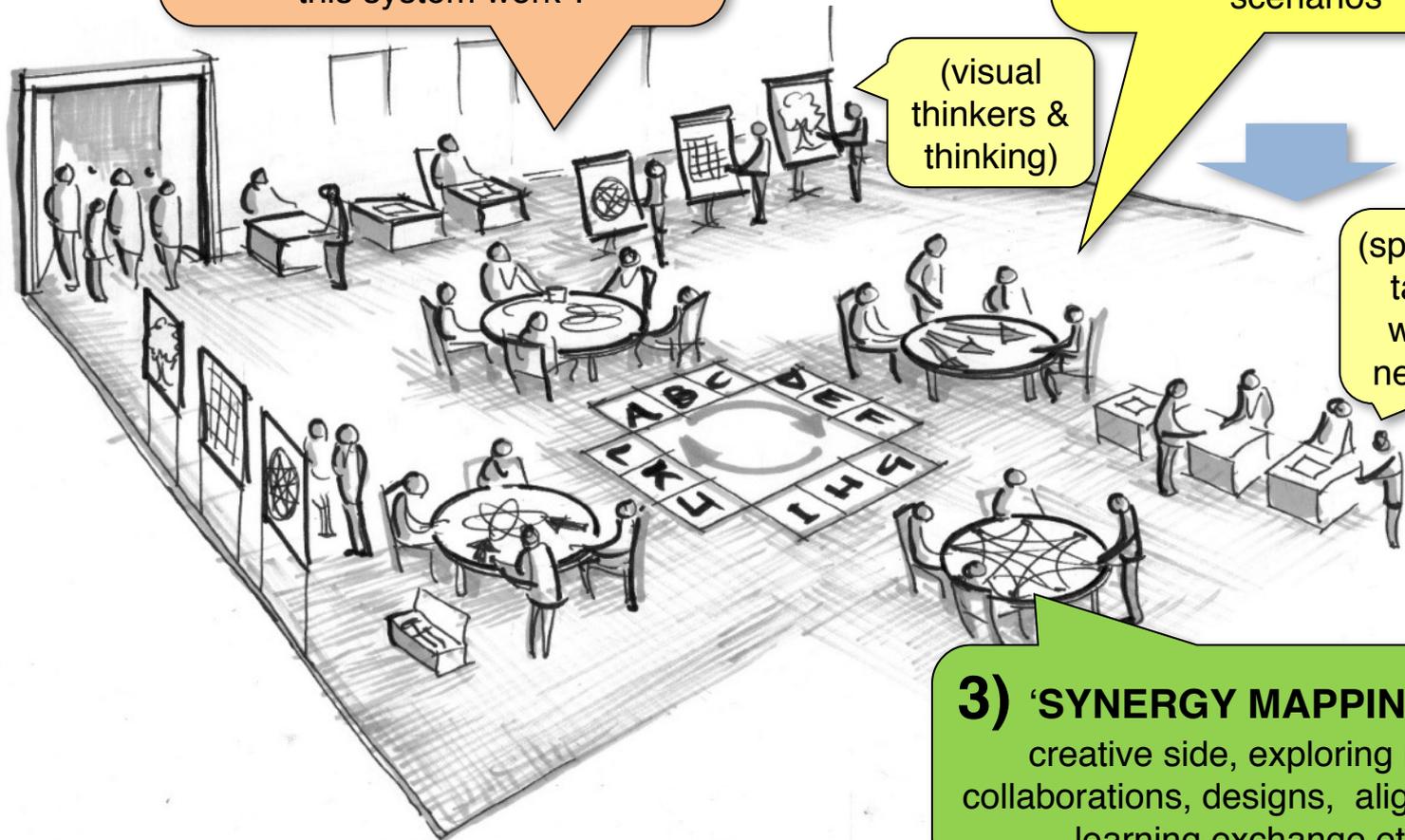
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... the creative side, exploring new collaborations, designs, alignments, learning exchange etc



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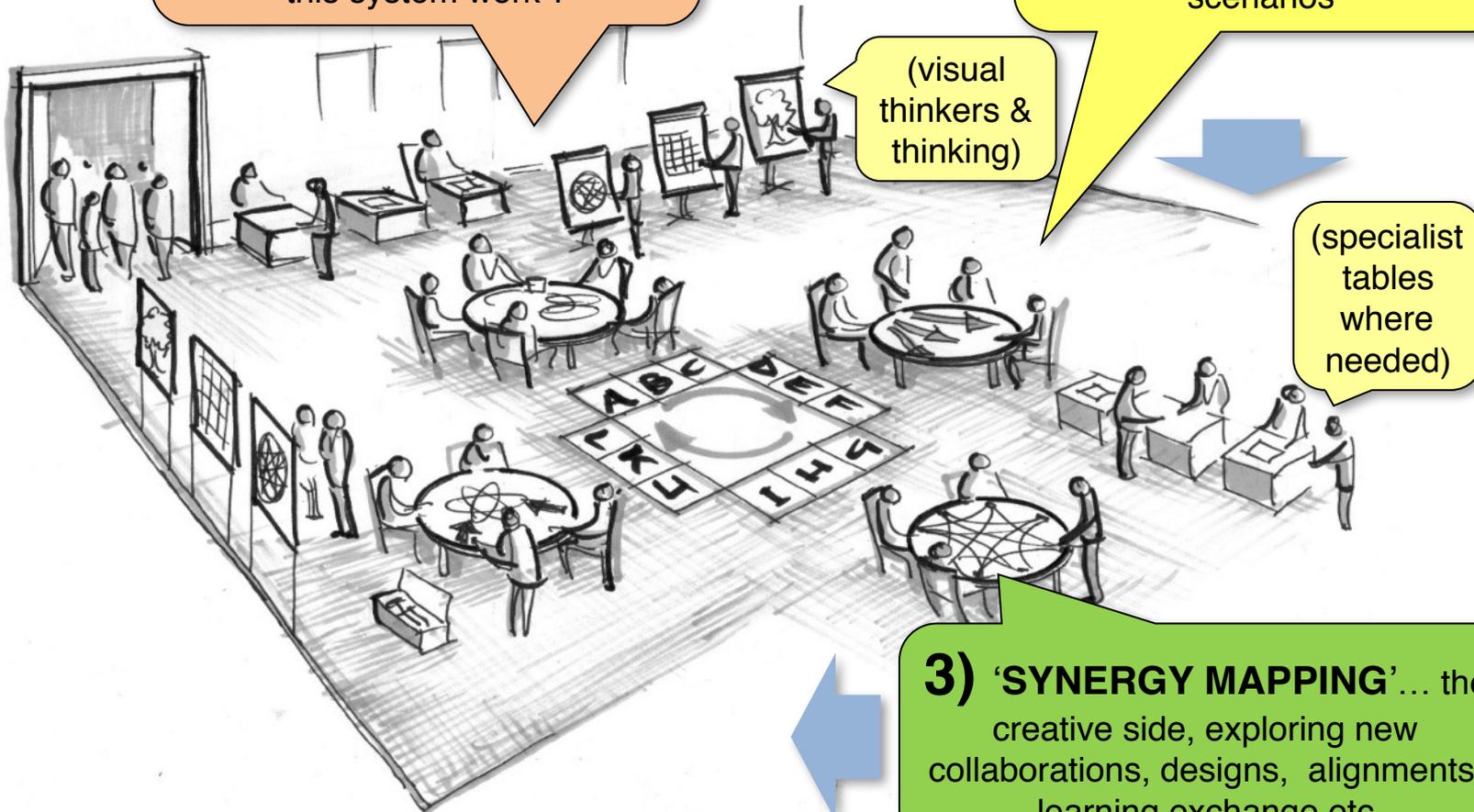
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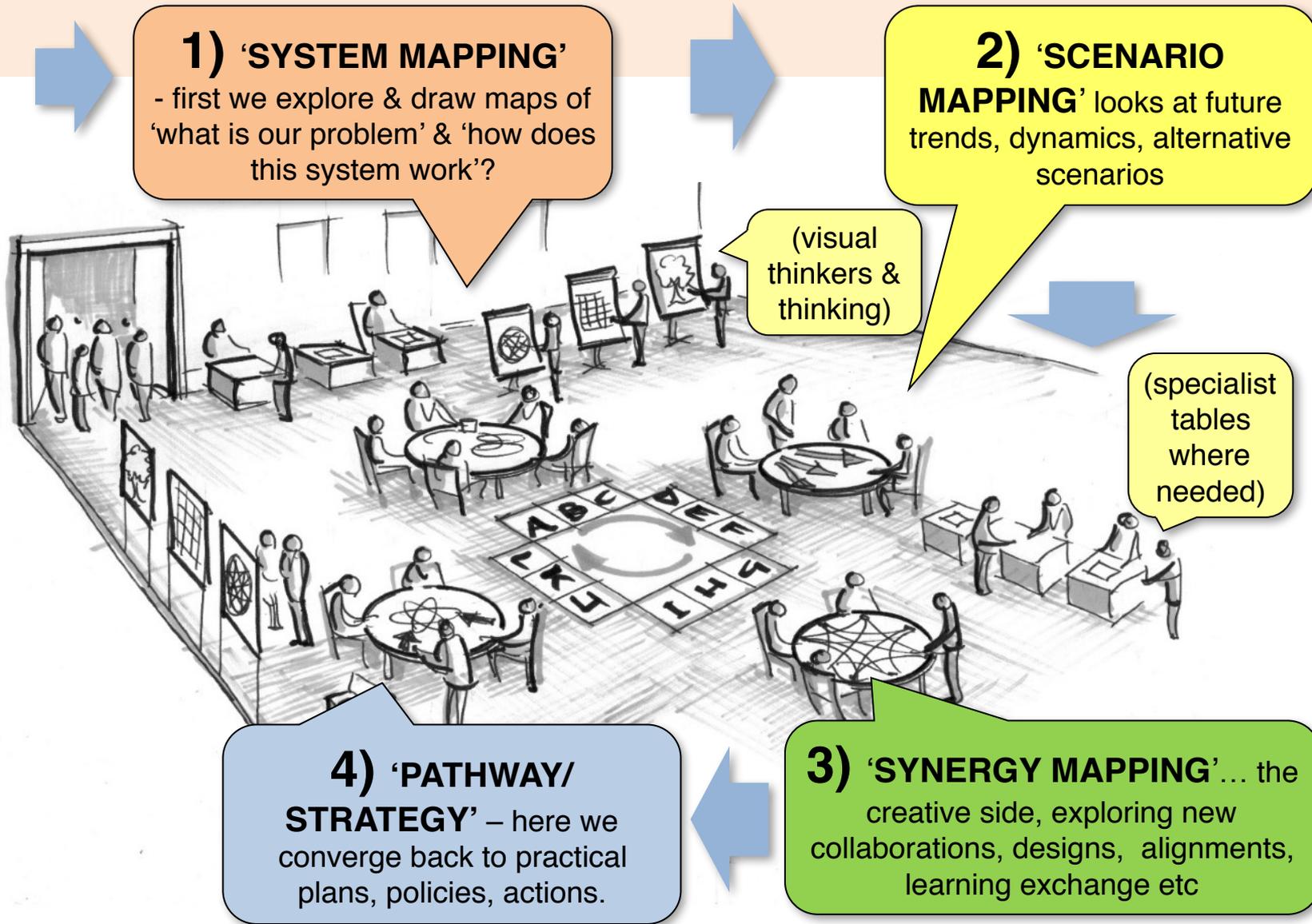
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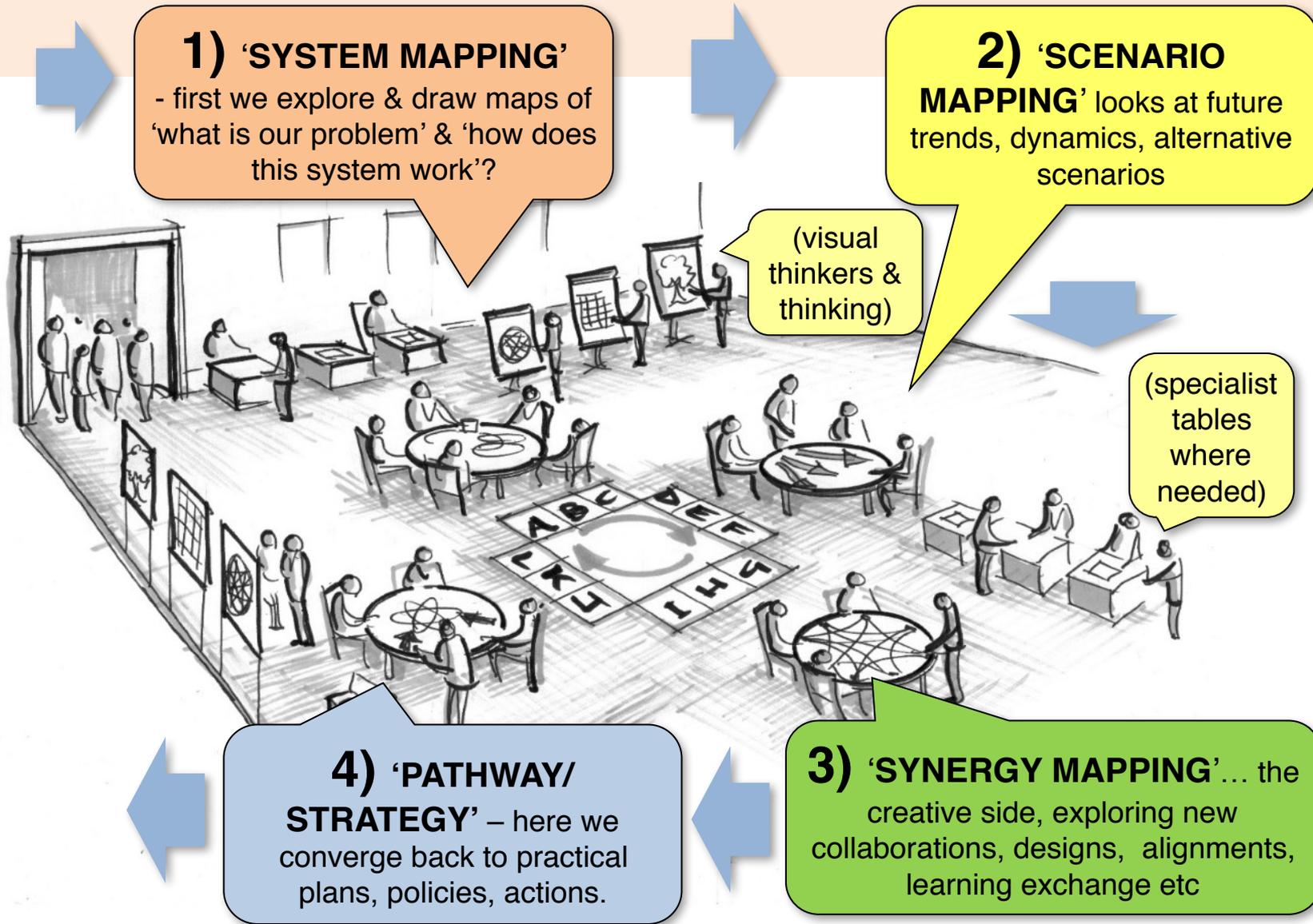
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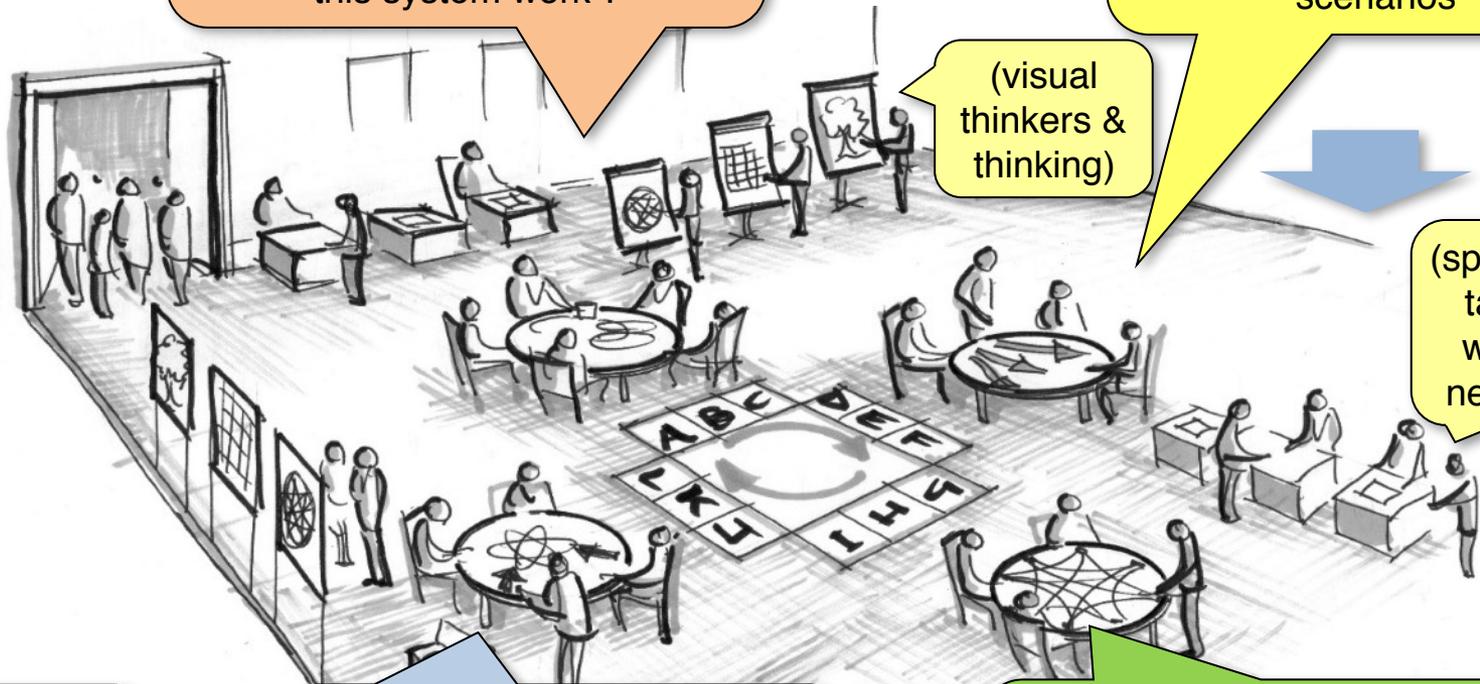
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Finally - either go around the cycle again – or take it out to the world

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– here we converge back to practical plans, policies, actions.

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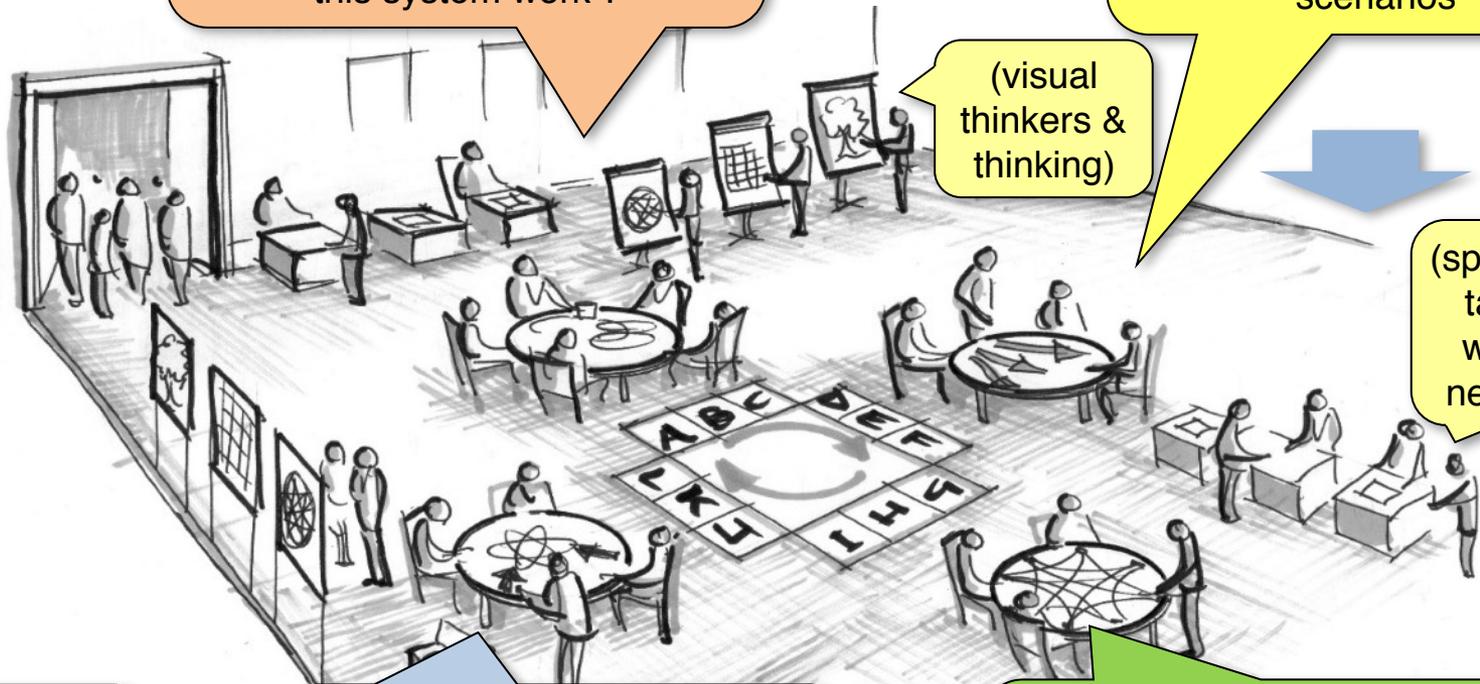
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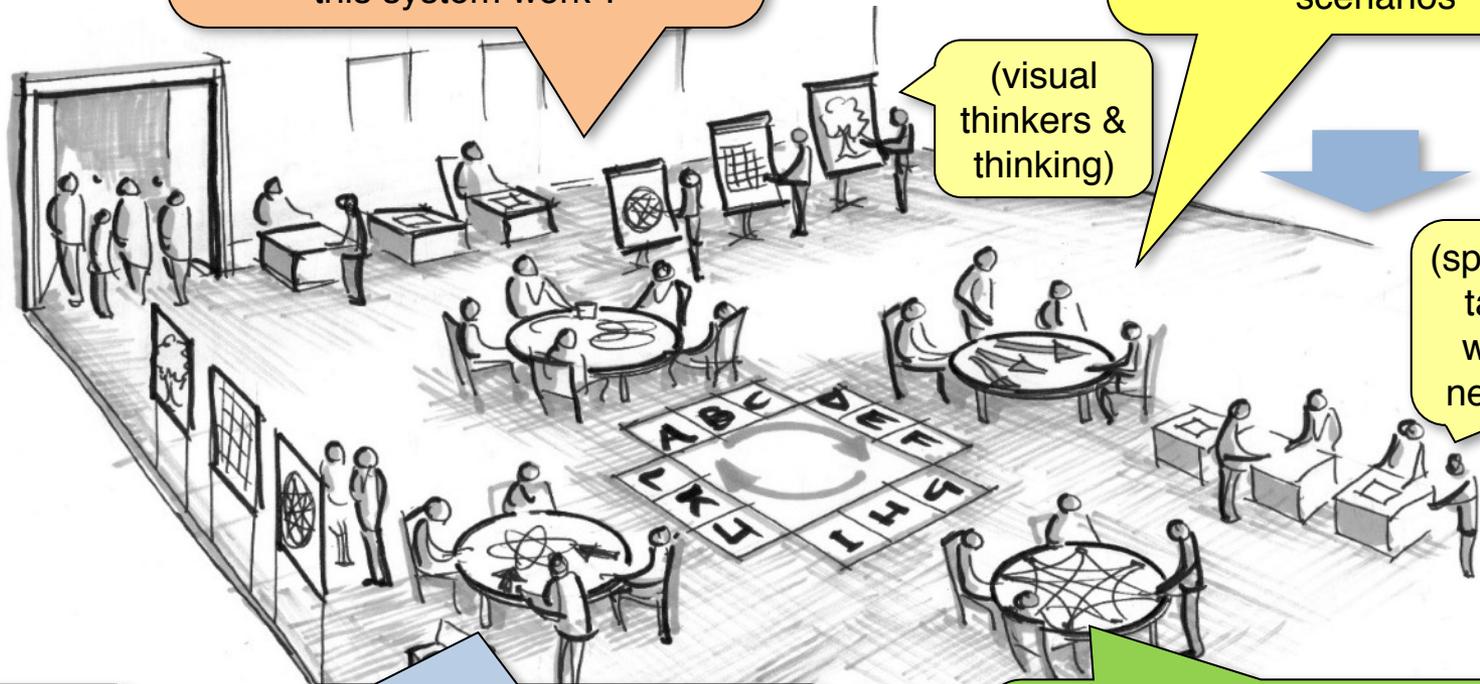
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"I think this is the key way to go.....rather than thinking of Songdo as the model."

—Saskia Saaren,  
Robert S. Lynd Professor of Sociology  
at Columbia University, Author of  
The Global City: New York, London, Dubai.

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# NORDIC CITIES BEYOND DIGITAL DISRUPTION

— A NOVEL WAY TO DEVELOP CITIES

#smartcity #urban #transformation #renewal #foresight #innovation #testing #startups #services #energy #retrofitting #startup #walkability #nordic

DEMOS HELSINKI



## THE FUTURE AS TOLD THROUGH THE GARDEN AND THE STREETS

SCENARIOS FOR THE HYPERCONNECTED NORDIC SOCIETIES OF 2015-2040.



# Work 2040

Scenarios for the future of work

