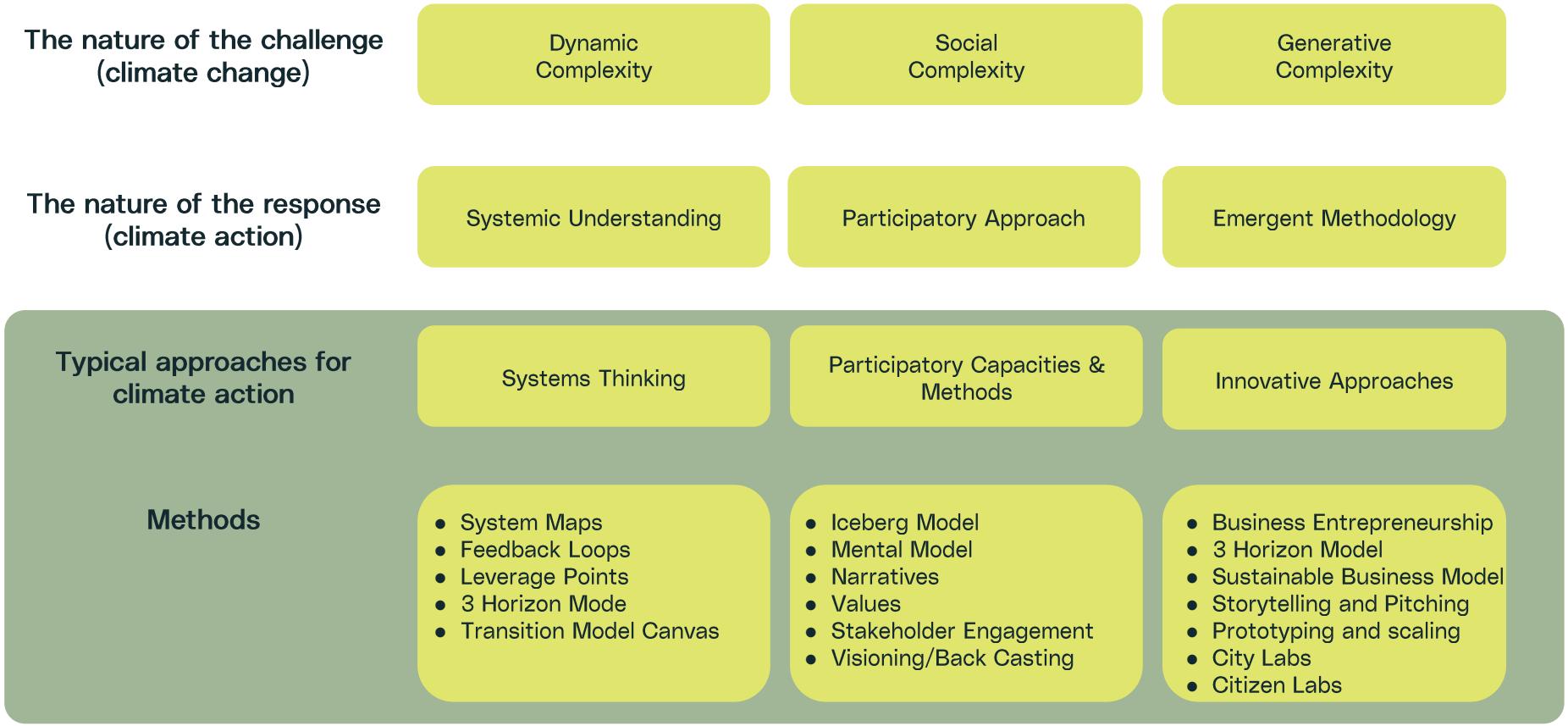
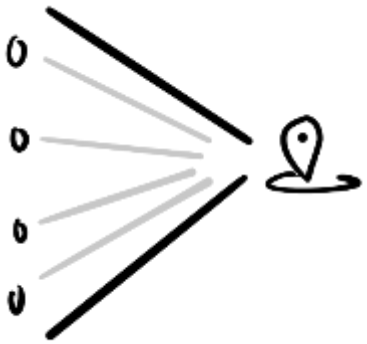
# Systems change - Three types of complexity

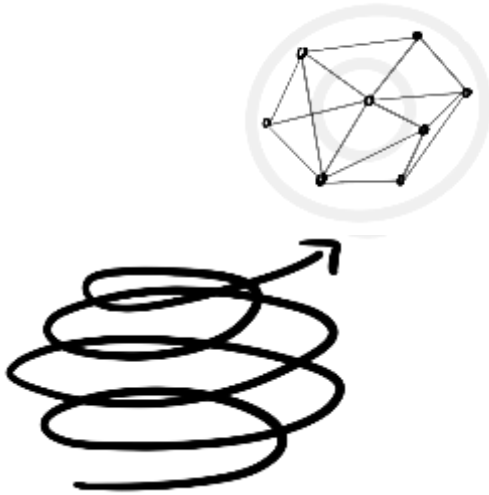


# Climathon - A maturity journey



Solutions focussed Climathon

Systems informed Climathon



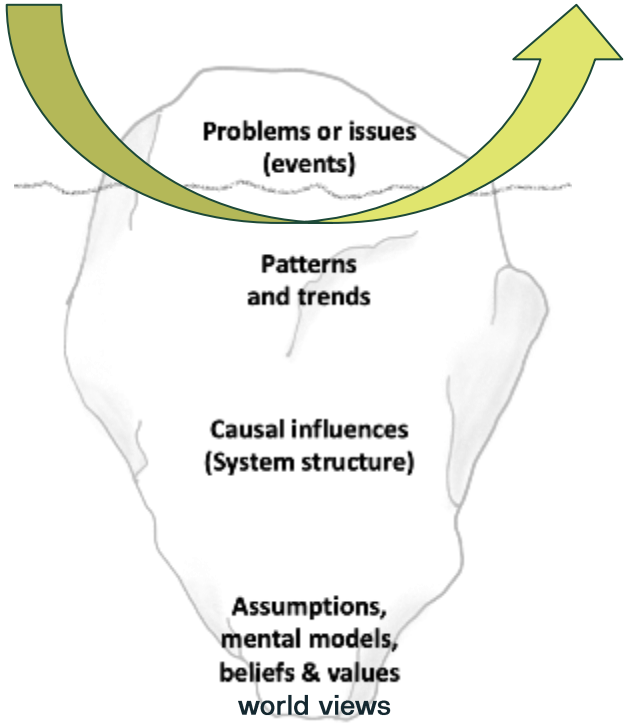
Systemic Climathon labs

# Climathon – A maturity journey

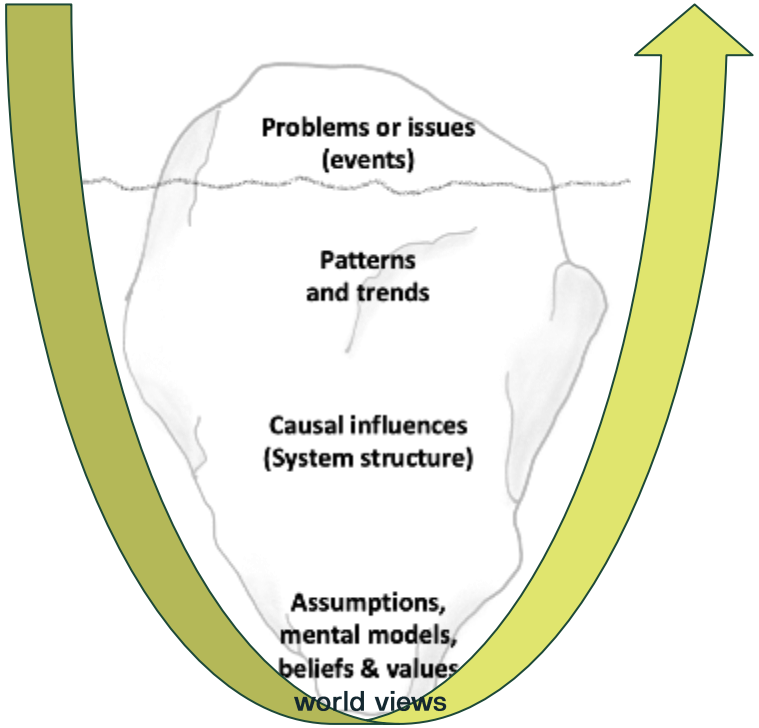
| | Solutions focused Climathon | Systems informed Climathon | Systemic Climathon Labs |
|---|---|---|---|
| Focus | Climate Startups, Technical Innovation, Symptom driven approach, creates financial value. Pushing solutions to the market | Complex Challenges and appropriate climate action, Root cause driven approach (Iceberg Model), creates stakeholder value and social value. Citizens viewpoints are incorporated in solution creation | Emergent climate action response from different sub-systems aiming to address the complex root causes of climate change, creates systemic value (7 community capitals, including financial capital). Co-creating solutions with community of citizens experiencing root causes |
| Mindset | Competition - Winner takes it all, economic growth tops all, technological centricity | Widening the perspective towards collaborative interventions, ecosystem approach | Holistic, emergent, collaborative ecosystem approach |
| Participants | Driven by individual success and desire for financial merits | Representing different viewpoints, values & mental models | Representing different viewpoints, values & mental models |
| Role of host | Project Management | Stakeholder and citizen relationship management | Holding the frame between lab core team and stakeholder collaboration |
| Type of facilitation | Soley design thinking innovation process | Facilitating different stakeholders to a common goal (collaborative, emergent and reflective, sense making, divergence, groan zone, convergence) | Facilitation expertise depends on each lab session (e.g. System thinking facilitation followed by collaborative Solutions facilitation) |
| Stakeholder involvement | Limited to challenge provider, mainly from for profit organisation, hoping for a direct benefit, transactional relationship | Widening to municipal organisations, NGO, and citizens | Committed core team + wide variety of stakeholders committed across the labs, experts are involved depending on lab session. Long term partnerships |
| Key tools | Business Model Canvas, narrow problem statement definition, Design Sprints | System Thinking Frameworks, Visioning, Feedback Loops, Leverage Points, Sense Making Frameworks, creative problem solving and iterative prototyping & testing | Tools depend on lab session including all tools covered in systems informed climathon. Social labs approach. |
| Frequency | Once a year, and/or one off | Once a year, and/or one off | Series of sessions spanning across 12 - 24 month |

# Climathon - A maturity journey

Solutions focused Climathon



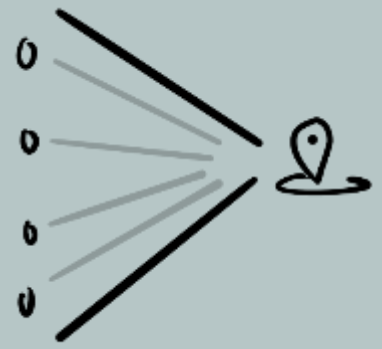

Systems informed Climathon



# Reflection

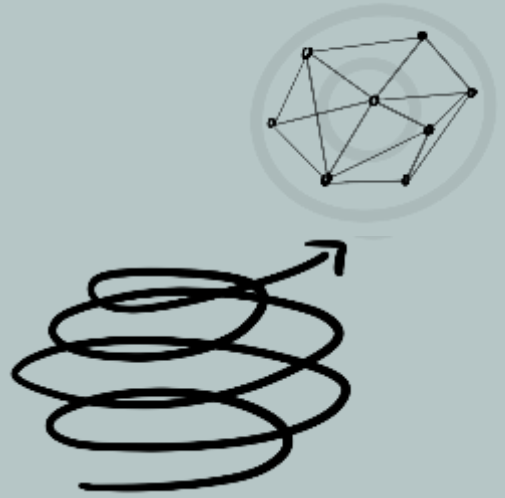
What does a systemic approach mean for climate action interventions?

Locate yourself - Where are your Climathon is in the process of systemic change?



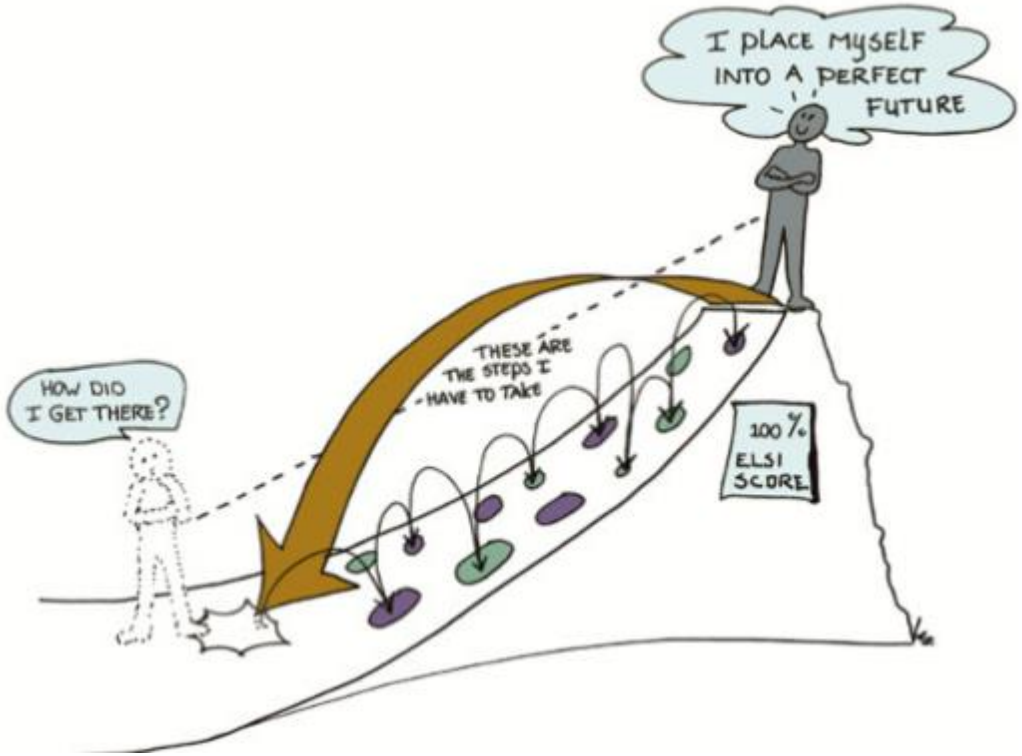
Entrepreneur focussed Climathon

Systems informed Climathon



Systemic Climathon labs

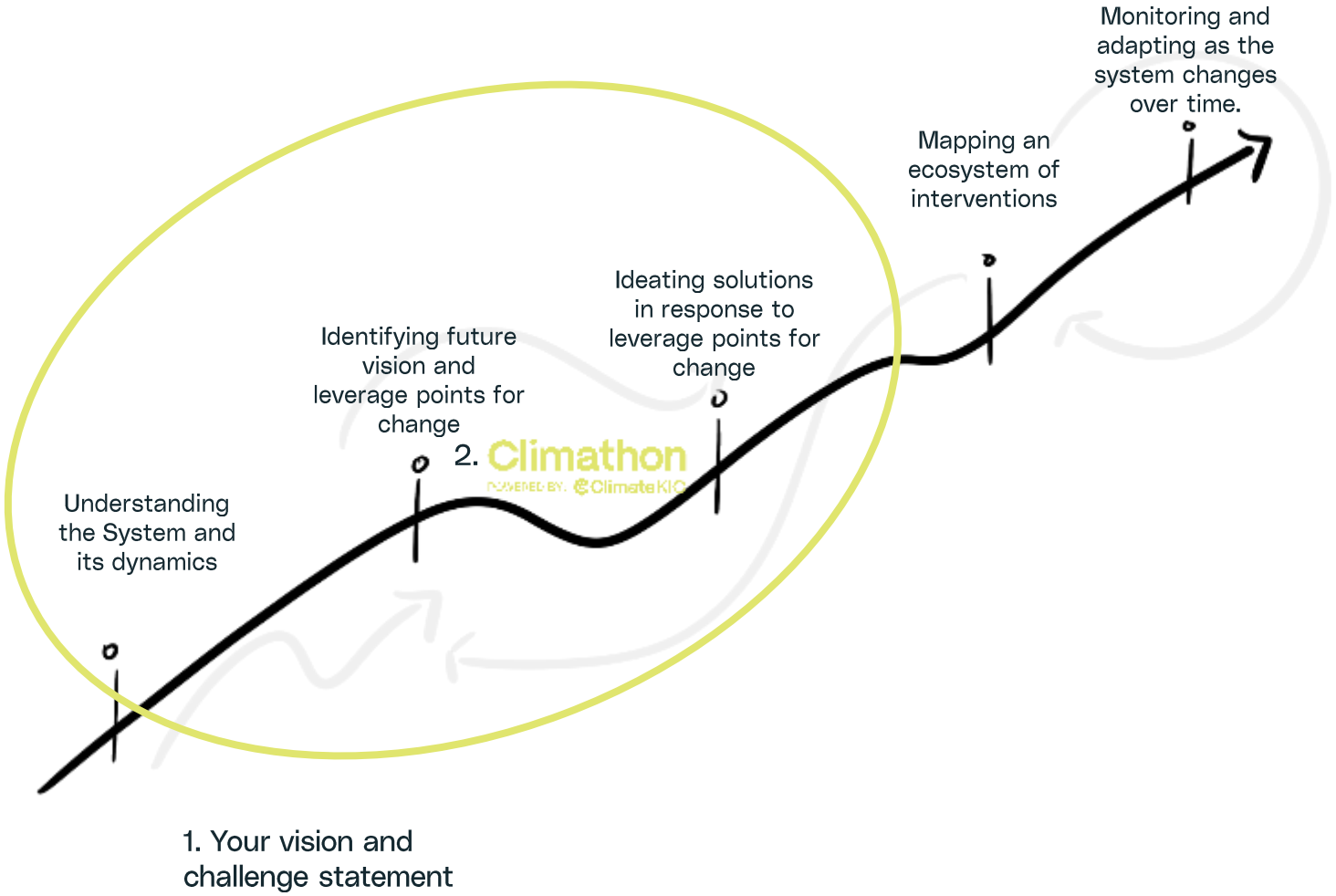
# Systems informed Climathon -
# Placing yourself in the perfect future



# Exchange

What does a thriving city look like that is home to thriving people, while respecting the wellbeing of all people and the health of the whole planet?

# Systems informed Climathon -
# A way to reach your vision

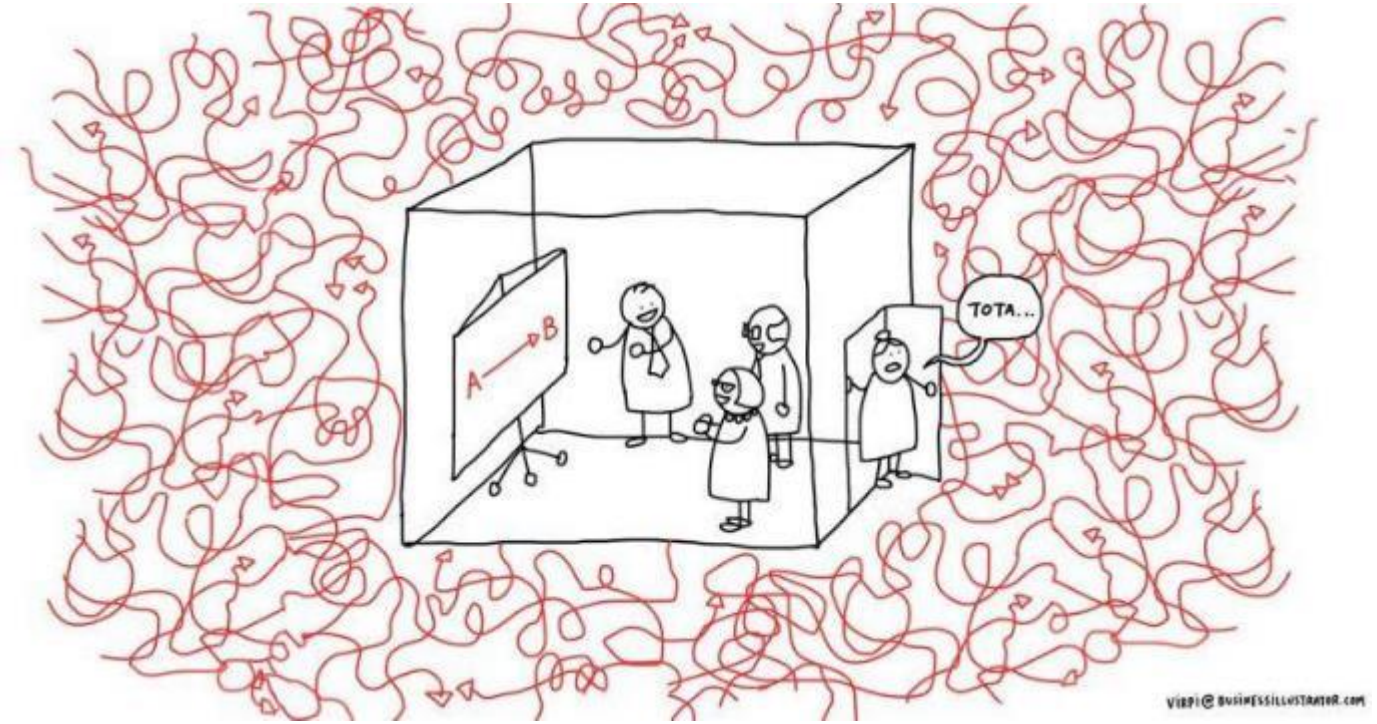


# Visioning your future city

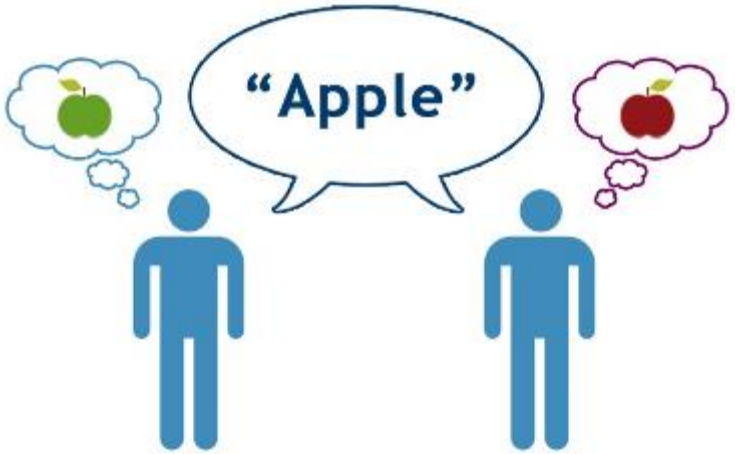
# Recap

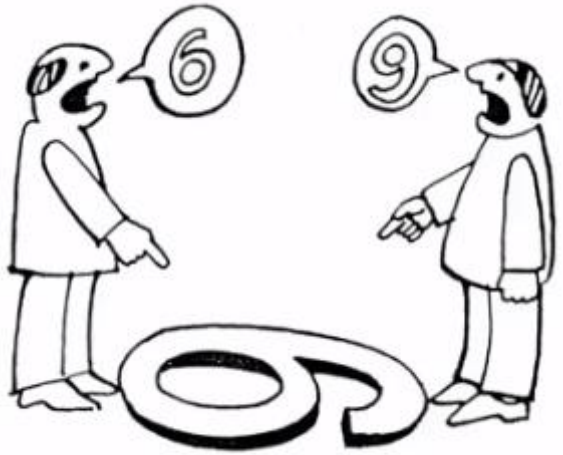
Climate change is...

...a wicked problem which requires a systemic mindset

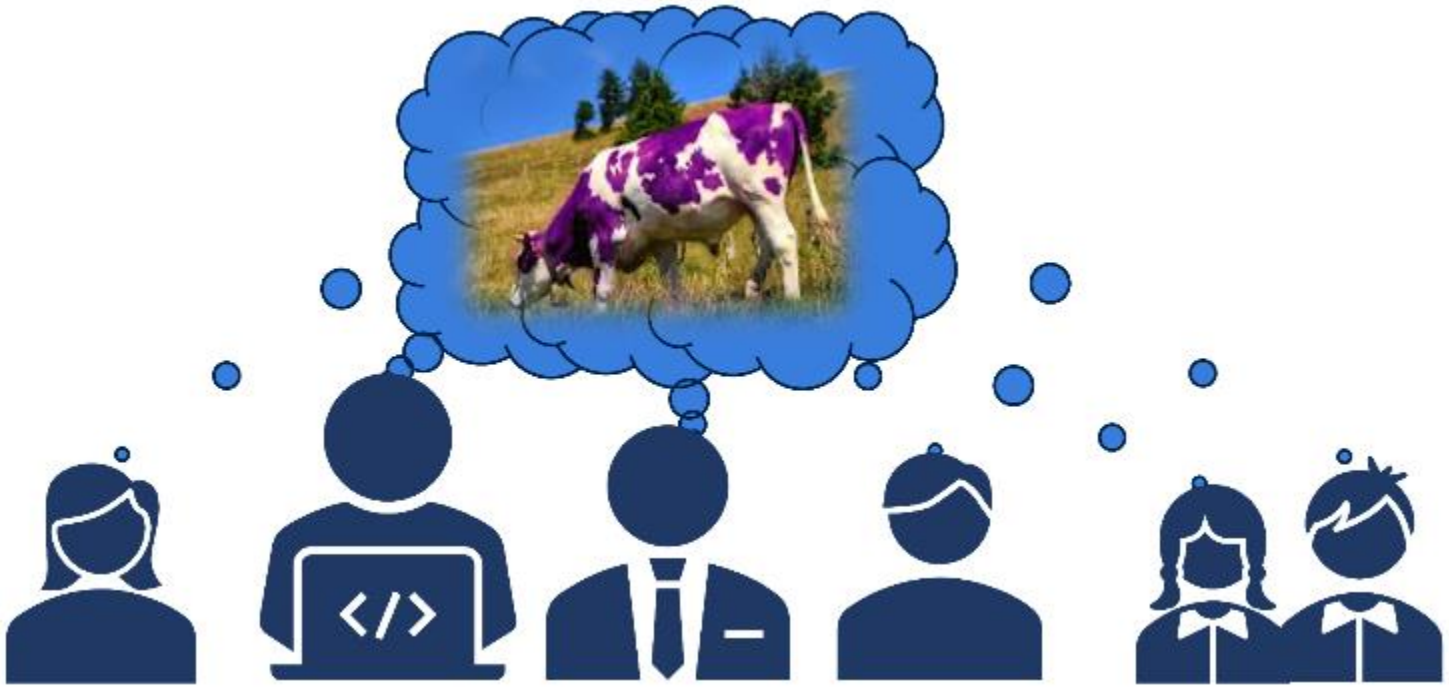


We don’t agree on definition

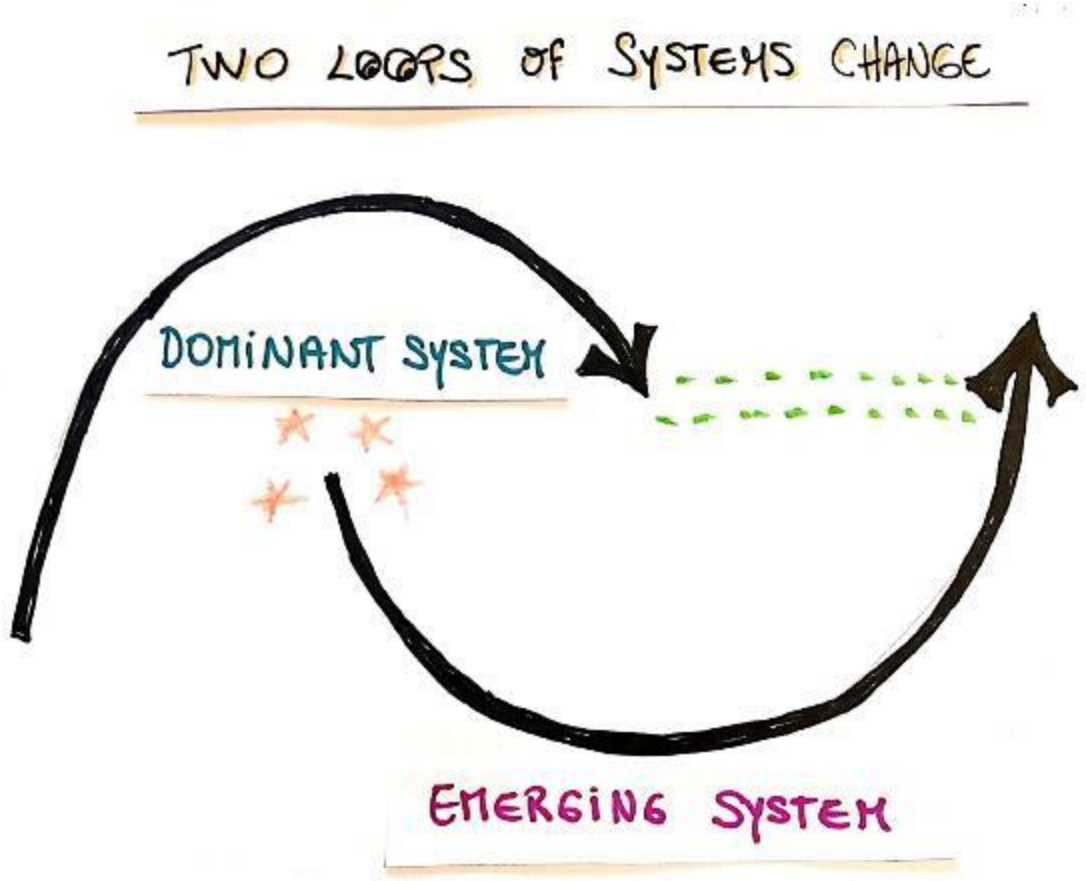


# Establishing mental models

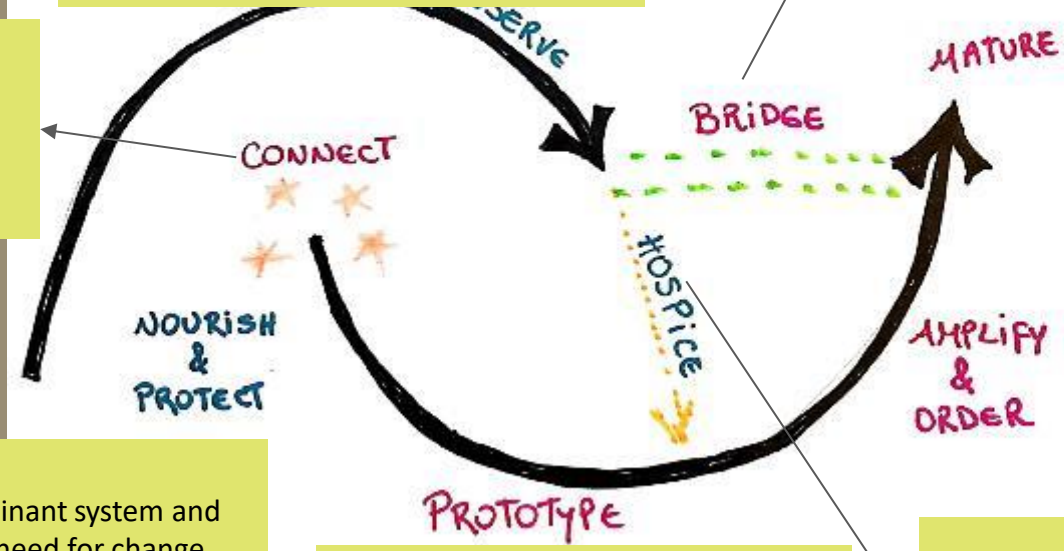


# Understanding evolution of systems




Credit: Julia Salmone, MSLS 2020

# What part of the system will your Climathon focus on?




- Identify the ‘gold of the old’
- Work to conserve this value for new, emerging ways

- Connect the old & the new
- Straddle both paradigms
- Illuminate new way of doing
- Invite people across

Connect new initiatives together and more resilient

Focus on growing new initiatives into fully functioning new system

- Focus on growing what works
- Organise into efficient systems

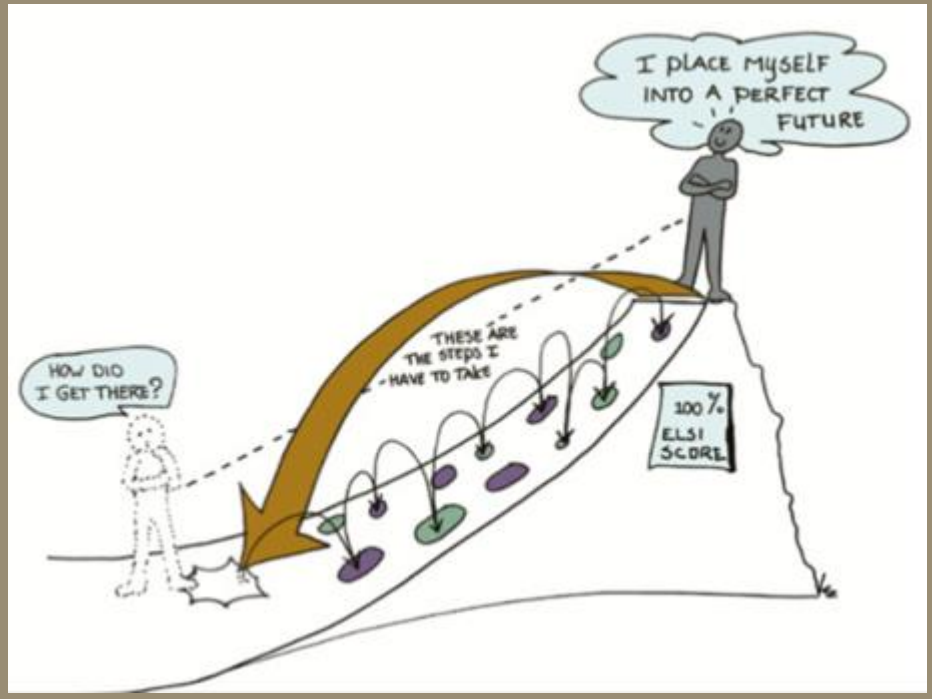
- Part of dominant system and understand need for change
- Create safe spaces and access to resources

Trying out new ways of doing things on a small scale and experiment to see what works

- Help alleviate pain and suffer as old system declines
- Gracefully accompany the dying of dominant system

# The purpose of your Climathon?

- Why does the format of Climathon exists?
- What is the impact you are trying to make by hosting a Climathon? What problems are you trying to solve?
- What impact do you want to see after 5 - 10 years of running climathons?
- What are the challenges you or your teams encounter after the Climathon is over?



# The purpose of your Climathon?

- What measurable (or intangible) goals would support your climathon purpose? *Describe in a short paragraph a potential envisioned future where your purpose became reality!*
- How would your Climathon need to be positioned in 2025 so that in 2040 you can say: "It couldn't have been better!"?

# Check-out

REFLECTION

How much did your perspective change after this session?

Would you say your mind changed?

What would you need to maintain or support a mindshift change?

# Thank you

CONTACT

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