

IO2

EU LAB

IO2/LTTA 2 Nantes Lab: Visual Tour

Funded by: Erasmus+ Programme Key Action 226 Partnerships for Digital Education Readiness
2020-1-IE02-KA226-HE-000787

NANTES FUTURES LAB



The Audencia 'City Futures Lab' formed the second pilot of a heutagogical challenge-based module in the EULab strategic partnership. The aim of this lab was to a) further test and refine 'Futures Lab' methodology with European partners.

WELCOME TO EULAB NANTES

Project Coordinator



Project Partners



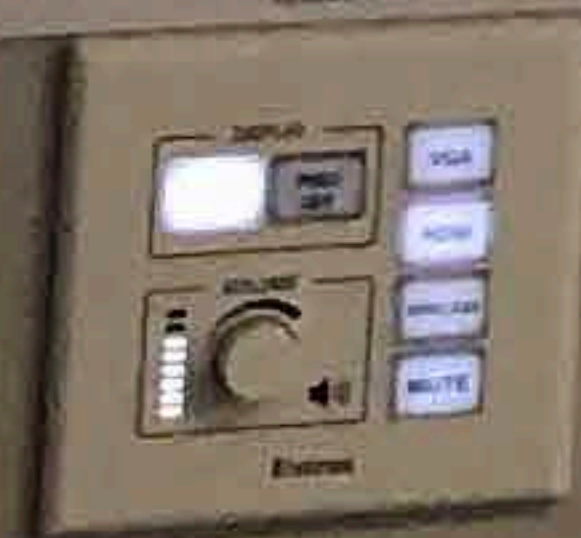
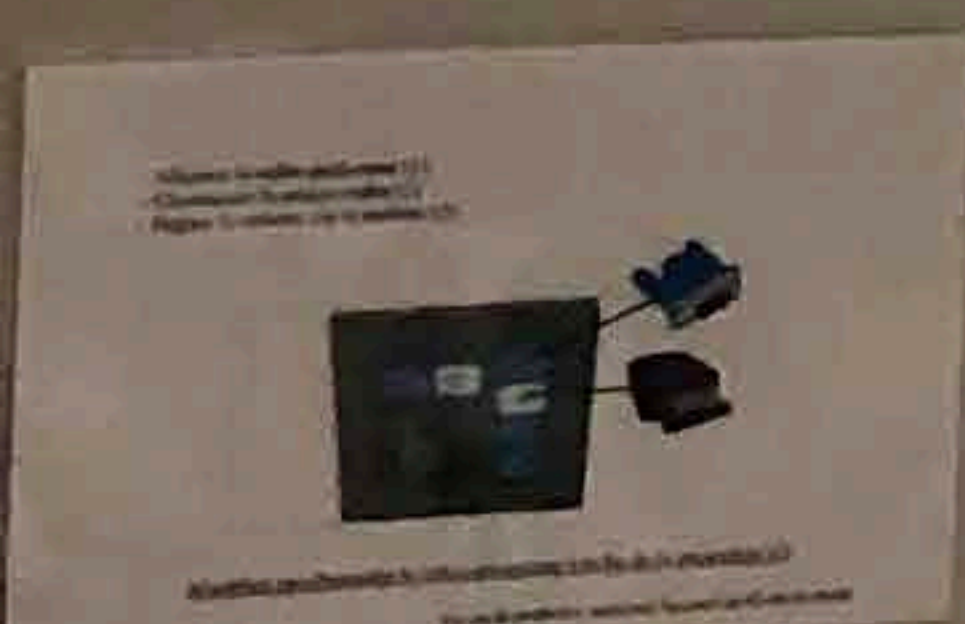
Audencia

universidad
de león



EU LAB IS A UNIQUE PROGRAMME, USING A STUDIO-BASED LEARNING MODEL
WITHIN A HEUTAGOGICAL LEARNING FRAMEWORK

IT BRINGS TOGETHER STUDENTS ACROSS 4 EU PARTNER INSTITUTIONS TO
WORK COLLECTIVELY ON THE MOST PRESSING ISSUES OF OUR TIME



CONCEPT & CONNECTIONS MAP

How to Use This Toolkit

1. Start by brainstorming everything you know about the problem area.
2. The tool gives you a structure to put it all into, understanding what you are working with at a glance.
3. Then add the most relevant things, and think about your own lived experience.
4. When you have a clear idea of what you are looking for, you can get a broader picture.
5. Then use the connections around the outside of the main circle.
6. Finally, use the connections around the outside of the main circle to reveal new relationships.

Prompt: What do we know?

EULab Toolkit



Welcome to Audencia

José Maillet, Gaia School, Audencia Business School







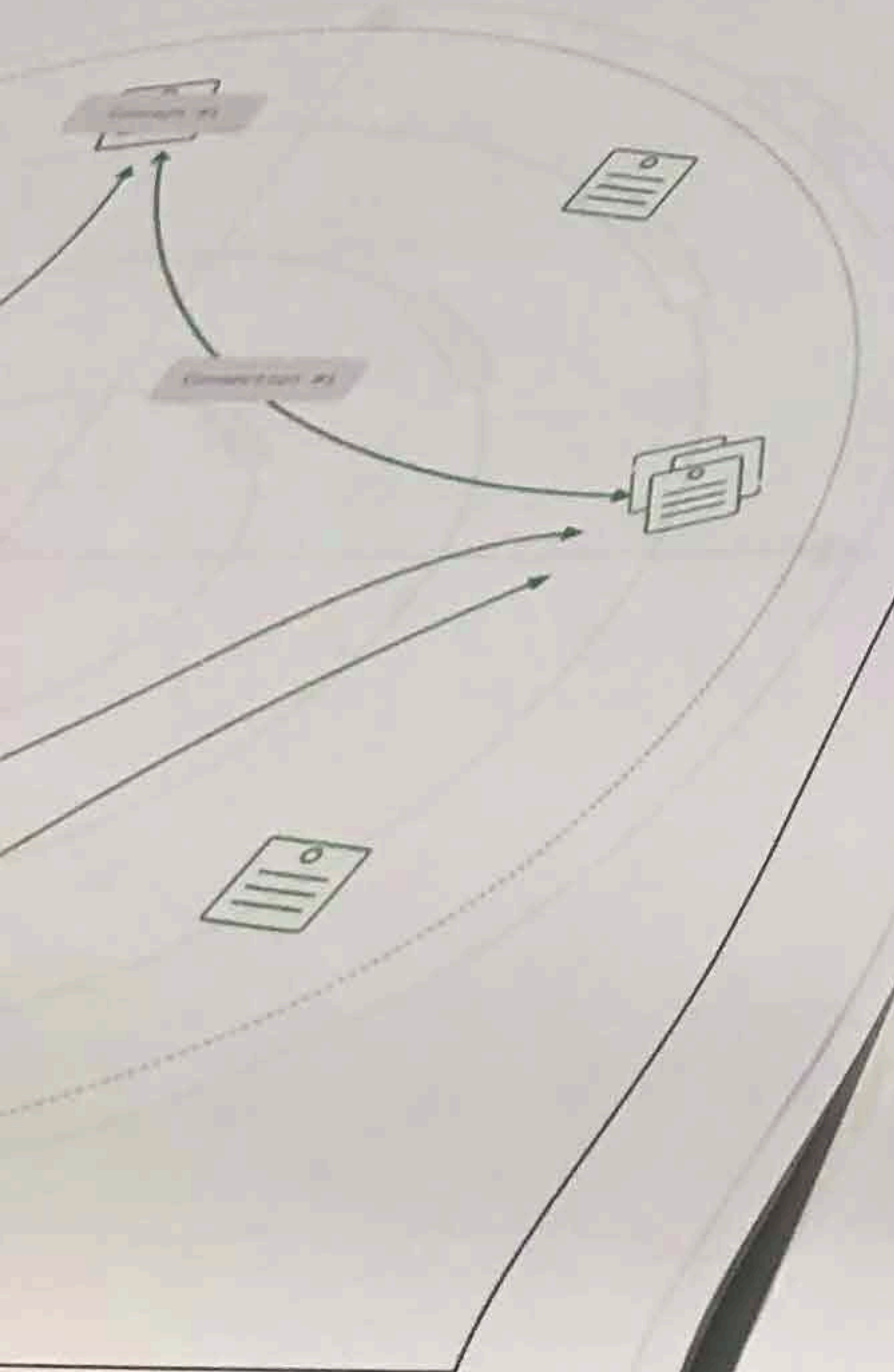
CONCEPT & CONNECTIONS MAP

CANVAS

INSTRUCTIONS

- 20 mins work
 - 10 mins share
 - repeat
- Begin by 'brain dumping' everything you know about the problem area without accuracy – this is about understanding where you are as a team.
- Start with the most obvious things, and think about your own lived experience.
- When you have a draft 'brain dump', share across teams to get a broader baseline.
- Place key concepts/ideas around the outside of the main circle.
- Then make connections across these concepts to reveal new relationships.

Prompt: What do we know about this topic / domain?



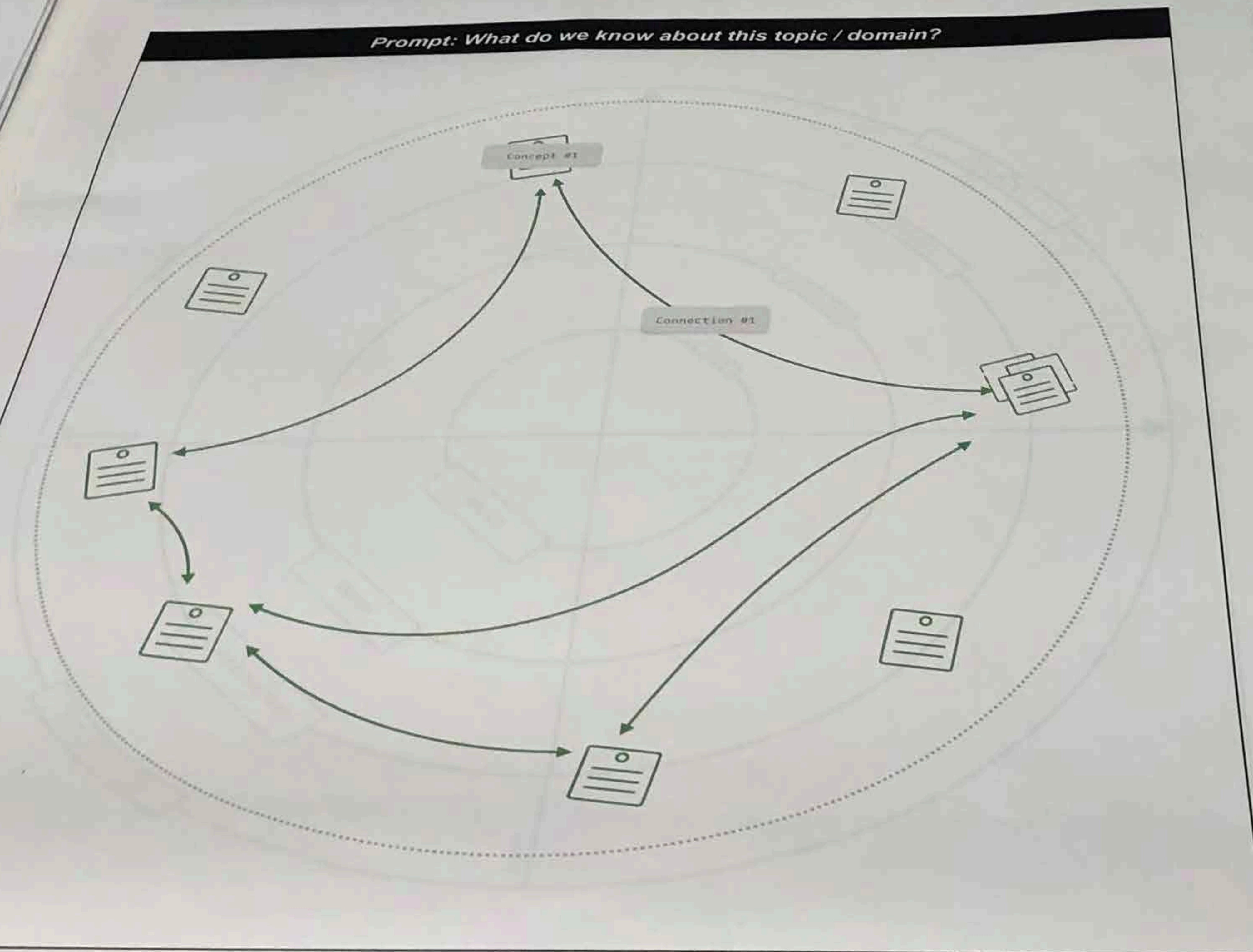
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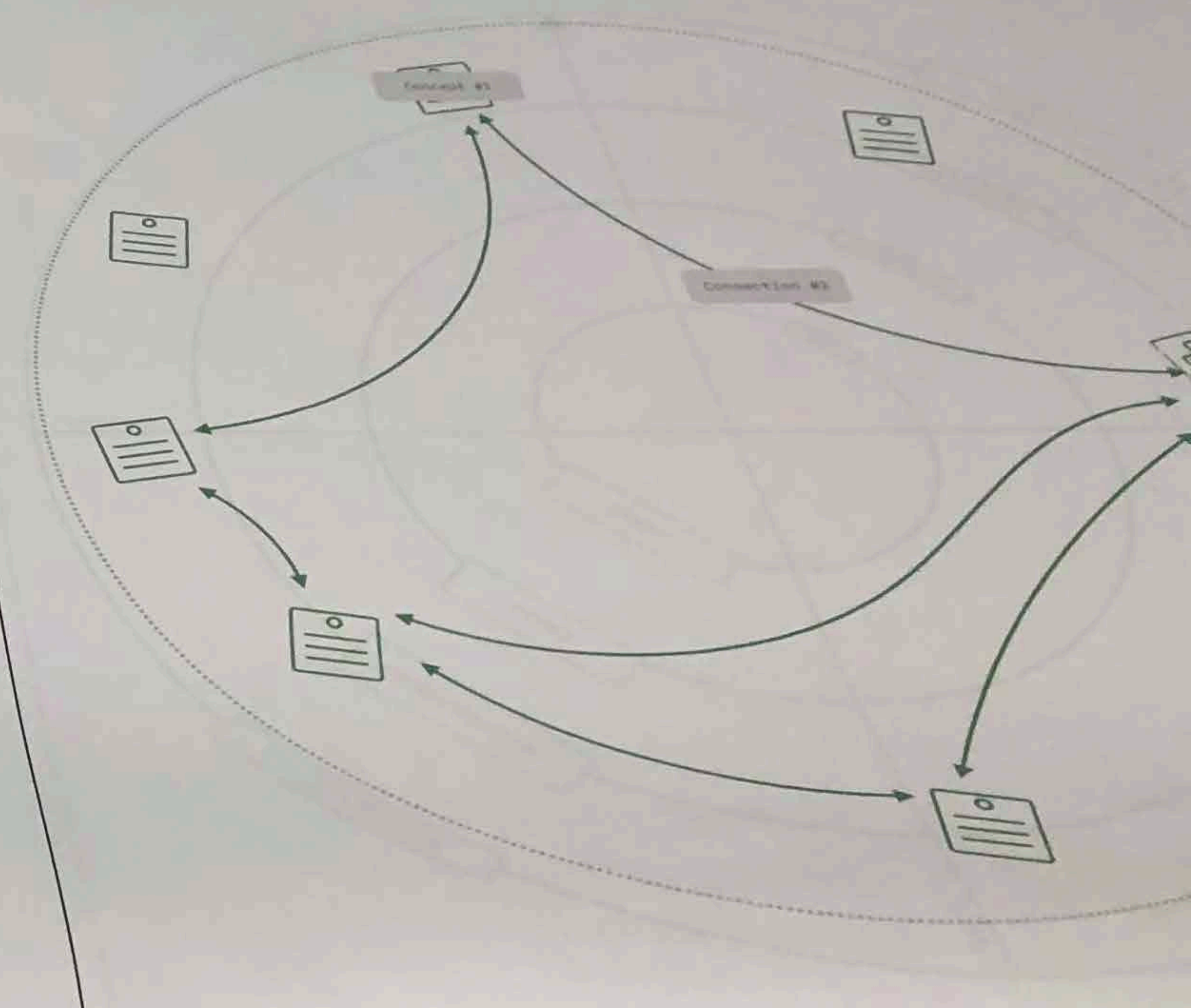
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Prompt: What do we know about this topic / domain?



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Pirave

SOPHIE

CONCEPT
POSITIONS MAP

Handwritten notes on sticky notes (pink and yellow) arranged in a circular diagram on a large sheet of paper.

Handwritten notes on sticky notes (pink, orange, and teal) arranged in a cluster on a large sheet of paper.

Handwritten notes in a notebook:

Small Farming - 80% of agriculture
like growing
market gardening & cereal crops.
£15,000 for each new farmer to protect
water scarcity & quality









CONCEPT & CONNECTIONS MAP

Prompt: What do we know about this topic? (Lesson)

CONCEPT & CONNECTIONS MAP

Food Systems
Values
Circular Economy
Challenges











CONCEPT & CONNECTIONS MAP

CANVAS

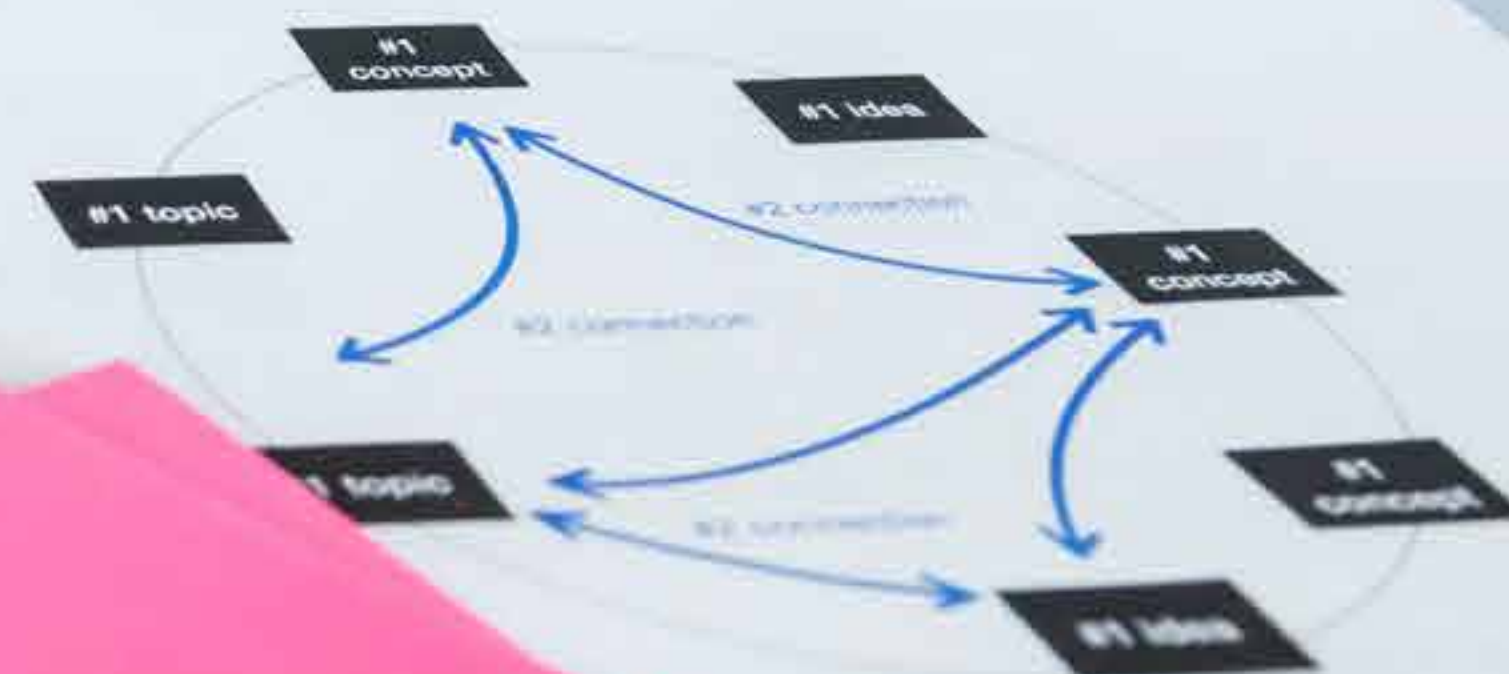
INSTRUCTIONS

- Begin by 'brain dumping' everything you know about the problem area.
- Do not worry about accuracy – this is about understanding where you are starting from as a team.
- Start with the most obvious things, and think about your own lived experience.
- When you have a draft 'brain dump', share across teams to get a broader baseline.

Place key concepts/ideas around the outside of the main circle.
Then make connections across these concepts to reveal new relationships.

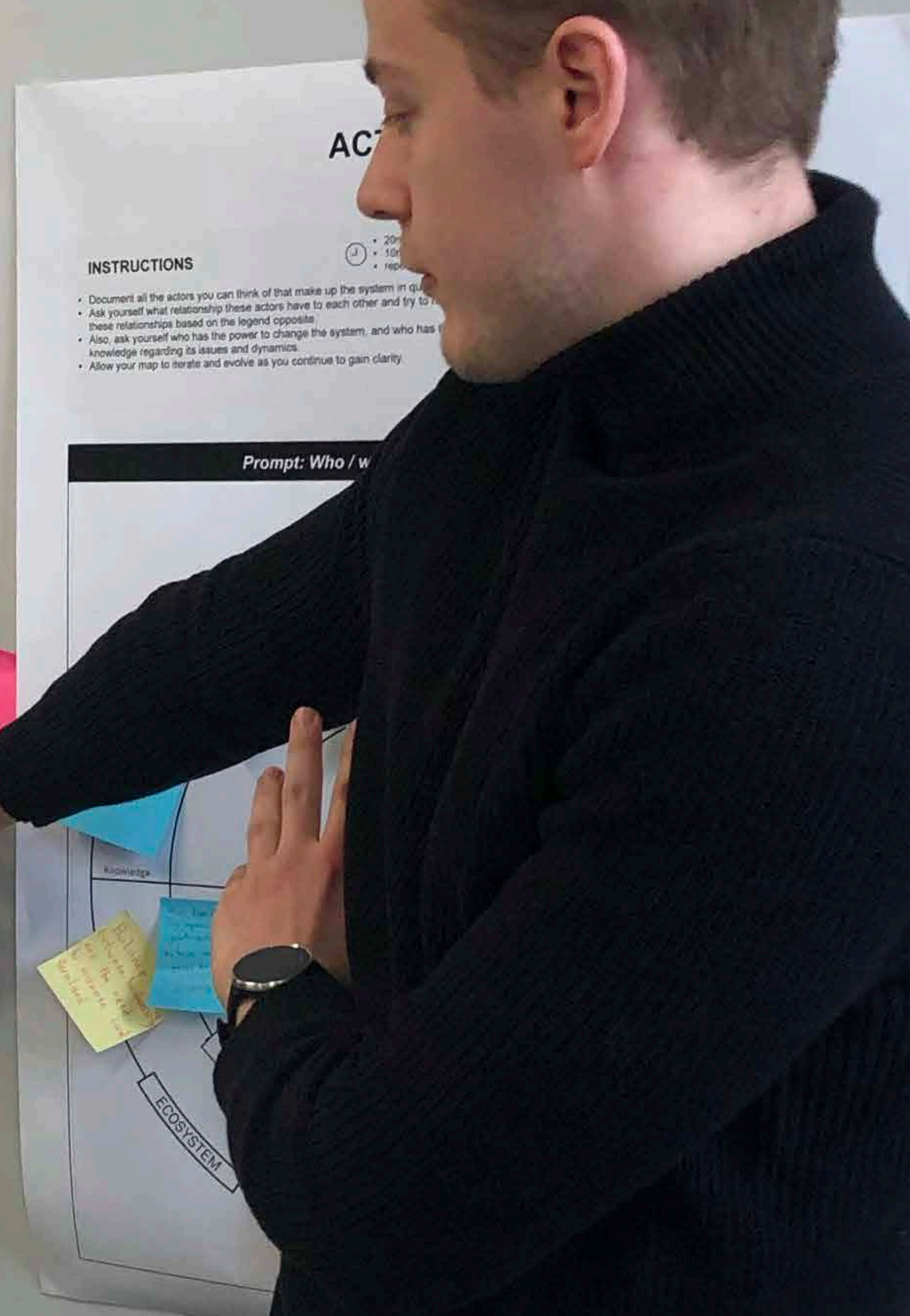


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Prompt: What do we know about the











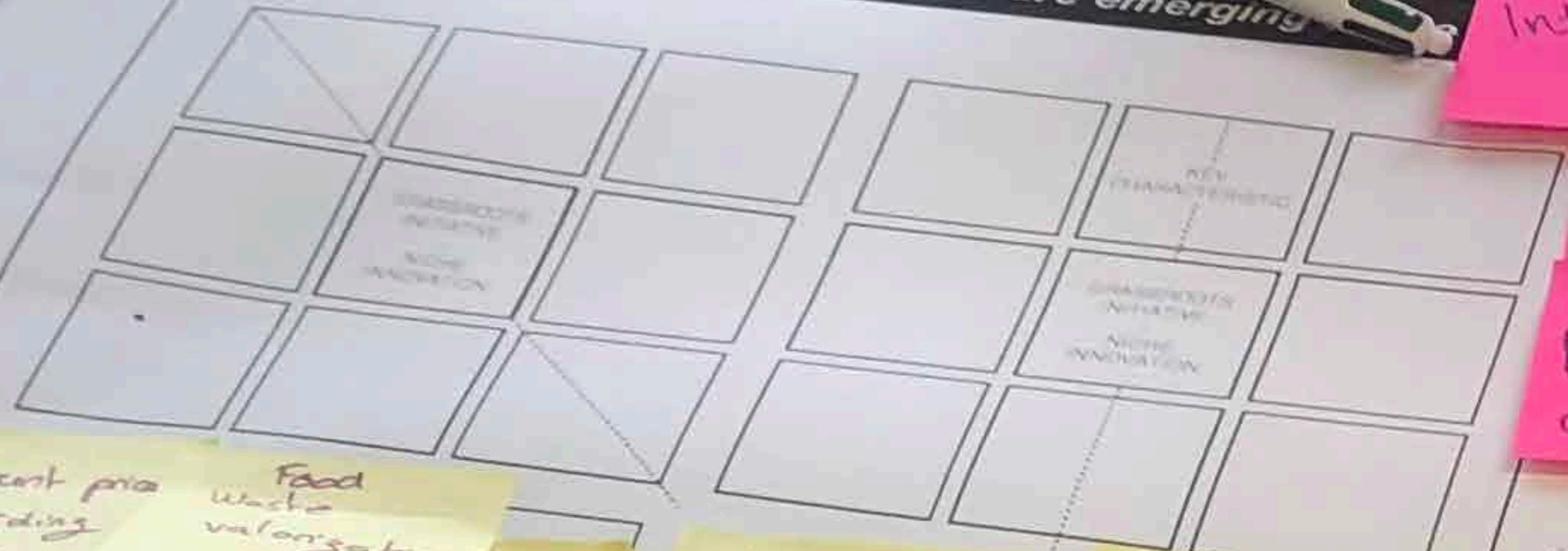




INSTRUCTIONS

- Research a variety of interesting 'niche' innovations that are taking place in your system of interest
- Start on the outside of the worksheet first, working inwards
- Map down these initiatives, and their key characteristics, with a focus on what they're doing that might impact the system
- Choose the main thing each initiative is doing and place these in the centre
- This is the emerging DNA of the new system

Prompt: What new changes/ideas are emerging



Integration

must

Non-profit

Social Aspect

Food, pleasure

Culture

Education about organisation

do auke

Learning about Food

Inclusion of Nationalities

Being recognised

Integration

Rehabilitation

Food as a vehicle for other things

New business information/culture transparency

Works very knowledgeable about origins of ingredients

Gaufrres

Small, independent bicycle businesses

Links based on trust and not labels

Low emission business

Pays staff very well for a small business

Impact

Membership system

Non Profit

Formal work

Jordan

Social Food Project

Mainly public funded

Mark by RR

Soc

Agn

Pre

40 FACTS TRUE TODAY

ways could things char

Local networks

ASPECT

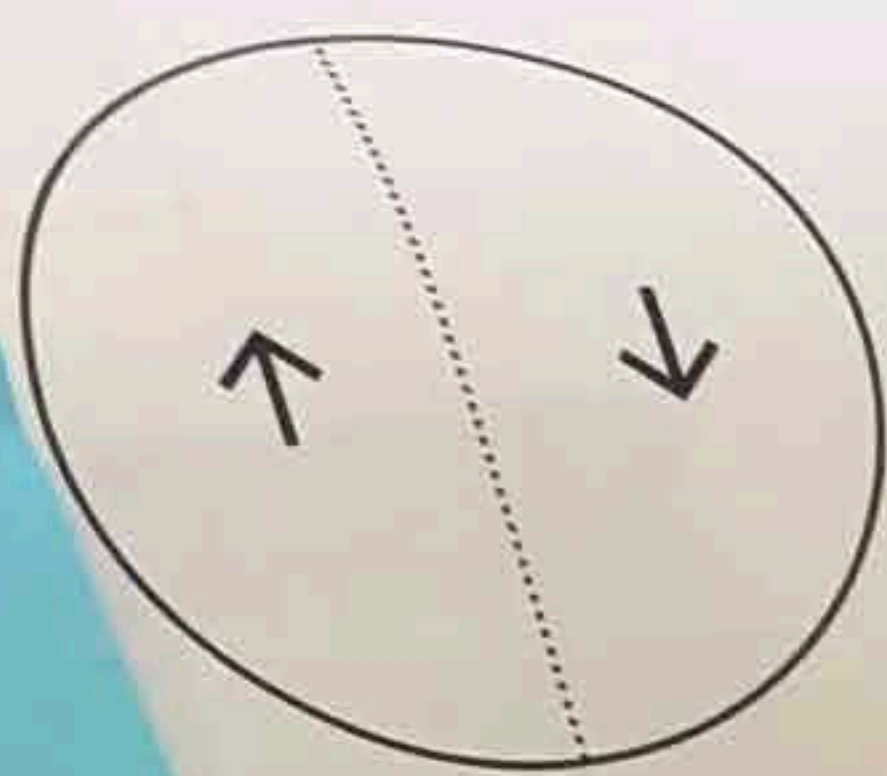
NICHE DISCOVERY

MCGONIGAL'S 100 WAYS CANVAS

INSTRUCTIONS

- Identify a core domain or area
- Ideate facts/truths that describe the present reality (don't self-censor / edit yet)
- Be divergent and saturate as broadly as possible
- Now turn these facts upside down and reverse them
- Generate as many seemingly impossible or unthinkable facts of the future
- Choose 2-3 standout facts and explore them
- Why did this change happen? How does it feel to live with these changes?

- 30 mins work
- 30 mins work
- 25mins share
- 10mins share



WASTE

What may stay the same?

Prompt

trash cans outside

Bioplastic is not always compostable

Not wanted things end up in trash

Trash bags are made from plastic

Not all things can be recycled

A lot of food waste from schools

Supports Women

Pays her employee well

Too much waste

Trash barge exists

People don't know recycling rules

Sea creatures are dying from plastic

Single use consumption culture extends the problem

People know recycling rules - consistent rules - bar code recycling

No plastic in the ocean

Sea creatures are not dying from plastics

Could be too little waste?

Coral is thriving

All things can be recycled

Broken items get repaired / reused

WASTE IS EXPENSIVE

Waste is not expensive

CO2 problems are not existing

Too little waste

Edible food gets thrown away

CO2 emissions cause climate change - mental problems

Shoes are free

Plastic in ocean


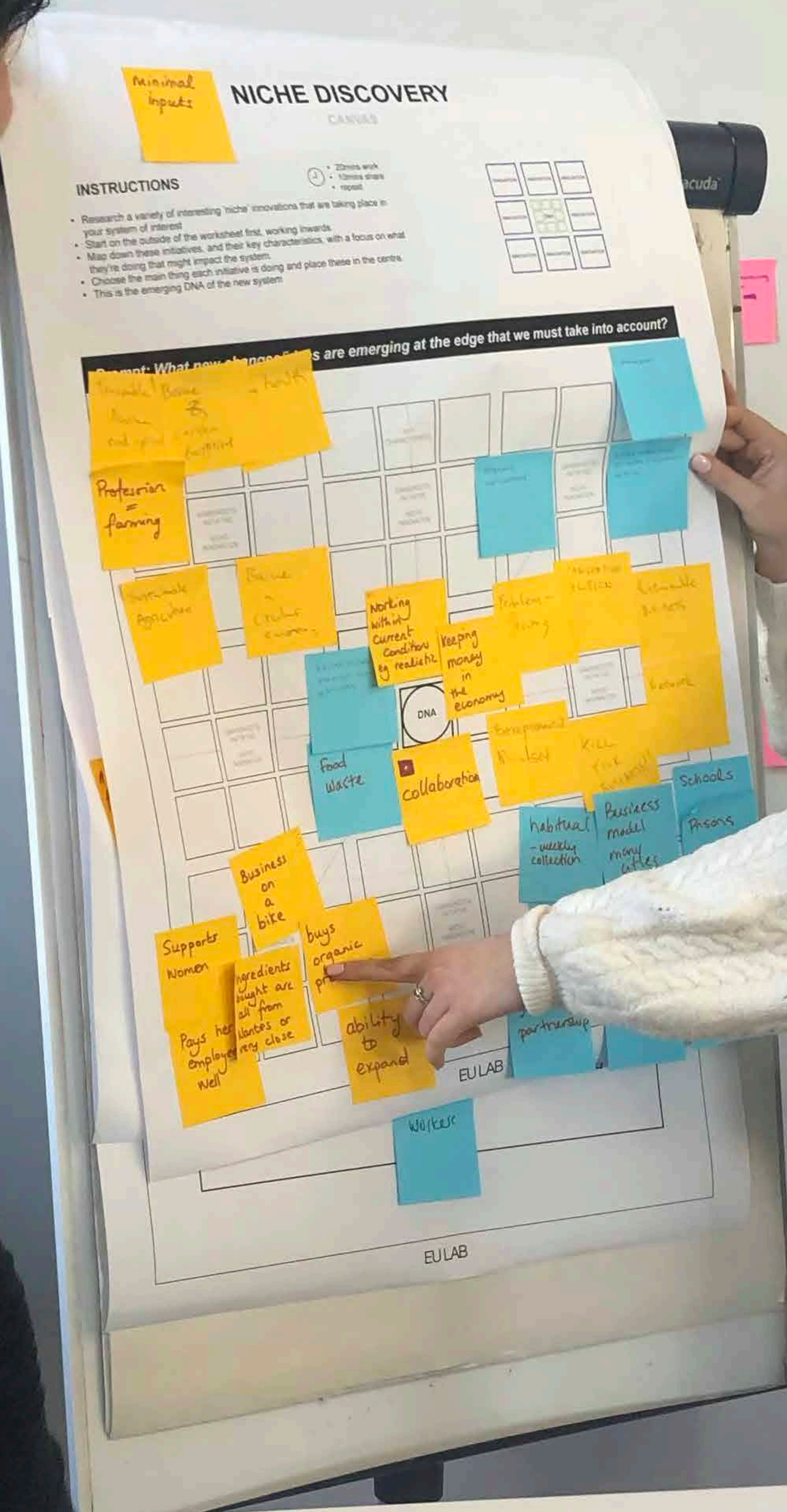
Alot of waste from counting

Energy is wasted

Coral is dying from waste

CHOOSE 2-3 WHERE THE SHIFT IS MOST OBVIOUS/STARK

EULAB



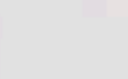
What are
relationships
and systems?

How do losing
workers be
heist + re
laxation?

Are organizations
willing to bet
work and
collaborate?

How effective
are the
chains?

Supplies
-
Supplies



Handwritten text on a yellow sticky note:

Handwritten text on a yellow sticky note:



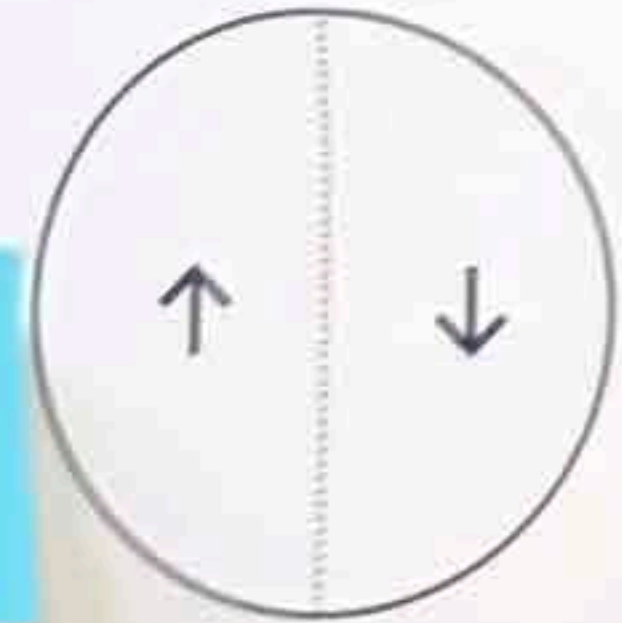
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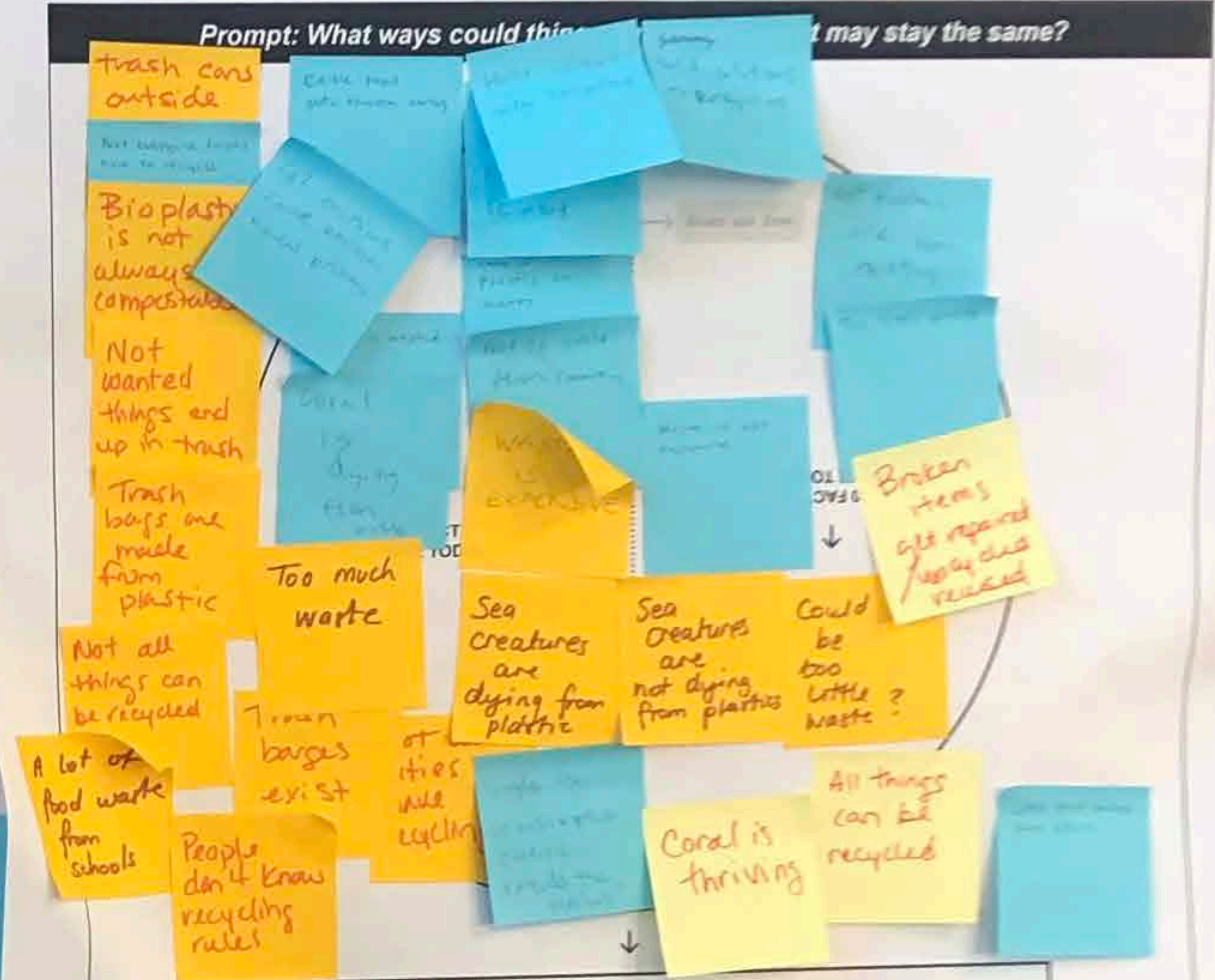
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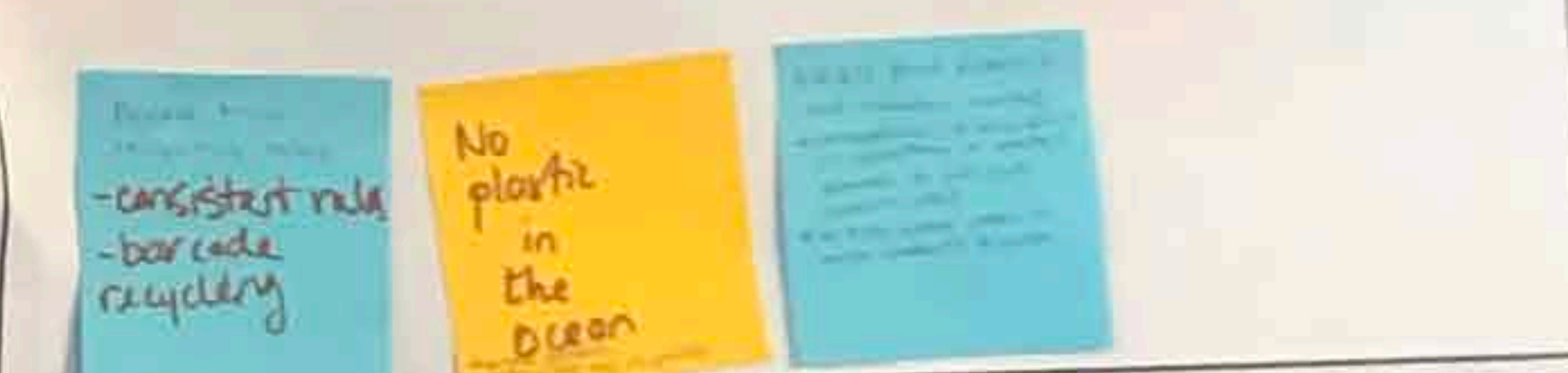
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 - Now turn these facts upside down and reverse them
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Prompt: What ways could this... may stay the same?

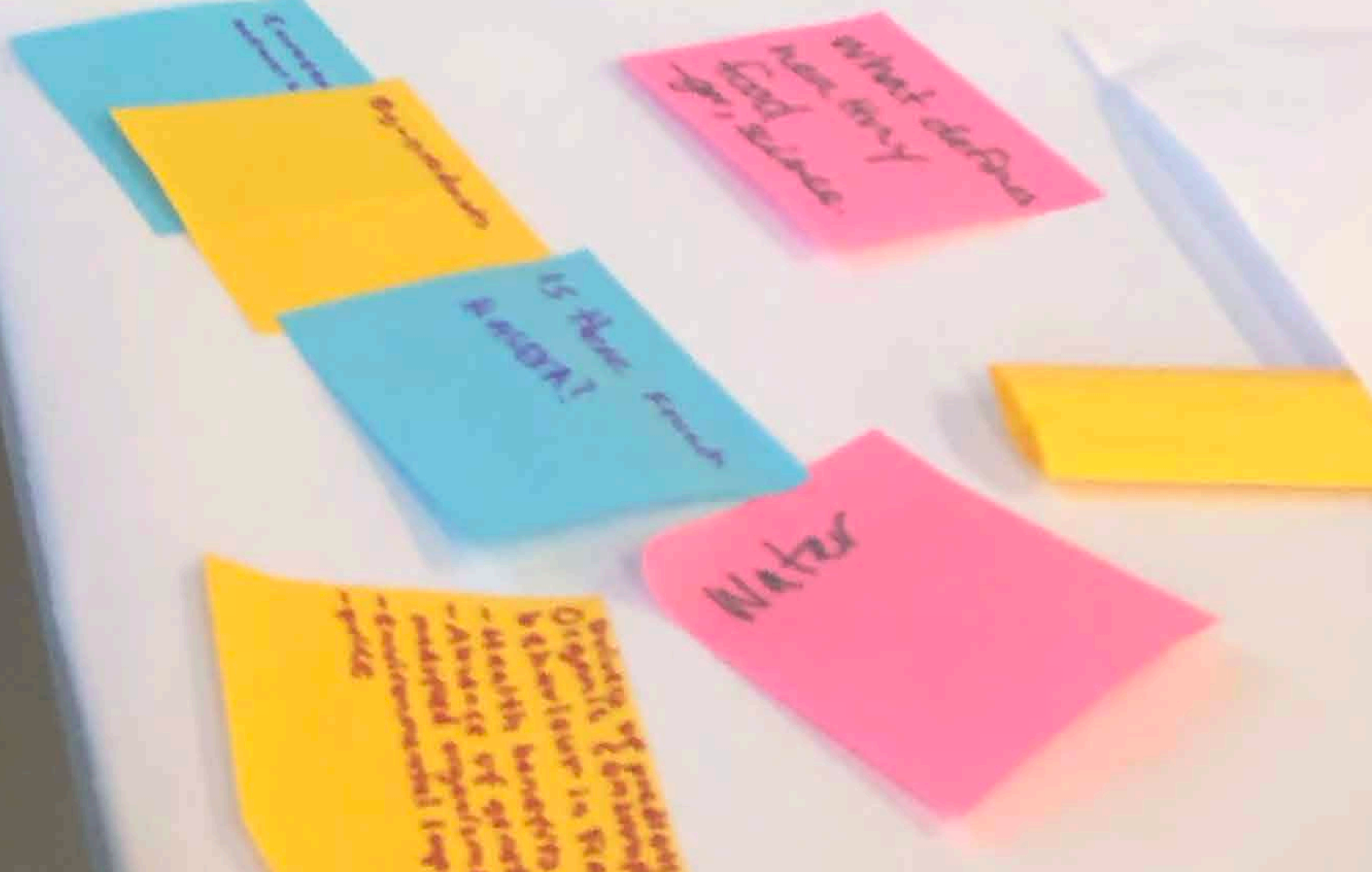


CHOOSE 2-3 WHERE THE SHIFT IS MOST OBVIOUS/STARK



EULAB

EULAB







CANVAS

- 20mins work
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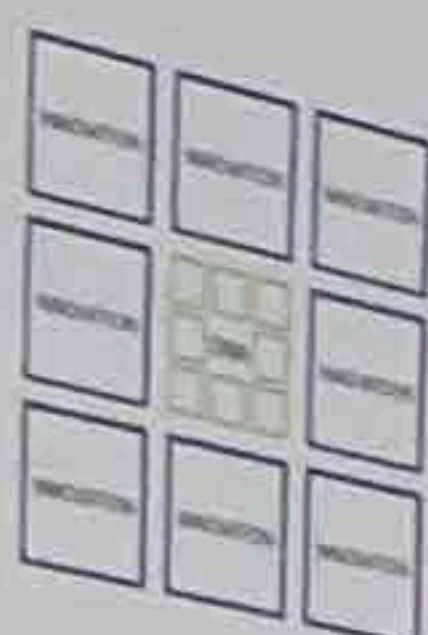
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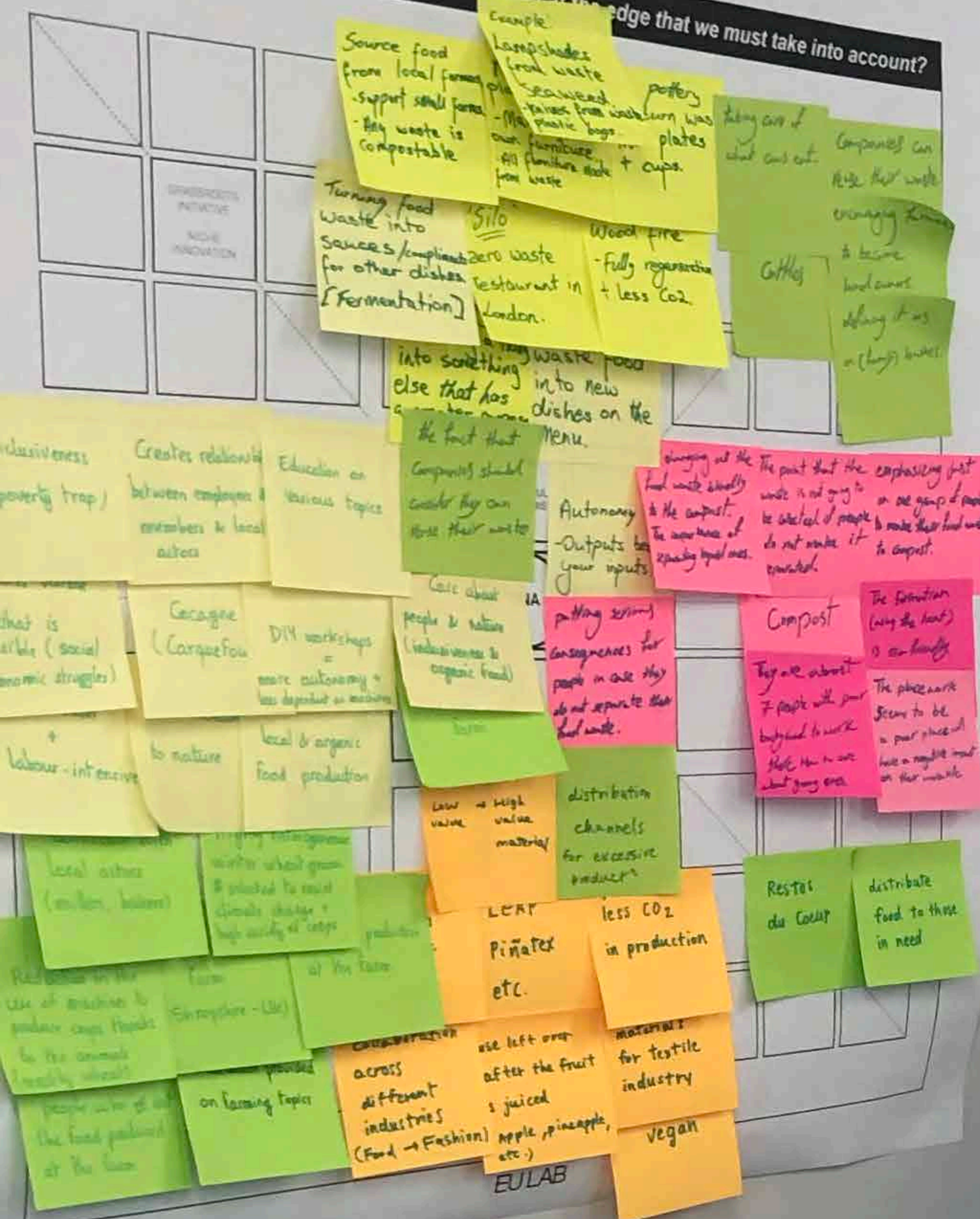
This is the emerging DNA of the new system

- 20mins work
- 10mins share
- repeat



Prompt: What new changes/ideas are emerging at the edge that we must take into account?

Example
Source food
Ever land
Landshades
Food



What Questions do you have?

BIO DEVELOPMENT
CANVAS

CONCEPT & CONNECTIONS MAP

CANVAS

- 20 minutes
- 15 minutes
- 10 minutes

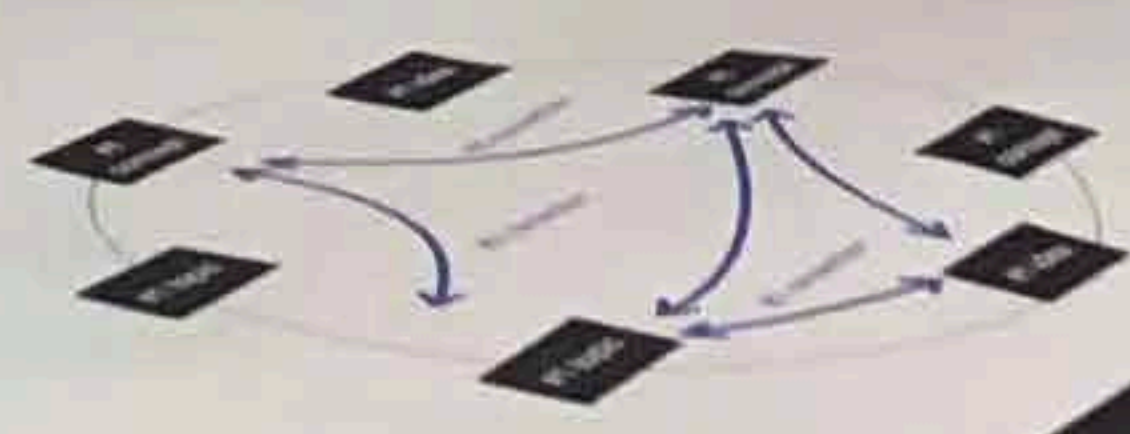
2

I know about the problem, who...
I understand what the problem is...
I know about the problem, who...
I understand what the problem is...

INSTRUCTIONS

- Begin
- Do not start with
- Start with
- When you
- Place key
- Then make

Prompt: What do we know about



Prompt: What

GROWTH
Continuation of
where we heading

Envision Alternatives

GROWTH of
reading


10

full can provide
 the same or better
 results without having
 additional cost without
 requiring additional energy
 be added up to the
 (Waterproofing)

How to define
personalised
educational plans
for each of the
students in the class?

Los Angeles is
not looking for
a new location. It is
looking for the
right location.

we should find
the best to put
can find us



1. Proa
 2. Proa
 3. Proa
 4. Proa
 5. Proa
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 98. Proa
 99. Proa
 100. Proa

- How to store bread correctly

Y & R & P & L
st at home
re compost

car

L'AGROALIAUE

L'AGRONAUTE
C'EST QUI ?



LA SAUGE
C'EST QUI ?



↓ LES ACTIVITÉS DE L'AGRONAUTE ↓

LA PÉPINIÈRE
PARTICIPATIVE

LES
ANIMATIONS

LA PROG
CULTURELLE

LES
RÉSIDENT-ES

↓ DE MOIS-OI
À L'AGRONAUTE ↓

ACCUEIL















CE MOIS-CI
L'AGRONAUTE ↓

ACCUEIL





Education with Impact

We live in unprecedented times; the climate emergency and digital transformation are testing our assumptions on how markets and society should work. EULab is an Erasmus+ funded, interdisciplinary, immersive programme developed to enable students to work on place based wicked problems. Established as a pilot concept, its aim is to transform the role of the University's ability to make impact on real challenges. We want to enable meaningful change to happen in the University for future generations to feel empowered to tackle complex challenges.