Next Steps

Next steps 2024 & into 2025

Capture of ideas

Week 2 reflection

Topics & schedule overview
Expectations, deliverables

Global community

Reflection, Growth mindset + wrap up

Captures from the week

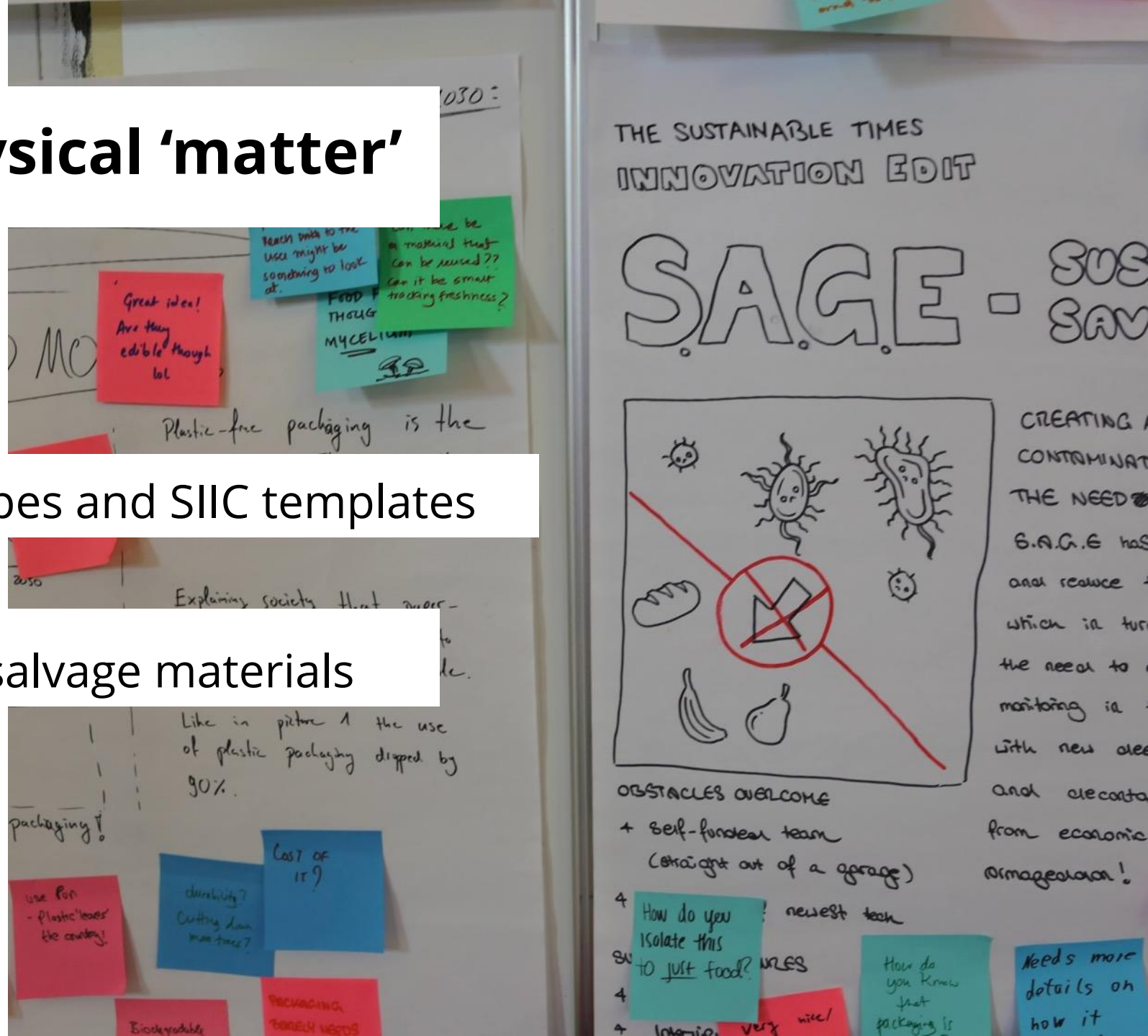
CBI A³

CBI A³ DFGN SWINBURNE UNIVERSITY OF TECHNOLOGY DESIGN FACTORY MELBOURNE CERN IdeaSquare

Take pictures of physical ‘matter’

Take photos of your prototypes and SIIC templates

Dis-assemble prototypes & salvage materials



Last I2-Survey, thank you! ☺

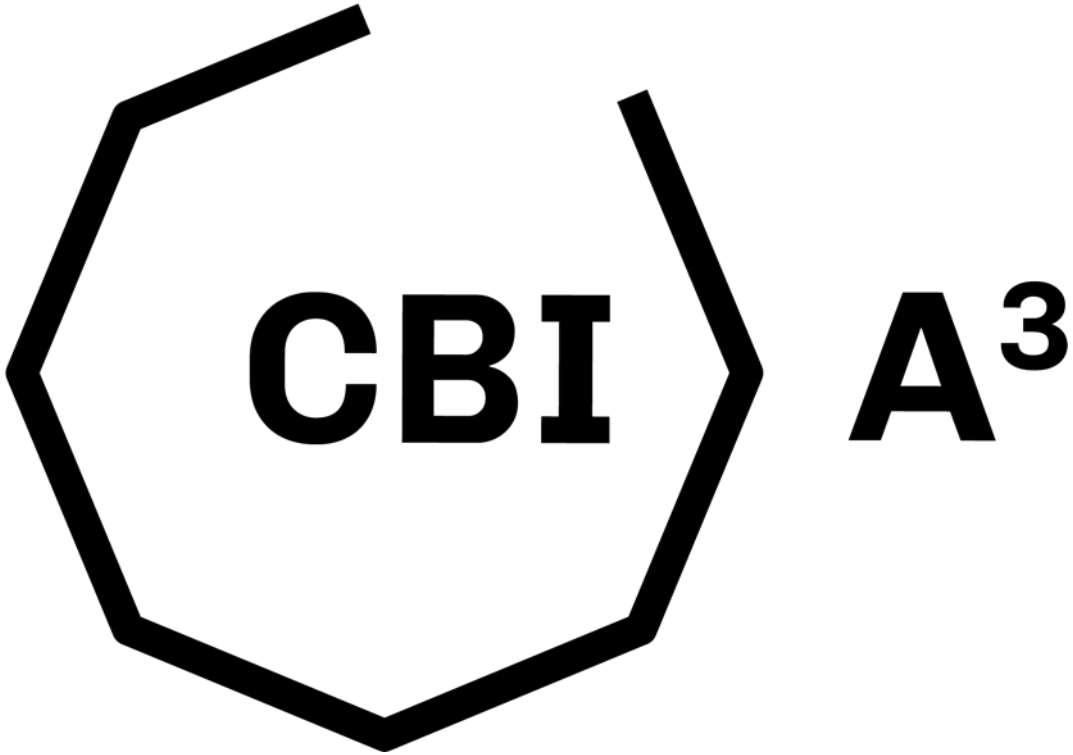
Retrospective

Think of last week and reflect on the following points.

You can consider aspects related to your teamwork, the narrative provided, the timeframe given, facilitation by coaches, schedule, etc…

15 min

Your webpage: R&I folio



Research & Idea Development Folio

Update your team's page!

Team intro video, bio, photos

Phase 1 Folio Entries

~~Entry 1: Introduction - Due by 13th October 2024~~

~~Entry 2: Local Opportunity Areas - Due by 3rd November 2024~~

Entry 3: CERN Intensive & Radical Ideas - Due by 1st December 2024

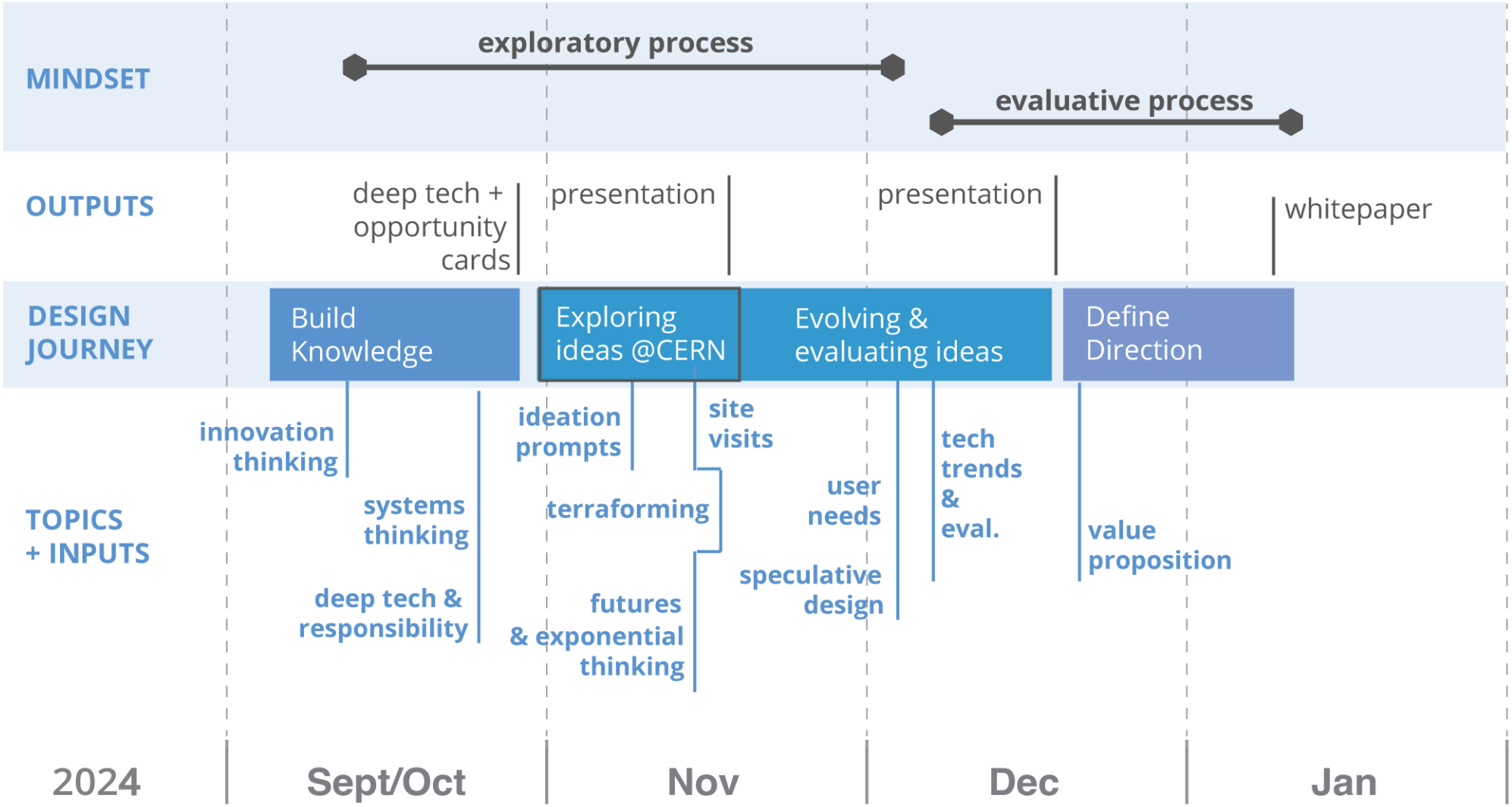
Entry 4: Evaluation & Project Direction - Due by 26th January 2025

ing deep technology to address
the United Nations Sustainable

Phase 1

CBI A³

Phase 1 Framework

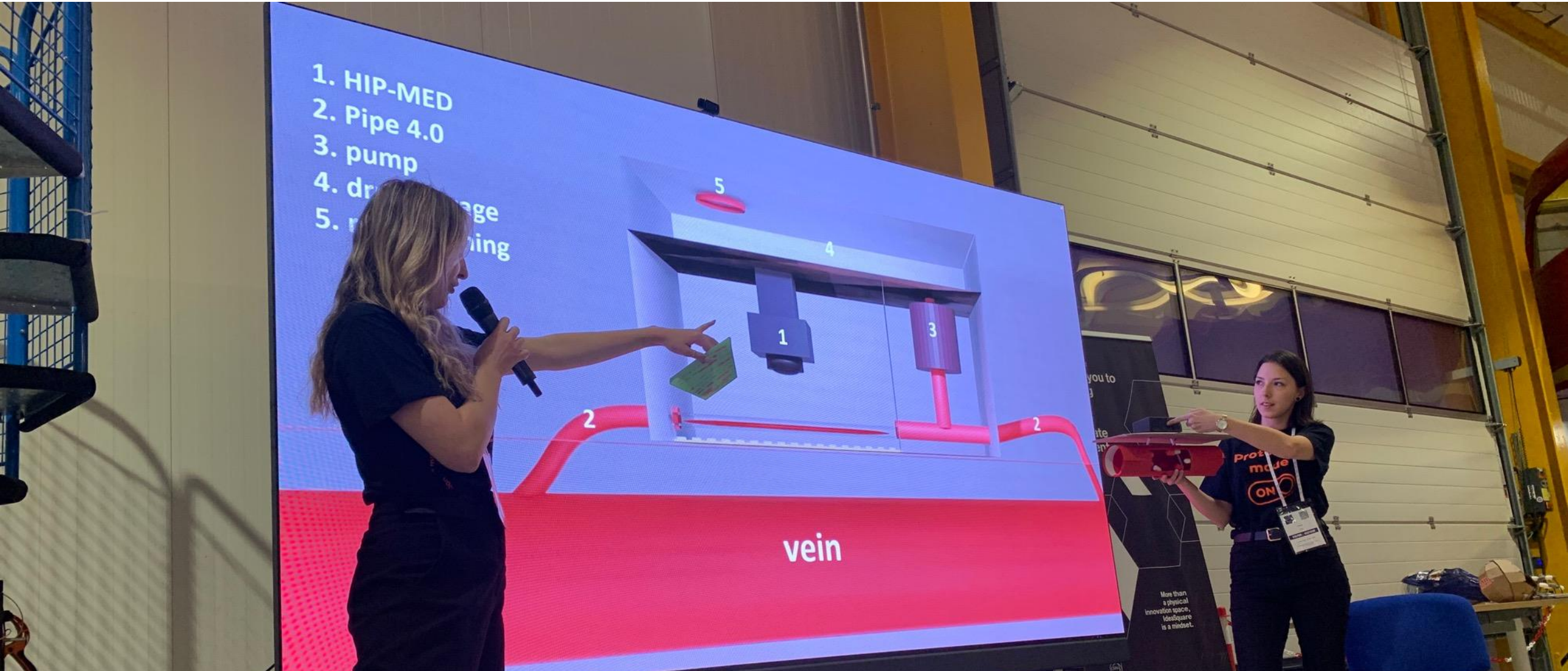


Phase 1 outcomes: final deliverables

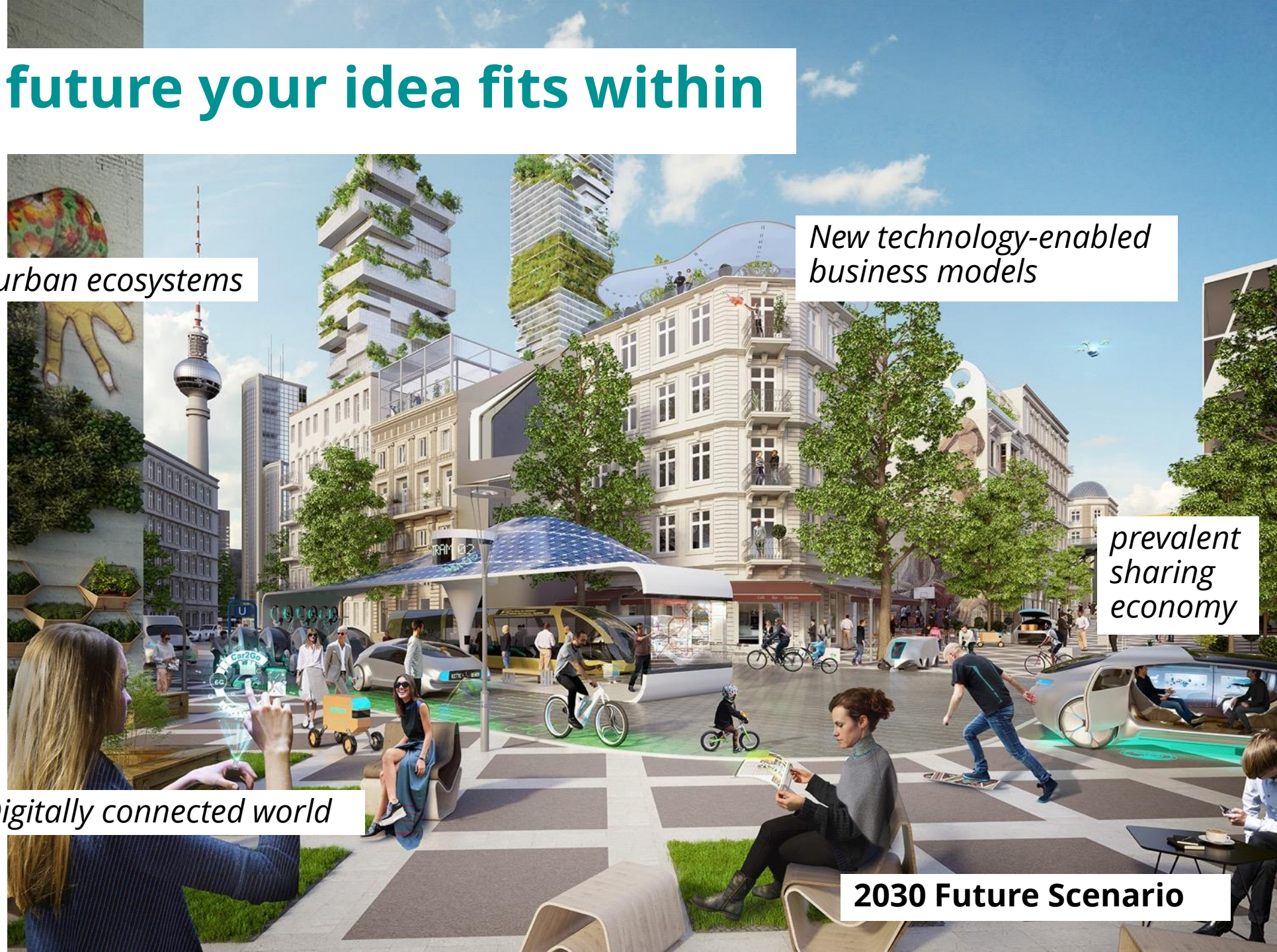
1. **Presentation – problem space + solution space (via idea concept)**
2. **Report – whitepaper**

1. Presentation

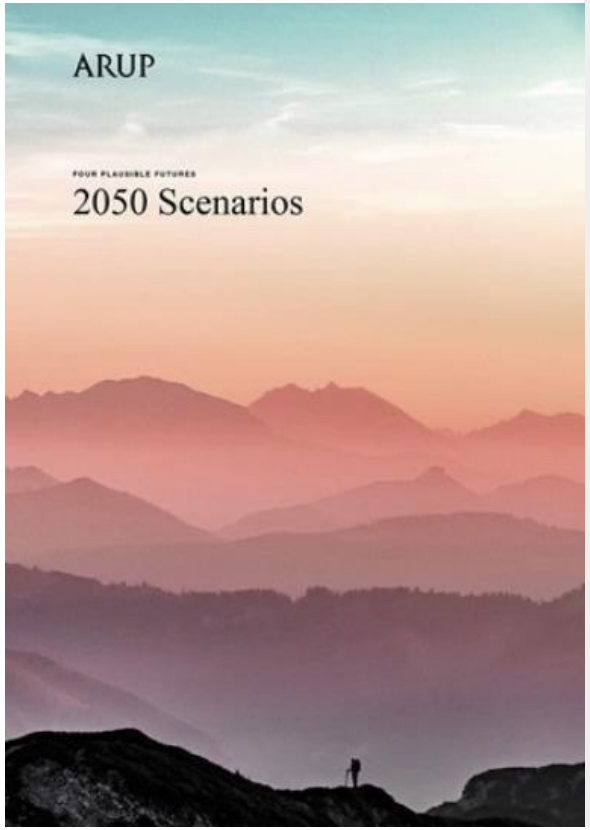
problem + solution spaces defined **+ 2050 scenario**

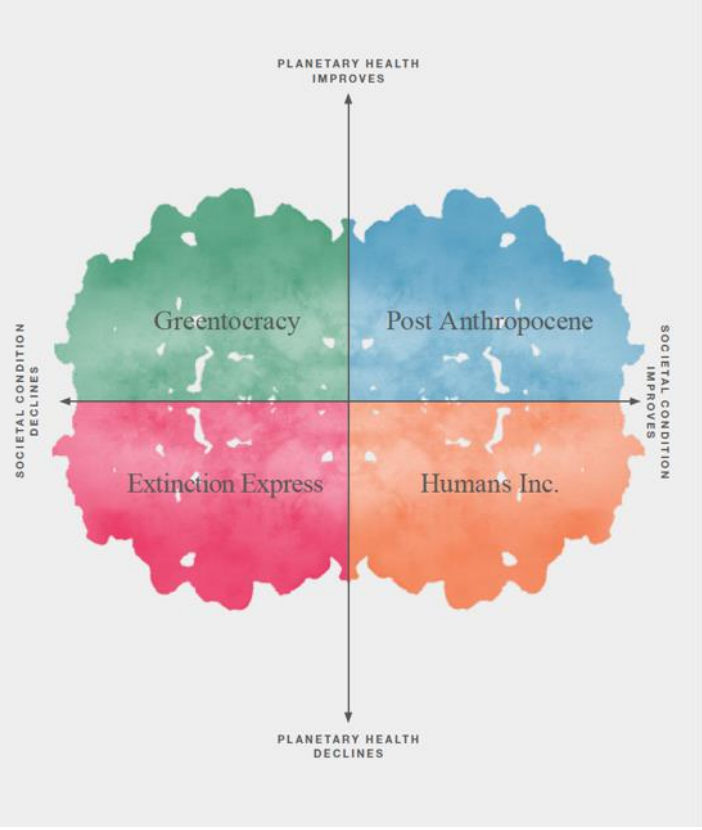


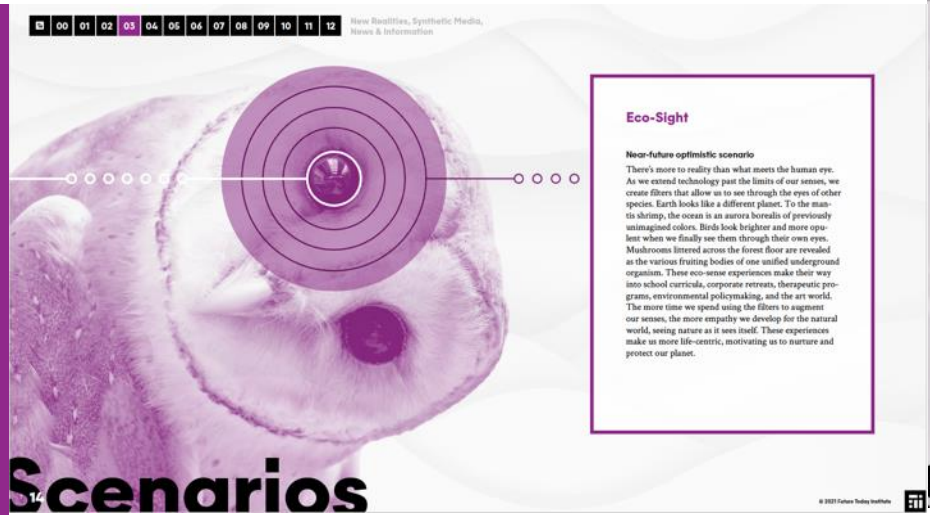
e.g. the 2050 future your idea fits within



Inspired by & referencing others futures work..

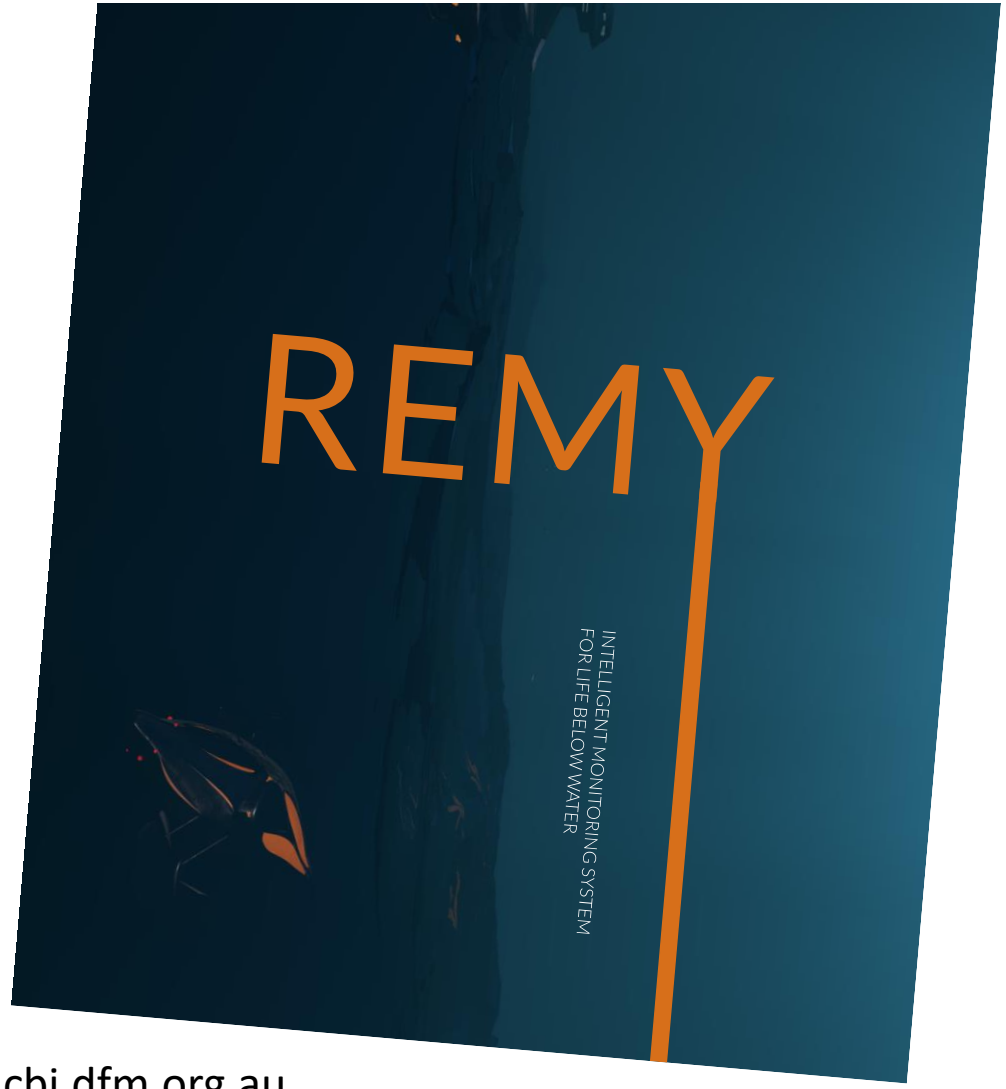






2. Whitepaper

Plain English, short + visually descriptive format

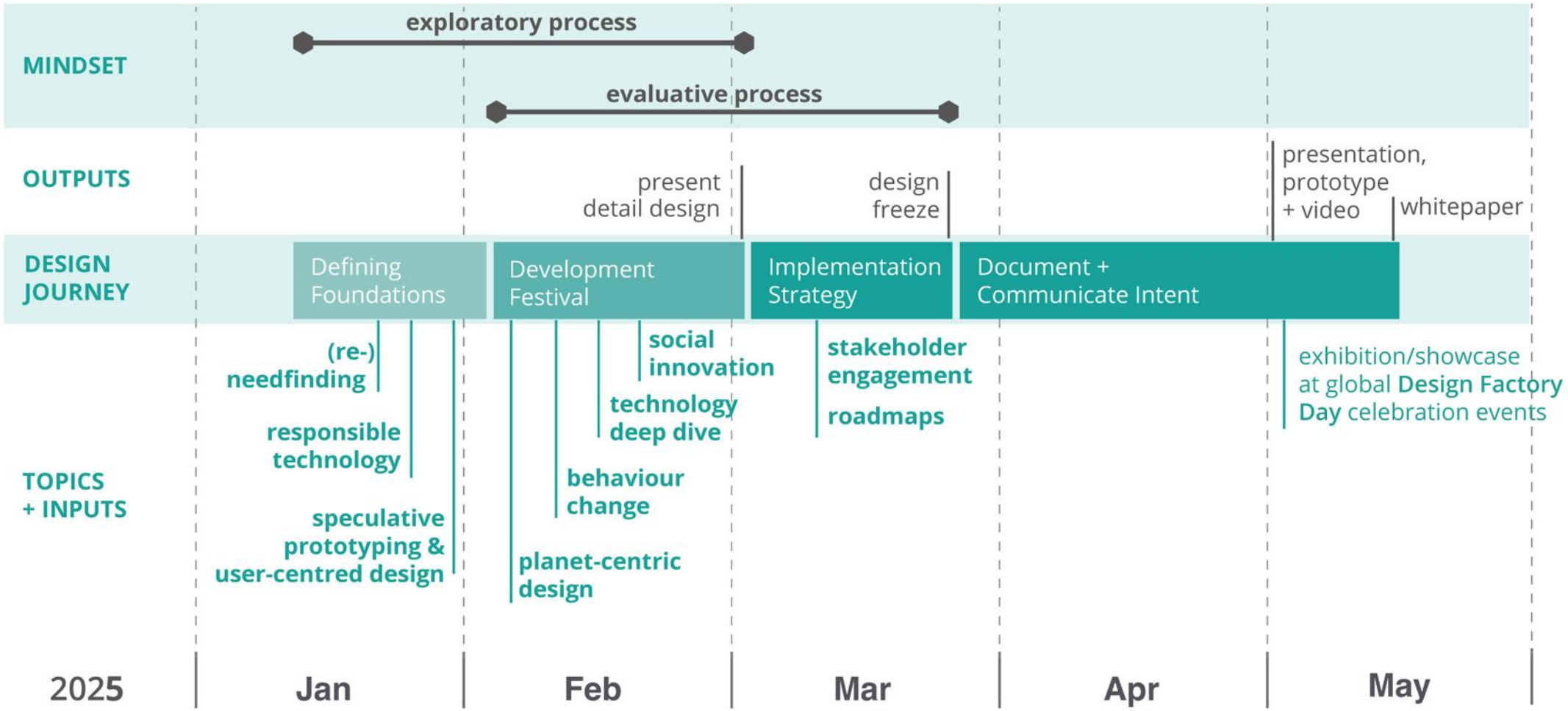


More online at cbi.dfm.org.au

Phase 2 Preview

A³

Phase 2
Framework (indicator)



Phase 2 outcomes: final deliverables

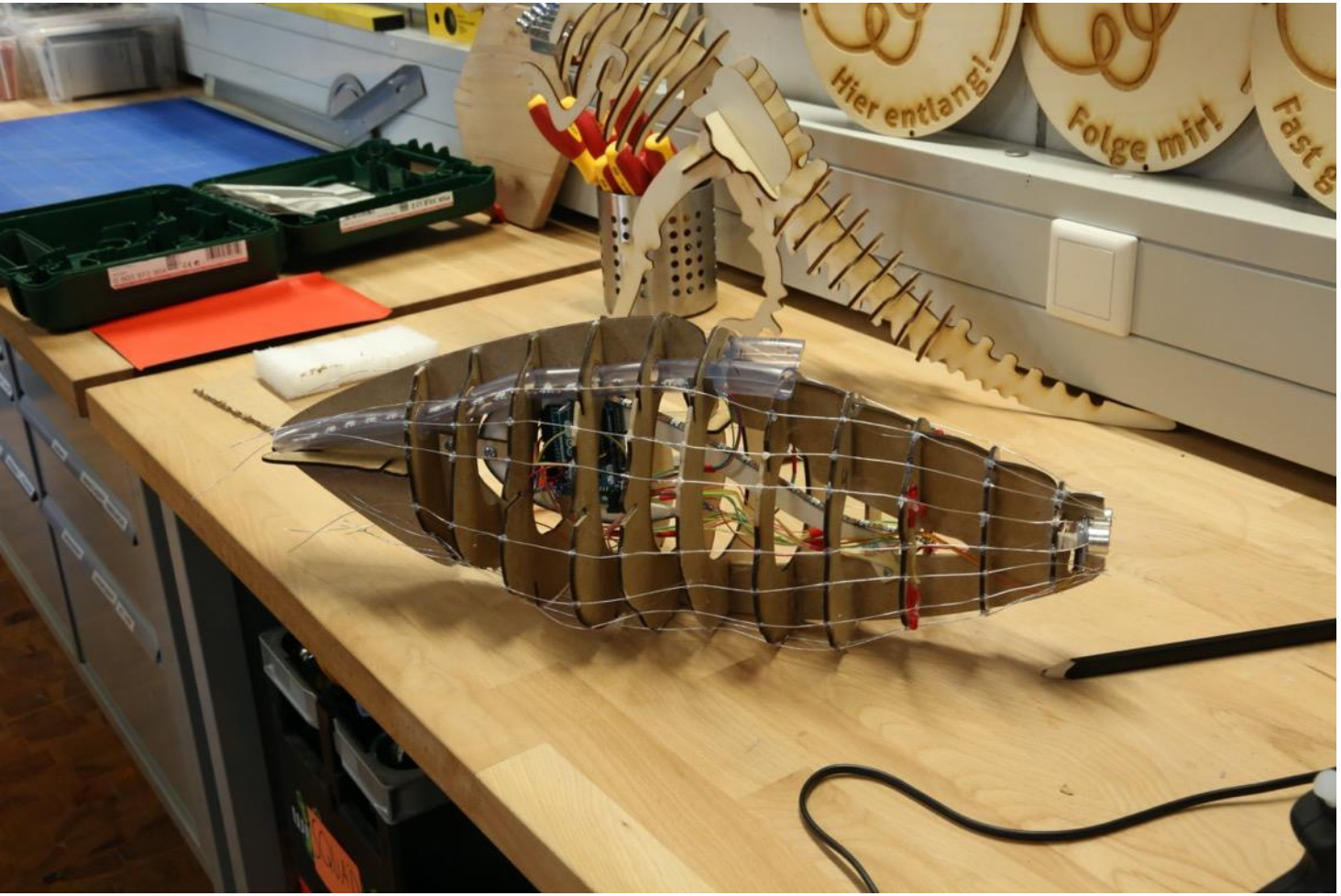
1. **Prototype that demonstrates design intent/proof of concept**
2. **Video – stand alone summary of design & value**
3. **Report – final whitepaper**
4. **Poster – project + team**

1. Prototype examples - past CBI A^3

Team Ekopais, *Wobot* 2022

1. Prototype examples - past CBI A^3

Team Quata, *Remy* 2019



Team Dasein, *Metaflora* 2018

1. Prototype examples

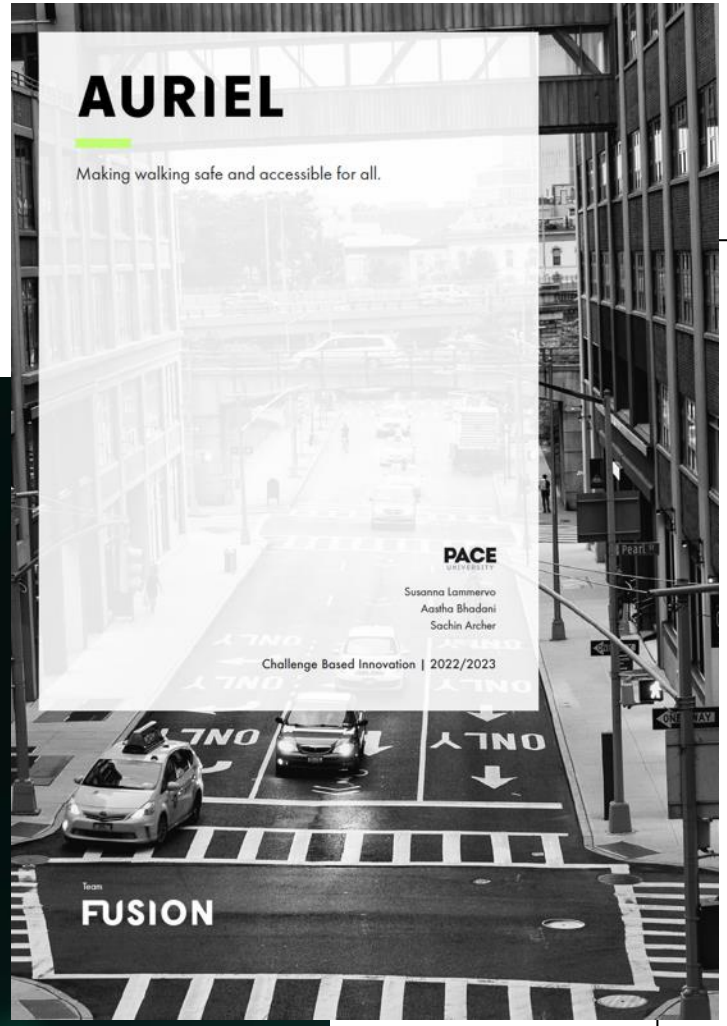
1. Prototype examples

2. Video examples

https://www.youtube.com/watch?v=s4g4ckx4gsE

2. Video examples

3. Report – white paper



More online at cbi.dfm.org.au

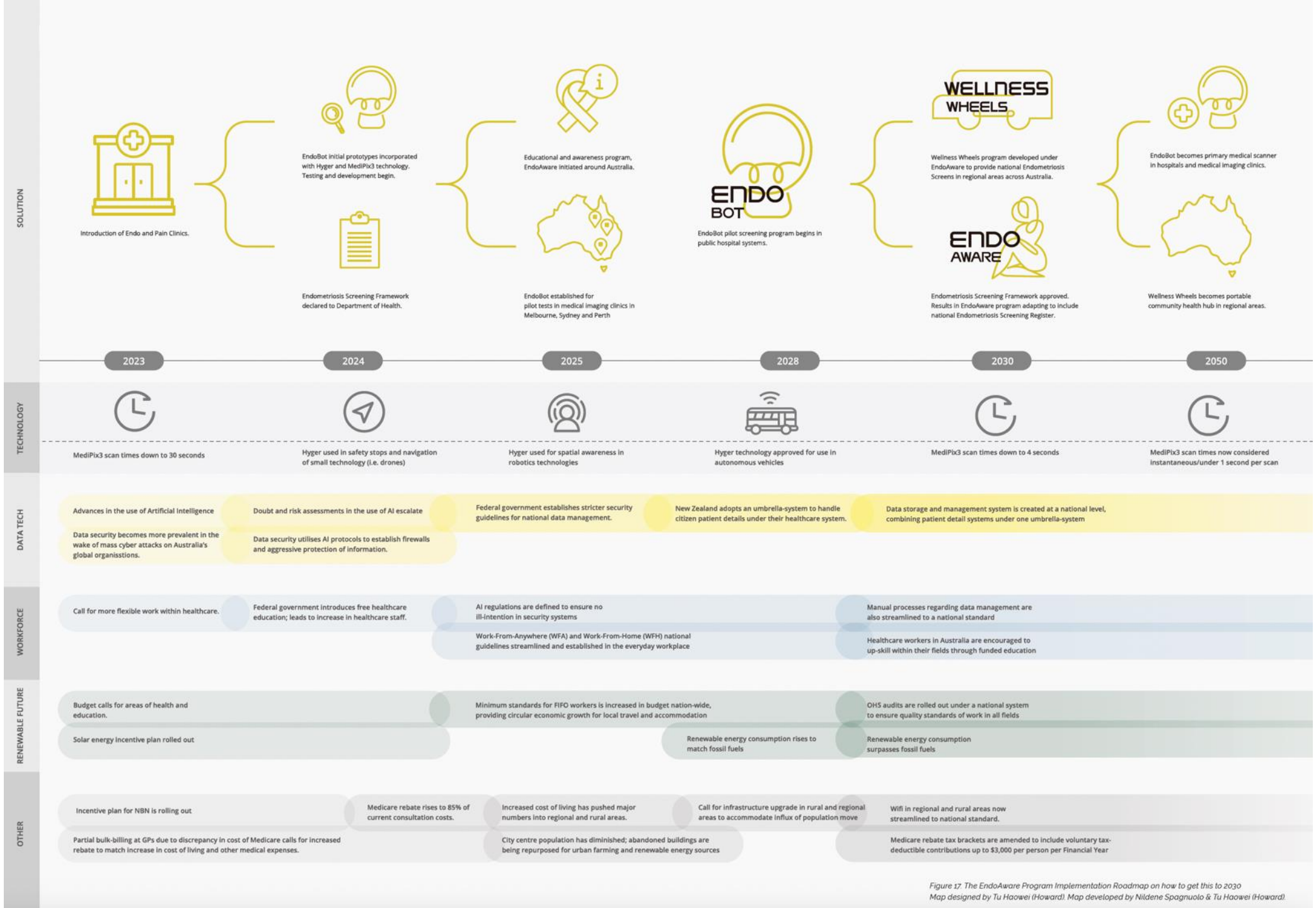
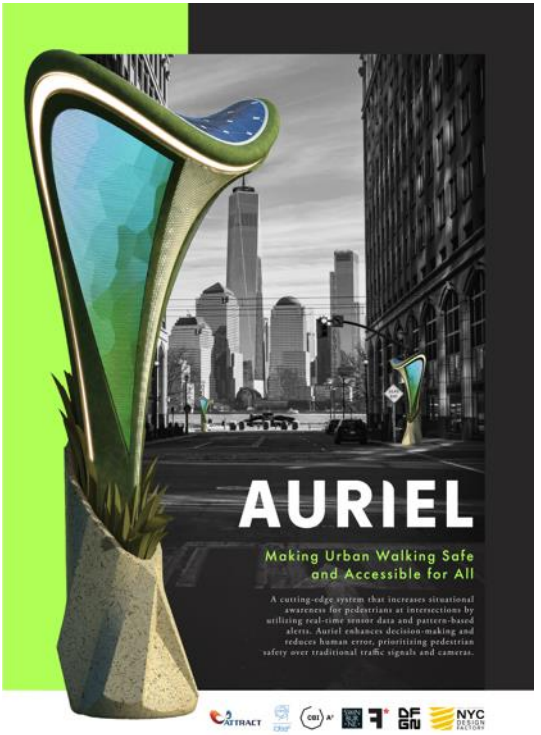


Figure 17. The EndoAware Program Implementation Roadmap on how to get this to 2030
Map designed by Tu Haowei (Howard). Map developed by Nildene Spagnuolo & Tu Haowei (Howard).

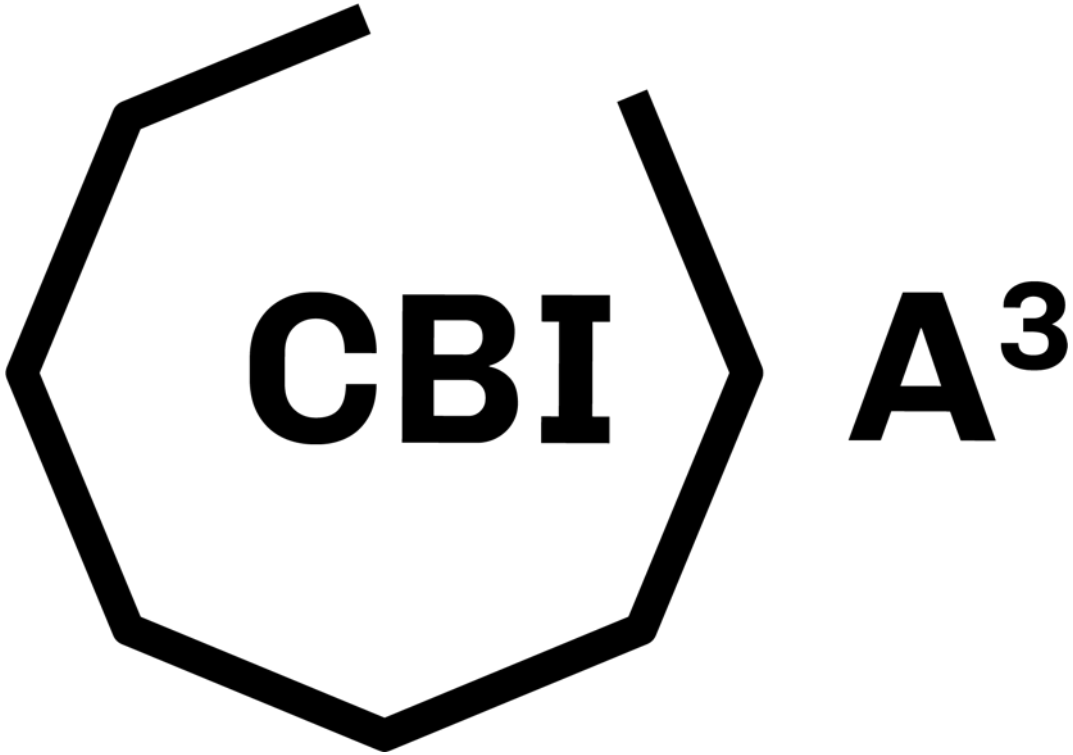
4. Posters

Project poster

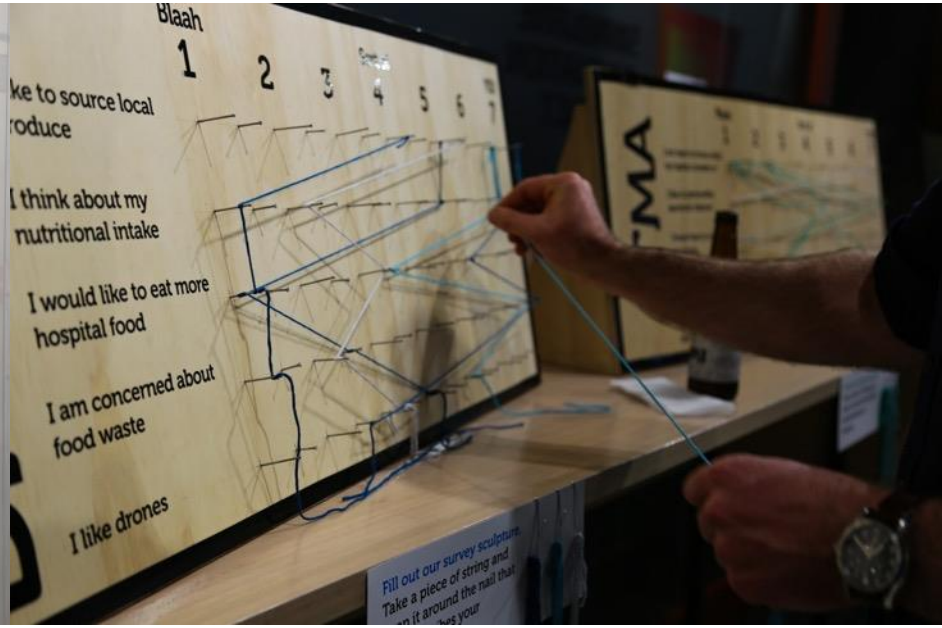
Team poster



Showcases



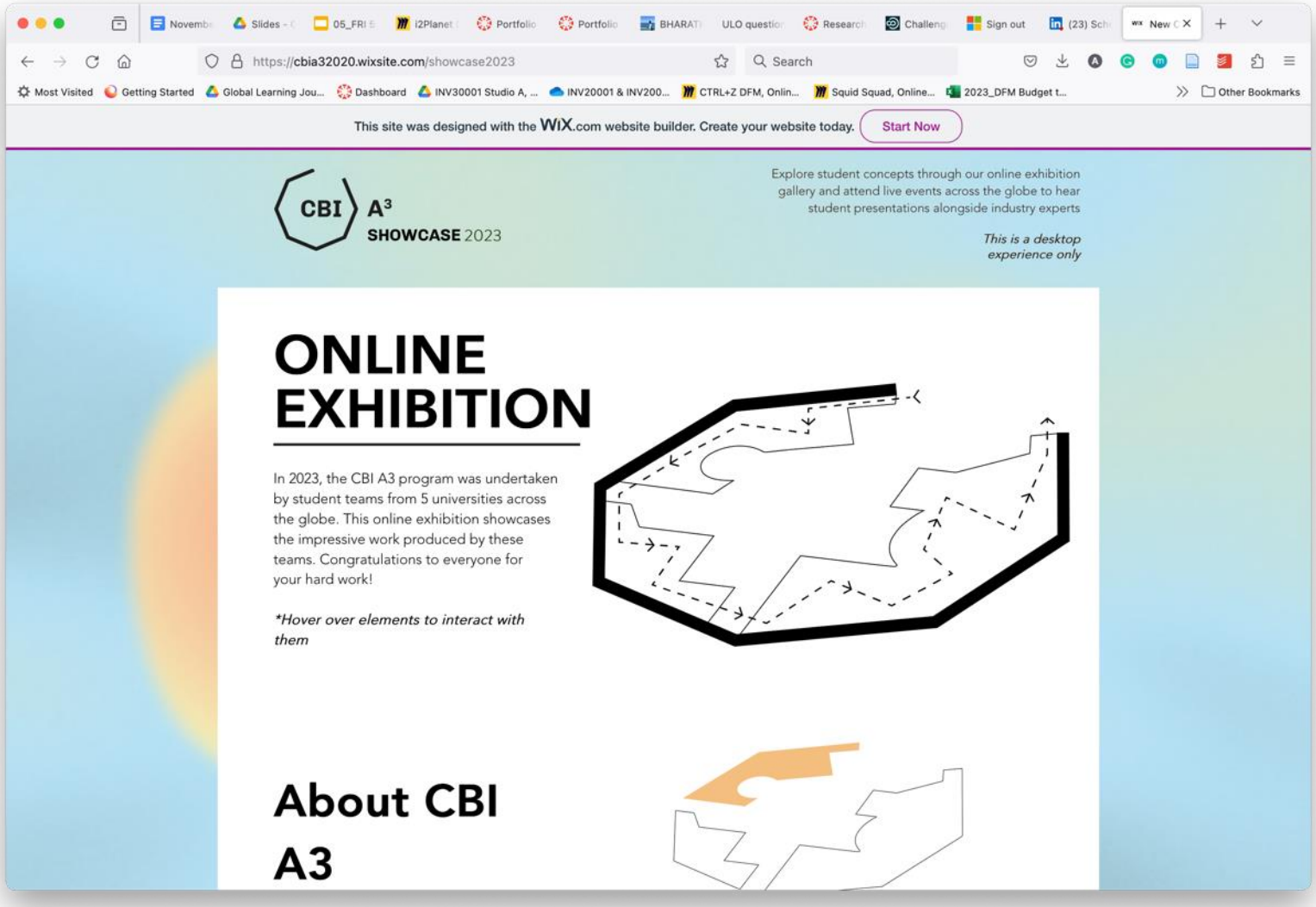
Showcase your work in early May 2025



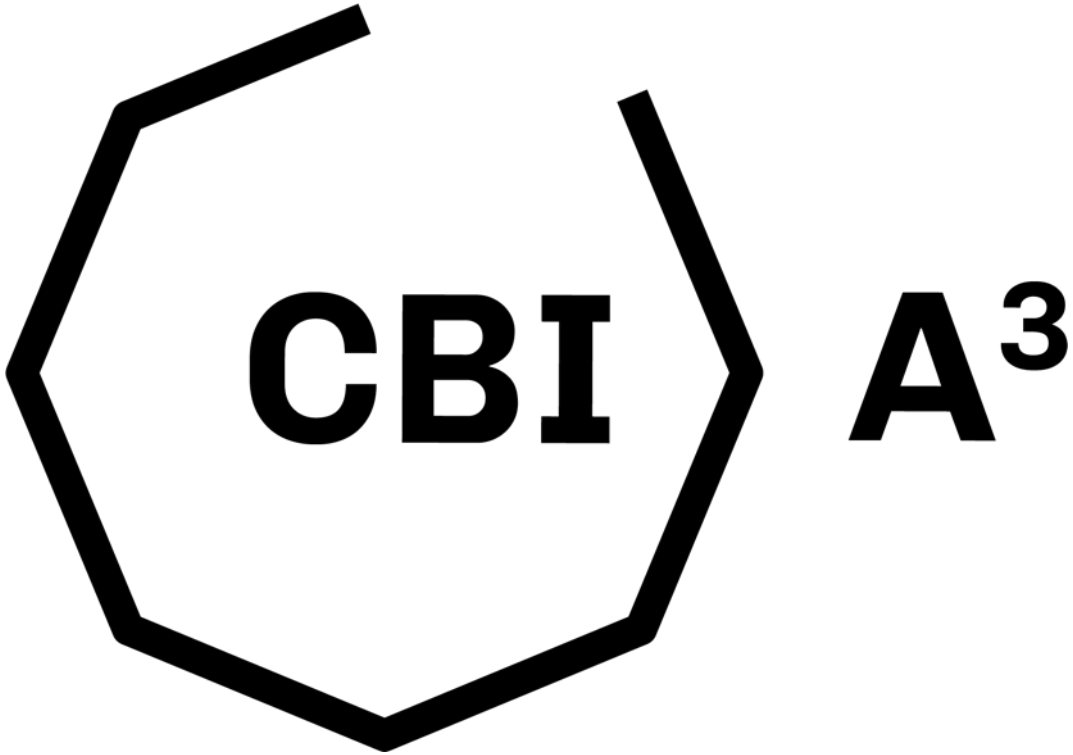
Online showcase

CBI A³ **SHOWCASE** 2023

https://cbia32020.wixsite.com/showcase2023



Staying connected: community



Rotating Buddy Teams!

Buddy system

To keep the engagement, generate inspiration, constructive feedback and accelerate the exchange of ideas.

Buddy system

Pre-Xmas check-up: 09th - 13th of Dec

1st check-up of 2025: 13th - 17th of Jan

Keep it going from then on!

How is it going to work?

Team Swin Serpents ⟷ Team Nexus ⟷ Team FANNI

Team Mosaic ⟷ Team Proton Pioneers

How is it going to work?

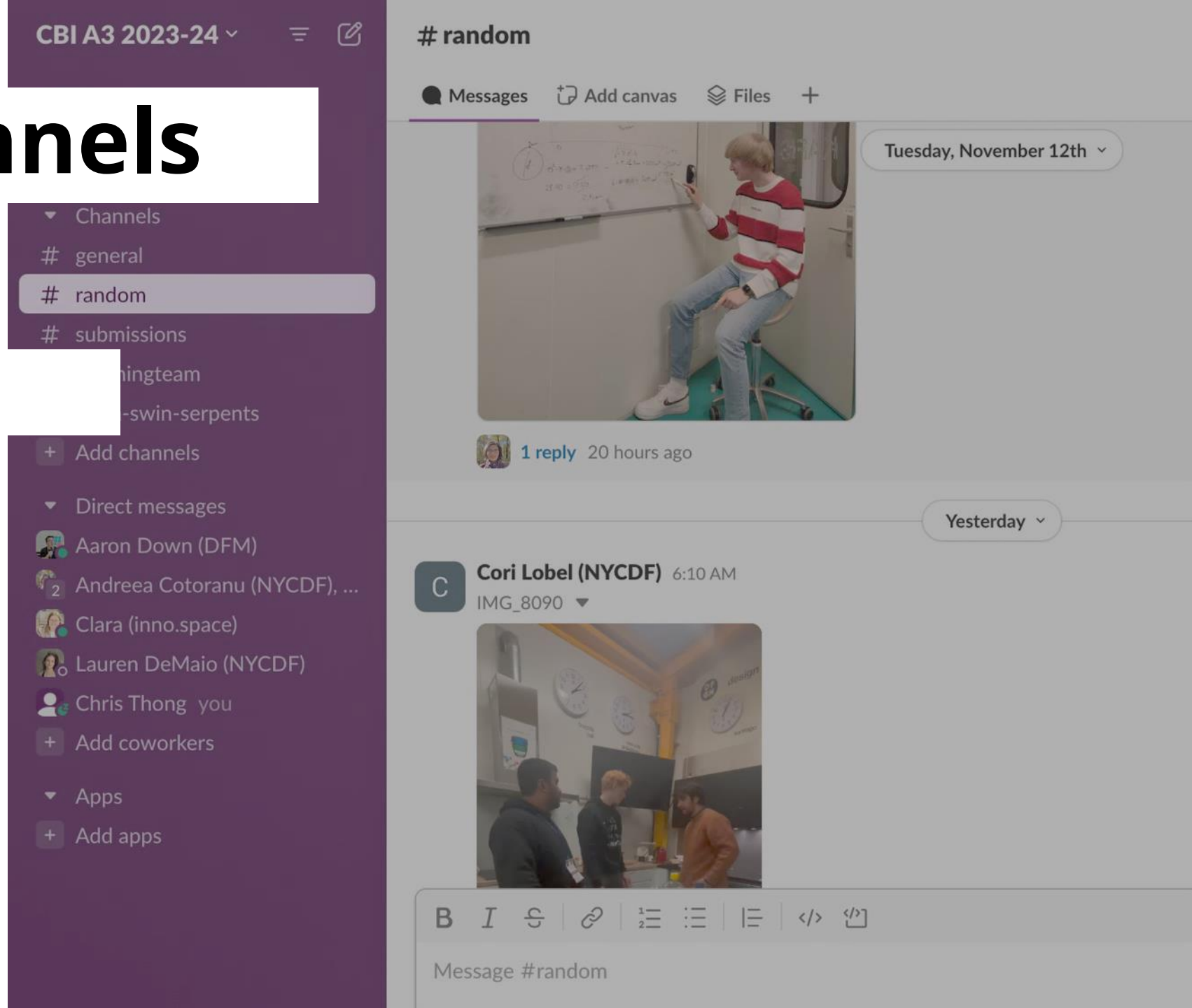
Team Swin Serpents ⟷ Team Mosaic ⟷ Team FANNI

Team Nexus ⟷ Team Proton Pioneers

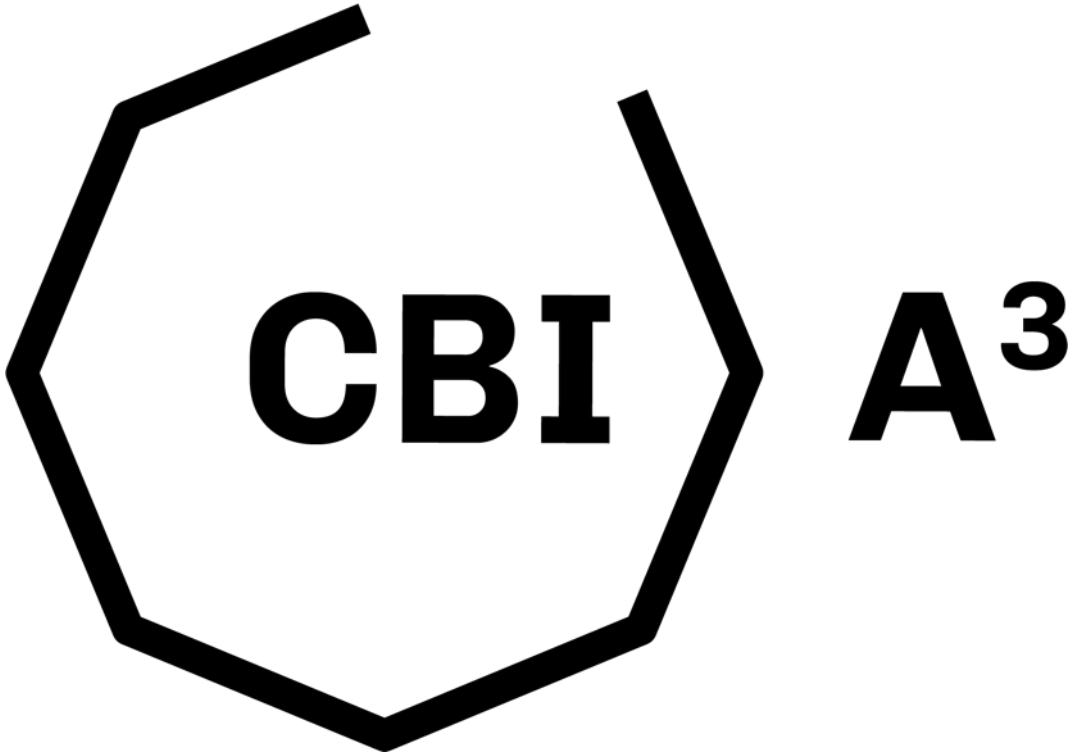
Rotating Teaching Team

Slack Channels

Stay connected!



Doing the research!



Ethics & consent *No impact on assessment & your grades

Participation is voluntary

De-identified, name only taken for before & after comparison (analysis)

Ethics protocol granted at Swinburne to conduct research on programs via interviews, surveys and focus groups with students & project partners to:

- Improve programs
- Promote programs
- Academic publication

CBI A³ course learning features - self reflection

Goal: Understand holistic learning + experience of the program, with before and after surveys.

URL:
https://swinuw.au1.qualtrics.com/jfe/form/SV_cAOjJTj6HhH18cC

Duration: ~15 minutes

Growing into the unknown

Fixed mindset

Intelligence is static/ desire to look smart

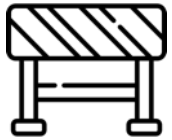
Growth mindset

Intelligence can be developed/ desire to learn

Avoid challenges

Embrace challenges

Give up easily



Persist in the face of setbacks

See effort as fruitless or worse

See effort as the path to mastery

Ignore useful negative feedback

Learn from criticism

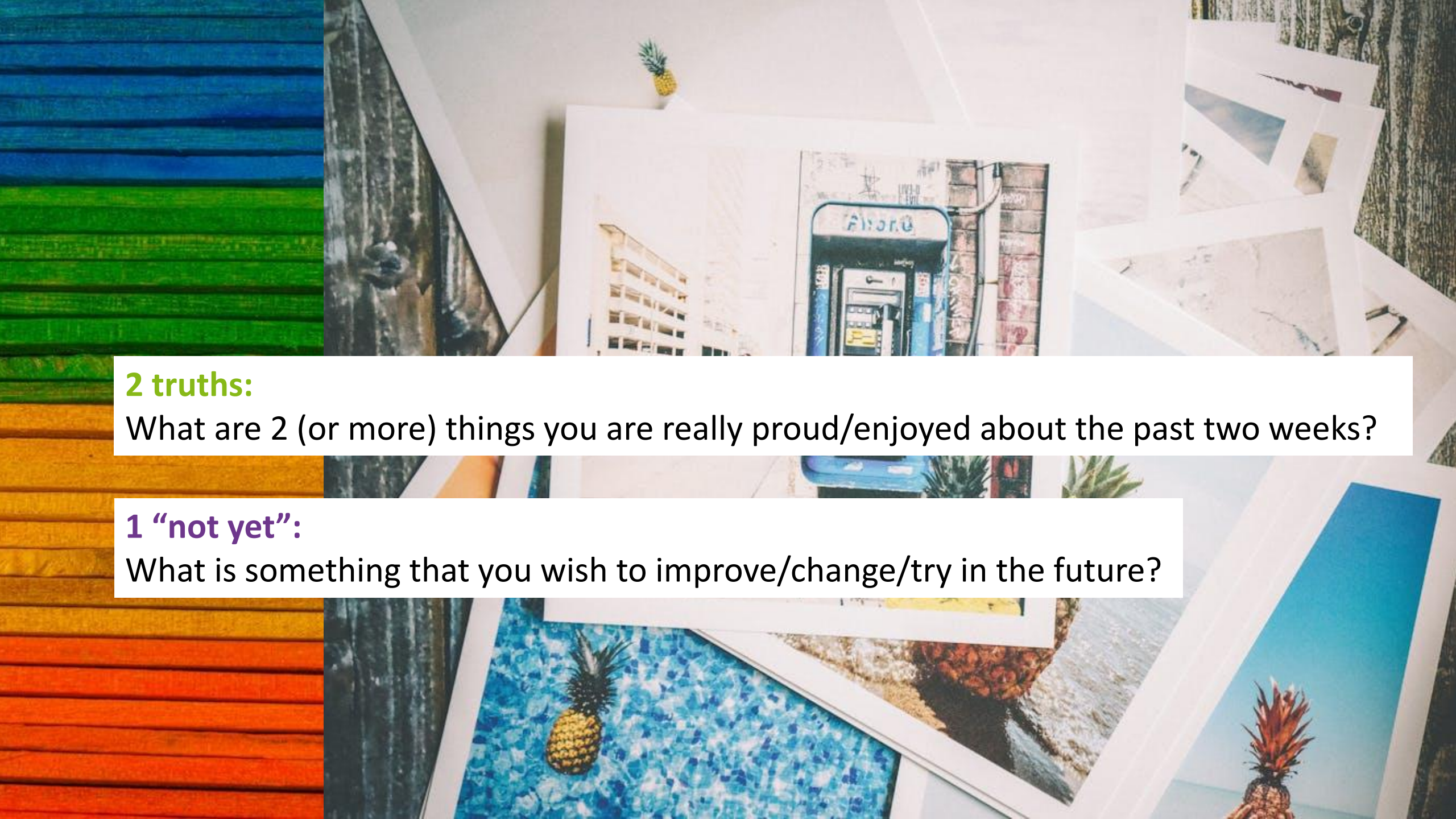
Feel threatened by the success of others

Find lessons and inspiration in the success of others

Adapted from Two Mindsets graphic by Nigel Holmes

Case Study: Chicago High School

2 truths
and
1 “not yet”



2 truths:

What are 2 (or more) things you are really proud/enjoyed about the past two weeks?

1 “not yet”:

What is something that you wish to improve/change/try in the future?

Let’s look back….