ST. PÖLTEN UNIVERSITY
OF APPLIED SCIENCES

E³UDRES²

Engaged and Entrepreneurial European University as
Driver for European Smart and Sustainable Regions

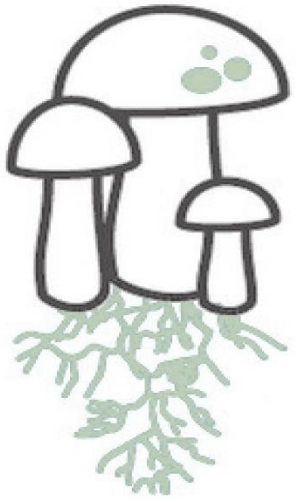
fh st.pölten

E³UDRES²

Challenge Based Learning and the Power of Creativity

From Challenge to Outcome

MUSHCUP



Mushroom
(Fruiting body)

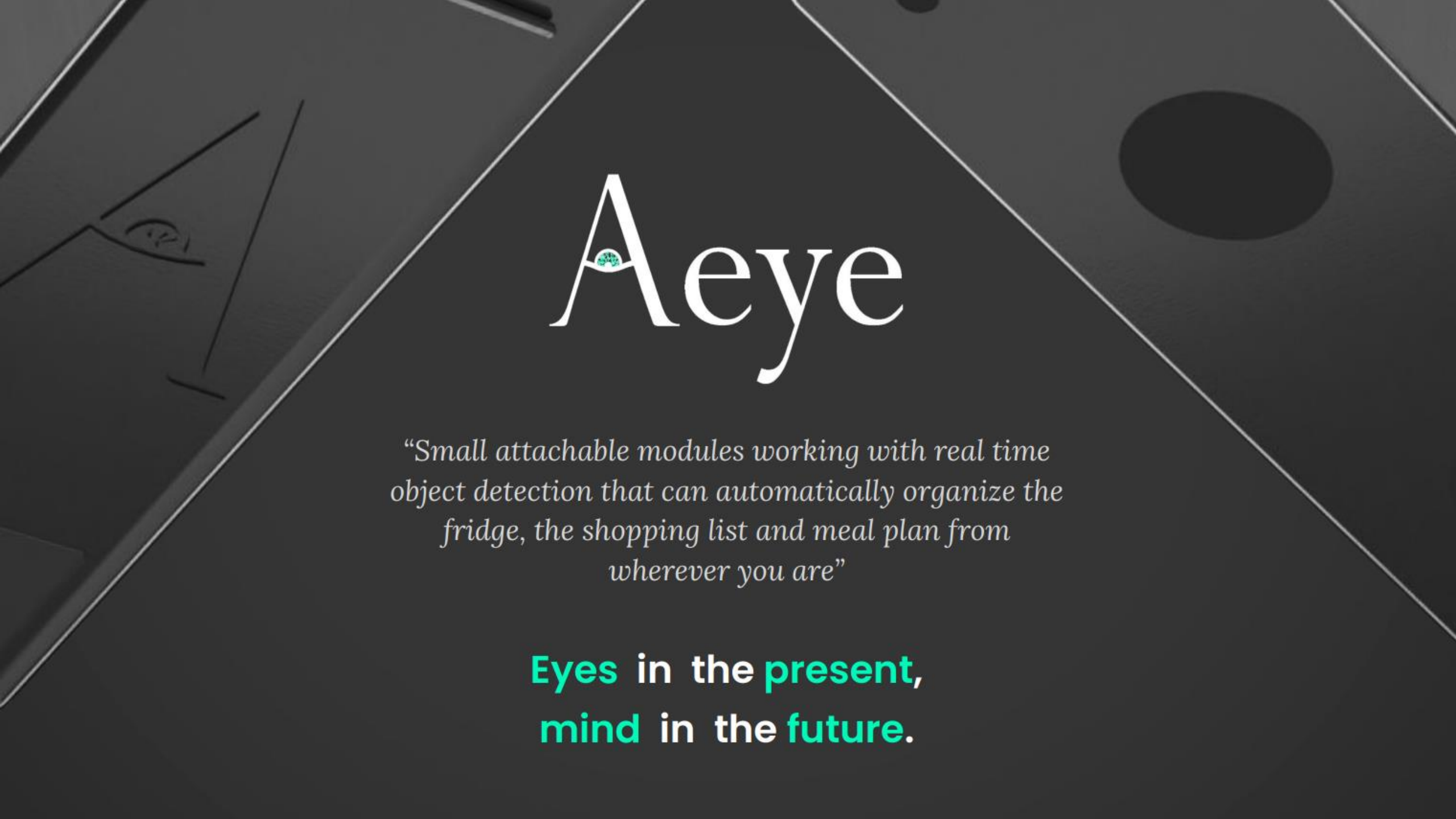
Mycelium
(Network of roots)

Chemical-free, biodegradable & eco-friendly

Follow us

mush.cups

Julia Damveld, Juliane Freudenstein, Mădălina Grecu, Rémi Guillion, Claudia Praher



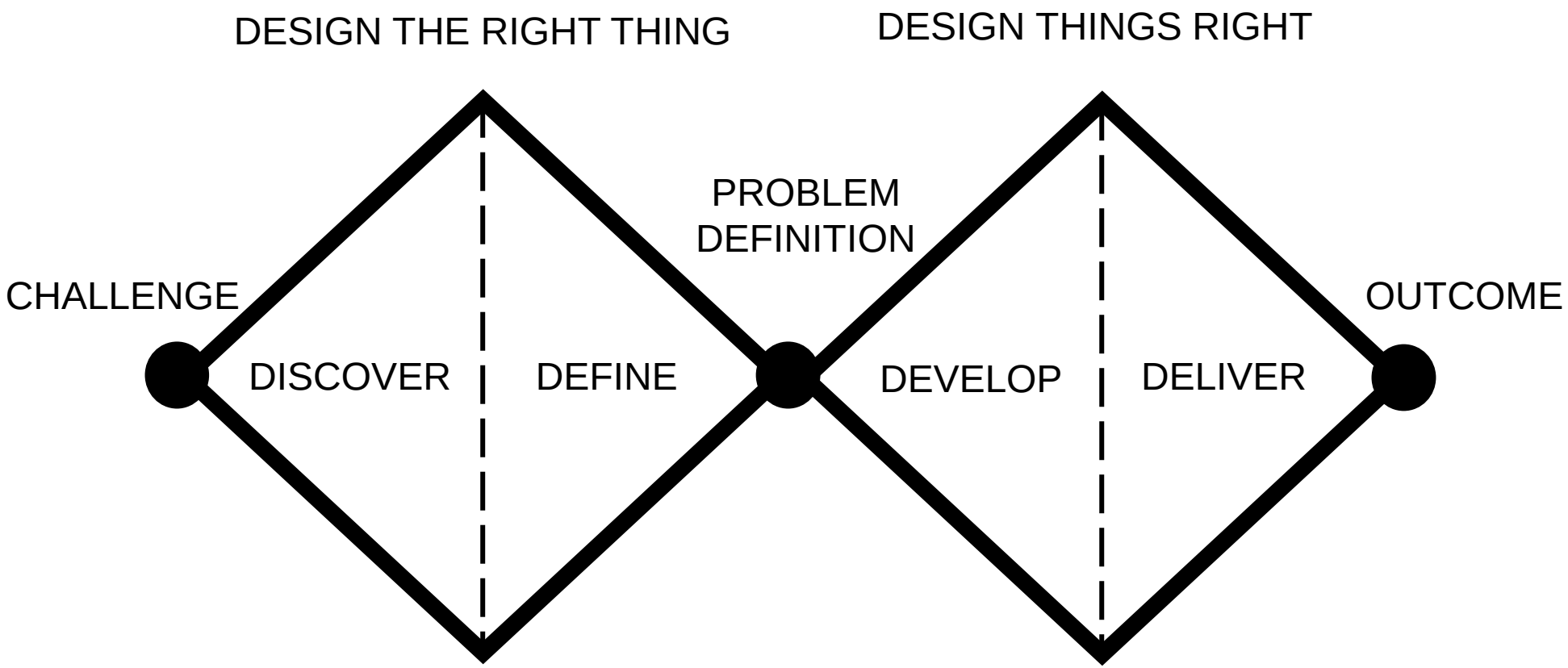
Aeye

"Small attachable modules working with real time object detection that can automatically organize the fridge, the shopping list and meal plan from wherever you are"

Eyes in the present,
mind in the future.

Do you feel more connected to Nature ?
Opinion
NO
FeedBack !!!
15:38

Design Process – Double Diamond



David Kelley

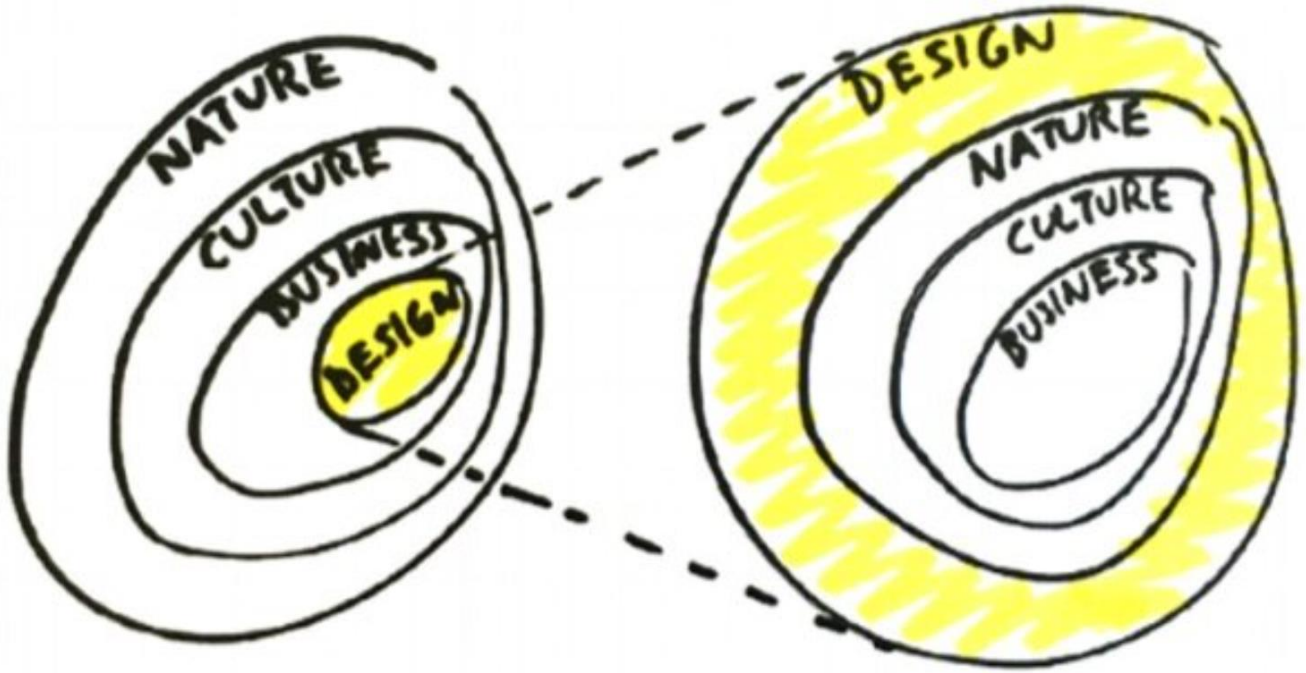
https://www.ideo.com/people/david-kelley

„Help as many people as possible regain the creative confidence they lost along their way.“

https://www.ted.com/talks/david_kelley_how_to_build_your_creative_confidence

Bruce Mau

https://www.massivechangenetwork.com/bruce-mau



https://www.massivechangenetwork.com/our-process-bruce-mau

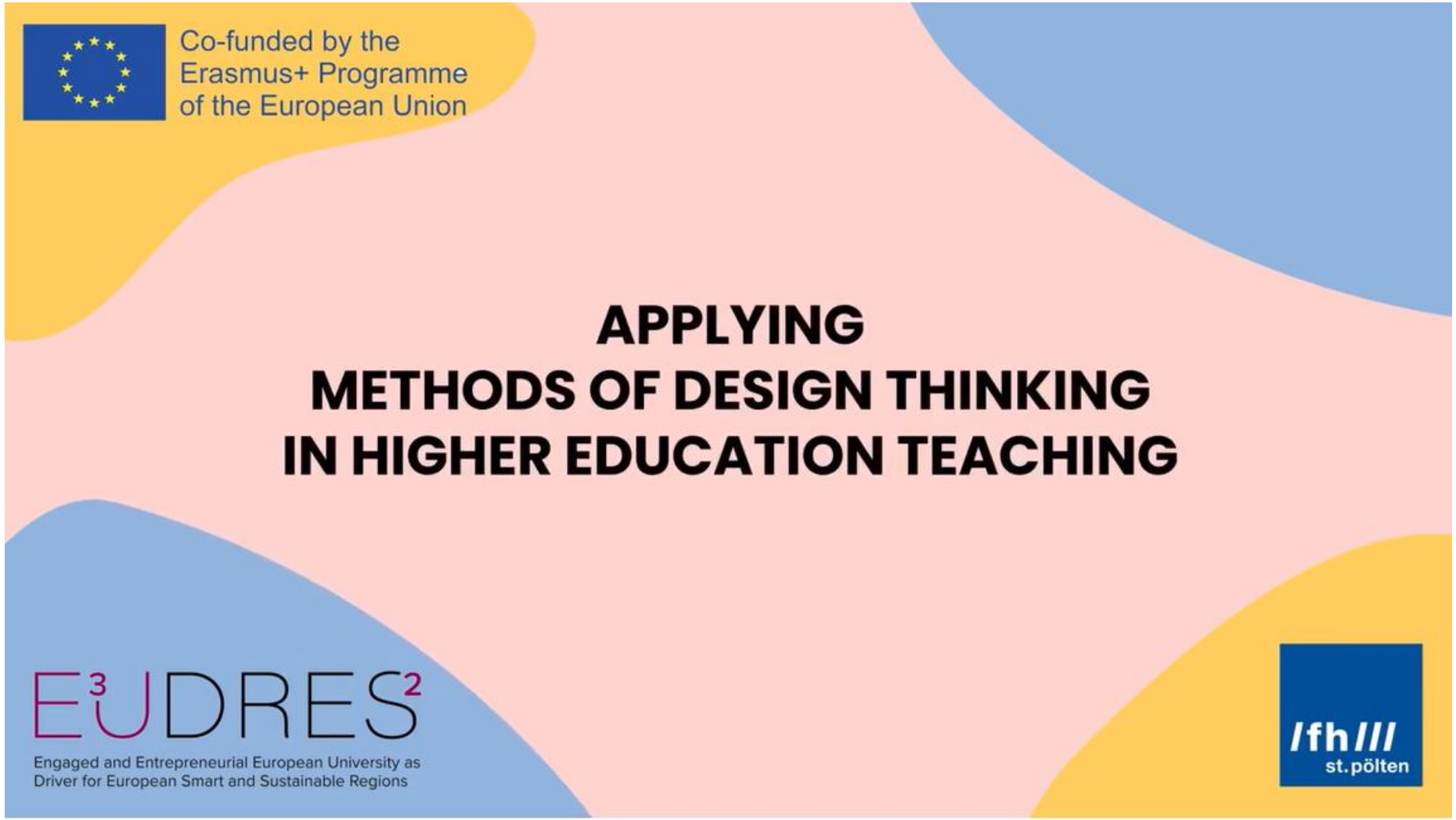
„Where we have failed to design,
we designed for failure.“

Design Thinking

You don’t have to be a designer to use Design Thinking.

Creative Hats

- People around one table: You are now a team! 🤑
- Each team member designs and builds a hat.
- Start off by thinking about all the things you have already learned today about Interdisciplinarity, Future Skills, Sustainability Education, Inclusion, Diversity,…
- The hats within your team must somehow relate to each other.
- Tell a story about what makes the hats special and how they relate to today‘s topics.

- Start with a little ideation (5 minutes) and then work with the prototyping kits.
- Prototyping time: 15 minutes
- Sharing your hats and story: 2 minutes

Design Thinking MOOC