



Innovation Labs in STEAM+ Project

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10th Dec. 2021

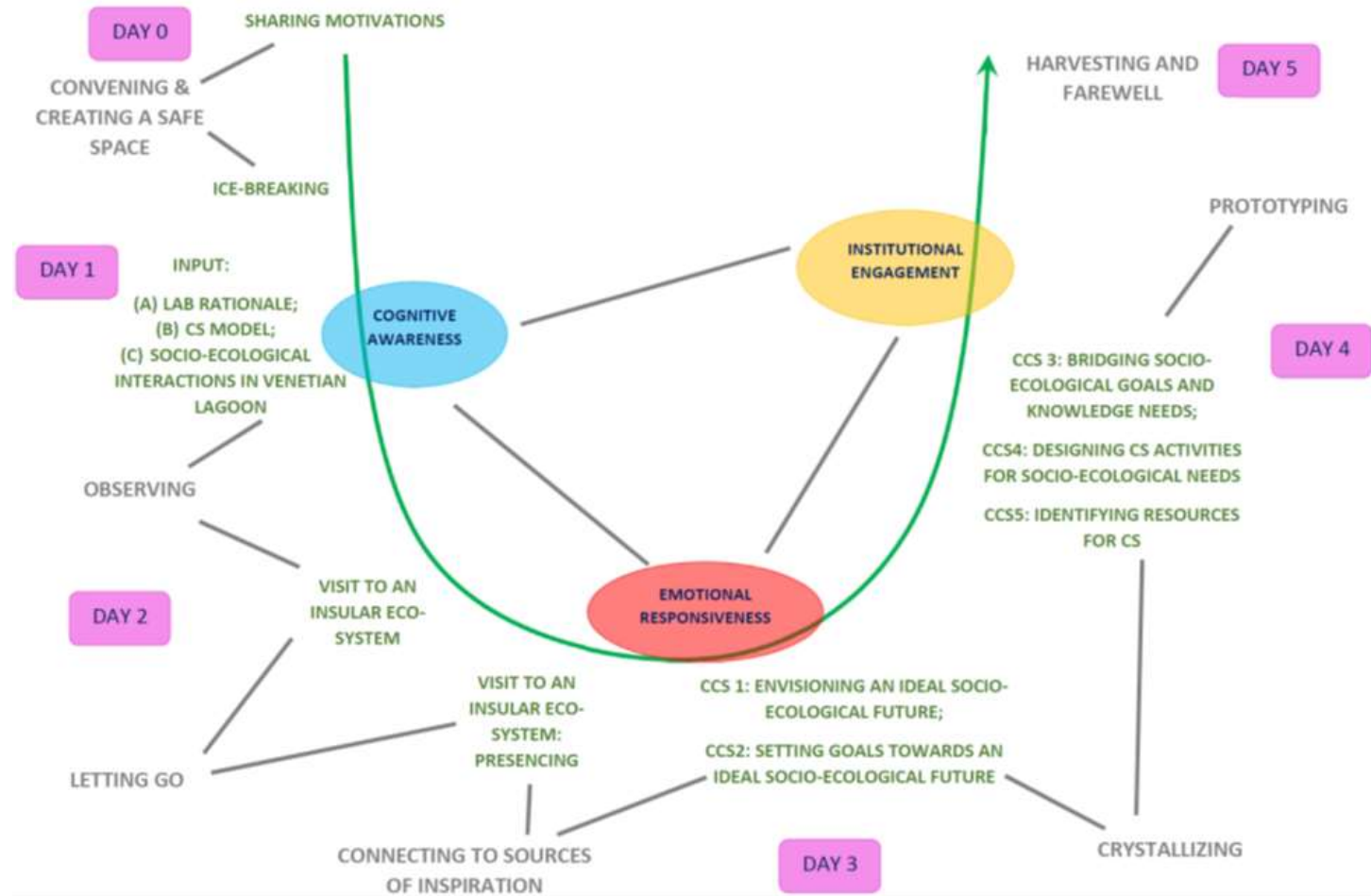
Our First Innovation Lab in Venice (July 2021)

- The lab aimed at fostering **socio-ecological literacy**, contributing to **co-creation of knowledge** for marine conservation, and nurturing **(citizen-scientific) commitment** for environmental stewardship
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- Focus on marine conservation, in light of the challenges that the (unique in the world) city of **Venice** is facing
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- In the perspective of **Citizen Science**, diversity is a plus! The lab was based on a **transdisciplinary (and methodologically diverse) approach**, also enriched by the **cultural heterogeneity** of the participants

- Letting go of the past and collectively emerging a new future
- Engage people in transformational change, from ego-system to eco-system
- Connect to the world at the bottom of U and try to prototype a new solution

Transforming system needs :

- **Open mind** (remove your old habits, looking with fresh eyes)
- **Open heart** (Developing capacity to look at the problem not only from your view, but others)
- **Open will** (Capacity to let go and let something new emerge)
- At the bottom of the U, listening to each other begins.
- While group pass this stage, nothing remains the same, and become intentional wheels for the future
- Start exploring the values and desired for future

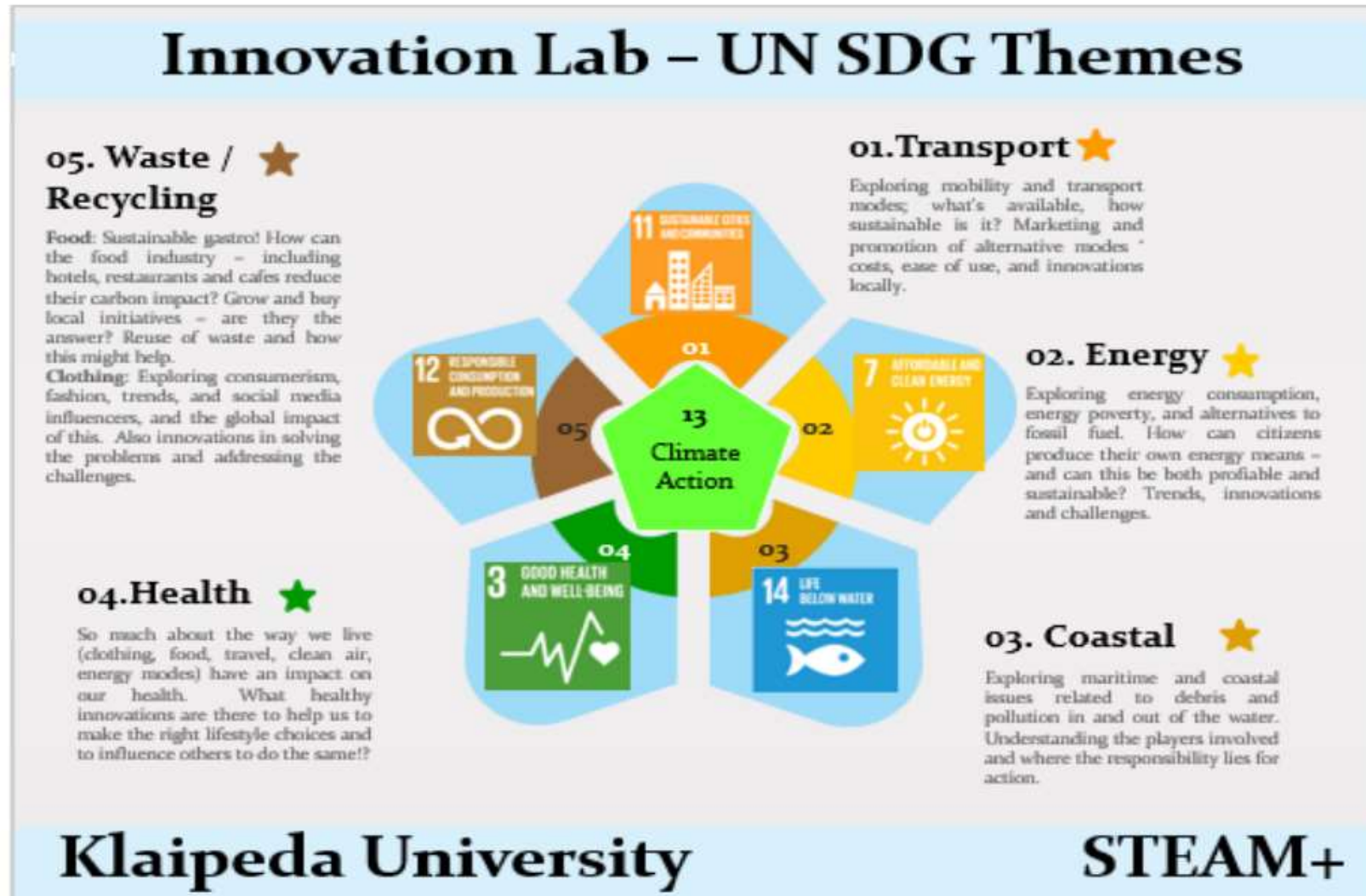


The process of improving our quality of attention and intention

Practical Considerations

- **Solidarity:** Since many processes are intertwined during the implementation of the lab, it is necessary to coordinate people involved in logistics, service supply, accounting, management/organization → Be sure to count on a enthusiastic, effective and problem-solving staff!
- **Generosity:** be ready to integrate the budget with extra resources (human effort, outsourced competencies, working hours, financial budget)
- **Sensibility:** aspire to perfection and accept to be imperfect! Overall satisfaction of participants was high (Marleen)
- **Spread the voice!** Meetings with the policy partner CMCC (April 27, 2021) as well as with HEI (September 16th, 2021). Struggling to keep in touch with the Education Ministry

Our Second virtual Innovation Lab hosted by University of Klaipeda (22 Nov. Till 3rd Dec.)



Students presented their work in a format of Video

- Less Plastic Fantastic
- Bee-Moving
- Less Paper
- Boat Sharing
- Mental Health
- GreenIS (build garden)
- Move it (stimulating using bike)
- Recycling
- Stop polluting seas

Our Third Innovation Lab will be in May 2022 in Linz

Fun solution for societal challenges

Creativity and technology in the basis of lab 3



Source: lamresearch.com



Source: www.forbes.co



Laboratory participants will be invited to write a diary (3-4 sentences per day) in which they will reflect on their impressions from the lab 3

Using reflective diaries as a formative assessment

- conceptions of knowledge,
- conceptions of learning, and
- strategies for monitoring and regulating learning.

[Ref : The reflective diary as a method for the formative assessment of self-regulated learning: European Journal of Engineering Education: Vol 43, No 4 \(tandfonline.com\)](#)

Some questions to answer

- ***What went really well and why? How did I contribute to it?***
- ***What didn't go well and why? How did I contribute to it?***
- ***What lessons can I learn from it?***
- ***How can/will I apply these lessons in the future?***
- ***What can I be proud of and why?***
- ***Have I made a progress that I wanted? Yes/No, why?***

We are going to do a research

- Developing a reasonable way to assess the effects of on personal and/or professional identity when collaborating with different stakeholders (international and interdisciplinary) while thinking about transdisciplinary teaching & learning.
- We want to use reflective diaries that are created during a STEAM+ lab in Linz, may 2022.
- What could be the assessment criteria?

Thank You!