

Co-designing Citizen Observatories Services for the European Open Science Cloud

ECSA Conference workshop: Sustainability of Citizen Science platforms

Cos4Cloud Final Meeting Barcelona, 02/02/2023



ns project has received funding from e European Union's Horizon 2020 search and innovation programme ider grant agreement No 863463

FRANCE GERMANY GREECE NETHERLANDS SPAIN SWEDEN UNITED KINGDOM COLOMBIA Trébola National and Kapodistrian University of Athens (nría_ Bineo 🤔 İ F (A ecsa European Gitaeu Science Association DDQ Pocket Science SLU DynAlkon Science 52north 🚯 CREAF earthwatch SWEDISH SPECIES INFORMATION CENTRE exploring horizons Secure Dimensions

COORDINATION







Context and methodology



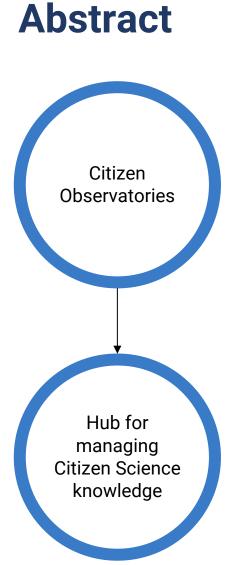


ECSA Conference 2022

- <u>Format</u>: Interactive session at the ECSA Conference 2022 (Berlin).
- <u>Objectives</u>:
 - Identify **challenges** related to the sustainability of Citizen Observatories.
 - Propose **solutions** to those challenges.
- <u>Date</u>: 06/10/2022, from 11:45h to 13:15h (90 min).
- <u>Participants</u>: Researchers and practitioners of Citizen Science and Citizen Observatories (max. 25).
- Facilitators: Karen Soacha, Sonia Liñán, Claudia Fabó, Blanca Guasch.









Quality of

observations

Storing

Data

Environmental monitoring | Public health conditions | Technology mapping | Biodiversity

monitoring | Social problems | Gender issues | Urbanism and public space | Etc.

Multiple disciplines

Quantity of

observations

Collecting

Local | Regional | National | International | Continental | Global

Many scales

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Demands

from the user

community

Opening

Advanced

technological

development

Using

Lack of

funding

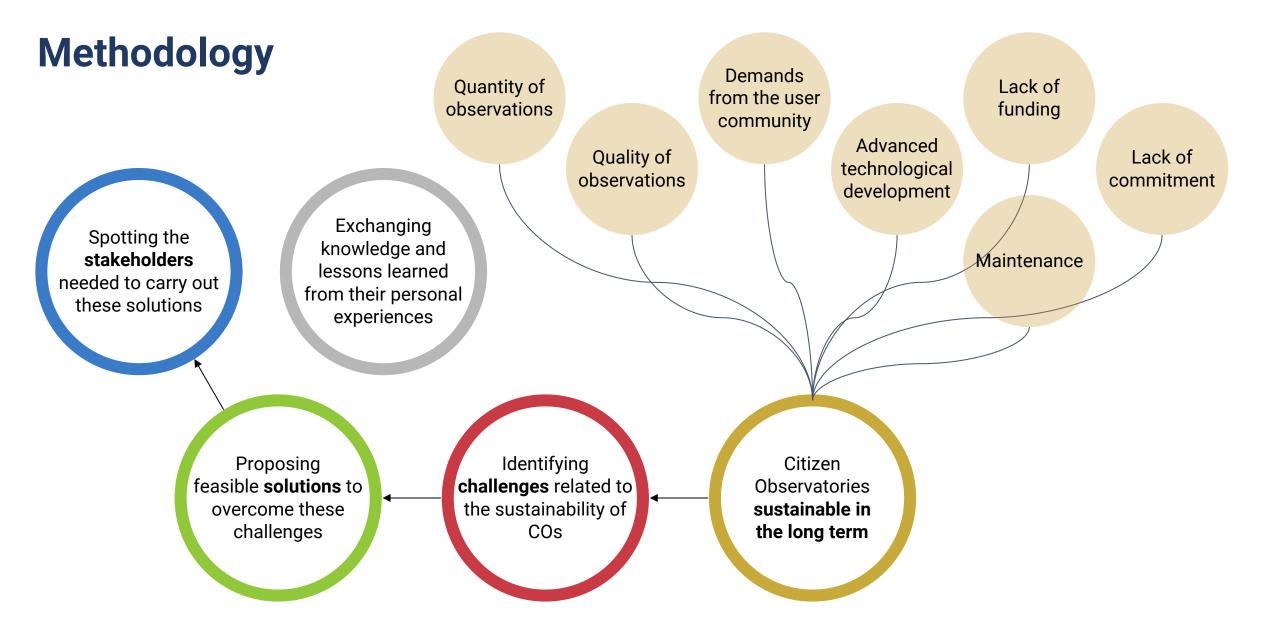
Maintenance

Lack of

commitment

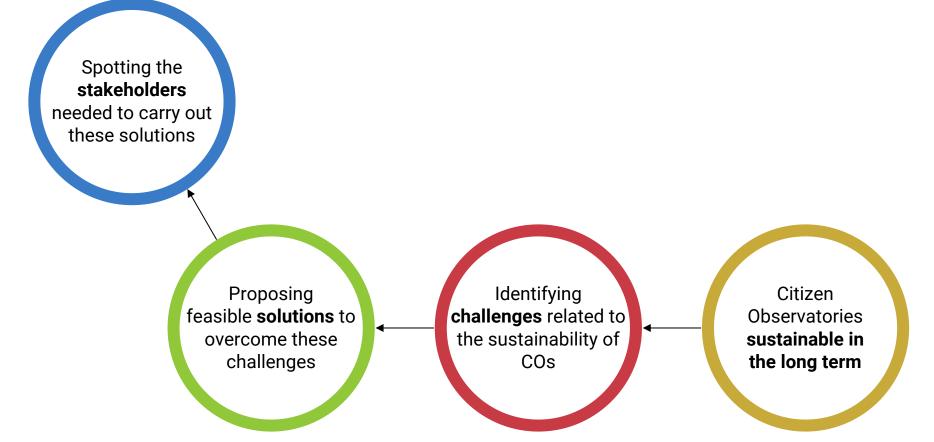






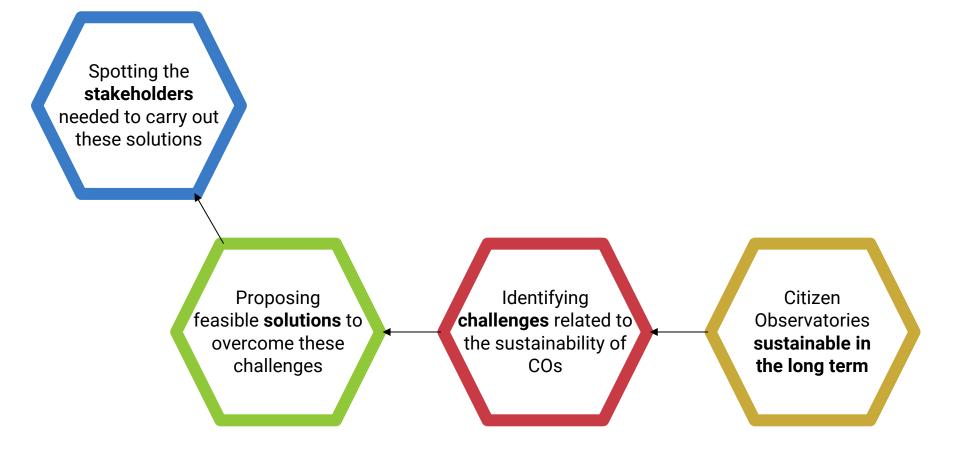
























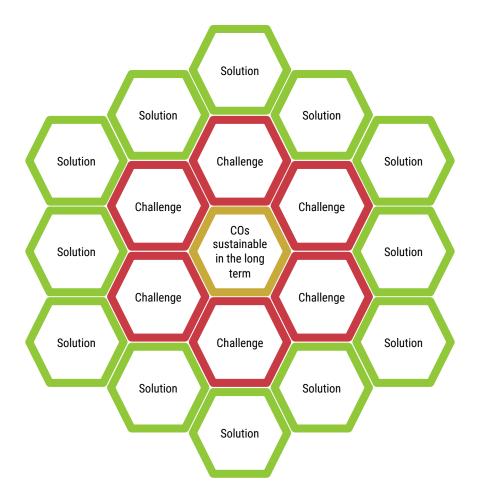




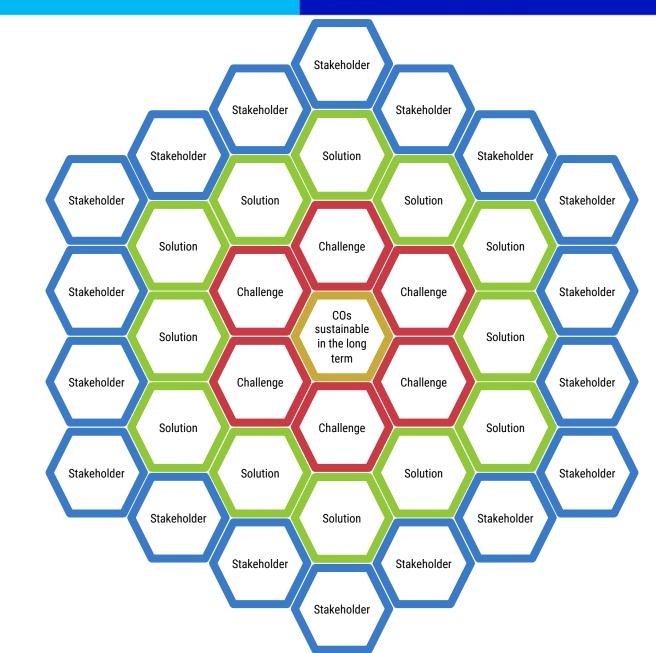








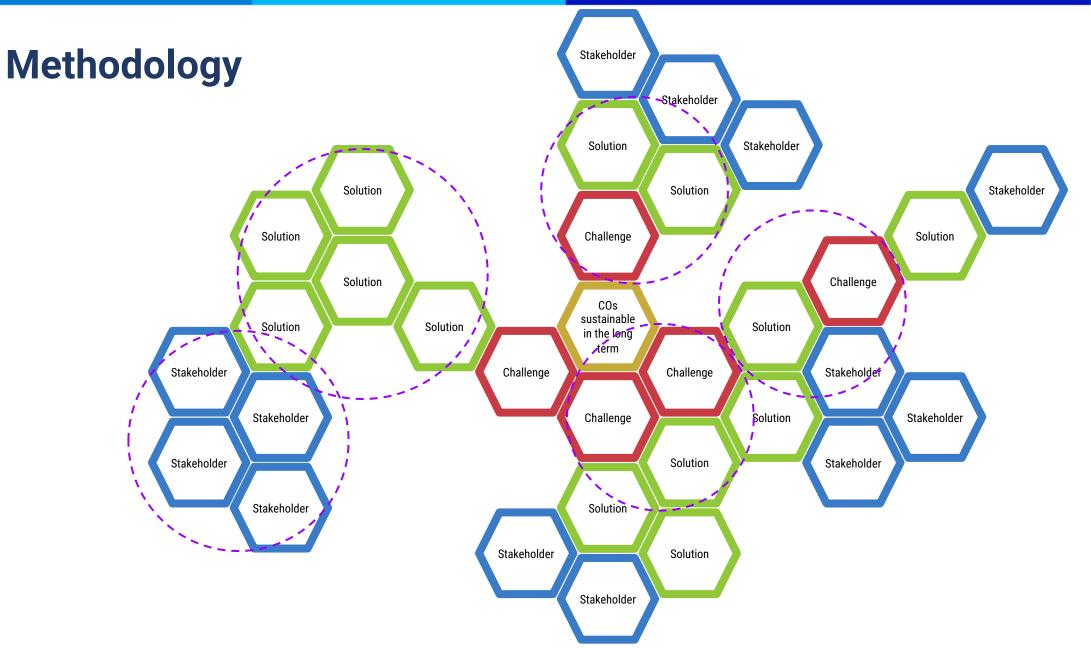
















Workshop results

of Neosiam in Pexels



Results by group



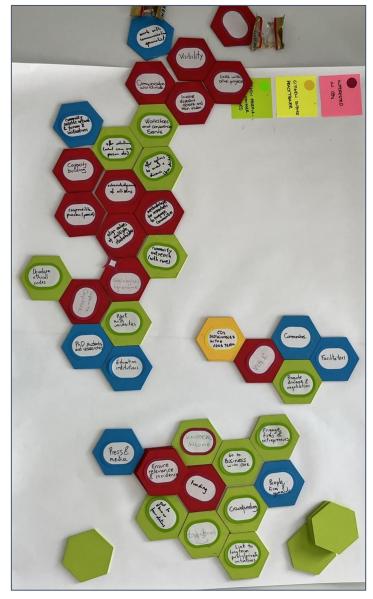


See. St

This project has received funding from the European Union's Horizon 2020

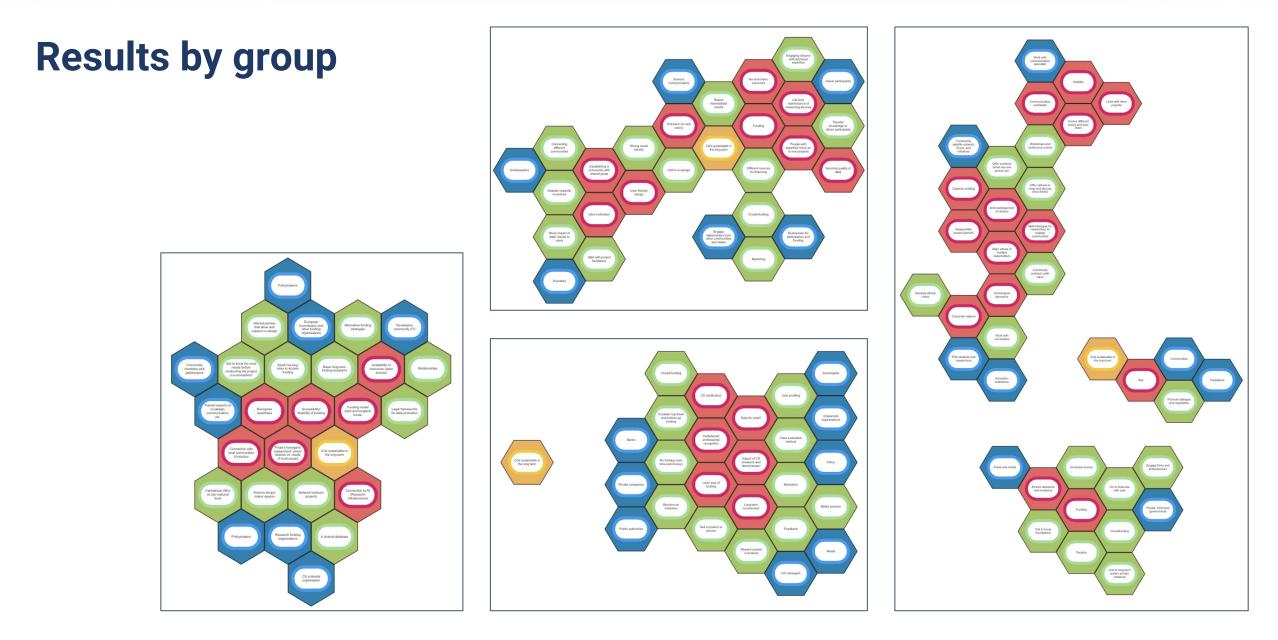
research and innovation programme

under grant agreement No 863463





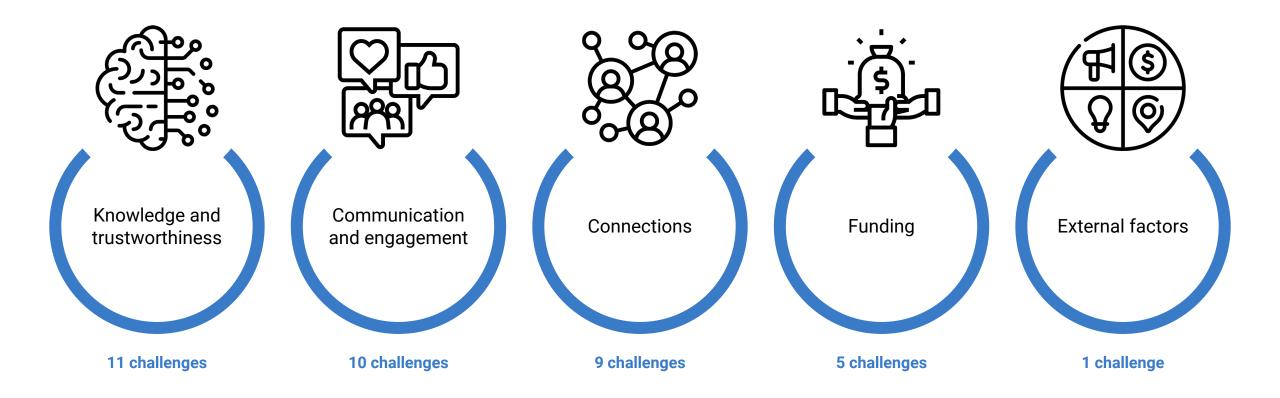






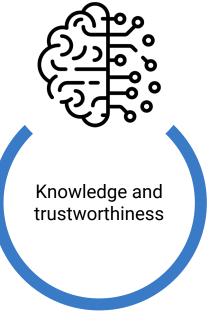


Categorisation



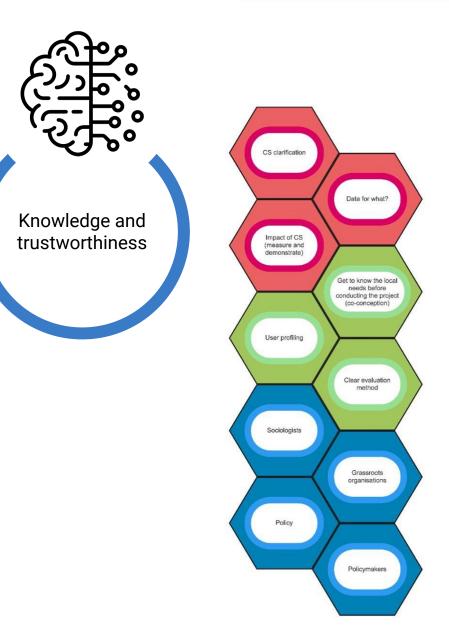






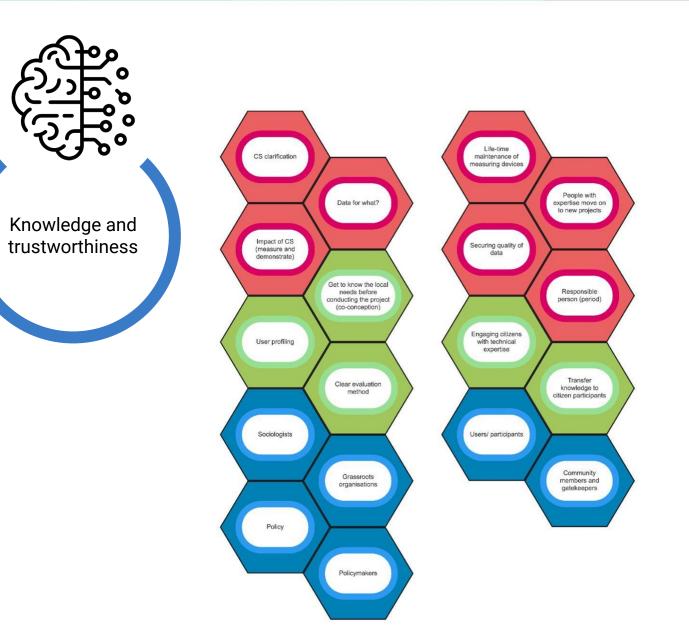






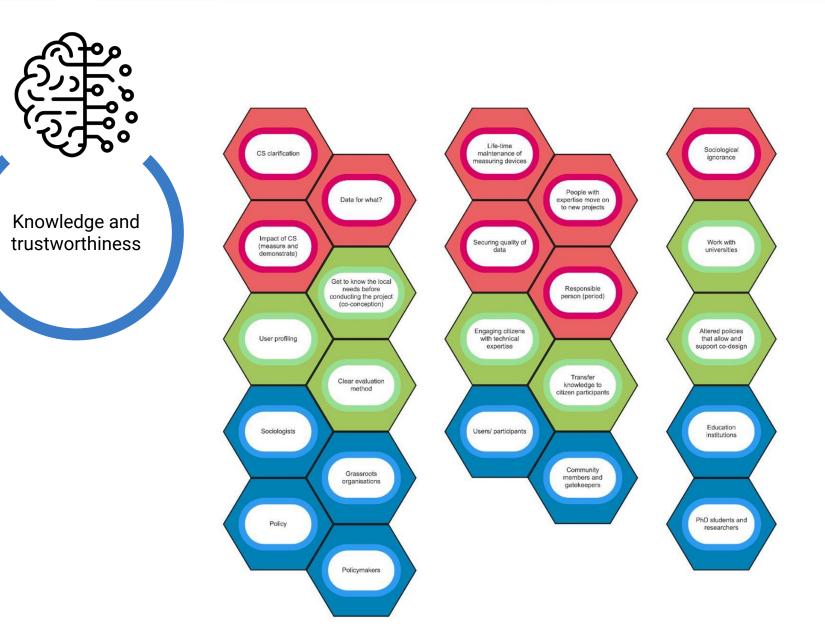






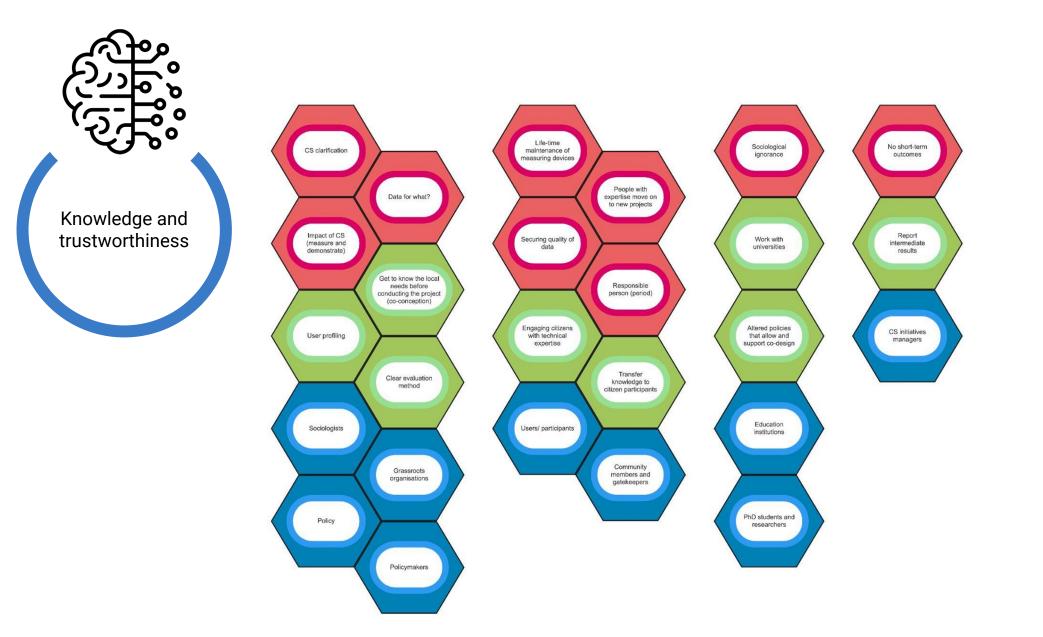






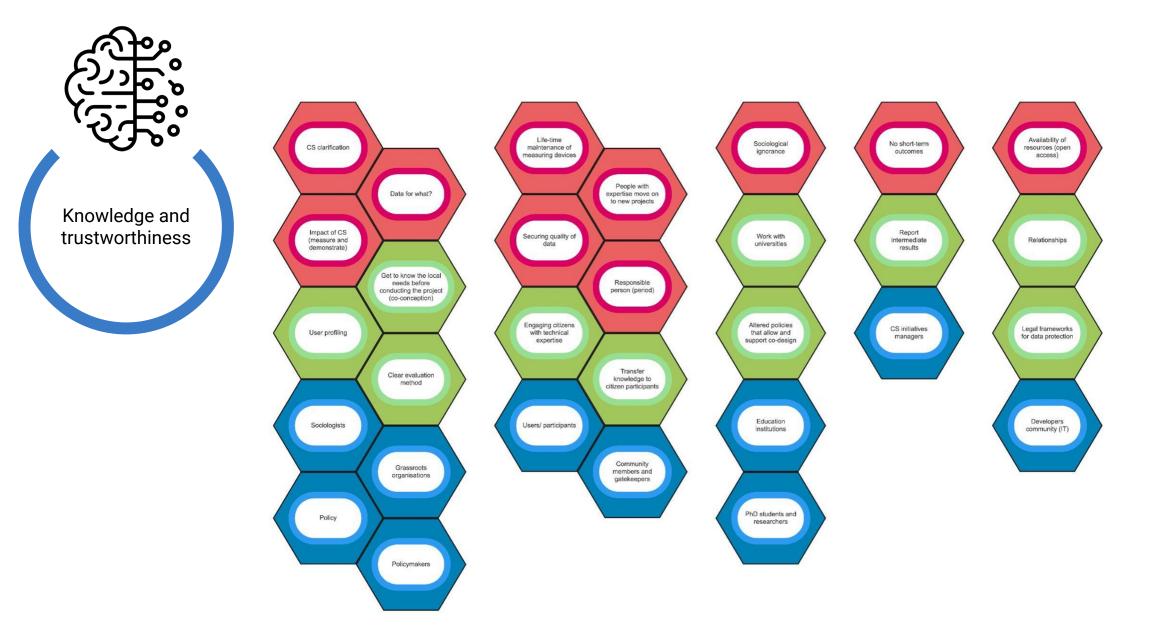






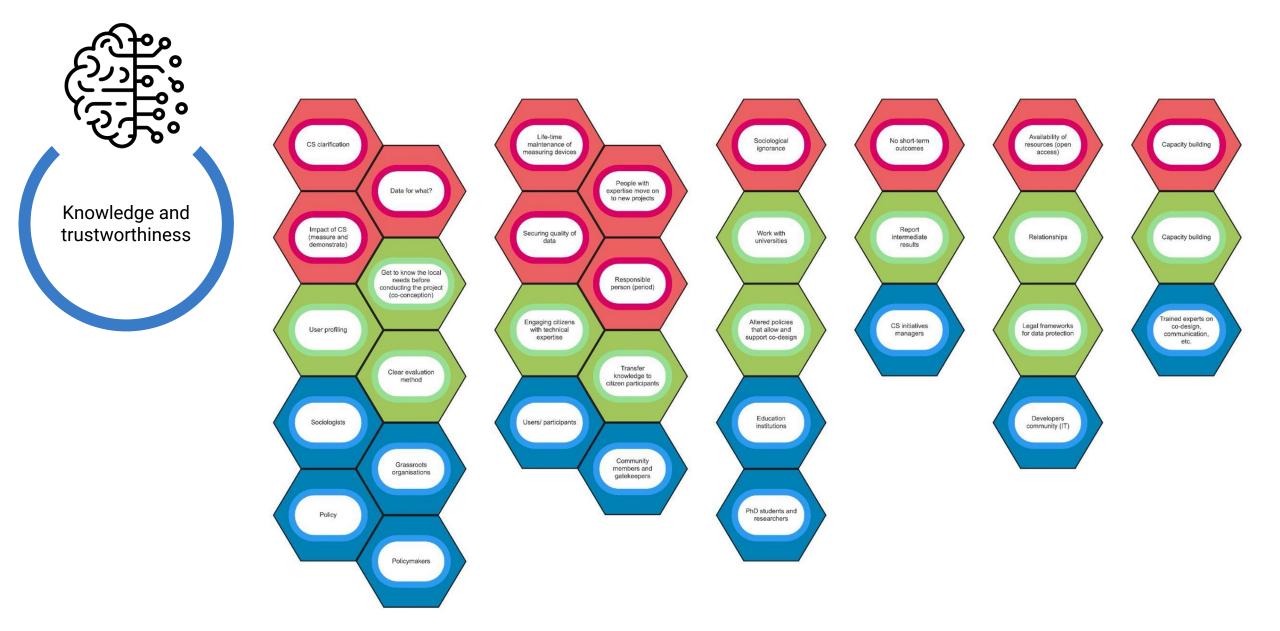














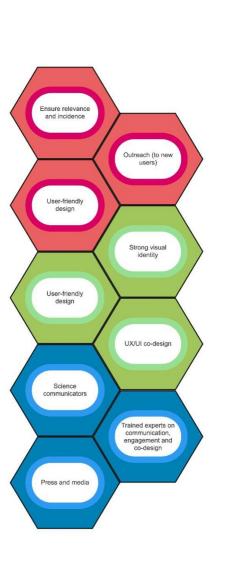






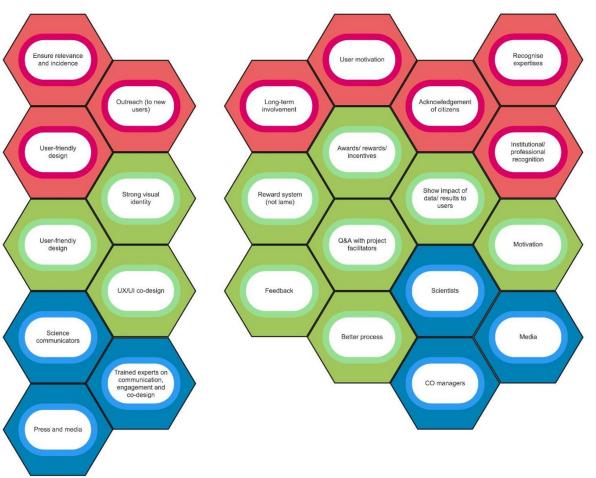








Communication and engagement



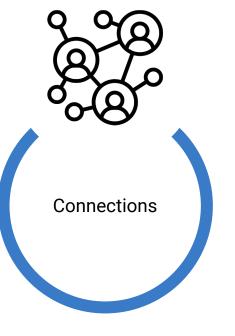


Ensure relevance and incidence Recognise expertises Communication worldwide User motivation Outreach (to new Long-term involvement Acknowledgement of citizens users) Communication and engagement Institutional/ Work with User-friendly Awards/ rewards/ professional recognition communication specialist design incentives Show impact of data/ results to Strong visual identity Reward system (not lame) users User-friendly Q&A with project facilitators Motivation design UX/UI co-design Feedback Scientists Science Media Better process communicators Trained experts on

Visibility Communication specialist communication, CO managers engagement and co-design Press and media

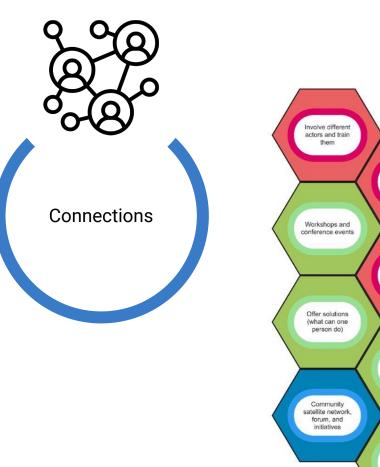












Align values of multiple stakeholders

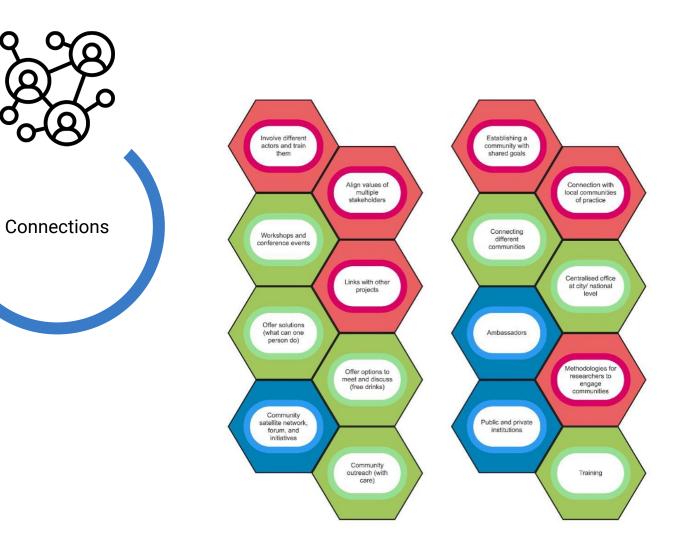
Links with other projects

Offer options to meet and discuss (free drinks)

Community outreach (with care)

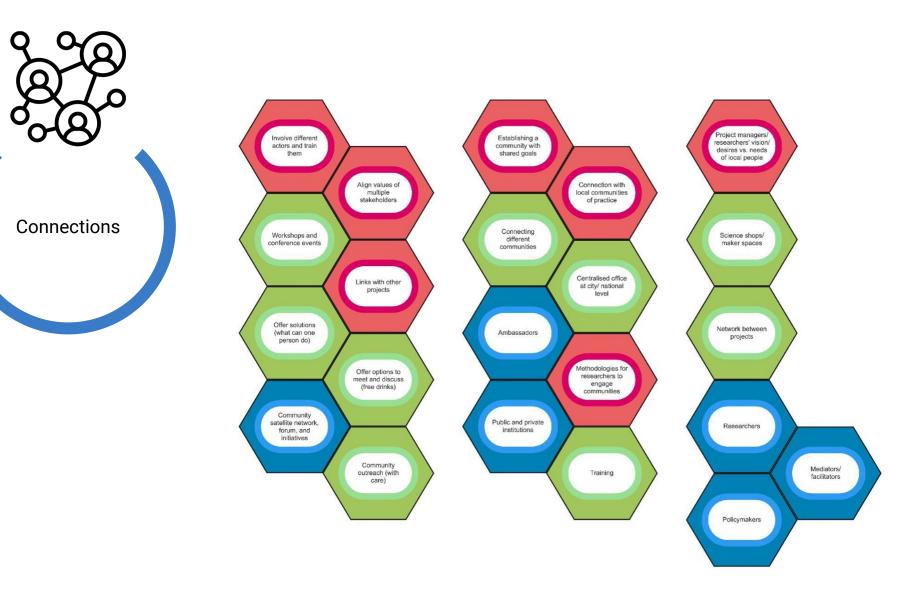






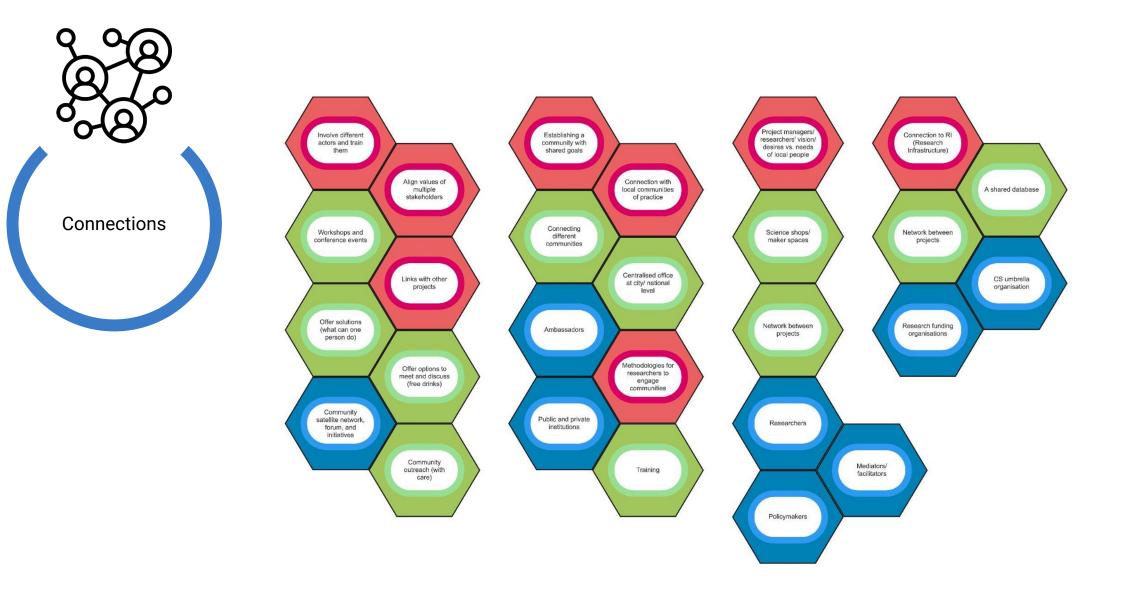






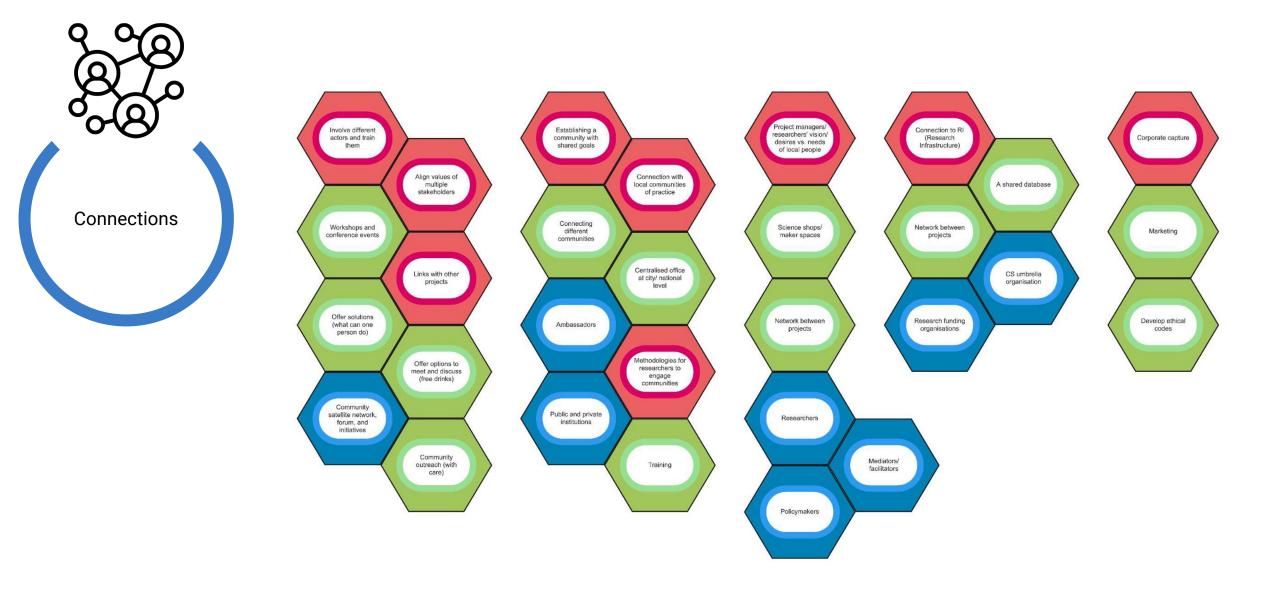






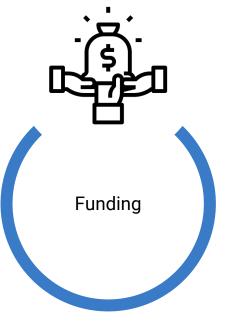






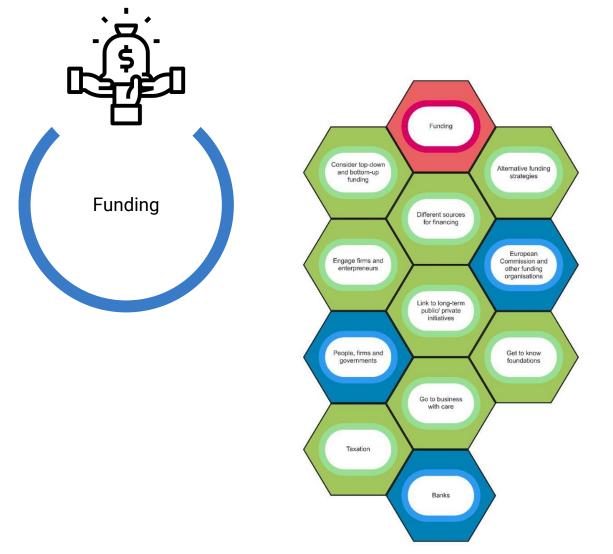






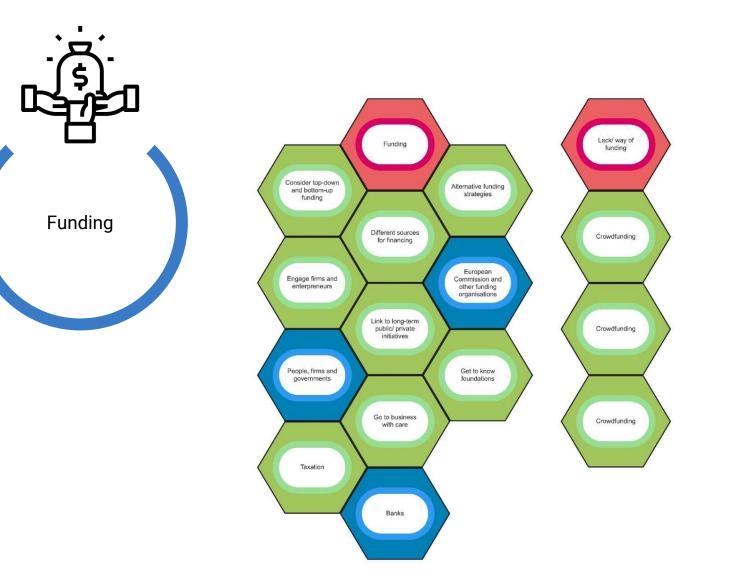






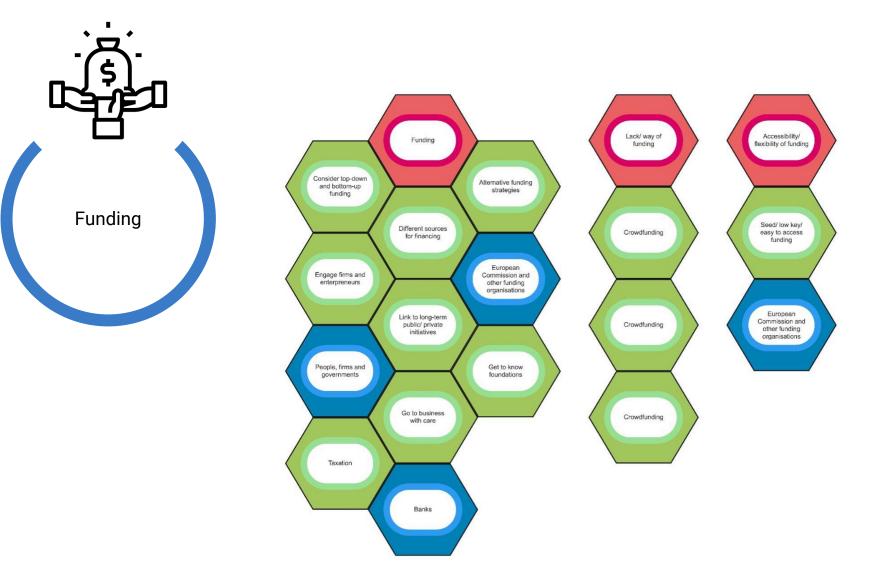






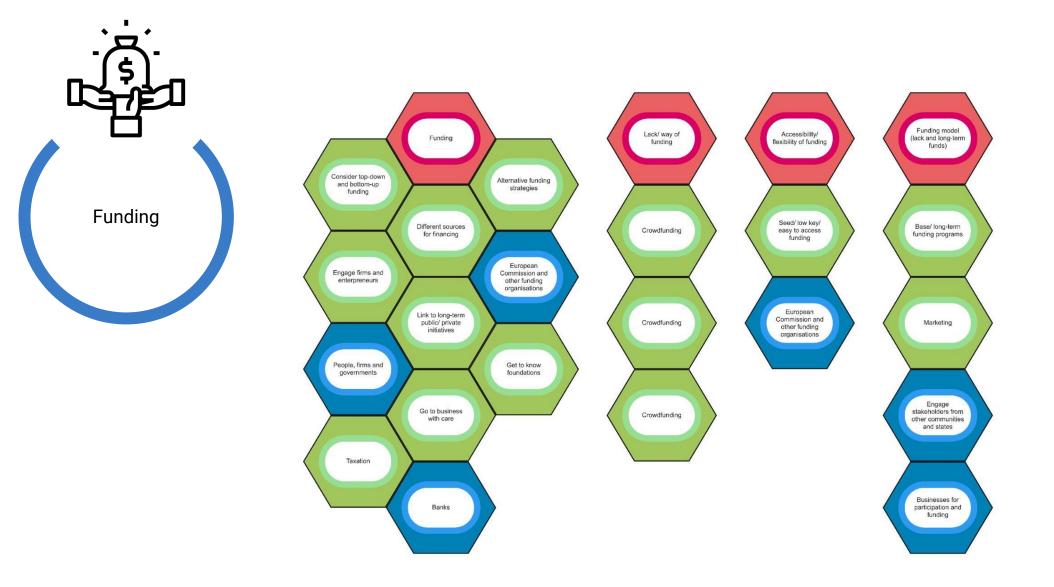






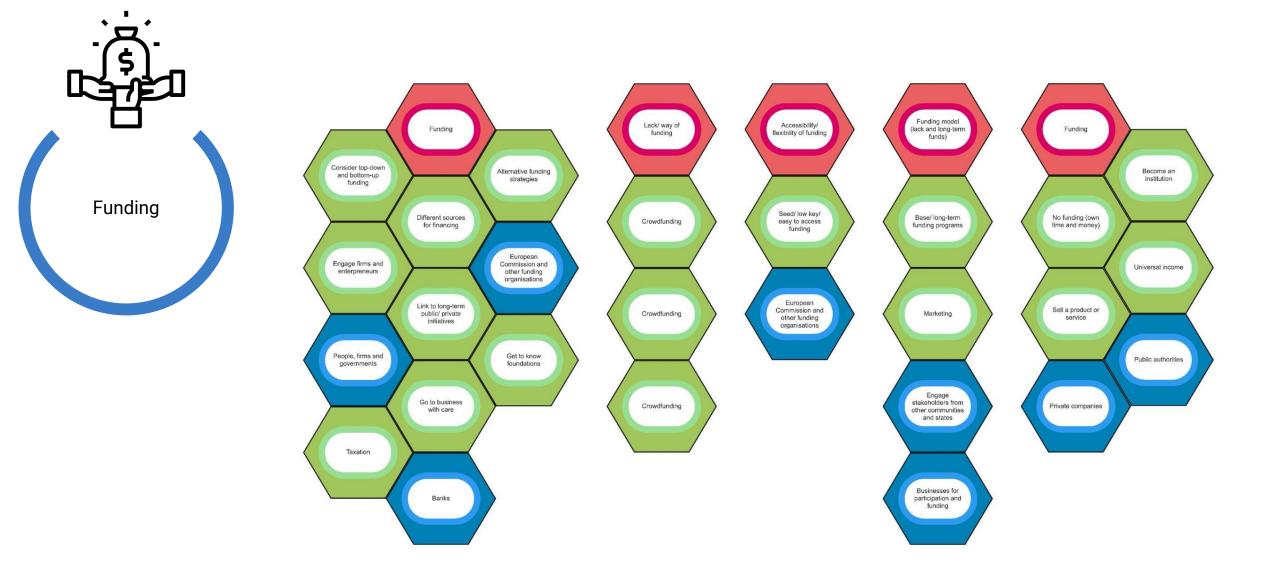






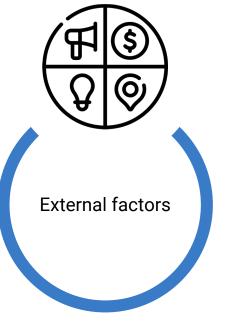






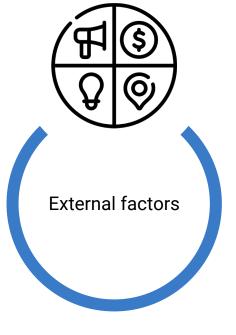


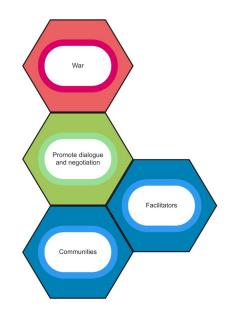
















Final reflections



"Communicating intermediate results can also be an engagement strategy. Sometimes you need to **give before you receive**."







"We usually think about citizens as the final users of the Citizen Observatories, but we usually forget that **scientists are citizens too**, and that we can engage citizens with technical expertise to help maintain the platforms and find technical solutions."

"A strong visual identity and a good marketing strategy can	
make a huge difference on how the project is perceived."	



"Having **ambassadors** inside the community can make science closer to the people."

"Citizens should also be involved in the **co-creation of new projects**, not only in data gathering and analysis."



"For a lot of people, the most important question is: **'do I get paid for it?'** Think how different the first reaction would be if we had a universal income."



"The best impact that some projects could have would be that they stopped existing, because if the project exists to solve one specific social or environmental problem, **if the problem is solved, then the project no longer needs to exist**."



"While doing the workshop dynamic, many **challenges translated directly into solutions**, actually."













The co-design team



Jaume Piera



Karen Soacha



Sonia Liñán



Ángela Justamante



Claudia Fabó



Miguel Hernández



Alex Amo



Blanca Guasch