Universität Zürich[UZH]

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

STIFTUNG MERCATOR SCHWEIZ

Reporting Back from the Workshops via Fishbowl Discussion

14.1.2020

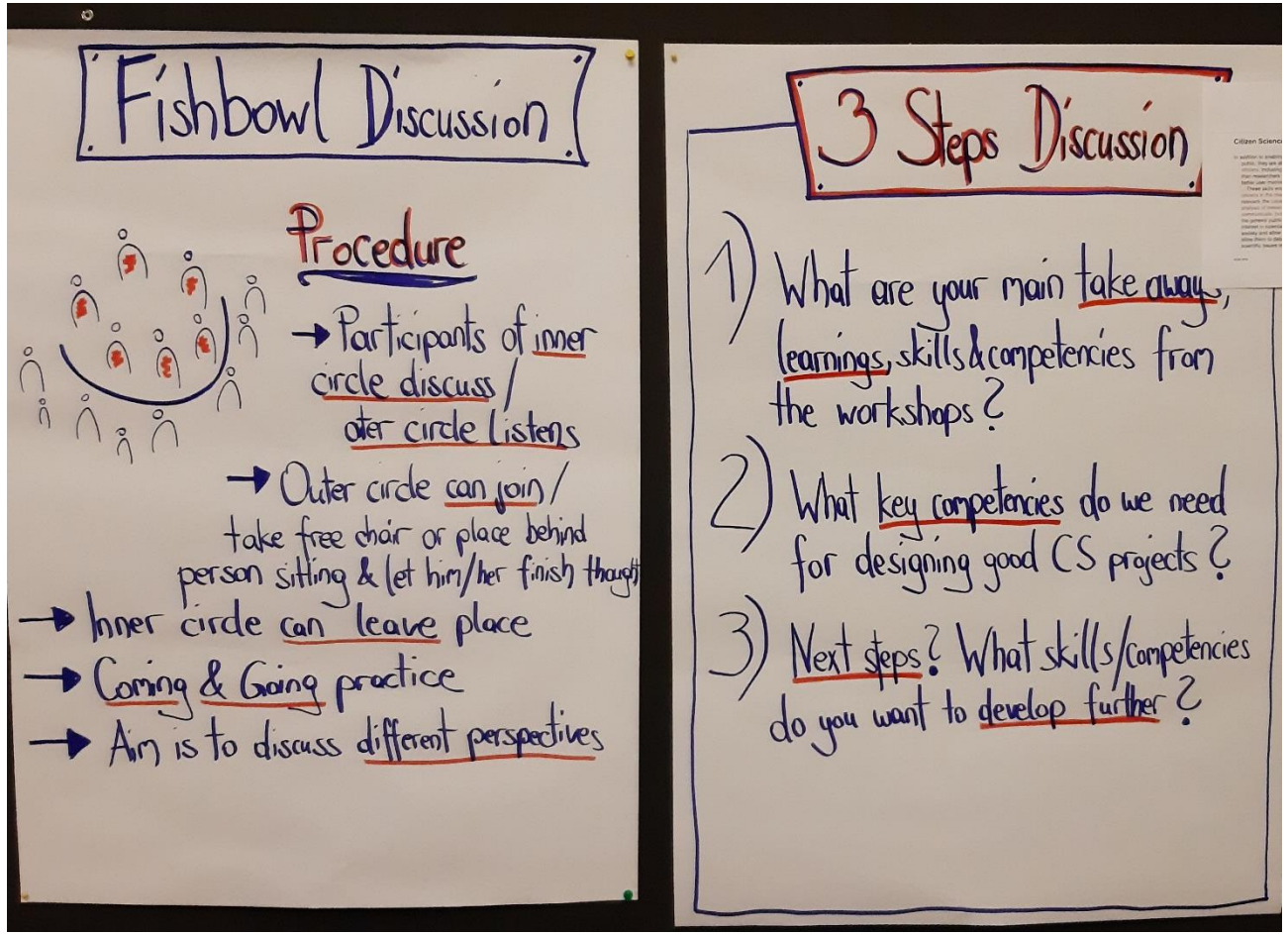
Citizen Science Winter School

Universität Zürich UZH

ETH Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

STIFTUNG MERCATOR SCHWEIZ

Fishbowl Discussion



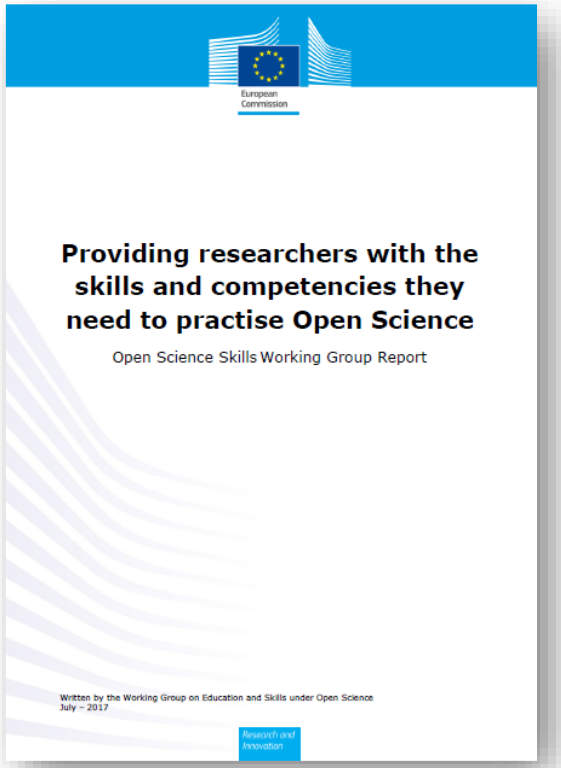
Universität Zürich[UZH]

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

STIFTUNG MERCATOR SCHWEIZ

Citizen Science Skills (EC 2017)

In addition to enabling the practice of science by members of the public, they are about researchers learning how to engage with citizens, including how to communicate with stakeholders other than researchers or the academic scholarly community, in view of a better user involvement and dissemination of research results. …These skills encompass: the capacity to adequately include citizens in the research design and development processes when relevant, the capacity to involve citizens in the collection and analysis of research data, … and finally the capacity to communicate, but also explain and discuss research results with the general public in an easily-understandable fashion to foster interest in science and research, build a relationship of trust with society and allow citizens to gain the knowledge and skills that will allow them to debate with scientists and policy-makers about scientific issues and potential priorities in an informed manner.



Universität Zürich UZH

ETH Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

STIFTUNG MERCATOR SCHWEIZ

Graduate Campus

Output Fishbowl Discussion on Workshops Ruth Förster and Pia Viviani

Universität Zürich UZH

ETH Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

STIFTUNG MERCATOR SCHWEIZ

Output Fishbowl Discussion on Workshops Ruth Förster and Pia Viviani

Main take-aways and learnings

- What is participatory CS? What is CS? Find your own definition
- Is CS really that open? -> legal frameworks
- We should hear more stories
- Create impact for society
- Steps in CS/Goals for scientists/for people
- Discuss your design of CS project with others
- Transformative Learning -> deep shift in feelings and actions
- Learning edge -> setting to new ontology
- TL involves emotional reactions
- Implicit assumptions -> source of conflict
- Role of unintended consequences
- Roles in CS projects
- There are hidden/implicit motivations of stakeholders
- Kind of languange -> differnt versions of research questions?
- Research question – usual neutral «nitty-gritty»..

Competencies

- Pay attention to your feelings -> feeling safe
- Emphaty also for yourself
- Competencies building need to reflect different dimensions of learning for researchers -> cognitive, emotional…
- Make society safe enough to create spaces for CS
- Strengthen social skills (communication, engagement)
- Look at projekt for perspective if all stakeholders
- Think of the team
- Science can be done by citizens, not only researchers
- Learn from experience of citizens in projects
- You are part of a network, other poeple have skills also
- Know that there are things that you don't know
- «Reflective practices» Go back to the start…and reflect
- Be patient and give time
- Anticipatory competencies -> in order to deal with unintentional consequences/risk management

Skills/Competencies to develop further

- Do we really need new skills? Rather mindset
- Sray updated on legal restrictions and formalities -> knowledge acquisition
- Transversal skills
- Contributory, co-create, collaborative approaches