Network Meeting <u>Citizen Science Switzerland</u>

29th June 2023







Citizen Science Schweiz – Schweiz forscht







Tiina Stämpfli

Tizian Zumthurm

Nikola Stosic

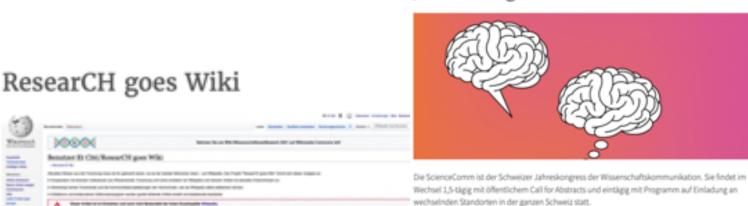




Science et Cité

- The Science et Cité Foundation promotes dialogue between science and society
- Competence Centre for Dialogue of the Swiss Academies of Arts and Sciences
- Regional offices in Bern, Lausanne, Lugano

Jahreskongress ScienceComm



ResearCH goes Wiki bringt Wissenschaft und Forschung auf Wikipedia.

Wikipedia ist schweizweit die am fünftmeisten besuchte Webseite – und die Plattform, auf welcher der grösste Teil der Bevölkerung mit den Wissenschaften in Kontakt kommt. Um Wissen dahin zu bringen, wo eine grosse Anzahl Menschen sich informiert, müssen also aktuelle Forschungserkenntnisse auf Wikipedial Dazu braucht es oft die vermittelnde Rolle der Wissenschaftskommunikation.

Science and You(th) – Wissenschaft hört dir zu!



Das Projekt hilft Jugendlichen, wissenschaftliche Forschung und neue Technologien im gesellschaftlichen Kontext einzuordnen. Im direkten Kontakt mit Forschenden erarbeiten sie sich Wissen über aktuelle und kontrovers diskutierte Forschungsthemen. Sie entwickeln eine eigene Argumentation und erhalten die Möglichkeit, diese vor Personen aus der Politik zu vertreten.





Overview Citizen Science (Focus: Science et Cité)

2014	Citizen Science in Switzerland. Situation analysis and future perspectives as a first description of the Swiss Citizen Science landscape
2015	Founding of the Citizen Science Network Switzerland and the Secretariat for Citizen Science in Switzerland based at Science et Cité. Development of the platform "Schweiz forscht" (www.schweiz-forscht.ch): Focus on network maintenance, making projects visible, communication.
2017	Founding of the Citizen Science Competence Center (www.citizenscience.ch) as a joint competence center of the University and ETH Zurich: focus on digital tools
2018	Establishment of the Participatory Science Academy PWA (www.pwa.uzh.ch) at the University and ETH Zurich: focus on training and education for co-creation, seed grants for UniZH/ETHZ Projects.
2018	Second European Citizen Science Conference (ECSA) "The Citizen" in Geneva (Host und project management: Science et Cité)
2020	Programm Citizen Science in der Mehrjahresplanung der Akademien der Wissenschaften Schweiz 2021-24
2021	CitSciHelvetia'21: First Swiss Citizen Science Conference (online); Swiss Citizen Science Principles, Impact Model Citizen Science CH
2022	Swiss Expert Group for Citizen Science; Mehrjahresplanung der Akademien der Wissenschaften Schweiz 2025-28
2023	CitSciHelvetia'23: Second Swiss Citizen Science Conference (29 & 30 March in Solothurn)











The Schweiz forscht Network...

- ... is a hub for knowledge exchange and networking of the Citizen Science Community in Switzerland.
- ... offers a variety of different tools, best practice examples and relevant scientific results,
 which are collected, curated and made accessible to different stakeholders
- ... is developed together with the citizen science community and interested stakeholders in a co-design process to ensure that the platform takes into account their interests, needs and expectations

"built by the community for the community"





Feedback Network Schweiz forscht Results of Online Survey







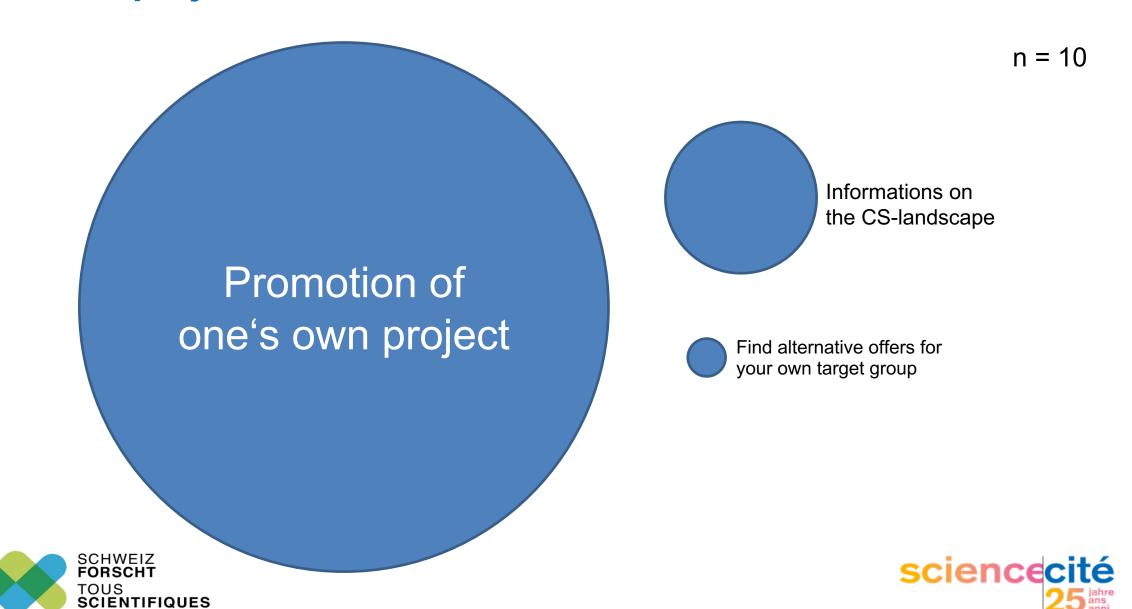
Baseline

- Objective: to find out how the platform should be further developed with the involvement of the project leaders in the Schweiz forscht network.
- Method: Questionnaire to clarify needs regarding expectations of the national citizen science platform.
- The questionnaire contained 3 sections:
- General sentiment
- Potential offerings (covered by partner organizations or Switzerland does research internally)
- (Project) communication
- Survey period 24 April to 10 May 2023





What do project leaders use Schweiz forscht for?



Relevant Topics (Scale 1-10)

- 1. Practical tools for CS (Ø 6.8)
- 2. Science communication (Ø 6.7)
- 3. Funding of CS projects (Ø 6.6)
- 4. Tips & Tricks Recruitment of Citizens (Ø 6.5)
- 5. Open Science (Ø 4.6)
- 6. General information (Ø 4.4)
- 7. Legal issues (Ø 4.3)

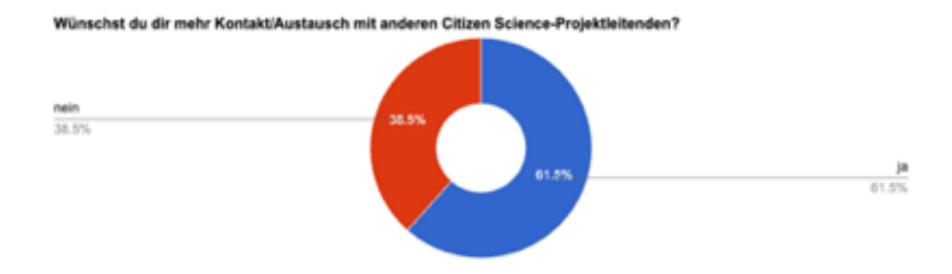




n = 14

Majority wants more contact with peers

$$n = 13$$







Development of the platform

- Content tailored to the community
 - networking opportunities, guidelines, events and funding opportunities.
 - Multilingualism to reach different target groups.
- Focus on science communication
 - Support for project leaders in presenting research results and activities.
 - Illustrating the practical application of Citizen Science through concrete examples.
- curated collection of links with relevant information and resources
- people-centred communication
- project information, updates, long- and short-form interviews





Workshop – co-creating the future of Schweiz forscht







Method: Design thinking

«Design thinking is a creative approach to problem solving that focuses on the needs and perspectives of users.»

Methodological steps:

- 1. Understand
- 2. Define
- 3. Generate Ideas
- 4. Create Prototypes
- 5. Test and gather Feedback
- 6. Iterate





Procedure

- 1. Introduction (5 minutes):
- 2. Distribution of breakout sessions (5 minutes): Participants can choose between three different sessions:

Communication

Practical tools and tips

Free category

- 1. First case giver: Understanding and defining (3 minutes):
- 2. Generate ideas (3 minutes):
- 3. Prototyping (3 minutes):
- 4. Summary and reflection (3 minutes):
- 5. Change of case giver (1 minutes):
- 6. Repeat steps 1 to 4.
- 7. Wrap up (5 minutes):

technical support: flurin.beuggert@science-et-cite.ch





Plenary discussion







Updates from working groups







Swiss Expert Group for Citizen Science

Report on the status of Citizen Science in Switzerland: Contextual Analysis (Challenges), Recommendations, Roadmap

Structure

- 1 Method and Definition
- 2 Status of Citizen Science in Switzerland (and beyond)
- 3) Added Value and Impact
- 4) Funding
- 5) Citizen Science Education (Training)
- 6) Visibility and Communication
- 7) Conclusion, Roadmap





Swiss Expert Group for Citizen Science

Report on the status of Citizen Science in Switzerland: Contextual Analysis (Challenges), Recommendations, Roadmap

Next Steps

- Feedback Loops
- Publication in Spring 2024

Link: https://www.schweizforscht.ch/lernen/arbeitsgruppen/kontextanalyse











What's next?

- Launch of Linkedin Group for and by the Citizen Science Network Switzerland
- Direct connection to the CS-Community and Network
- Peer-Learning Platform
- Hub for all CS-related topics



