

# Librarian's Role and Competence Needs for Supporting Citizen Science

Aistė Pranckutė, Kaunas University of Technology Library

LibOCS project multiplier event: "Collaboration and participation perspectives for open research in the Baltics: researchers, citizens, and librarians as partners", October 25th, 2022

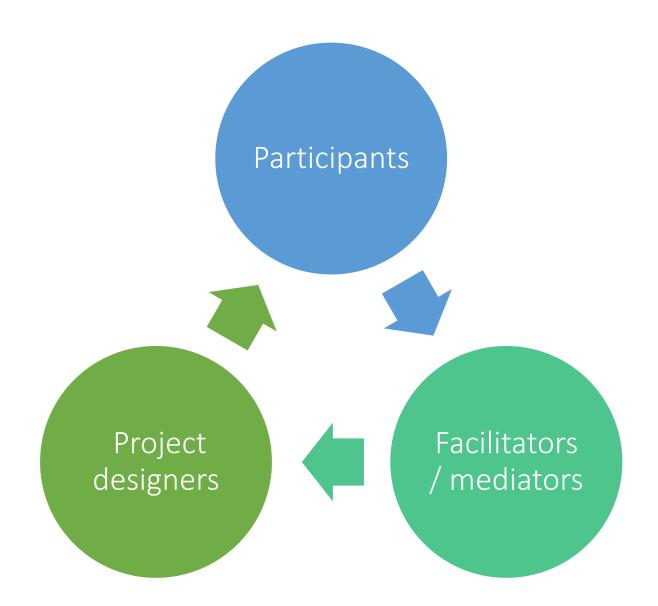


### Agenda

- Librarian's roles in CS activities
- ▶What competences are essential to support CS
- ▶PR3: Training for librarians

#### Librarian's roles in CS projects







## Librarians as facilitators activities in CS project

- Facilitate collaboration between faculty, researchers, students and community to connect citizen scientists and researchers
- Provide opportunities for students to refine their career objectives via hands-on research in their potential fields of study
- Provide data curation services, internet access, technology training, and space for makerspaces and other citizen science work

• ...

Cohen, C., Cheney, L., Duong, K., Lea, B., & Pettway Unno, Z. (2015). Identifying opportunities in citizen science for academic libraries. DOI: DOI:10.5062/F4BR8Q66





- Time savings
- A better reach of community
- Getting support in disseminating research results

•



#### Training needs for facilitating CS projects

#### Core

- CS definition
- Scientific background of the project
- Curricular and pedagogical relevance

#### Operational

- Project design rationale
- Data and technical protocols facilitation
- Platform facilitation
- Lesson plans, teaching methods

#### Engagement

- Facilitating enjoyment
- Communication with participants
- Recognition of achievements
- Participant management

Lorke, J., Golumbic, Y.N., Ramjan, C., and Atias, O., (2019): Training needs and recommendations for Citizen Science participants, facilitators and designers. COST Action 15212 report.

#### Training to develop competencies in CS



OA collection of recourses

Face-to face event

PR3

Design framework for OA modules

5 one-day training sessions at 5 Baltic universities

OA modules co-created by project partners



#### **OPEN ACCESS MODULES OF STAFF TRAINING**

Module 3: roles and skills of university libraries to connect open to citizen science

Module 1:
copyright and
ownership
issues in citizengenerated data:
examples

Module 2:
sustainability of
citizen science in
academia and the
role of
university libraries





## **LibOCS**