

AWARENESS, VIEWS AND EXPERIENCES OF CITIZEN SCIENCE AMONG SWEDISH RESEARCHERS – TWO SURVEYS

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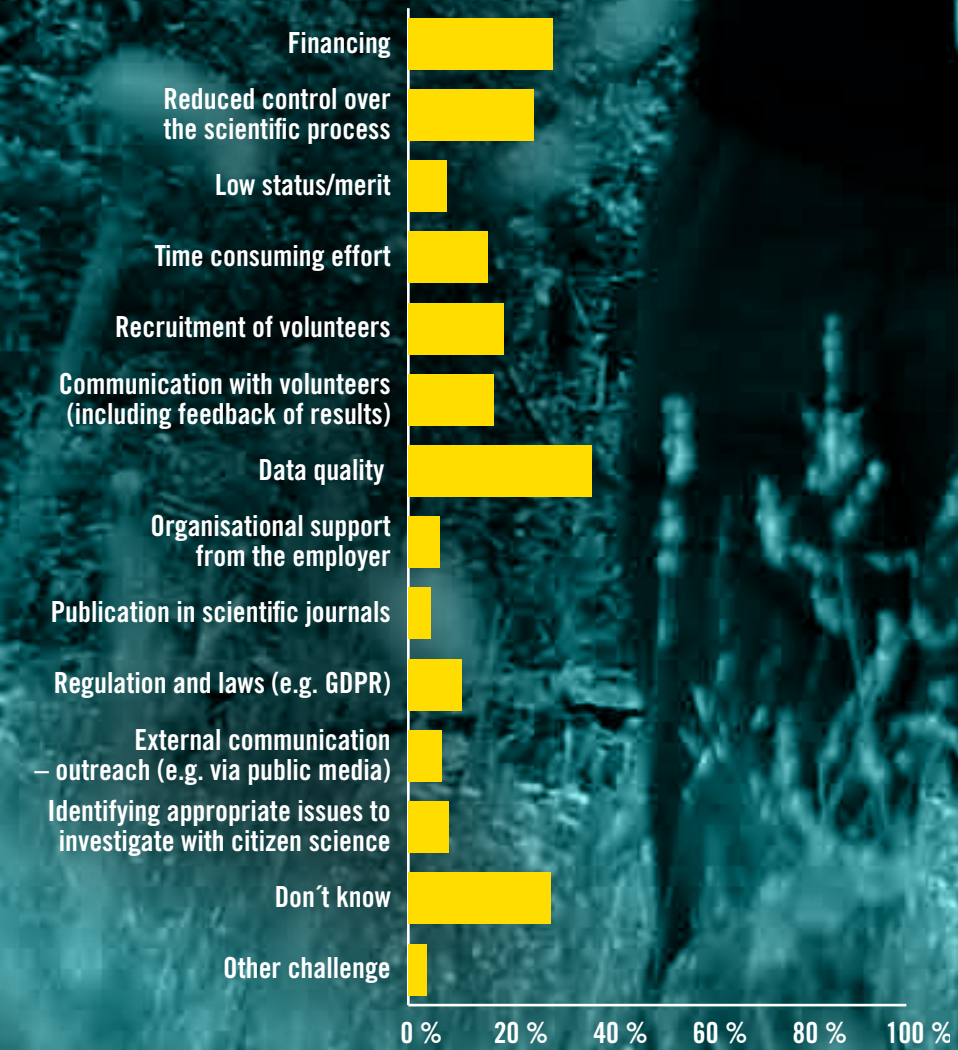
SLU SURVEY (N=636)

- 63 % had heard about CS.
- 61 % of these had not been involved in any CS initiative themselves.
- Respondents involved in CS (n=132) -> researcher (44 %) or coordinator (37 %), volunteer (22 %), environmental analyst (21 %), communicator (11 %), teacher (7 %) and IT developer (2 %).
- Reasons for engaging volunteers in SLU projects -> enable collection of large quantities of data (68 %), improve knowledge base (59 %), improve data quality (24 %), promote participants' understanding in research (21 %) or in a particular matter (17 %) and promote collaboration between SLU and society (20 %).
- The biggest challenges for the CS researcher/coordinator -> data quality (37 %), funding (29 %), reduced control in the scientific process (25 %), volunteer recruitment (19 %), communication with volunteers (17 %) and time demands (16 %).

DOMINANT REASONS FOR ENGAGING VOLUNTEERS IN SLU PROJECTS (85 RESPONDENTS).



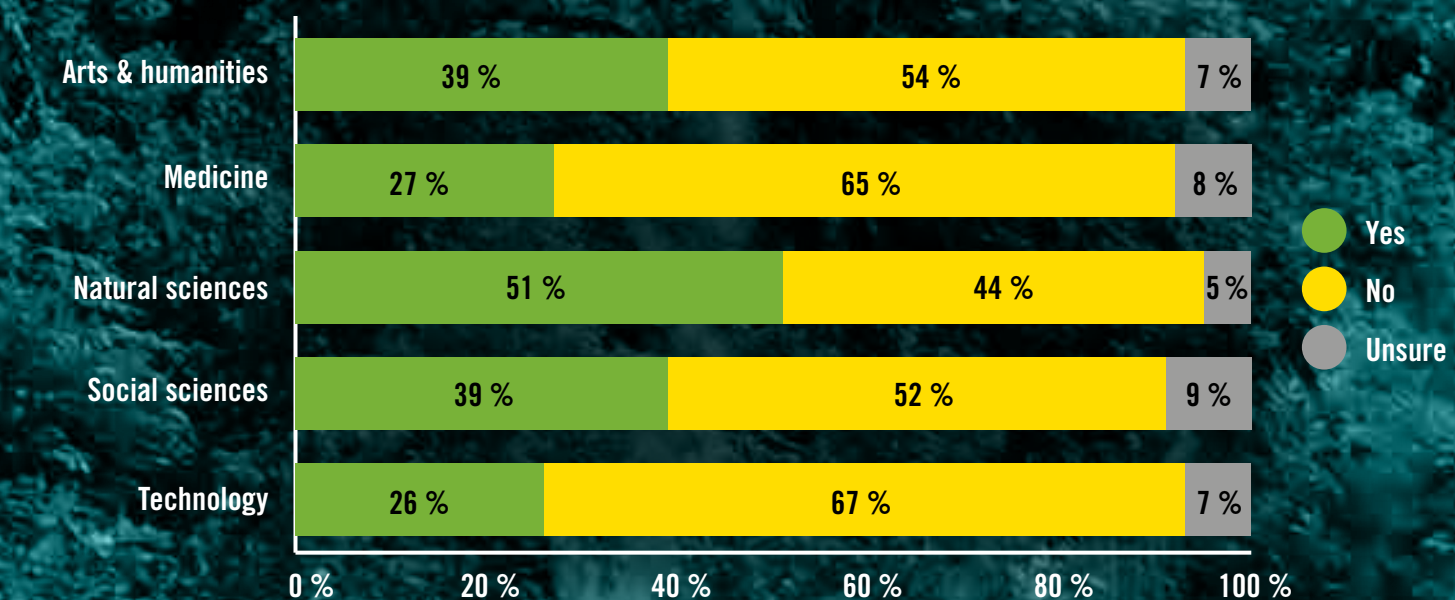
OPINION ABOUT THE BIGGEST CHALLENGES FOR THE RESEARCHER/COORDINATOR WORKING WITH CS (542 RESPONDENTS).



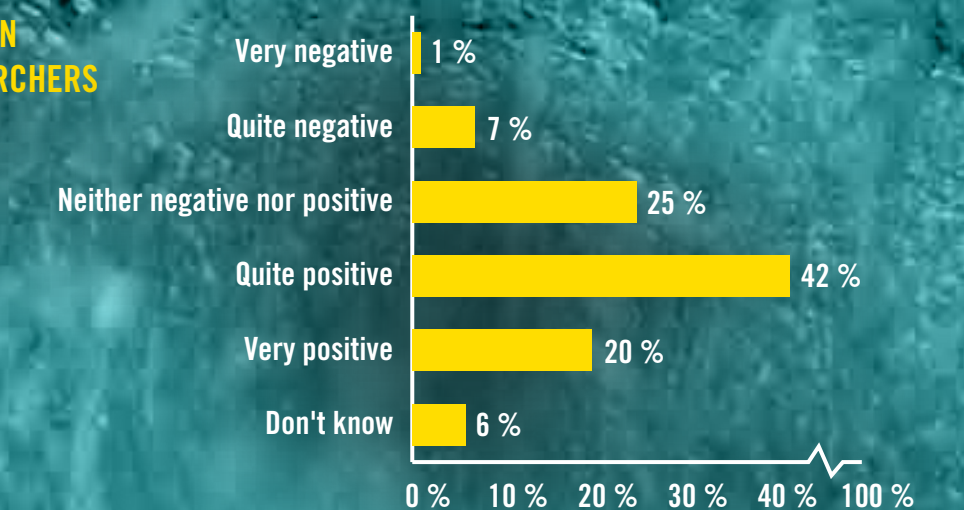
NATIONAL SURVEY (N=3 699)

- 37 % had heard about CS. A larger proportion from the natural sciences (51 %) than from other research areas (26 to 39 %).
- 61 % had not been engaged in any research projects with volunteers.
- 73 % thought that citizens should be able to observe research prioritizations, only 39 % thought that they should participate.
- Among researchers who had heard about CS, 20 % were very positive towards the concept, 42 % were fairly positive; Junior researchers as well as researchers from the natural sciences were more positive towards CS than senior researchers and researchers from the arts and humanities.

PROPORTIONS OF RESEARCHERS FROM DIFFERENT RESEARCH FIELDS, WHO HAVE HEARD ABOUT CITIZEN SCIENCE. NUMBER OF RESPONDENTS: ARTS AND HUMANITIES = 443; MEDICINE = 623; NATURAL SCIENCES = 645; SOCIAL SCIENCES = 1 211; TECHNOLOGY = 702.



OPINIONS ABOUT CITIZEN SCIENCE AMONG RESEARCHERS (1,353 RESPONDENTS).



DISCUSSION

- CS is a far from well-known concept among Swedish researchers.
- While those who have heard about CS are generally positive towards it, researchers overall are hesitant to invite citizens to take part in the research process.
- Researchers from the arts and humanities seem to be the most skeptical with regards to involving citizens in their research.
- If and when citizens are engaged in the research process, it is most likely to help researchers collect data.
- Data quality is seen as the biggest challenge associated with CS.