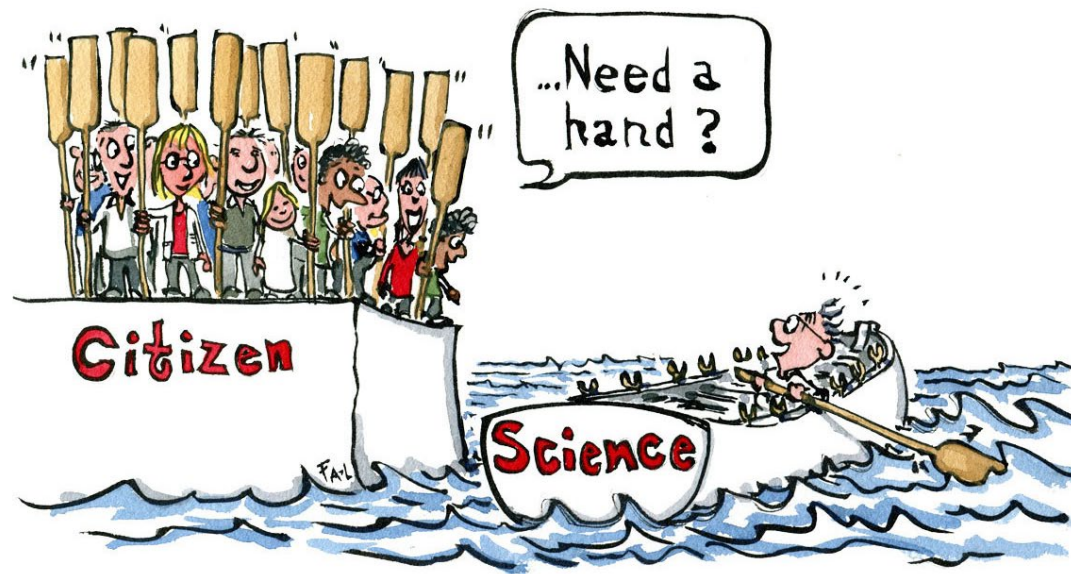


CITIZEN SCIENCE

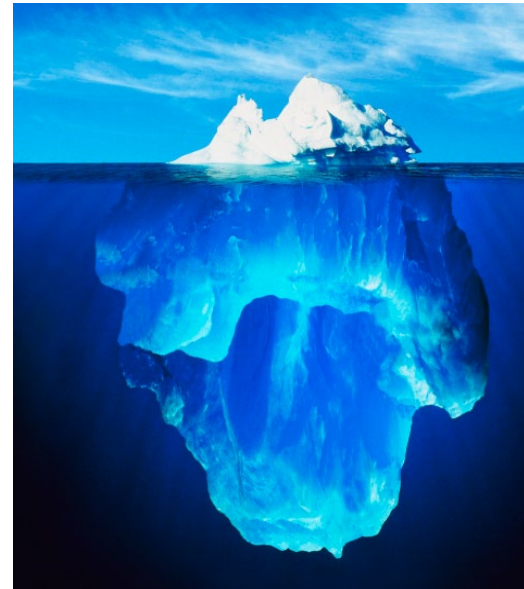
And why it's relevant for the Humanities



Thomas Kaarsted, AntCom summerschool, 06.08.26

Icebreaker: How many research projects are currently online and available for participation?

Globally.



Answer: Min. 5.000

(Haklay 2021)



TODAY:
Citizen Humanities
State-of-the-art
Cases
Challenges
Tips & tricks
Dialogue!

Participation in citizen science

Level 4 'Extreme'

- Collaborative science – problem definition, data collection and analysis

Level 3 'Participatory science'

- Participation in problem definition and data collection

Level 2 'Distributed intelligence'

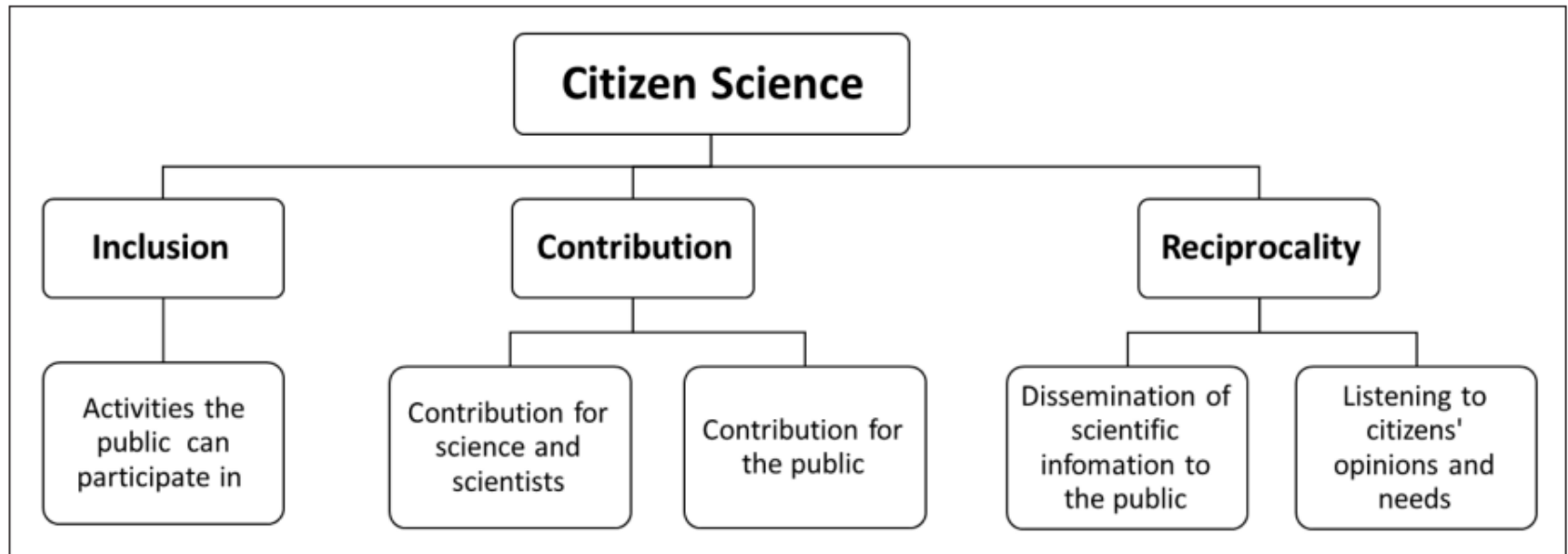
- Citizens as basic interpreters

Level 1 'Crowdsourcing'

- Citizens as sensors

What is Citizen Science?

Source: Golumbic et al. 2017



Citizen Humanities

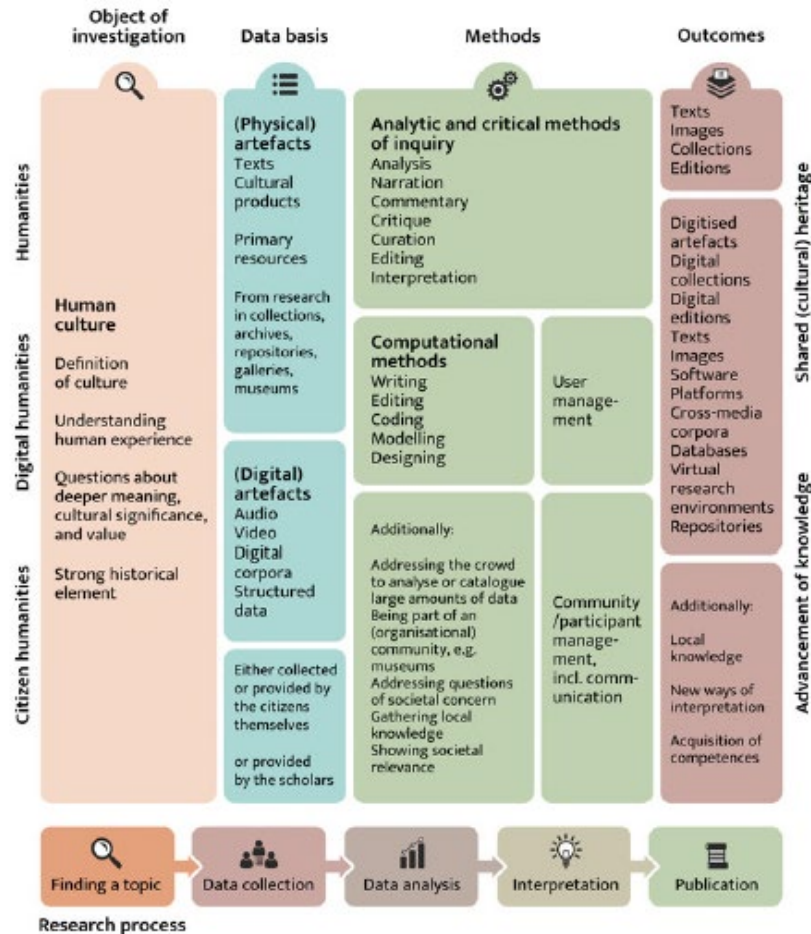


Fig. 6.1 Comparison of humanities, digital humanities, and citizen humanities throughout the research process

- Interpretation, critical thinking, and analysis important methods
- Relevant for studying the human dimension: Motivation, impact, and outcome for participants
- Local knowledge, historical context, relevance of the humanities

EDITORIAL • 03 OCTOBER 2018

The best research is produced when researchers and communities work together

Knowledge generated in partnership with the public and policymakers is more likely to be useful to society and should be encouraged.



 [PDF version](#)

RELATED ARTICLES

Nature special: Co-production of research



Different perspectives on Citizen Science

Different focus on impact

Passani et al. (2022)



Two & Two: what is the potential?



Cases

Citizen Humanities at SDU



**Ant —
Com**
From Antiquity
to Community



Litteraturen rykker ud

TV2/FYN

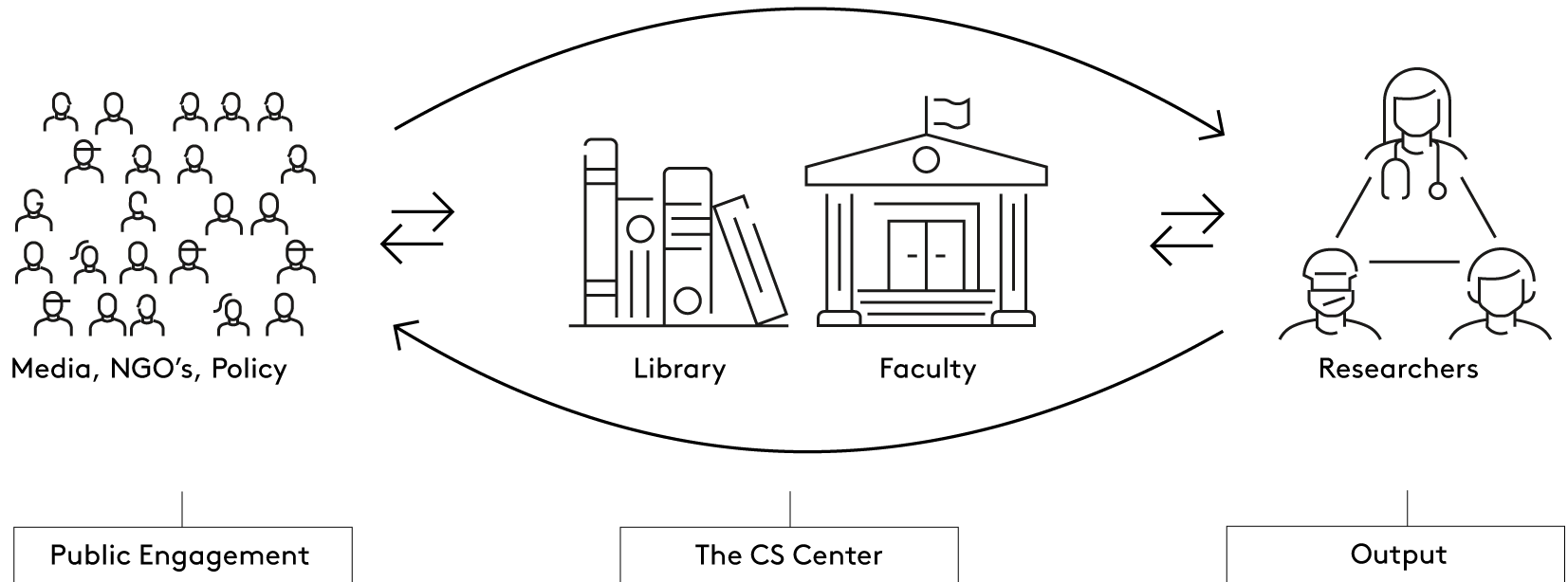
OUH
Odense Universitetshospital
Svendborg Sygehus

SDU

SDU Citizen Science

- a partnership

Mission:
To bring citizens closer to science
- and scientists closer to society



Vores Historie

SDU
Citizen Science
Knowledge Center



- 2021-
- Historie (STX + HHX + HTX)
- Indsamler, analyserer og formidler interviews
- 3 forløb gennemført
- 44 klasser
- Undervisningsforløb på online platform (ca. 10 lektioner)
- Output: 300+ interviews / 280+ postere

Nu

- 30 klasser deltager i hele landet
- Funded af Velux med knap 9 mio. kr.
- Der skal indsamles 1000 interviews i alt





Climate Future Fiction

- Efteråret 2022-
- Pilot 1+2
- Skriver og analyserer short stories (forskningsdata)
- Engelsk (STX)
- Forløb på 6-8 lektioner
- Outcome: 152 short stories / 38 analyser / 152 refleksioner

Fremtid

- Forskerne søger funding til at opskalere projektet



GLAM

"In this sense participatory communication models in memory institutions and in galleries, libraries, archives, and museums (GLAMs) overlap in interesting ways with science communication models more generally, where the "participation explosion" in science (Einsiedel, 2008)



CITIZEN SCIENCE:
THEORY AND PRACTICE

[Start Submission](#)

Collections



COLLECTION

Lessons, Challenges, and Opportunities
in Participatory Science from a Galleries,
Libraries, Archives, and Museums Perspective



DIGIKULT 2024

1–3 OKTOBER

Digikult är en nordisk mötesplats för digitalt kulturarv i praktiken. Idén är att skapa ett forum för alla som är intresserade av digitalt kulturarv, och att lägga fokus på praktik och resultat.



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More than 2,900 digitised maps from the most magnificent atlases in the Zentralbibliothek Zürich were geographically located by volunteers.



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Adventures in time for schools

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The 'Adventures in time for schools' are part of the Zentralbibliothek Zürich's strategic focus on [Citizen Science](#).

Two & Two: any you find relevant?



Challenges

#1. Research design

#2. Is my project relevant?

#3. How do I find the resources

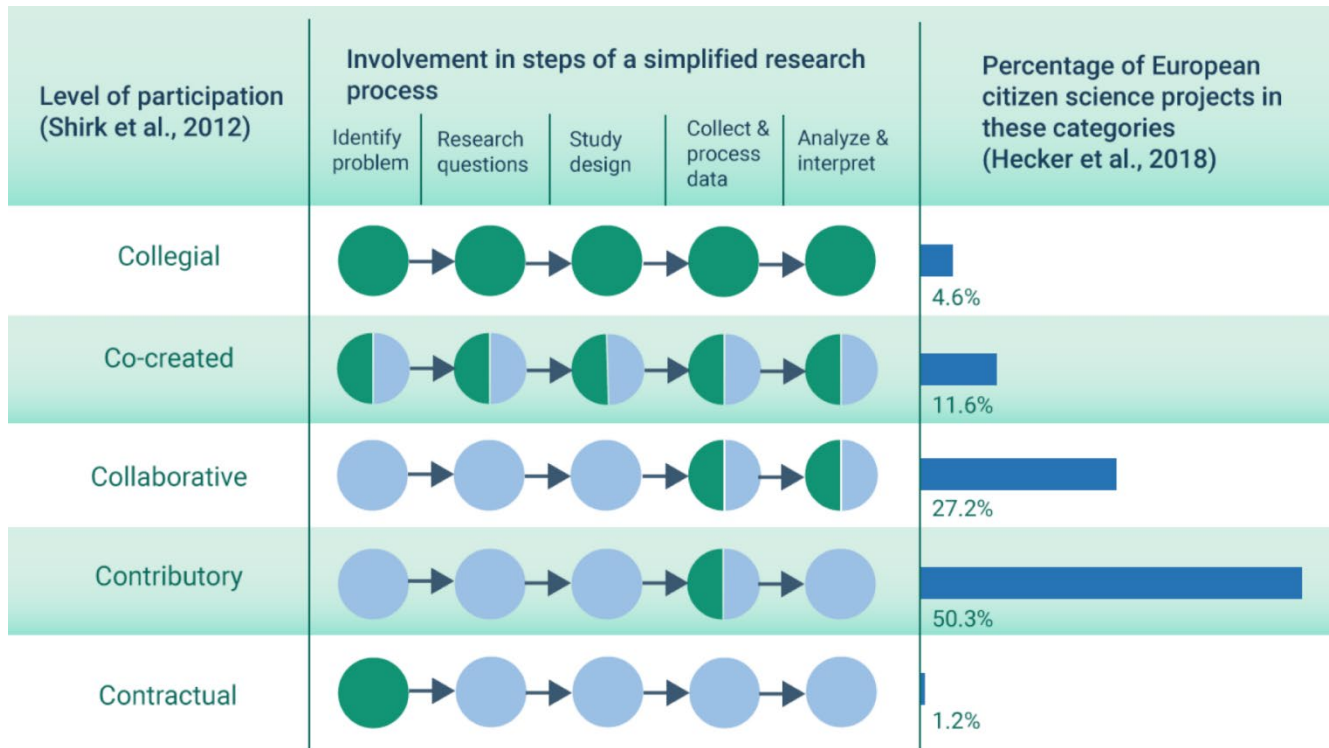
#4. Is my project ethically sound?

**#5. The data quality
must be rubbish!**

Tips & tricks

#1. Research design

– *make tough choices!*



#2. Relevance - *what is the actual need for the community?*

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New developments

New development: Citizen science—discovering (new) solutions to wicked problems

Ian R. Hodgkinson, Sahar Mousavi & Paul Hughes

Pages 133-136 | Published online: 27 Aug 2021

 Download citation  <https://doi.org/10.1080/09540962.2021.1967630>  Check for updates

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#3. Resources – *who can help?*

CIVIL SOCIETY

NGO's	Libraries
Associations	Foundations
Cooperatives	Trade unions
Think tanks	Clubs
Churches	Public service media
Bloggers	Online communities

EDUCATION

Public schools	High schools
Universities	Night schools
Informal learning organizations	

GOVERNMENT

International level	National level
Regional level	Municipalities
Agencies	Authorities
GLAM institutions	

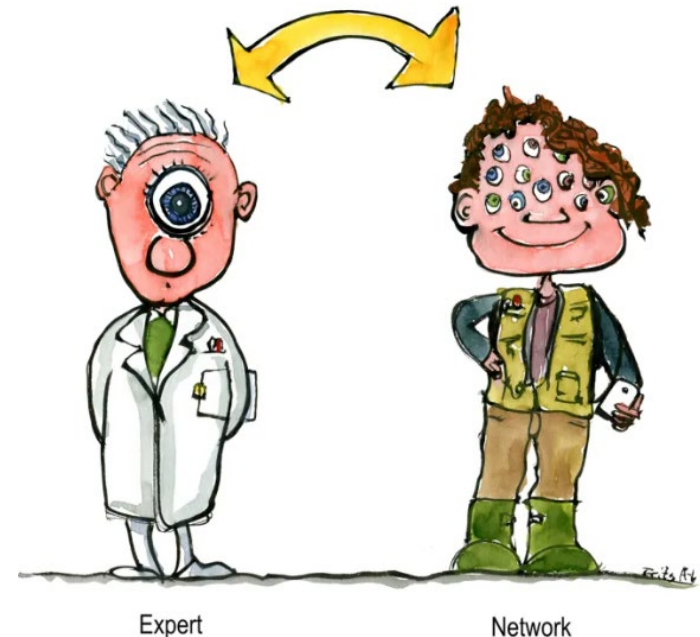
PRIVATE SECTOR

Businesses	Industry
Privately owned media	
Crowdfunding hubs or platforms	

#4. Ethics – *it's not about you!*

"Inclusivity and Reciprocity: Projects should embrace inclusivity, sensitivity, and mutual benefit (reciprocity) between researchers and the community"

Chesser et al. (2017)





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References

Drawings by Frits Ahlefeldt.

Citizen Science: Theory and Practice. Published by the Association of Advancing Participatory Practices. <https://theoryandpractice.citizenscienceassociation.org/>

Chesser et al. (2017): Cultivating Citizen Science for All. *International Journal of Social Research Methodology*, vol. 23, issue 5.

Einsiedel, E.F. (2008). Public Participation and Dialogue. In M. Bucchi & B. Trench (Eds.), *Handbook of Public Communication of Science and Technology*, pp. 173– 184. London: Routledge.

Haklay, M. (2021). Geographic citizen science: an overview. In: Skarlatidou, A. et al. (eds.) *Geographic Citizen Science Design: No one Left Behind*. UCL Press, London.

Heinish et al. (2021): Citizen Humanities. In: Wohland et al. (eds). *The Science of Citizen Science*, page 97-118. UCL Press.

Hodgkinson, I.R. et al. (2022). New development: Citizen Science – discovering (new) solutions to wicked problems. *Public Money & Management*, vol. 42, issue 2.

Kosmela, M. et al (2016): Assessing data quality in Citizen Science. *Frontiers in the Ecology and the Environment*, vol. 14, issue 10.

Passani A. et al. (2022). A participatory, multidimensional and modular impact assessment methodology for Citizen Science. *fteval JOURNAL*, vol. 53, pp. 33-42