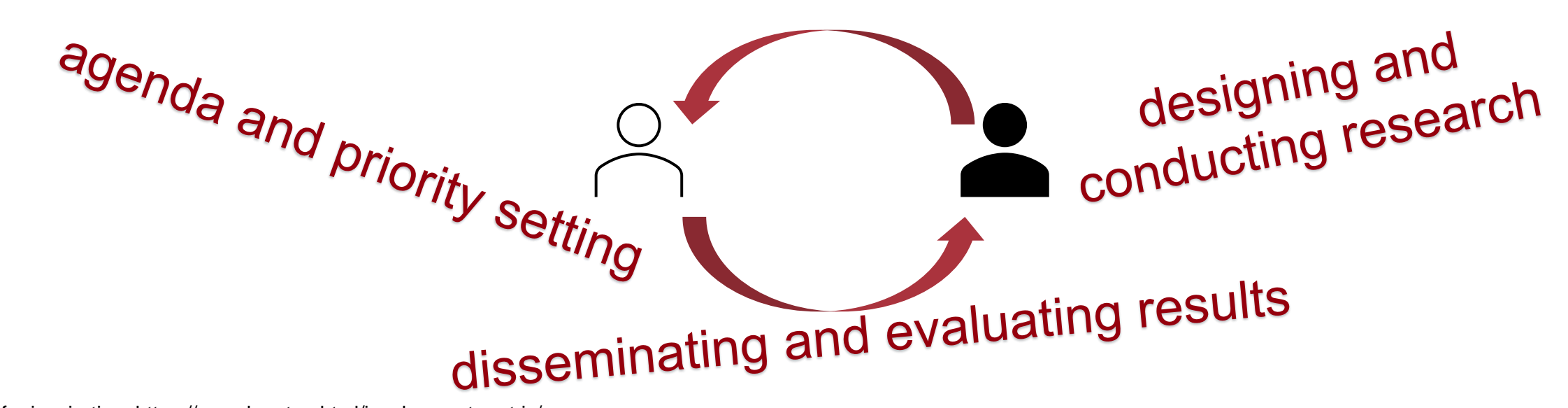


# Citizen Science from a health funder's perspective

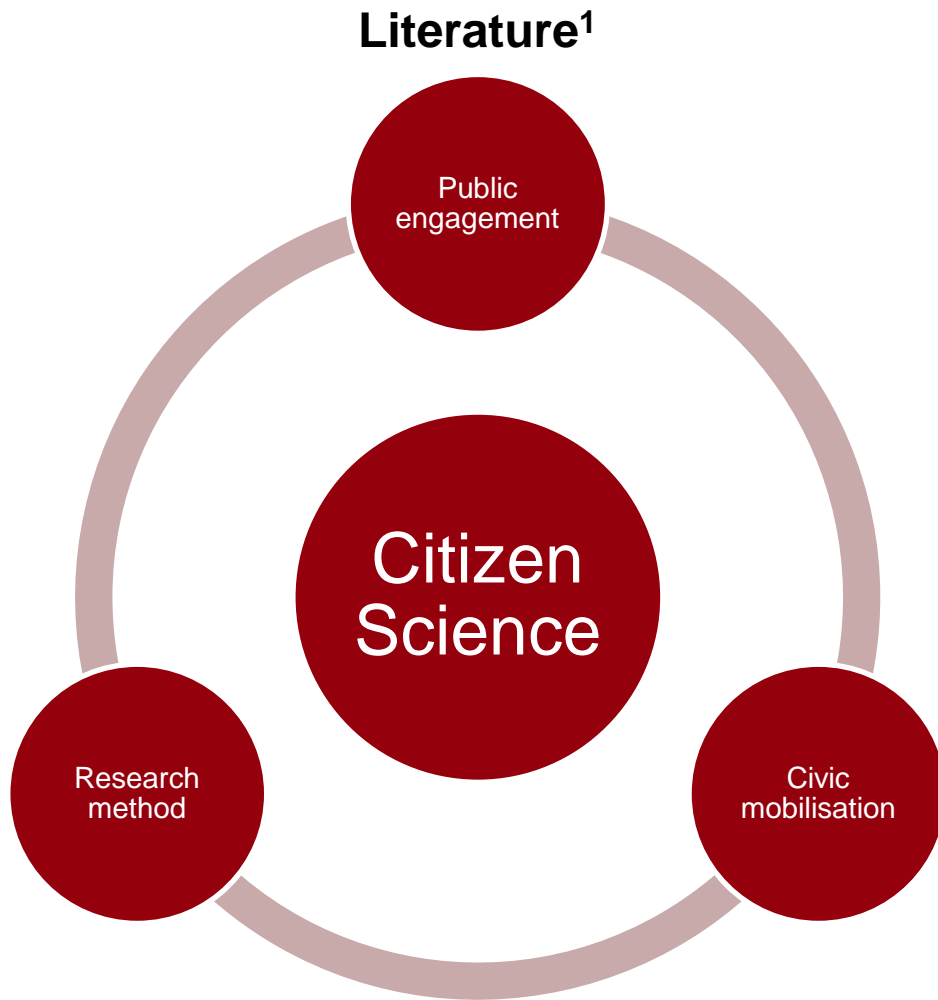
Experimenting with Citizen Science in the context of (inter)national research funding  
programming

## What is Citizen Science?

- participation of citizens (e.g. as patients) in scientific research
- participation of scientific researchers in citizen-driven research



# Components and benefits of Citizen Science for RRI



1) Kasperowski (2017), <https://doi.org/10.31235/osf.io/tfsgq>

# ZonMw Framework Fostering Responsible Research Practices: criteria and indicators for planning, monitoring and evaluation<sup>1</sup>

Societal relevance	Quality		
	Scientific quality	Integrity	Efficiency
Stakeholder participation* #	Innovation of methodology #	Transparency/Openness of research/(pre)registration	Use of existing data/eResearch/citizen science #
Co-financing*	Diversity in research content	Replication (research)	Stimulation of systematic reviews/knowledge syntheses
Divers composition of steering committees #	Practice-oriented research	Prevention of publication bias	Appropriate (alternative) designs #
Holistic health concepts (e.g. positive health)	Pioneering/Innovative research #	Education and quality assurance	Handling of (potential) inclusion/operational problems
Participative knowledge infrastructure	Interdisciplinary and international cooperation and knowledge development	Conflicting positions/interests	Efficient arrangement of own programming processes
Added value of knowledge in policy, practice and education*	Diversity/Variety of assessment process #		
	Variety of (transfer of) output*		

\* Productive Interactions: relational factors that promote societal knowledge utilization ([www.siampi.eu](http://www.siampi.eu))

# Possible contribution of Citizen Science

## How does this fit the EViR consensus statement?

### EViR consensus statement

[...]as funders we will maximise the value of research we fund when:

- we set justifiable research priorities;
- we require robust research design, conduct and analysis;
- we seek to ensure that research regulation and management are proportionate to risks;
- we seek to ensure that complete information on research methods and findings from studies is accessible and usable.



# Learning and experimenting with Citizen Science

1

List with key points for L&E

2

Developing online course for researchers<sup>1</sup>

3

Improving quality assessment of CS projects and setting shared standards<sup>1</sup>

4

Building networks

## Reflections from a funder's perspective

- Piloting with '**coalition of the willing**' for accumulation of small wins
- Mix & match on the basis of **10 ECSA principles**<sup>1</sup>
- CS strategies should adaptively address the core question: **What do we want to achieve** (outcomes), **why and when** (context), **how and with whom** (engagement)?
- Critical appraisal of '**facts & figures**' and '**feelings & beliefs**' incorporated as baseline for comprehensive impact
- Key issues regarding 1(C)+1(S)=3(CS): **continuity, inclusion, training**
- Self-reflection: How to be a **trusted changemaker**, without taking over responsibility?

1) See [https://ecsa.citizen-science.net/wp-content/uploads/2020/02/ecsa\\_ten\\_principles\\_of\\_citizen\\_science.pdf](https://ecsa.citizen-science.net/wp-content/uploads/2020/02/ecsa_ten_principles_of_citizen_science.pdf)

# Thank you

## More information on Citizen Science and Impact/RRR

- Citizen Science and ZonMw [Dutch]

[https://publicaties.zonmw.nl/fileadmin/zonmw/documenten/Maatschappelijke\\_impact/Citizen-Science-en-ZonMw\\_extern\\_.pdf](https://publicaties.zonmw.nl/fileadmin/zonmw/documenten/Maatschappelijke_impact/Citizen-Science-en-ZonMw_extern_.pdf)

- ZonMw network meeting Citizen Science [English summary]

[https://publicaties.zonmw.nl/fileadmin/zonmw/documenten/Maatschappelijke\\_impact/Netwerk\\_Bruikbaar\\_Onderzoek/English-summary-network-meeting-citizen-science.pdf](https://publicaties.zonmw.nl/fileadmin/zonmw/documenten/Maatschappelijke_impact/Netwerk_Bruikbaar_Onderzoek/English-summary-network-meeting-citizen-science.pdf)

- ZonMw-policy on advancing impact [Dutch]

<https://www.zonmw.nl/impactversterken>