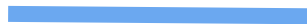


Hi!



Citizen Science and Co-creation
The Alan Turing Institute
15/02/2022

Hi! I'm Sophia.

Neuroscientist, researcher, and
builder of a brighter tomorrow.

I'm a contributor to AutSPACES
and The Turing Way, and a fierce
advocate for Citizen Science.

 @brainonsilicon



Understanding the **Ethical, Inclusive, and Collaborative** benefits of **Citizen Science**.

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This is a quick presentation,
so if you have a question:

- Note the slide,
- And we'll have time for a discussion at the end.

What is Citizen Science?

Citizen Science is the practice of public participation and collaboration in scientific research*.



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Citizens take an active role in the scientific process in collaboration with researchers; from forming research questions and methods, to curating data and disseminating findings.



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Citizens doing science
=
Citizen Science.



Understanding the **Ethical**, Inclusive, and Collaborative benefits of Citizen Science.

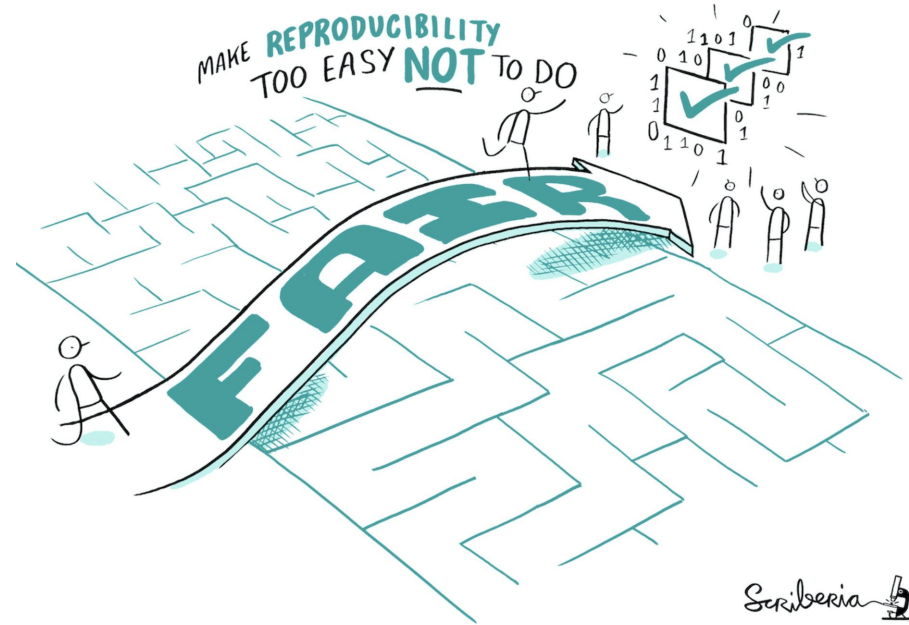
Ethical benefits of Citizen Science.

- **Increases scientific validity and research integrity.**
- Recognition of contributions.
- Upholding personal autonomy.



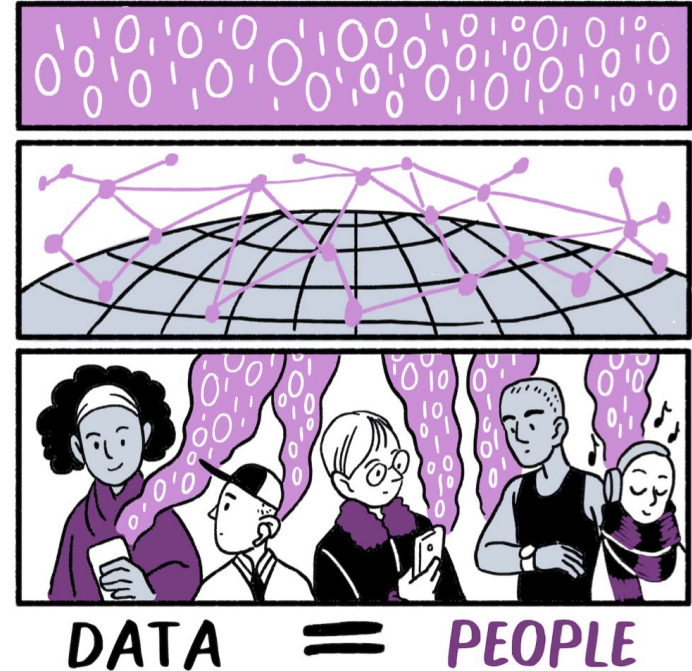
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Scriberia 

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Watchel's Social Window.

Doing science **WITH** the community, rather than conducting research on or for the community.

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Watchel's Social Window.

Doing science **WITH** the community, rather than conducting research on or for the community.

Emphasis is placed on **collaboration** and upholding personal autonomy to provide a **high level of support** alongside a **high level of control**.

Understanding the Ethical, **Inclusive**, and Collaborative benefits of Citizen Science.

“Nothing about us, without us”

- political mantra of the Disability Rights Movement

Inclusion in Citizen Science.

- Reduces bias throughout research cycle.
- Research developed, delivered, and disseminated in context.
- Equitable access to knowledge.

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Born in Bradford.

Active inclusion during the research process ensures that the research meets the community's needs, and that methods are implemented safely and respectfully.

Inclusion in Citizen Science.

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- Research developed, delivered, and disseminated in context.
- **Equitable access to knowledge.**



Understanding the Ethical, Inclusive, and Collaborative benefits of Citizen Science.

“It takes a village”

- African proverb

Collaborative Benefits.

- **Achieves more.**
- Contributes to a community of knowledge.
- Knowledge exchange.

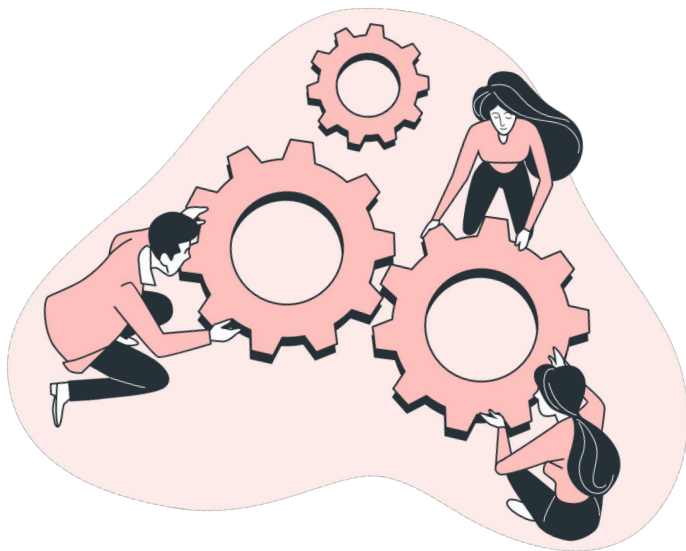


Collaborative Benefits.

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Creating virtuous cycles...



Accessible + Inclusive

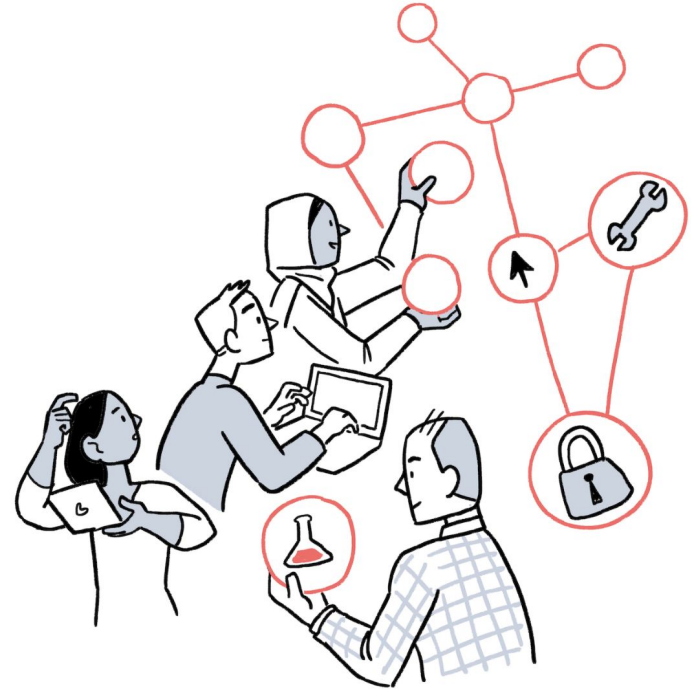
By increasing the accessibility of a project, it becomes more inclusive.
By being more inclusive, the project can do more.

Active Co-creation

An active and inclusive environment supports collaboration and engagement from a wider community.

Collaborative Benefits.

- Achieves more.
- Contributes to a community of knowledge.
- **Knowledge exchange.**



Scriberia 

There is no comparison for expertise through lived experience.

When experts by study and by experience do science...

GREAT THINGS HAPPEN!

Science is for everyone.





Thank You!

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What questions
do you have?

