Legend
- ● Person
- ▼ Research institute
- ◆ Public sector / Government body
- ● Private industry
- ● Non-profit
- ● Consortium
- ■ Turing programme
- ■ Project

Open research is silo'd, limiting our efficacy for collaboration and understanding of system change

We need a detailed, global open research map

Cassandra Gould van Praag (she/her)

Open research is silo'd

- Open research actors in the same city do not know each other

  - Closed knowledge of relationships and activities
  - Exclusion, dilution of power, and inefficiencies

- Mapping projects have been incomplete and relied on static (expired) data

  - None have used best practice in open collaboration or community-generated standards

- We cannot effectively strategize or monitor system change with incomplete data
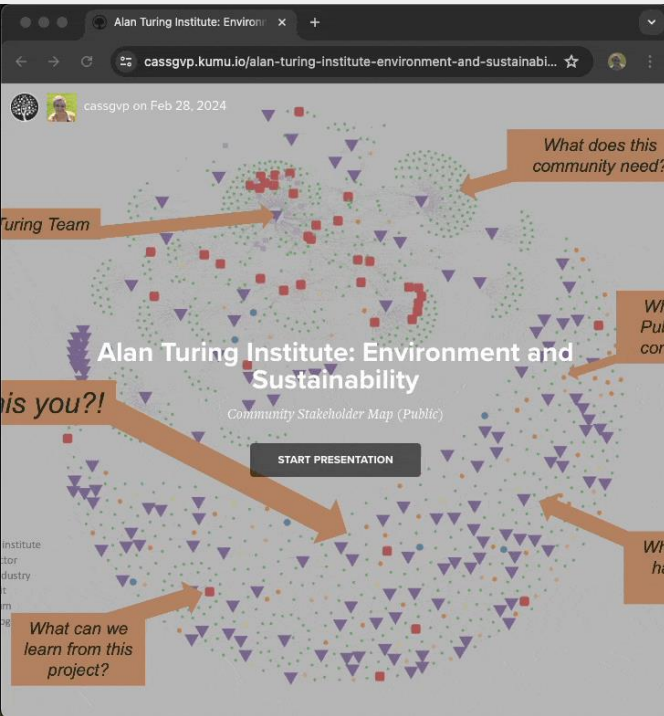
Open research evidence synthesis

Open research map

BUILD Live map of global open research activities

- High quality data for system change analysis
- Community resource for visibility and collaboration

VIA Empowered community of contributors

- Formal community building methods for sustainability
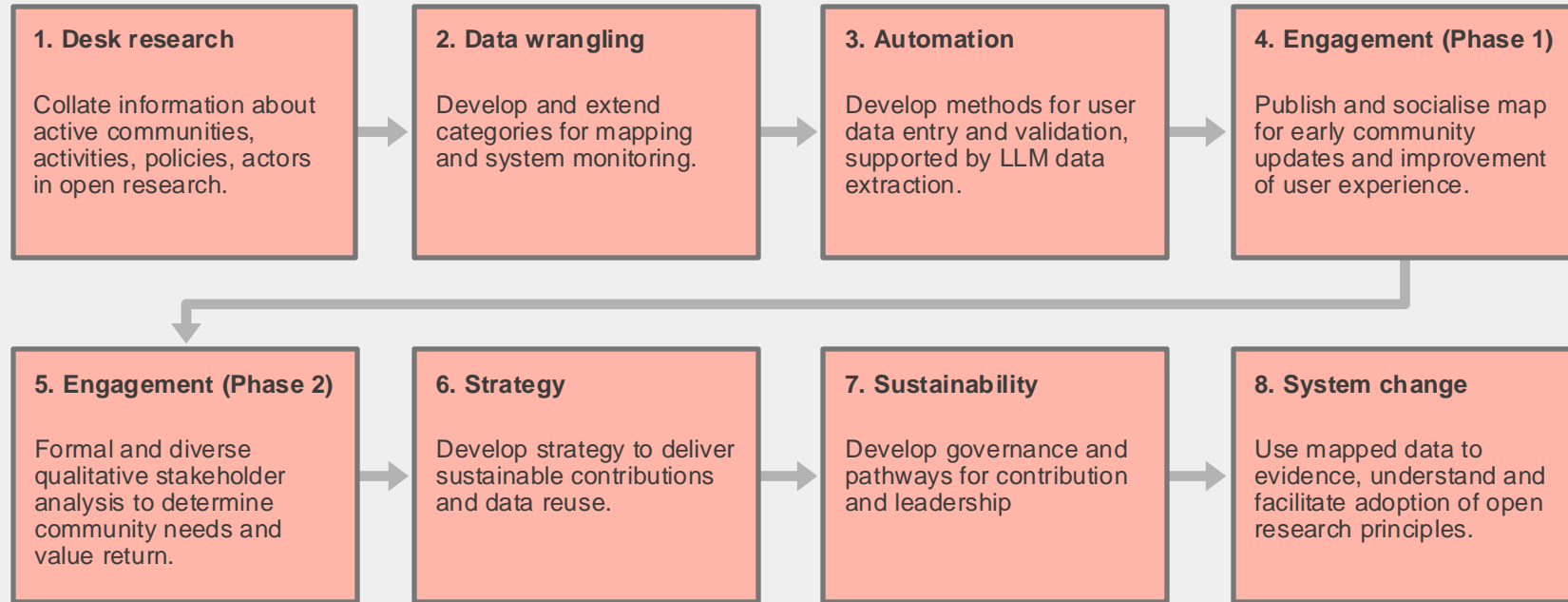- Considered design to maximize user return

USING Suite of open-source tools for research community management

- Community strategy and reporting
- Integrations for efficient management

Roadmap

1. Desk research Collate information about active communities, activities, policies, actors in open research.	2. Data wrangling Develop and extend categories for mapping and system monitoring.	3. Automation Develop methods for user data entry and validation, supported by LLM data extraction.	4. Engagement (Phase 1) Publish and socialise map for early community updates and improvement of user experience.
5. Engagement (Phase 2) Formal and diverse qualitative stakeholder analysis to determine community needs and value return.	6. Strategy Develop strategy to deliver sustainable contributions and data reuse.	7. Sustainability Develop governance and pathways for contribution and leadership	8. System change Use mapped data to evidence, understand and facilitate adoption of open research principles.

doi: 10.5281/zenodo.13971284 CC-BY 4.0

Milestones

Q1. Set up

- Consultants engaged
- Key stakeholders engaged
- Tool requirements agreed
- Community docs and roadmap shared

Q2. Prototype

- Prototype deployed
- UX and design testing
- Community engagement systems in use

Q3. Hackathon

- Community aims and outputs agreed
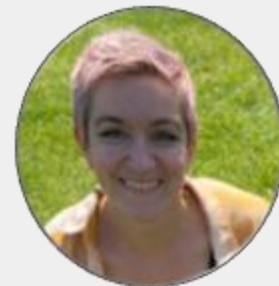- Governance agreed
- Funders engaged

Q4. Sustainability

- Funding for Y2-4 secured
- Key stakeholder memorandums of understanding in place

Credentials

- Senior Research Community Manager (RCM)

    o   Experience building community strategy, infrastructure and events

    o   Alan Turing Institute, University of Oxford, and independent community groups

- Large scale data infrastructure and tooling

    o   Open Research Calendar: n>1,300 community contributions since 2021

    o   Actionable stakeholder mapping (tinyurl.com/turing-es-map)

    o   Qualitative and quantitative research skills (PhD brain imaging and Informatics)

    o   Expertise and research data management design and GDPR

- Influential open and ethical research advocate

    o   International speaker and leader in open research and EDI

    o   Contributor to global community, monitoring and funding initiatives

OPEN RESEARCH MAP

Community contributed

Empower community to grow organically

Visibility and collaboration

Make contributions valuable – return to individuals

Expert open RCM

Showcase best practice in open research

Extensive data

Broad scope to make the data valuable for reuse

Interactive

Engaging front end for compelling communication

System change

Significant contribution to understanding reform