

# The Alan Turing Institute

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## *The Turing Way* Practitioners Hub *Fireside Chat*

Fireside Chat: 11 December 2023



# The Turing Way

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An open science project and **community-driven handbook** on data science and research practices.

**5 years**; 450+ co-authors; 5000+ monthly users, informal **collaboration with 50+ organisations**; citations in peer reviewed papers, reports, policies and articles; two awards; **influenced and inspired many resources & community projects**.



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# The Alan Turing Institute

UK's National Institute for Data Science and AI

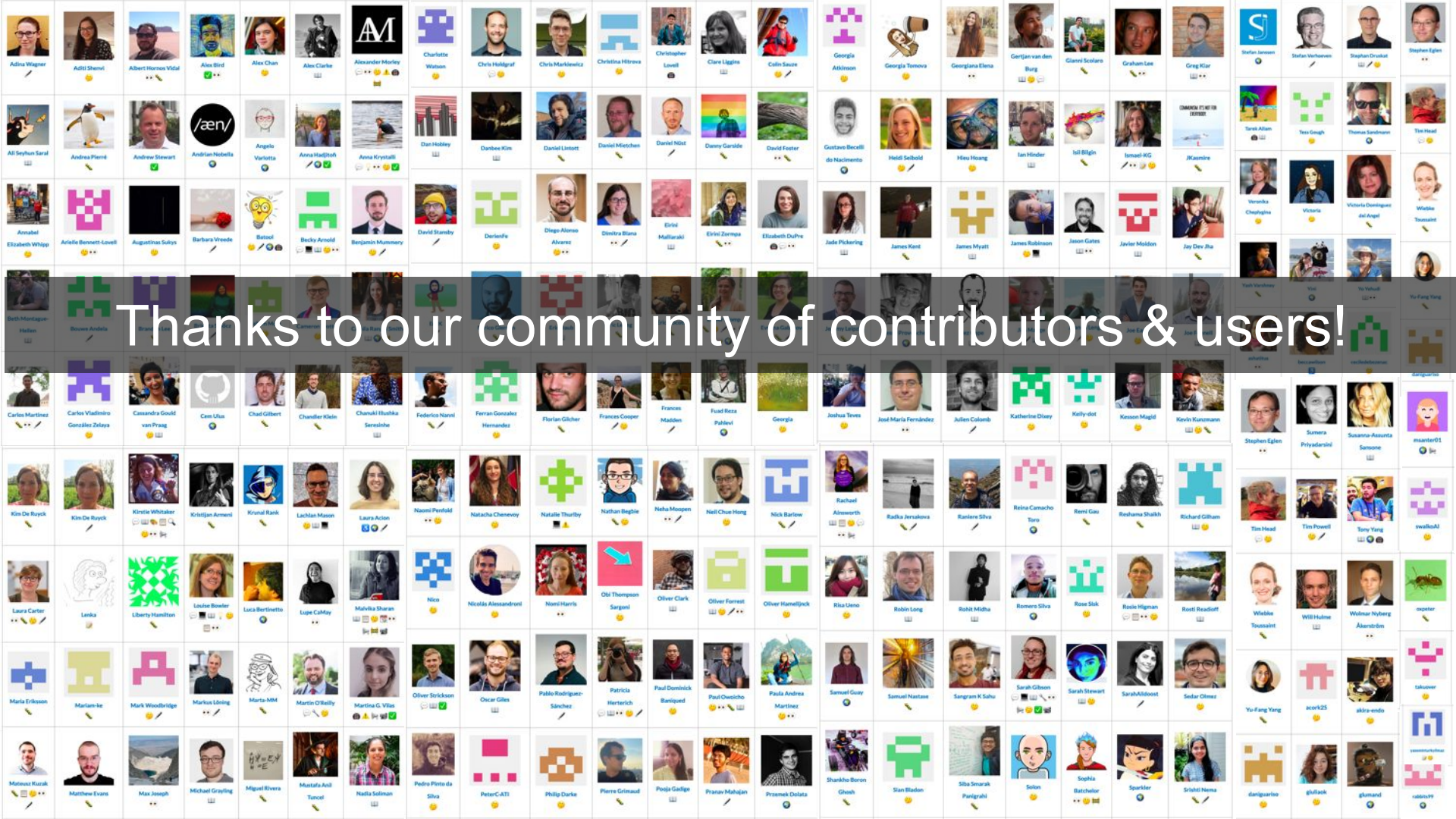
- Advance world-class research and apply it to national and global challenges
- Build skills for the future
- Drive an informed public conversation



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# The Turing Way Code of Conduct

- Code of conduct: <https://the-turing-way.netlify.app/community-handbook/coc.html>
- If you experience or witness unacceptable behaviour, or have any other concerns, please report it by contacting the project members ([theturingway@gmail.com](mailto:theturingway@gmail.com)).
- To report an issue at this event involving one of the organisers, please email one of the project leads individually ([kwhitaker@turing.ac.uk](mailto:kwhitaker@turing.ac.uk), [msharan@turing.ac.uk](mailto:msharan@turing.ac.uk))
- You can also reach out to our Code of Conduct reporting facilitators [Anne Lee Steele](#) ([asteele@turing.ac.uk](mailto:asteele@turing.ac.uk)) and [Alexandra Araujo Alvarez](#) ([araujo.alvarez@turing.ac.uk](mailto:araujo.alvarez@turing.ac.uk)).



Thanks to our community of contributors & users!

# Scaling the impact of The Turing Way

Systematic approach for **cross-sector collaboration**, knowledge exchange and skill building with **organisations leading data science initiatives**.

Combining grassroots championing of best practices with **system-level adoption and culture change**.



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# Scaling the impact of The Turing Way

Funded by the **InnovateUK Bridge AI** and The Alan Turing Institute.

Mission is to help businesses in **high growth potential sectors** such as agriculture and food processing, construction, creative and transport to **harness the power of AI and unlock their full potential.**

## BridgeAI

Empowering UK organisations to harness the power of AI through support and funding, bridging the AI divide for a more productive UK.



Innovate  
UK

BridgeAI

CATAPULT  
Digital



Science and  
Technology  
Facilities Council  
Hartree Centre

The  
Alan Turing  
Institute

bsi.

# The Turing Way Practitioners Hub: Cohort 1

The inaugural cohort from **June to December 2023** brought together **five Experts in Residence** from *The Turing Way* and the BridgeAI networks.



**Lucy Stephenson**  
Scientific Data Coordinator



**Rowan Hemi**  
Data Scientist - Office for National Statistics



**Stephen Haben**  
Senior Data Science Consultant - Energy Systems Catapult



**Wanjia Tang**  
Head of Data - DigiHaul



**Dr Maxine Mackintosh**  
Programme Lead – Diverse Data, Genomics England



**Raphael Sonabend**  
Previous Open Source Manager (Currently: Director of OSPO Now)





# Practitioner Hub's "Expert in Residence"

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- Cohort of Experts in Residence representing different sectors
- Recognising their leadership for advocating for best practices
- Providing professional skill building opportunities and expert consultation
- Co-creating case studies capturing 'open practices' in their org/sector
- Providing a forum to highlight, connect and elevate their work



# A fireside chat with the Experts in Residence

Adopting open source in Data Science & AI across sectors: Case Study Series

11 December, 15:00 - 16:30 GMT

*Register on Eventbrite*



**Lucy Stephenson**

Scientific Data Coordinator  
British Antarctic Survey



**Maxine Mackintosh**

Programme Lead for Diverse Data  
Genomics England



**Rowan Hemsli**

Data Scientist  
Office for National Statistics



**Stephen Haben**

Senior Data Science Consultant  
Energy Systems Catapult



**Wenjia Tang**

Head of Data  
DigiHaul



**Raphael Sonabend**

Director  
OSPO Now



*Launching the first case study series on Zenodo*

# Read and share case studies






<https://zenodo.org/communities/the-turing-way>

## Exploring the intersection of data science and open practices at British Antarctic Survey

Stuart Gillespie  James Byrne  Melody Clark   
Matthew Gascoyne Lucy Stephenson  Alexandra Araujo Alvarez   
Kirstie Whitaker  Malvika Sharan 






11 December 2023

## Meet the ONS open sourcers: promoting practices for working in the open

Stuart Gillespie  Dan S. Rich Leyshon Ross Bowen  
Rowan Hemi Alexandra Araujo Alvarez  Arielle Bennett   
Kirstie Whitaker  Malvika Sharan 









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## The power of collaboration: creating maximum value from open source energy projects

Stuart Gillespie  Alison Halford Catherine Jones Damon Roberts  
Robbie Morrison Samuel Young Selina So Stephen Haben   
Alexandra Araujo Alvarez  Kirstie Whitaker  Lucy Killoran   
Malvika Sharan 





11 December 2023

## Genomics England and *The Turing Way*: a path to open science in a sensitive data landscape

Stuart Gillespie  Augusto Rendon  Maxine Mackintosh   
Natalie Banner  Raphael Sonabend  Alexandra Araujo Alvarez   
Kirstie Whitaker  Malvika Sharan  Vicky Hellon 

11 December 2023

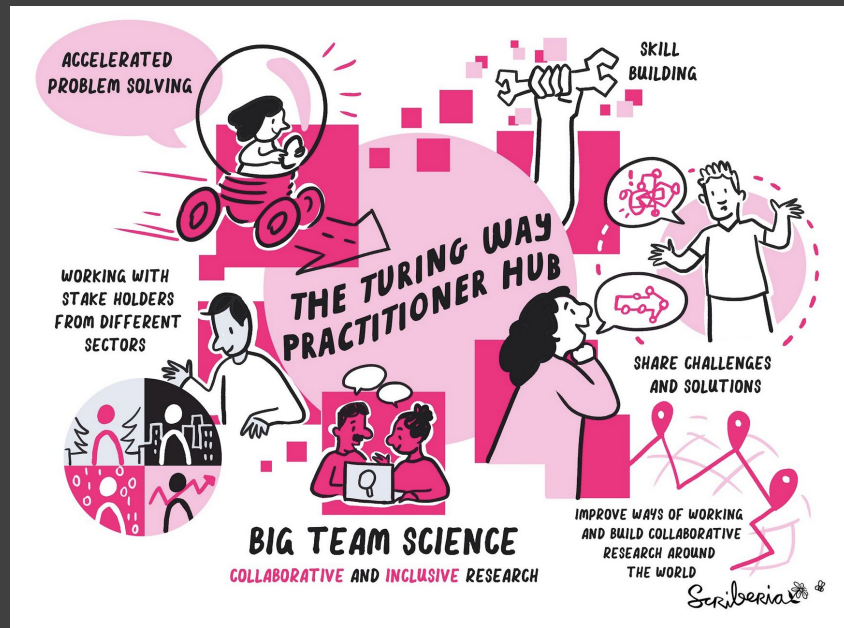
## AI in transportation: DigiHaul's vision for decarbonising the UK's road network

Stuart Gillespie  Fernanda Vasconcellos Martin Willmor  
Wenjia Tang Alexandra Araujo Alvarez  Kirstie Whitaker   
Malvika Sharan 

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# What to expect in 2024?

- Practitioners Hub Cohort 1 **collaboration & celebration** event
- *The Turing Way* and BridgeAI **webinar and outreach** series
- **Skill-building opportunities:** *open source, maintenance, community building, data governance, AI ethics, Thinking in systems, roadmapping for open science and AI adoption*
- **Job and collaboration** opportunities



# The Turing Way Practitioners Hub Team

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The  
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**Malvika Sharan**

TPS Senior Researcher,  
The Turing Way co-lead



**Kirstie Whitaker**

TPS Programme Director,  
The Turing Way Lead



**Alexandra  
Araujo Alvarez**

Research Project Manager



- **Book:** [the-turing-way.netlify.com](https://the-turing-way.netlify.com), **Twitter:** [twitter.com/turingway](https://twitter.com/turingway)
- **GitHub:** [github.com/alan-turing-institute/the-turing-way](https://github.com/alan-turing-institute/the-turing-way)
- Start page: <https://the-turing-way.start.page/>
- Email: [turingway@turing.ac.uk](mailto:turingway@turing.ac.uk)

Job opportunities  
coming soon!