



INTERNATIONAL WATER RESOURCES ASSOCIATION'S
1st ISLANDS WATER CONGRESS
FAROE ISLANDS - SEPTEMBER 4-6, 2024



*International
Water Resources
Association*

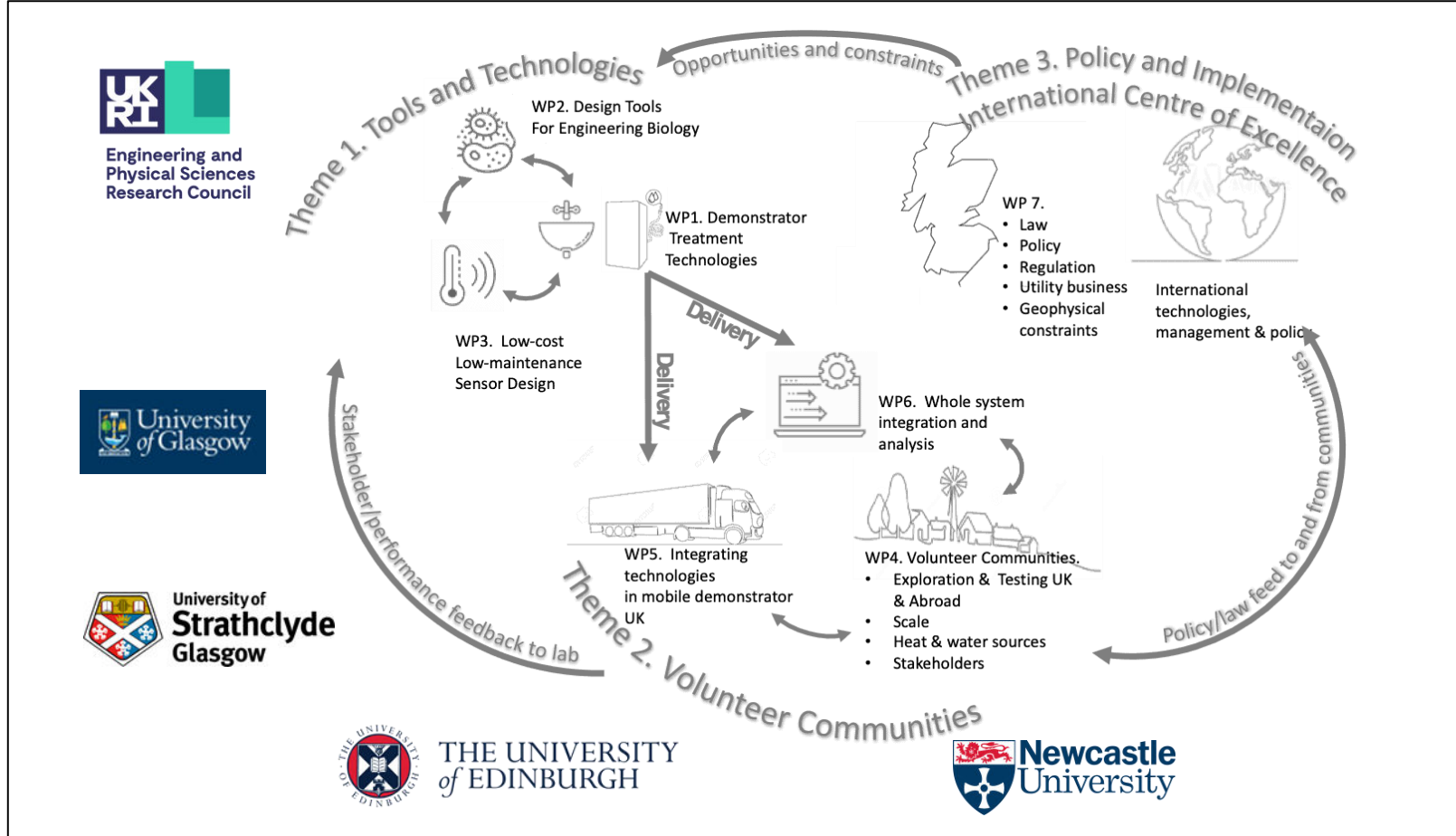


JARÐFEINGI
Faroese Geological Survey

Voicing experiences of water scarcity in Scotland

Elizabeth Lawson and Laura Major

Newcastle University and University of Strathclyde



Decentralised Water Technologies



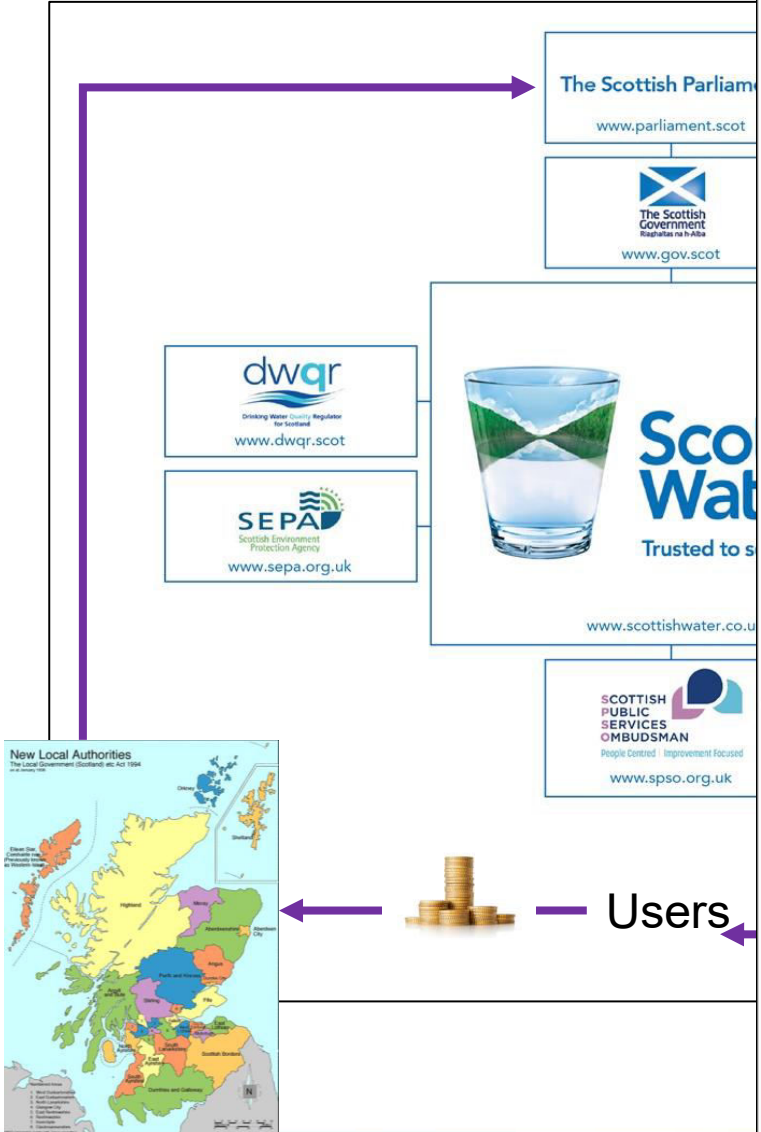


- Scotland's population stands at **5.4 million** (UK total £67.5 million)
- **89** inhabited islands- split into smaller island groups (Scottish Islands Typology, 2024)
- Total island population approximately **106,000** (Scottish Islands Federation, 2016)
- Rural and island Scotland have a number of small-scale private water supplies that are vulnerable to change.

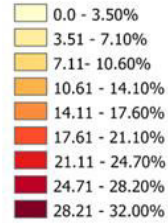
Water scarcity with regards to both quantity and quality.

Scottish Water Sector

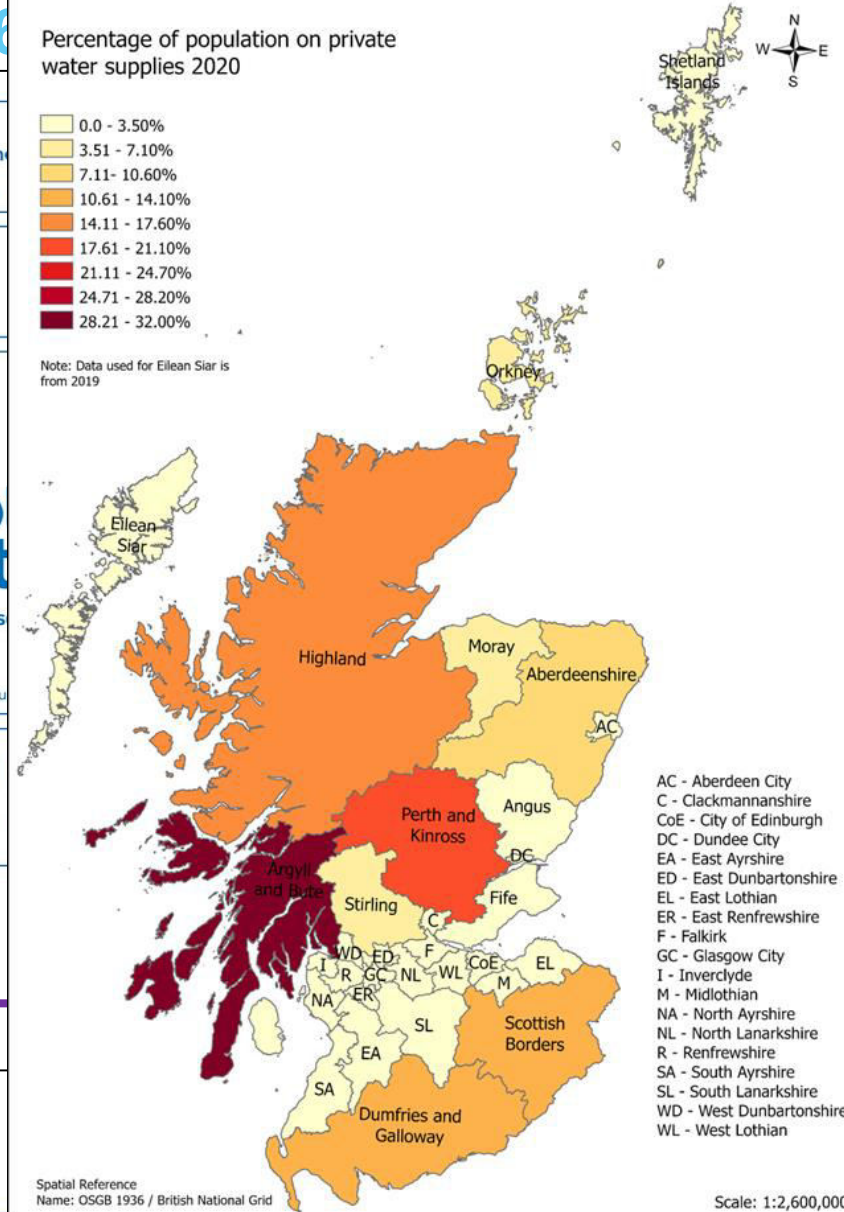
Public water supply- 96%



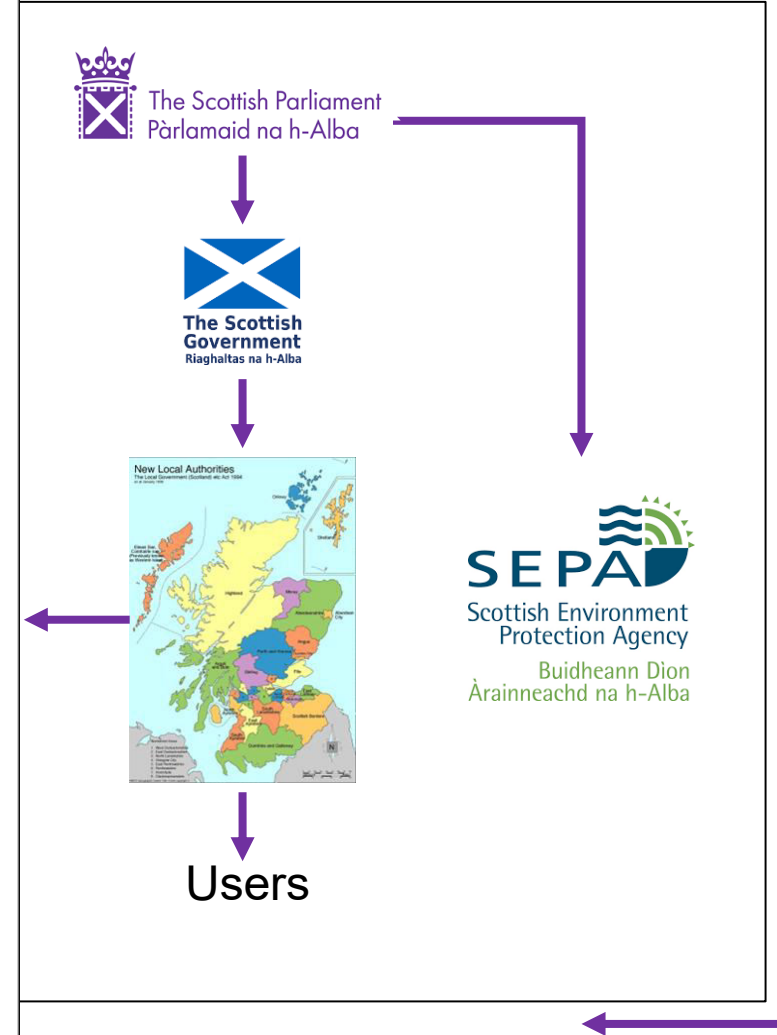
Percentage of population on private water supplies 2020



Note: Data used for Eilean Siar is from 2019



supply- 3.3% PWS



1. Provide training for communities in Mo-Jo methods
2. Create a film made in partnership with communities
3. Create digital postcards
4. Create a website to host everything
5. Events around Scotland to communicate this with wider public and decision makers.

Mo-Jo: Digital storey telling using mobile phones

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WE MAKE MEDIA AND WE CO-OPERATE

- All private water supplies are different
- Source can be groundwater or surface water
- Some are gravity fed, others rely on pumps
- Land access and ownership complexities
- Individual properties or small communities
- Differing levels of treatment systems







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Have you experienced **water scarcity** in rural Scotland?

Share your experiences of water scarcity with us!

We're asking communities to send us materials that tell stories of life when water supplies run low, dry up, or become unusable. From these stories, we will create digital postcards to share with planners and the wider public.

www.waterscarcitystories.co.uk



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Thank you for listening and watching!

Contact: Elizabeth.lawson@newcastle.ac.uk

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[ACCESS Flex Fund](#)

