



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



*International
Water Resources
Association*



JARÐFEINGI
Faroese Geological Survey

Carbon Neutral Islands (CNI) and Water

Francesco Sindico, University of Strathclyde
Neil Gow and Tom Skinner, CNI CDOs for Islay
Shona MacLeod, CNI CDO for Barra
Scot Watson, CNI CDO for Great Cumbrae

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Content

- **The Carbon Neutral Islands Project**
- **Water Challenges on the CNI islands**

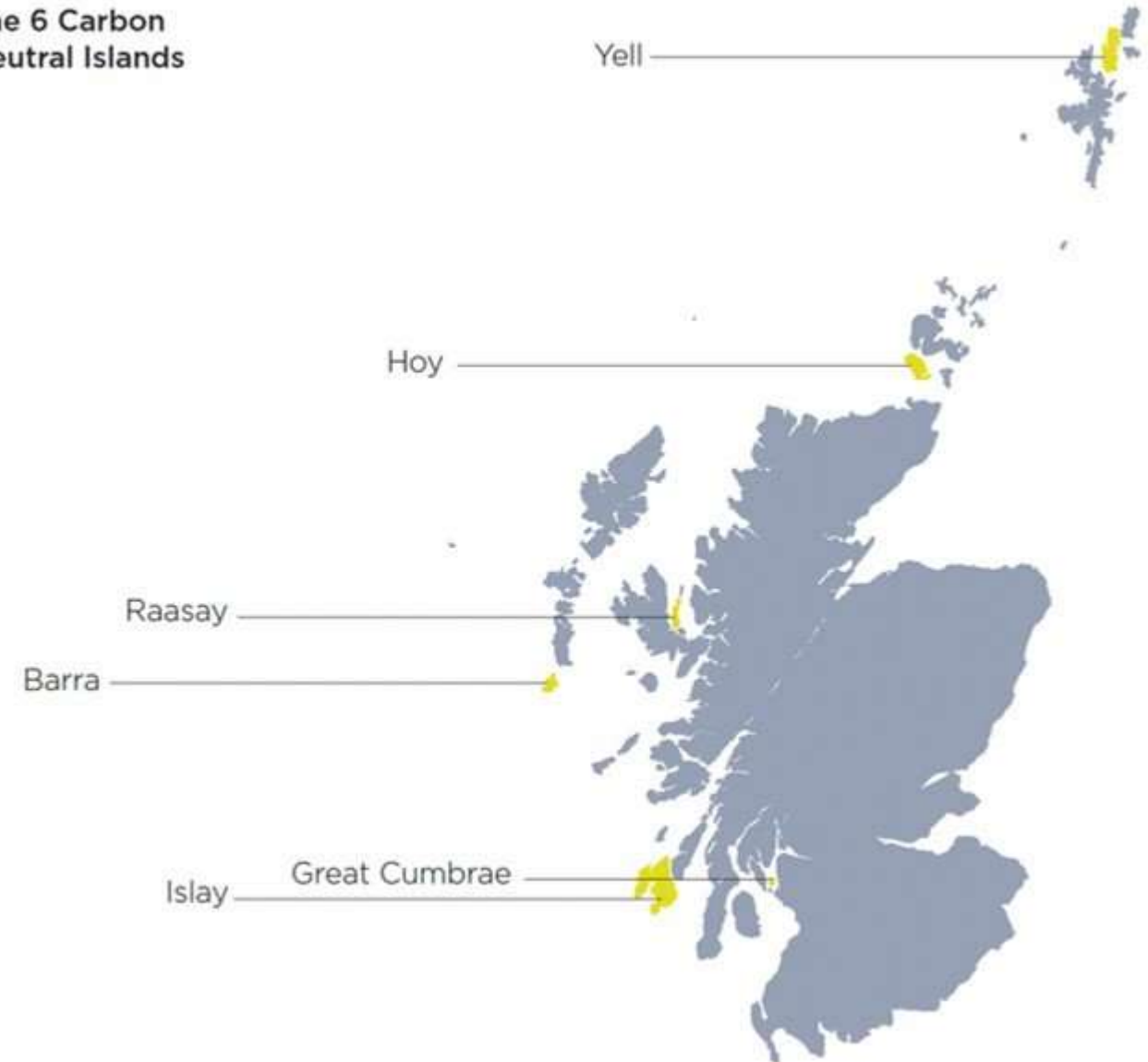
CNI islands

Islay – 3200 (9 distilleries)

Barra – 1078 (4.5 hour ferry from the mainland)

Great Cumbrae – 1376 (10 minute ferry from the mainland)

The 6 Carbon Neutral Islands



The Carbon Neutral Islands project



Carbon audits



Investment

Water challenges on the CNI islands



Islay

Water
source

Water
service

Water
user

Wastewater

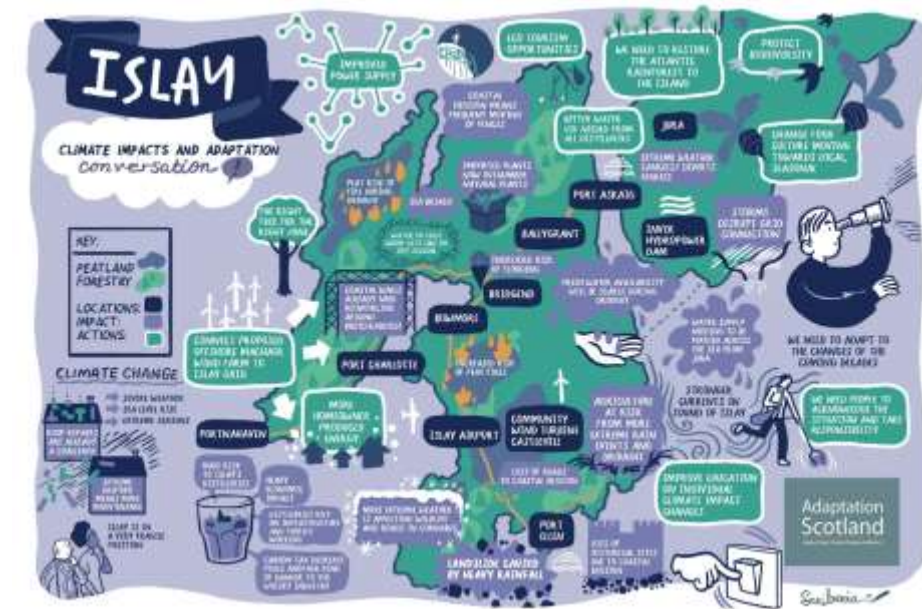
Water challenges on CNI islands

Great Cumbrae



Water challenges on CNI islands

Islay





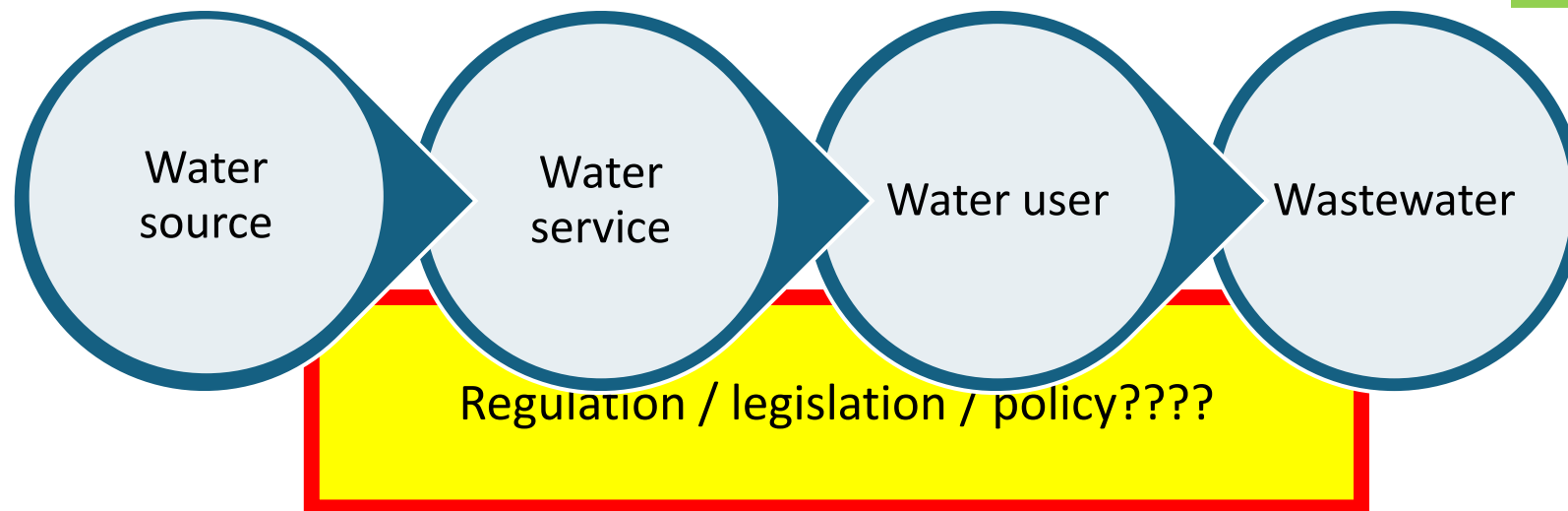
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Water challenges on CNI islands



Climate change?

Island dimension?



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