

# Circularity for Climate-resilient and Equitable WASH

## Research and partnership



Circular economy approaches can strengthen WASH services while driving climate resilience, inclusion and wider sustainability. CIRCLE WASH is a 2-year research project contributing new thinking and case study insights about the potential of circular economy ideas for water, sanitation and hygiene (WASH) service systems.



### Aims

- identify how WASH systems and services can draw on circular economy approaches to achieve inclusion and climate resilience
- inform sector narratives about circular economy - emphasising system-wide perspectives, diverse circular options, progressive realisation, inclusion and climate resilience
- bridge new thinking (conceptual developments) with practical realities (case study insights)
- inspire ideas, collaboration and action. Generate shared visions and co-produce knowledge about circular economy-informed pathways to realise inclusive, climate resilient WASH.



### Activities

CIRCLE WASH has three research phases: concepts, case studies and pathways.

The **concepts** phase integrates ideas from circular economy, climate resilience and social inclusion – developing a conceptually rigorous and practically relevant frame to explore circular WASH opportunities. Timing: 2023.

**Case studies** in Vietnam (Ha Tinh Province) and Kiribati (Line Islands Group) will bring WASH and related stakeholders together to identify and assess a range of circular WASH opportunities for rural and urban contexts. Timing: 2023-2024

Collaborative visioning and knowledge co-production with institutions in case study contexts will articulate **pathways** to preferred futures. Timing: 2024.

All activities are underpinned by a transdisciplinary research approach prioritising collaboration and valuing diverse knowledge types.



Institute for Sustainable Futures



Contact [Naomi.Carrard@uts.edu.au](mailto:Naomi.Carrard@uts.edu.au) and [Avni.Kumar@uts.edu.au](mailto:Avni.Kumar@uts.edu.au)

[www.uts.edu.au/isf/explore-research/international-development/water-sanitation-and-hygiene-wash/circle-wash](http://www.uts.edu.au/isf/explore-research/international-development/water-sanitation-and-hygiene-wash/circle-wash)

Images by Adobe Stock and ISF