

# WASTE FEW ULL

WASTE: FOOD - ENERGY - WATER URBAN LIVING LABS

## AIM

- ▶ To identify and reduce waste in FEW nexus through global Urban Living Lab network using economic valuation to test viability

6 Countries > 4 Urban Living Labs > 4 Continents

- ▶ **Rotterdam:** Scaling start-up innovation at the *BlueCityLab*
- ▶ **Campinas:** New tech, transition management and policy
- ▶ **Cape Town:** Scaling small-scale solutions at *The Water Hub*
- ▶ **Bristol:** Testing viable phosphate recapture from sewage

## Core Activities

- ▶ Map resource flows / **identify inefficiencies**
- ▶ **Agree response** most appropriate to the local context
- ▶ Set out pathways to (and monitoring of) **impact**
- ▶ **Model economic value**
- ▶ **Engage with decision makers** to close each loop



## COMPARING METHODS

- ▶ **BRAZIL:** Technology road-mapping, tech readiness, impact evaluation, innovation foresight
- ▶ **NETHERLANDS:** (“Acceleration Potential Mapping”) Actor networks, system analysis, scenario building, back-casting, stepwise identification of acceleration potential, diffusion pathways
- ▶ **UK:** Design thinking, systems mapping, resource flow dynamics, corporate risk management
- ▶ **South Africa:** incremental small-scale interventions to support sustainable water supply and urban agriculture in an informal setting.

## CORE SUPPORT

- ▶ **Economic Valuation** (Norway/UK)
- ▶ **Knowledge Exchange** (USA)

## IMPACT PLANNING

- ▶ Stakeholder analysis > Planning > **Testing (!)** > Tracking

