

GLOCULL

Globally and Locally-sustainable Food-Water-Energy Innovation in Urban Living Labs



Aim

To develop a co-creative Urban Living Lab approach for innovations in the FWE nexus that are both locally and globally sustainable.

Goals

To develop context-sensitive implementation guidelines and a participatory assessment tool kit

How

Through transdisciplinary action research in seven Urban Living Labs, combined with an integrated, model-supported assessment of local-global interactions in the FWE nexus

Project partners (leading local consortia)	Case studies (Urban Living Labs)
Maastricht University The Netherlands	Closing the FWE cycles at the neighbourhood level
Leuphana University of Lüneburg Germany	FWE nexus as boundary object to foster urban sustainability transformation
Lund University Sweden	Sustainable urban craft beer production
BOKU Vienna Austria	Agrophotovoltaics in urban and peri-urban areas
Arizona State University USA	Building blocks and capacity for a sustainable local food system
University of São Paulo Brazil	Perspectives for local solutions for the FWE nexus in the megacity
Stellenbosch University South Africa	Management of edible food waste in Cape Town's informal settlements