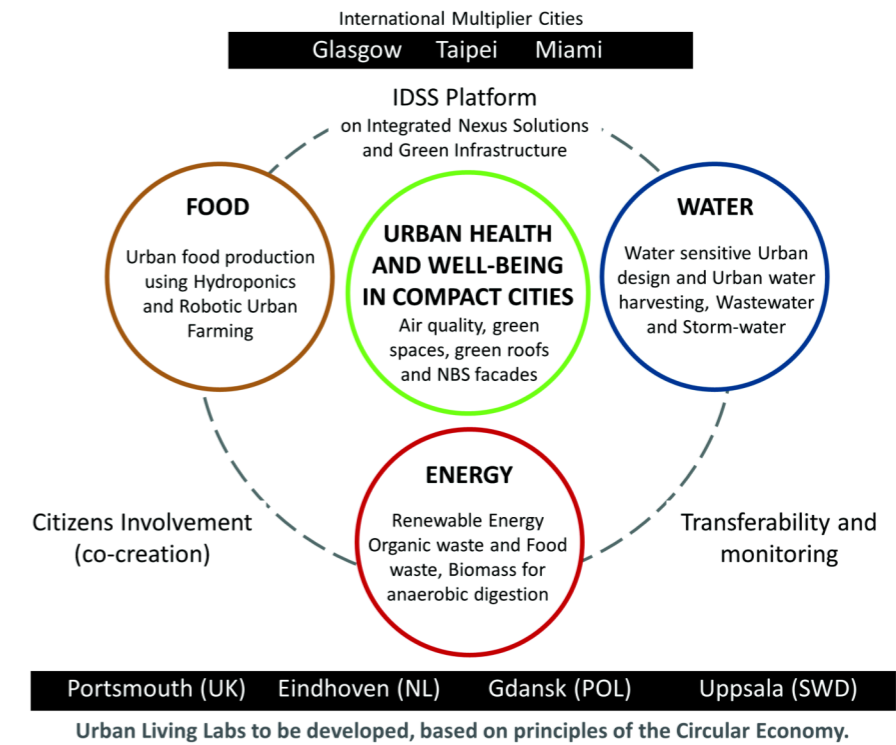


Food Water Energy Nexus Research



PROJECTS

Overview

Cultinova are proud to be a partner in CRUNCH, an international multidisciplinary research project running from 2017 to 2021 with 19 partners from 6 countries

CRUNCH investigates food, water and energy as one complex system, leading to increased knowledge and discoveries that cannot emerge when investigated separately in 'silos'. It will combine an integrated decision support system and visualisation models with expert knowledge in waste, food, material flows, water and energy management and urban planning, architecture and urban governance.

CRUNCH aims for ground-breaking outcomes that are truly interdisciplinary, working closely with local stakeholders at every step.

- CRUNCH will demonstrate how the Food-Water-Energy Nexus can strengthen urban resilience and resource efficiency in the participating cities: Southend-on-Sea, Gdansk, Uppsala, Eindhoven, Glasgow, Miami, Taipei
- To create an interconnected knowledge platform with cross-sectoral indicators for a support tool and assessment framework (the Integrated Decision Support System - IDSS)
- To use guiding tools which will improve and support robust decision-making on future urban development



OUR INVOLVEMENT

Within the frame of this project, Cultinova will supply sensing and data management solutions to Urban Living Labs in the following cities:

- Southend-on-Sea (UK)
- Glasgow (UK)
- Eindhoven (Netherlands)
- Gdansk (Poland)
- Uppsala (Sweden)
- Miami (USA)
- Taipei (Taiwan)



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