URBANISING IN PLACE

Building the Food-Water-Energy nexus from below

Michiel Dehaene (Ghent University)
Chiara Tornaghi (Coventry University)
Partners

Ghent University
Coventry University
University of Sheffield
Quantum Waste
Shared Assets
Wageningen University
Sampling Riga
Art Academy of Latvia
Architecture Workroom Brussels,
National University of Rosario
URBEM Sao Paolo.

Casestudies in
Riga, Latvia
Brussels, Belgium
London, United Kingdom
Rosario, Argentina
From the FOOD DIS-ABLING CITY to the FOOD ENABLING CITY

Urbanisation tend to marginalise the role of farmers and food producing communities in managing the food-water-energy (F-W-E) nexus: nutrient cycles, energy conservation, water harvest, soil management and food production happen under residual conditions.

This project will explore how these practices on the metropolitan fringe may be reconfigured within what we call ‘agroecological urbanism’: a model of urbanisation which places food, urban metabolic cycles and an ethics of land stewardship, equality and solidarity at its core.
Aim/objectives

The project will identify ways of transforming urbanization to reintegrate food growing within urban metabolisms, by working on four areas:

• Metabolizing waste streams
• Claiming metabolic positions
• Enabling alternative, localized metabolic ecologies.
• Capturing Metabolic Value
(Urban) Social platform: is the 'brewing pot' where 'communities of practice' and the 'scientific communities' engage with co-creation and transdisciplinary work.
Expected results and impacts

• Atlas: identifying emerging and residualised metabolic practices
• Modelling urban resourcefulness: proximity, value, change
• Curated online space
• Incubator for an Agroecological Urbanism
Contact

Michiel Dehaene
Department of Architecture and Spatial Planning, Ghent University
michiel.dehaene@ugent.be

Chiara Tornaghi
Centre for Argroecology, Water and Resilience, Coventry University
Chiara.Tornaghi@coventry.ac.uk