



UrbanWINS - Workshop

From research to local action support: How can an Urban Metabolism approach support cities decision making processes towards circular economy actions.

Thursday, 21th of March 2019, between 13.00-16.00 (CET)

WORKSHOP PROGRAMME

- 13.00 **Welcome and introduction**
The UrbanWINS project and introduction to the workshop, Leonardo Rosado (Chalmers) and tba (Cremona?).
- 13:15 **Round of introduction of participants**
Short presentation of participants with focus on institution, role and main interests, all.
- 13.45 **The urban metabolism approach potential for decision making**
The Urban Metabolism model and its potential for decision-making, Leonardo Rosado (Chalmers)
- 14.05 **Coffee break**
- 14.15 **Ideation parallel sessions**
Topics for discussion, 3 groups:
 1. What type of decisions do you need to make?
 2. What challenges do you face?
 3. How can the Urban Metabolism approach support decisions and challenges?
- 15.15 **Sharing findings**
Short presentation of main findings for each group and discussion, all.
- 15.45 **Closing**



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Details

UrbanWINS is a European project funded by the Research and Innovation Program Horizon 2020 that studies how cities consume resources and products, and how they eliminate the waste produced. This is done to develop and test innovative plans and solutions aimed at improving waste prevention and management. In particular, the use of the Urban Metabolism perspective can function as a base for the definition of innovative and sustainable strategies for waste prevention and management.

Cities need to fully comprehend the underlying driving forces of resource use and waste generation and to improve their knowledge about the stocks of resources available for reuse and recycling. Decision makers need to be aware of the linkages between material flow use and planning and the objectives of waste prevention strategies and also on the effects of waste policies on urban economic and social processes. Decision making processes need to be supported by the provision of scientific, reliable and ready to use information on urban metabolism, that is by relevant datasets and indicators. Strong cooperation with the academic world is needed in order to improve the urban metabolism knowledge base and to reinforce processes and methods for data identification and collection.

UrbanWINS aims at providing a very solid knowledge base through the research activities put in place. Methodological guidelines for MFA at urban level and research in the Urban Metabolism field are improved to be better oriented to decision-making processes. Guidelines derived from the assessment of data availability and feasibility. In fact, UrbanWINS apply material flow analysis as the principal analytical tool able to describe deeply the material flows that characterise the urban system and to put them in relation with activities occurring at urban level. It will complement this with the evaluation of alternative measures and solutions on the basis of their life cycle effects. It will ensure that decision makers apply the information produced to define their strategic approach to waste prevention and management and it will establish feedback mechanisms in order to guarantee that key performance indicators are suitable and quantifiable at urban level.

To register:

1. Send an email to rosado@chalmers.se



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