



# Smart and Holistic Cities

UERA Thematic Working Group 2.1

Webinar 16th April 2021

## Driving Urban Transitions through Positive Energy Districts – Contribution of UERA

### Hosted by

Gudrun Haindlmaier (University of Vienna/AIT)

Monika Heyder (EIFER)

Daniela Baer (SINTEF)



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Urban Europe Research Alliance



# Welcome

## Joint action by

URBAN EUROPE  
Urban Europe Research Alliance

UERA

TWG2.1 Smart holistic  
cities



JPI UE  
PED Programme





## Webinar agenda

- **Welcome and setting the scene**
  - Welcome by UERA TWG 2.1 and JPI UE
  - Why a PED webinar?
- **Short introduction**
  - What is the PED Programme, the DUT and the UERA TWG2.1 Smart and Holistic Cities?
  - Who is joining this Webinar today?
- **Presentation of PED roadmap and current status**
  - Landscape and networks
  - DUT
  - UERA
- **Joint discussion on research topics and priorities (*Mural*)**
- **Wrap up and closing of the webinar**



## Aims and objectives of the webinar

- Provide information on current status of DUT PED roadmap
- Discussion and exchange on the role of research in DUT/PED
  - How will research activities/the researcher itself contribute to drive the Urban Transition in the area of PEDs?
  - Research vision on PED? Is it an integrative and transversal approach to urban planning topics?
- Provide support and foster synergies between programs and activities
- Discussion (research) priorities identified in PED Programme and in UERA TWG 2.1
  - What are the main focus areas, what is missing?
  - Which topic will be worked on and further developed in your research?
  - Achieved impacts/barriers in the existing PED?



## Short Introduction

DUT and PED Programm - Christoph Gollner (FFG)

UERA TWG 2.1 - Monika Heyder (EIFER)

# Driving Urban Transitions Towards a Sustainable Future

## The DUT Partnership under Horizon Europe

The DUT Partnership steps up the game to tackle urban challenges. We enable local authorities and municipalities, business and citizens to make global strategies into local action. We develop the skills and tools to make urban change happen and boost the urgently needed urban transformations.



**Positive Energy Districts and Neighbourhoods**  
transforming the urban energy system



**Regenerative Green Neighbourhoods**  
an integrated approach for urban greening and circularity transitions



**The 15 Minutes Cities**  
rethinking the urban mobility system and space





## UERA TWG 2.1 Holistic Smart City

- Mission: We are part of Urban European Research Alliance (UERA), a network of researchers advancing scientific excellence. Our focus is on integrated approaches towards Smart City such as Positive Energy Districts, Participation and Justice
- Established in 2020
- Members to TWG 2.1: 22 (2021) from 7 countries



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## UERA TWG 2.1 Holistic Smart City

We are always happy to welcome new members!

Should you be interested please contact Anne Ruas:

**[anne.ruas@univ-eiffel.fr](mailto:anne.ruas@univ-eiffel.fr)**



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## We'd like to get to know you!

Please go to: <https://app.sli.do/event/onssc1d5>





# PED Landscape – Networks and definitions

Gilda Massa (ENEA)



## PED Landscape – DUT

Margit Noll (FFG, Chair of the Management Board JPI Urban Europe)



# PED Roadmap

Christoph Gollner (FFG)



## UERA TWG 2.1 Perspective

Gudrun Haindlmaier (AIT, Uni Vienna) and Monika Heyder (EIFER)



## The urban in the PED

Priorities expressed by  
UERA members in 2020

Urban focus

1. User-centred approaches and behavioral change
  2. Increased efforts towards integrative urban planning
  3. Exchange of knowledge and experiences between cities
  4. New technologies for energy supply and energy efficiency
  5. Establishments of multi-stakeholder platforms
  6. Funding of concrete initiation projects
  7. Integration of different systems and infrastructures
  8. Development of new policy instruments and mixes
  9. Upscaling and replication of pilot projects
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Urban  
focus

Priorities

Gaps

Impact

Barriers

## Interactive Discussion (app. 40mins)

Mural (moderated by Gudrun & Christoph)

<https://app.mural.co/t/aitisp7222/m/aitisp7222/1617084593144/e3e680a36b038fbfe0c62c2a99c4544755b0f6d0>

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Urban  
focus

Priorities

Gaps

Impact

Barriers

## Interactive Discussion: 2 break-out groups (40mins)

Mural 1 (moderated by Gudrun & Gilda)

<https://app.mural.co/t/aitisp7222/m/aitisp7222/1617084593144/e3e680a36b038fbfe0c62c2a99c4544755b0f6d0>

Mural 2 (moderated by Christoph and Monika)

<https://app.mural.co/t/aitisp7222/m/aitisp7222/1618517228759/891bb38968da6e1237ee5cbc64c4ea3c4ca920d6>

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# Wrap Up and Closing

Christoph Gollner (FFG), Monika Heyder (ElfER)



# Thank you very much for your attention!

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