

Presentation @ the Nature in the city : a demonstrator of ecological transition  
December 5<sup>th</sup>, 4-7pm CEST

Björn Wallsten,  
Senior Research Officer at Formas  
Coordinator of the Circular Urban Economies Transition Pathway in Driving Urban Transitions

# The DUT Partnership

- A public-public partnership, co-funded by 28 European countries and the European Commission
- DUT Consortium
  - National and regional R&I funders
  - National or regional authorities and agencies dealing with urban policy
  - Research performing and other organisations as strategic partners
- approx. 450 Mio indicative budget for 2022-2028





# DUT Vision

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.

# The DUT Transition Pathways

integrated approaches for urban transformations and entry points towards urban climate neutrality and sustainability



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



**Circular Urban Economies**  
an integrated approach for urban greening and circularity transitions



**15-minute Cities**  
rethinking the urban mobility system and space



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# More than circularity...

## Address Urban Challenges Connected to Resource Use

- Account for 70-75% of the Global Use of Resources
  - Prolonged lifespans: maintenance and repair
  - Close material loops to increase resource efficiency

## Address urban social issues...

### ...to foster cities characterized by regenerative urbanism

- Cities with restored natural cycles of resources that support a high quality of life
- A transformative drive towards healthy, inclusive, attractive and green urban spaces
- Regenerative design principles to create livable urban communities that rely on closed material loops to reduce their environmental footprints



# DUT Roadmap

Update planned for 2025

European Partnership

## Driving Urban Transitions to a Sustainable Future Roadmap

Jonas Bylund, Christoph Gollner, Maximilian Jäger, Gabriele Klaming,  
Margit Noll, Johannes Riegler, Ann Rodenstedt, Björn Wallsten



# CUE Topics in DUT Calls so far

## CALL 2022 Topics

- Urban Resource Sharing and Circularity
- **Nature-Based Solutions**
- Urban Food Systems

## CALL 2023 Topics

- The Built Environment as a Resource Base
- Knowledge and Optimisation of Resources Flows Between Urban and Rural Areas
- **Planning and Designing Urban Areas with Nature: Towards Regenerative Urbanism**

## CALL 2024 Topics

- **Creating a New Paradigm for Urban Water Cycles**
- Multi-City Strategies for Circular Urban Economy Monitoring and Management
- **Circular Models for Regenerating, Repurposing, Protecting and Conserving Urban Space for Biodiversity**



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French Examples

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### GreenStorm

Design and Deployment of Stormwater Nature-Based Solutions (NBSsw) for a Resilient and Livable City

Improving the design of nature-based solutions to manage stormwater (NBSsw) can play a pivotal role in climate adaptation, resilience of urban vegetation, and enhanced social benefits in cities. The GreenStorm project is set to assess, based on coupled monitoring/modelling, how NBSsw structures perform in a wide range of European climates, as well as in climate extremes such as high intensity rainfall and drought. A real case study in Copenhagen will illustrate NBSsw implementation in a community-engaged approach. To identify drivers for NBSsw upscaling, the project will also rely on feedback from Paris, Athens, Genoa and Östersund. The five partner countries will explore the potential for widespread implementation of NBSsw at urban catchment scale and model its benefits.

#### Project coordinator

Ecole Nationale des Ponts et Chaussées

#### Project partners

Athens Anaplassis S.A., Centre d'Etudes et d'Expertise Sur les Risques l'Environnement la Mobilité et l'Aménagement, Geoponiko Panepistimion Athinon, Københavns Kommune, Københavns universitet, Koordinat, Luleå tekniska universitet, Östersunds kommun, Università Degli Studi di Genova, Université Gustave Eiffel

#### Cooperation partners

Comune di Genova, Département de La Seine-Saint-Denis, Östersunds kommun, Ville de Paris

#### Participating countries

Denmark, France, Greece, Italy, Sweden

#### Contact person

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marie-christine.gromaire@enpc.fr

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#### **EDITUA – an innovative interactive incubator of socio-spatial change fostering green urban regeneration, employing AI in gain of the public democracy**

The project will develop a tool named EDITUA, serving EDITing Urban Assets, to provide ecologically-oriented improvement strategies by transforming vacant urban interiors. This tool will enable stakeholders to shape eco-friendly urban areas through intuitive digital interaction.

Project coordinator: Politechnika Poznanska

Participating countries: Estonia, France, Germany, Greece, Poland, Slovenia, United States

#### **aRTes – Active RoofTops South Europe (3.1; 3.3; 2.1)**

Rooftops represent a largely untapped resource within the urban infrastructure of Southern European cities. This project addresses the primary obstacles to rooftop adaptation, devising novel design and engineering solutions for widespread prototyping and testing, aiming to lower the costs of rooftop transformations.

Project coordinator: Universidad Politecnica De Madrid

Participating countries: Cyprus, Finland, France, Greece, Italy, Portugal, Spain



# The DUT City Panel

# Core Activities of DUT City Panel

## DUT City Panel core activities

- **2 City Panel meetings** per year
- Support shaping **call priorities and central activities** of DUT together with us
- Engage in thematic **deep dives and discussions**
- Take up **opportunities to discuss and learn** from each other **and engage with R&I projects**



### Digital DUT City Panel Q4

Focus on DUT-thematics:  
Challenges, needs and priorities for **call**, central activities in **work plan** for upcoming year

### On-site DUT City Panel Q2

Connect to TP activities and (DUT) projects, **learning and exchange**, dig deep into **topics discussions, site visit**



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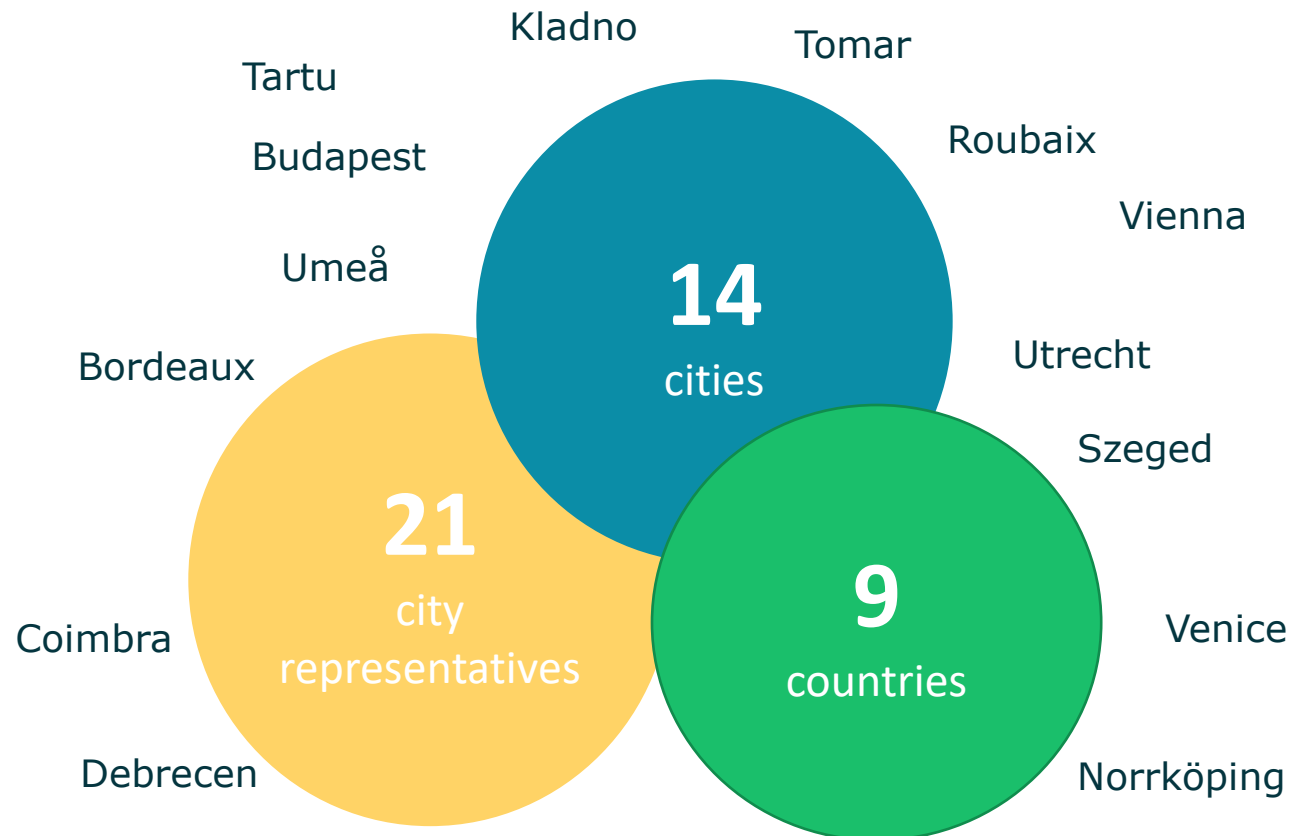
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DUT City Panel / PoP-C Meeting

1/2 June 2023, Vienna

# Bringing climate action into practice: How to work with best cases examples?

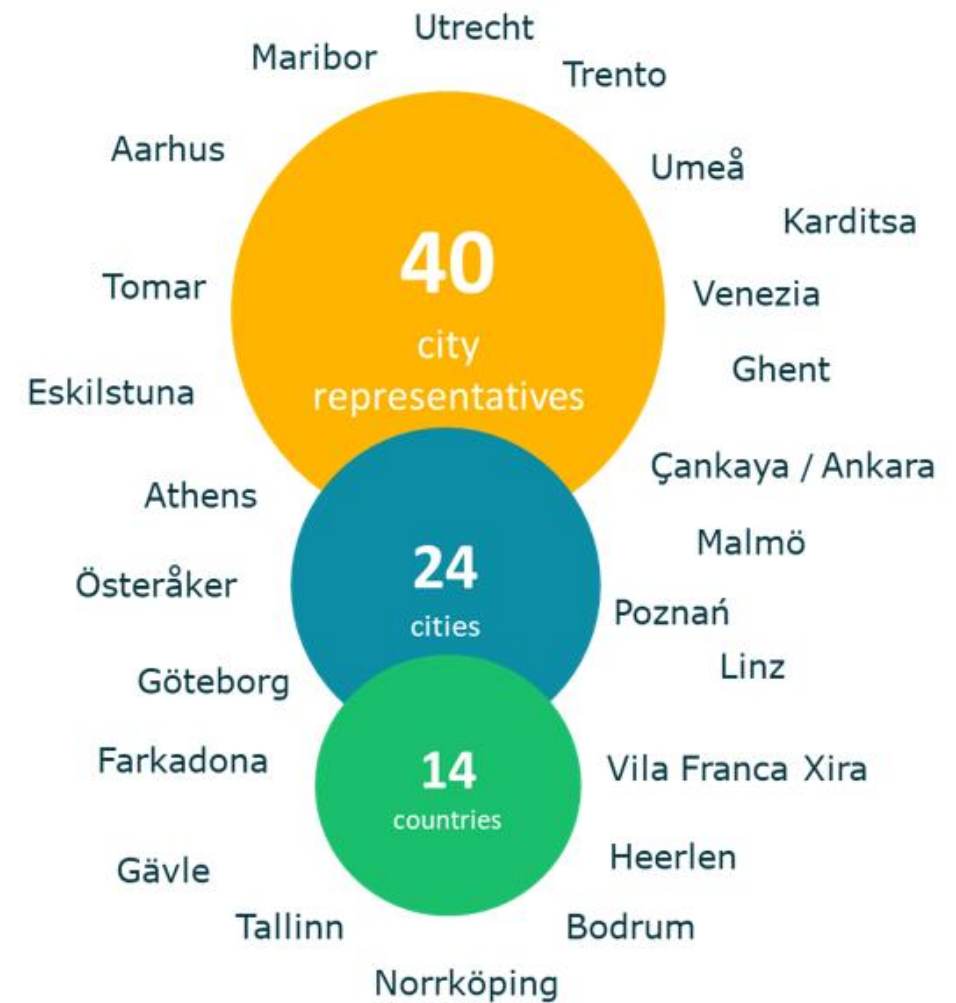




DUT City Panel

28–29 May 2024, Umeå, Sweden

# Social sustainability as a driver for urban transitions





DUT City Panel

28–29 May 2025, Bordeaux, France

# **“Solidarities in tackling environmental and social vulnerabilities”**



*Image credit: saiko3p/iStock*



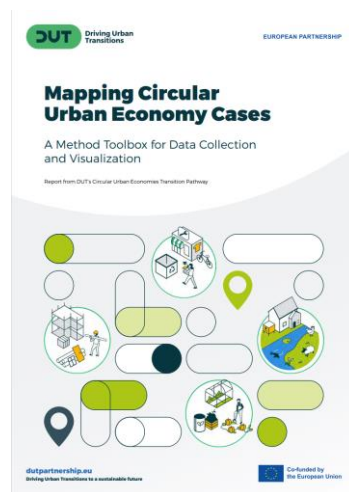
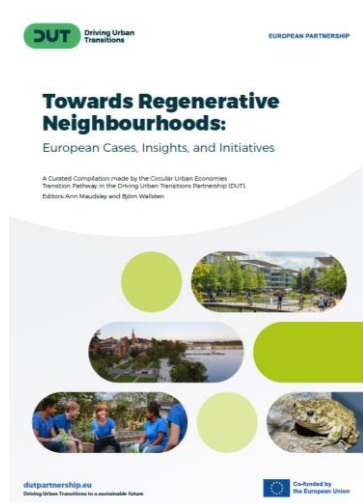
# Questions?

## CONTACT INFO:

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Ann Maudsley, CUE TP coordinator  
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## Check out the CUE Publications from 2024!



## Get Involved!

Are you passionate about making an impact on urban sustainability? The DUT Partnership is your gateway to collaborating with a diverse network of stakeholders. Learn how you can get involved by visiting [dutpartnership.eu](https://dutpartnership.eu).



Follow us on LinkedIn  
**@Driving Urban Transitions Partnership**

Our next funding opportunity will open in September 2025. Join our matchmaking platform to stay informed and find future collaboration partners.

[dut-call-2024.b2match.io](https://dut-call-2024.b2match.io)

