



TIPS4PED

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Scaling PEDs

HORIZON Innovation Actions | Project: 101139633
TIPS4PED - HORIZON-MISS-2023-CIT-01



Co-funded by
the European Union

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Transformation*

Committee Chair

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What is TIPS4PED?

TIPS4PED is funded under the HORIZON-MISS-2023-CIT-01 aiming to design, develop, and test in a relevant environment the effectiveness and the techno-economic viability of a Digital Twin based Platform, to support municipalities in implementing Positive Energy Districts (PED).



Who we are

• Lighthouse City:
Turino

▲ Follower Cities:
Budapest | Cork | Kozani



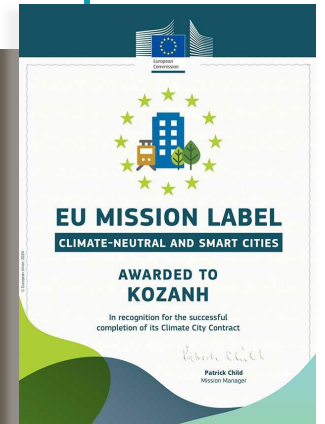
Project sites



Turin - Campus Politecnico di Torino



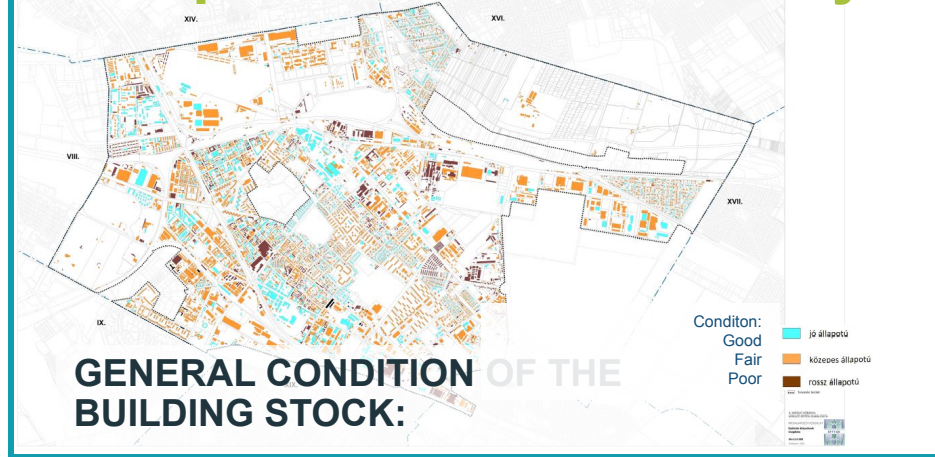
Kozani – Campus University of Western Macedonia



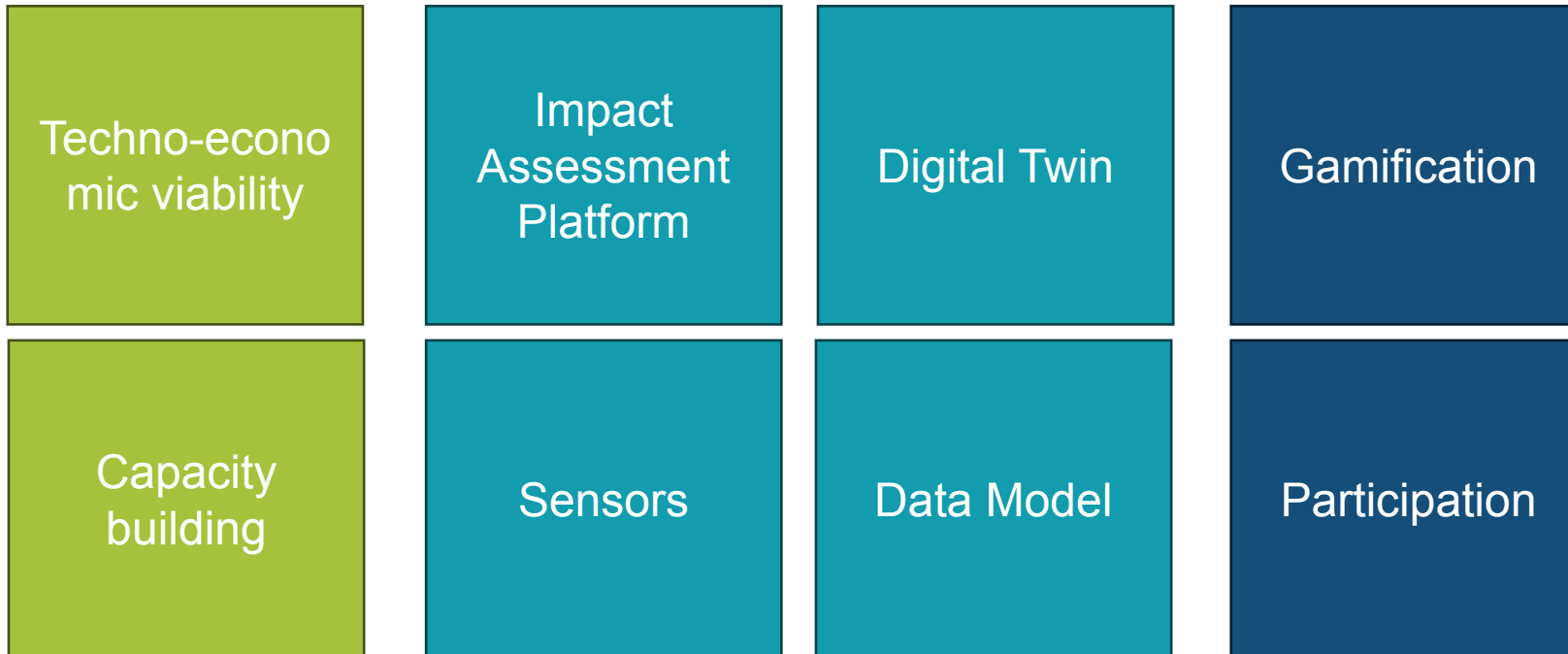
Cork - Docklands



Budapest – District Kőbánya



Methodology



Mission context



Mission context



DATA

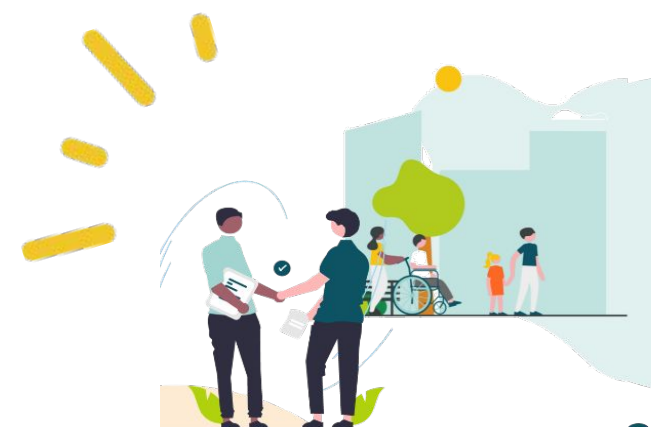
Emission domains

- energy systems
- mobility & transport
- circular economy
- nature-based solns
- green industry
- built environment



Systemic levers

- learning & capabilities
- finance & funding
- democracy/participation
- social innovation
- governance & policy
- technology/infrastructure



Socially constructed





Funding context



- +20 years of European funding
- +10 defining lighthouse projects



Standardisation context



DIN	cen	ISO JTC1 IEC INFORMATION TECHNOLOGY STANDARDS	IEC
Digital Twin DINSPEC 91607	Citizen Services WI 00465003 CEN/TC 465 WG2	MetaVerse JTC1 SC24	Positive Energy District IEC SyC Smart Cities
Urban Data Platform DINSPEC 91357	Territorial Resilience prCEN/TR 00465004 CEN/TC 465 WG3		

Ready to scale?



CEN Workshop Agreement

Positive Energy Districts for
climate-neutral and smart
cities



CEN- CENELEC
GUIDE
29

CEN and/or CENELEC
Workshop Agreements – A
rapid way to standardization

Edition 3, March 2024

- **M18**

TIPS4PED engages the CWA process

- **M30**

TIPS4PED publishes
Standardisation Strategy

- **M42**

Publication of the CWA



Join us

Express your interest to receive updates on the standardisation actions in TIPS4PED



TIPS4PED

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[/tips4ped](https://www.linkedin.com/company/tips4ped)


[/TIPS4PED](https://www.youtube.com/TIPS4PED)


www.tips4ped.eu

Mission context

NZC portal

- NZC community
- Knowledge repository
- Dashboard



Climate City Contract

- Commitment
- Action Plan
- Investment Plan



Climate Transition Map

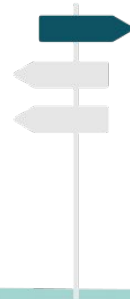
- Guide to climate neutrality journey

Twinning programme



City Advisors

- Support, connect and advise cities on the journey to climate neutrality



Specialist support

- Systemic innovation
- Financing expertise
- Citizen engagement
- Social innovation
- Technical expertise



Pilot Cities Programme

- Financial and in-kind support for innovative systemic climate activities



Transition team

- Transition team playbook

