

# Urban Living Lab Center

High Level 15th Regional Environmentally  
Sustainable Transport Forum in Asia

Plenary Session 7: International Partners'  
Initiatives

October 25, 2023

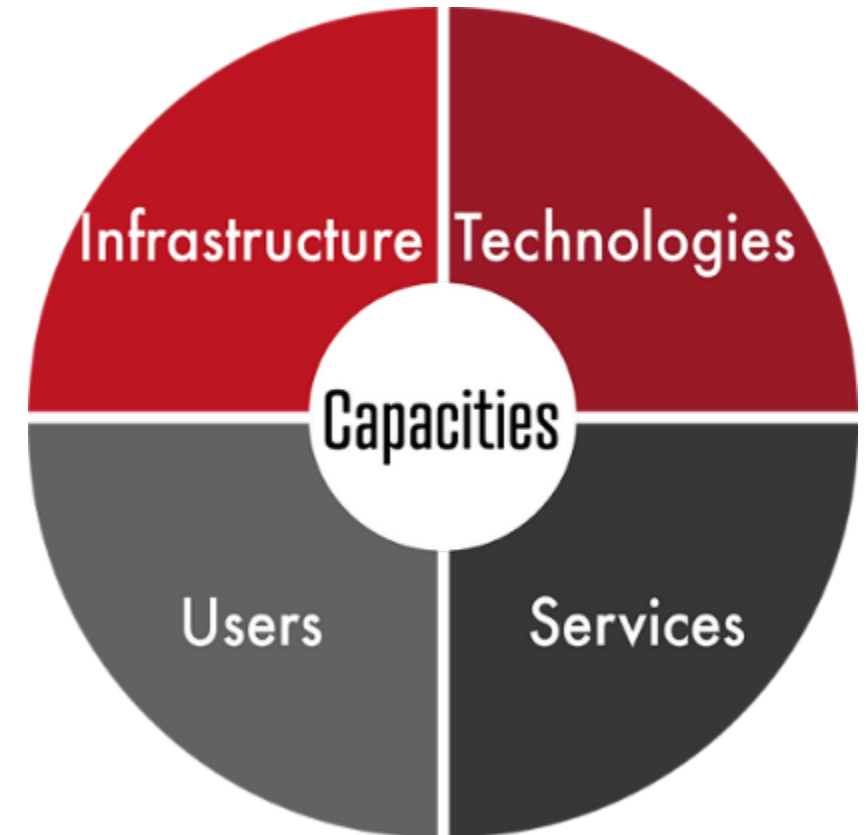
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a UN-Habitat Collaborating Center



Urban Living Lab  
**CENTER**

# Systemic approach for urban transitions

- **Technologies:** Testing innovative urban development solutions at and in different environments can be a key enabler. Resource and energy efficiency will boost cost-effectiveness.
- **Infrastructures:** Providing access for all to sustainable urban basic services for all.
- **Services:** Access to energy and mobility services is another critical element to enable shifts. Services should be harmonised to encourage the use of the most efficient option.
- **Users:** A human centered approach to urban development is vital for sustainability transitions of cities.





# The Role of Living Labs



Showcase interventions for sustainable and inclusive development, building on the New Urban Agenda and the Paris Agreement.



Linking key sectors and actors is a vital step towards an integrated approach that helps decarbonizing urban systems and delivers liveable and accessible cities for all.



Testing innovative solutions in urban living labs can be a key steppingstone, transferring these learnings into scaled-up public or private sector actions is then a vital next step towards transformative change.



# URBAN LIVING LAB CENTER : PLATFORM FOR URBAN TRANSFORMATIONS



This partnership consists of a joint center of transformative projects and initiatives active in the field of decarbonizing cities and sustainable urban development.

The Urban Living Lab Center is the first UN-Habitat collaborating Center.



ULLCenter co-hosted by  
MIT, TU Berlin, and the Wuppertal Institute





**INFORM:** Boost **capabilities** of local and national authorities, public transport operators and entrepreneurs about innovative urban e-mobility solutions across various transport modes by **informing them about tools** to plan, assess, implement and operate e-mobility solutions.



**INSPIRE:** Foster the **take-up** of e-mobility innovations by businesses, start-ups, local and national governments and transport operators by **inspiring** officials, operators, industry and businesses through peer-to-peer exchange on innovative e-mobility products and services.



**INITIATE:** Strengthen policy and business **collaboration** by **initiating** partnerships between local and national governments and local and European entrepreneurs and supporting the development of new e-mobility models business implementation plans.



**IMPLEMENT:** Create **reference models** for e-mobility innovation by **implementing** demonstration actions to test innovative e-mobility technologies and services, foster their **replication** and ensure their long-term **sustainability**.



**IMPACT** Contribute to global **sustainability and climate goals** by boosting the **impact** of this project through the integration of the innovative concepts into policy, funding, operation, research and business practice.



# Regional Hubs

- › Integration of case studies, design assignments, analysis etc. from partner cities into courses and theses
- › Synergistic collaboration towards maximizing resources (e.g. project collaboration)
- › Internships and research stays at partner cities or entities
- › Study exchanges with partner universities
- › Access to local and national authorities



## AMERICAS

- 1 Escuela Politécnica Nacional, **Ecuador**
- 2 Universidad de Buenos Aires, **Argentina**
- 3 University Pereira, **Colombia**
- 4 Universidad De la Republica Uruguay, **Uruguay**

## EUROPE

- 5 Blekinge Institute of Technology, **Sweden**
- 6 Technical University of Denmark, **Denmark**
- 7 RWTH Aachen University, **Germany**
- 8 Frankfurt University of Applied Sciences, **Germany**
- 9 Technische Hochschule Ingolstadt, **Germany**
- 10 University of Florence, **Italy**

## ASIA

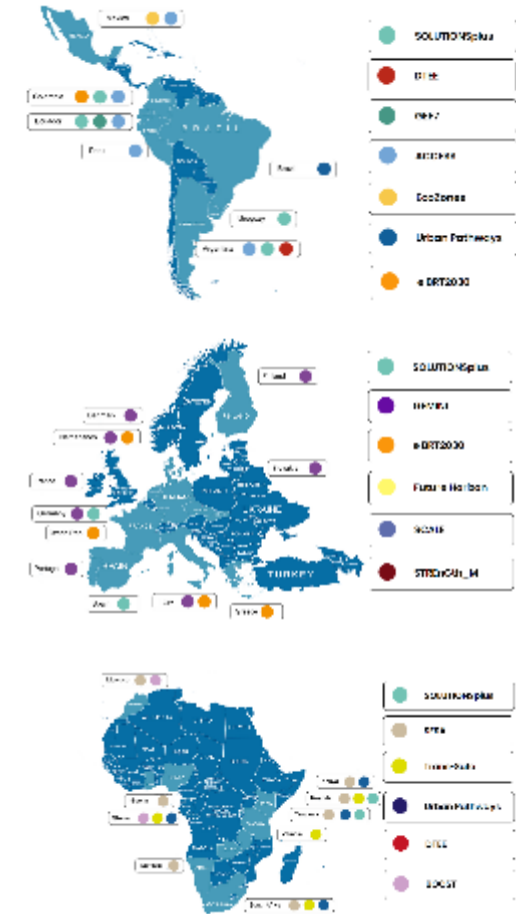
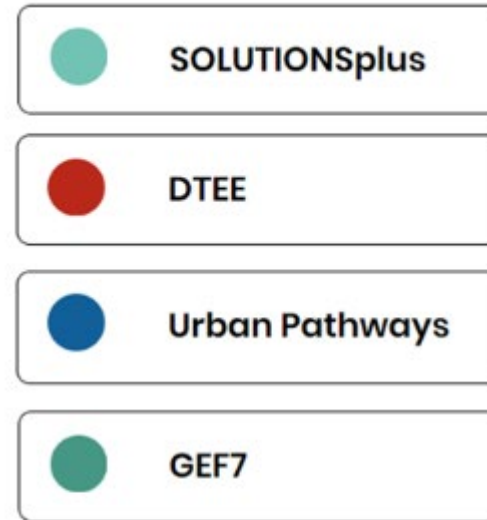
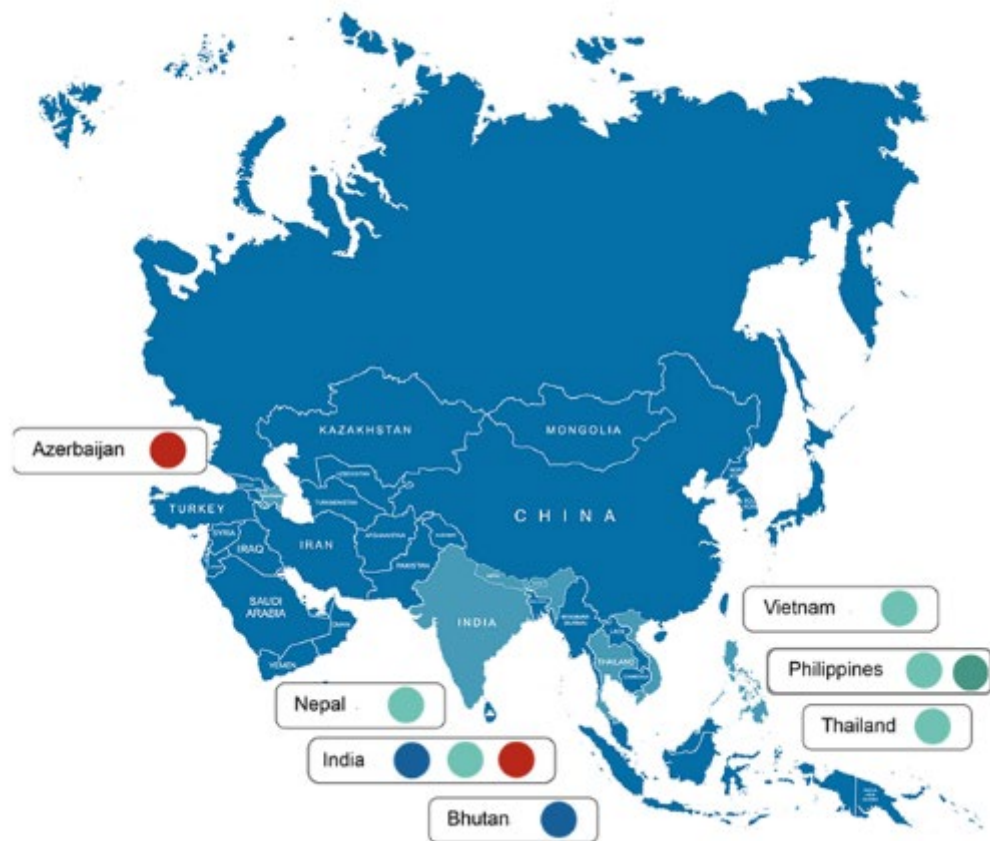
- 11 University of Kathmandu, **Nepal**
- 12 De La Salle University, **Philippines**
- 13 University of the Philippines, **Philippines**
- 14 Asian Institute of Technology, **Thailand**
- 15 Indian Institute of Technology, **India**
- 16 University of Transport Technology, **Vietnam**

## AFRICA

- 17 University of Rwanda, **Rwanda**
- 18 Cape Town University, **South Africa**
- 19 Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development, **Ghana**
- 20 Mohammed VI Polytechnic University, **Morocco**



# Intra and inter-regional and Multi-Themed Collaboration



# SOLUTIONSpus

Integrating Urban Electric Mobility Solutions in the Context of the Paris Agreement, the Sustainable Development Goals and the New Urban Agenda



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 875041

[solutionsplus.eu](http://solutionsplus.eu)

[emobility.tools](http://emobility.tools)



# Thematic Hubs



- Internships and research stays at Thematic Hubs
- Co-development of thesis topics with international experts
- Contributions to ongoing Living Labs in collaborative projects
- Access to data, surveys and assessments for joint research linked to theses
- Collaborative development of new projects and initiatives



## Mobility

The Mobility Hub is hosted by the Urban Electric Mobility Initiative - a UN-Habitat Action Platform

[More Infos](#)



## Education

The Education Hub is hosted by the Massachusetts Institute of Technology.

[More Infos](#)



## Digitalisation

The Digitalisation Hub is hosted by UNITAC Hamburg.

[More Infos](#)



## Clean Air

The Clean Air Hub is hosted by Clean Air Asia.

[More Infos](#)



## Climate

The Climate Hub is hosted by UN Environment.

[More Info](#)



## Planning

The Planning Hub is hosted by the Technical University Berlin.

[More Infos](#)



## Energy

The Energy Hub is hosted by ICLEI.

[More Info](#)



## Governance

The Governance Hub is hosted by the Wuppertal Institute.

[More Infos](#)

# Thank you very much

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