



# Workshop Sustainable Urban Development

From science to practice

## Background and challenges

Sustainability problems occur massively in fast growing cities and their surroundings because political, economic and civil society institutions can only gradually adapt to the challenges of urbanization. These problems include overstrained infrastructure systems as well as ecological risks such as air pollution, overburdened drinking and waste water systems and large volumes of traffic and waste. Cities are involved in a constant restructuring process to meet rapidly changing requirements.

To tackle these challenges BMBF launched the funding priority “Sustainable development of urban regions” SURE.

The aim of the funding measure is to develop and test locally-adapted strategies for the sustainable development of urban regions and to encourage the strategies' permanent implementation in order to improve ecological factors (emissions, energy and resources efficiency, etc.) and increase urban resilience.

## Aims of the Workshop

The workshop "Sustainable Urban Development" focuses on the exchange of experiences with different approaches to involve local stakeholders in order to overcome obstacles in implementation. The event promotes networking between different actors from Vietnam and Germany and supports the identification of fields for further cooperation and mutual learning in the region. A special focus will be on the circular economy with local/regional products.

## Key-questions for in-depth discussions in the workshop

- What are the main obstacles on the way to implementation of research results?
- What strategies are being used to involve the private sector in research and implementation?
- How do solutions with regional products and materials facilitate implementation?
- How can science and policy makers benefit from each other?
- What is the main added value of international cooperation (esp. VN-GER) in research projects on sustainable urban development?

## Potential benefits to Vietnamese and German participants

- Participants of the public and private sector will get an insight into the experiences of the presented projects and their respective approaches.
- Representatives of local authorities can discuss the possibility of applying the approaches to their specific needs.
- Participants from the private sector are invited to discuss opportunities of collaboration for the implementation of the results.

## Target participants

- Policy makers (from local up to national level),
- Urban planners
- Scientists
- SME's



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- Industry

### Workshop leader

- **Dieter Steinbach** (AT-Verband and emplement! project leader)

### Facilitator

- **Dr. Heike Bauer**, German Aerospace Center Project Management Agency (DLR Projektträger)

### Keynote speakers

- **Dr. Huỳnh Huy Hòa**, Danang Institute for Socio-Economic Development - DISED
- **Prof. Dr. Michael Peterek**, Frankfurt University of Applied Science / emplement! project

### Selected BMBF funded research projects

- emplement! - Empowering urban regions for cooperative, synergistic and practical implementation of sustainability and resilience strategies considering the urban-rural nexus
- DECIDER – Decisions for the Design of Adaptation Pathways and the Integrative Development, Evaluation and Governance of Flood Risk Mitigation Strategies in Changing Urban-rural Systems
- Flood AdaptVN - Integrating Ecosystem-based Approaches into Flood Risk Management for Adaptive and Sustainable Urban Development in Central Viet Nam
- GreenCityLabHue - Strengthening climate resilience of urban regions in Central Vietnam through nature-based solutions for heat adaptation and air quality improvement
- Build4People - Enhancing Quality of Life through Sustainable Urban Transformation (project is based in Cambodia, but the researchers are involved in a CLIENT II project in Vietnam as well)

### Friedrich Naumann Foundation (FNF) funded research project

- “Smart cities adapting to climate change - the case of FNF's climate project in Hue & Can Tho”

### Outreach

The GVSD plenary session will present ideas and suggestions on how to enhance the impact of the research and facilitate the implementation of the results of the German-Vietnamese cooperation projects discussed in the workshop.

A discussion is planned to support dialogue between multidisciplinary actors in the region and to promote further cooperation. The focus will be on how partnerships can contribute to an even more effective implementation of the SDGs and how ongoing collaborations could expand their contributions to facilitate the transfer of academic knowledge to society.



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### Contact

1. Mr. Dieter Steinbach, AT-Verband, [dieter.steinbach@at-verband.de](mailto:dieter.steinbach@at-verband.de)
2. As facilitator: Dr. Heike Bauer, German Aerospace Center Project Management Agency (DLR Projektträger), [heike.Bauer@dlr.de](mailto:heike.Bauer@dlr.de)



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### Agenda

April 26th, Duy Tân University

Time	Program	Speaker/Comments
13:30 – 13:40	Objectives of the workshop & introduction of presenters	<b>Dieter Steinbach</b> , emplement! project  <b>Dr. Heike Bauer</b> , DLR Projektträger
13:40 – 14:10 ( <i>Keynote 15'</i> )	<b>Key-note1:</b> Development direction of Da Nang city  <b>Key-note2:</b> Environmentally sound and community-based urban-rural tourism approach in Cu De river valley	<b>Dr. Huỳnh Huy Hòa</b> , DISED [Consecutive translation]  <b>Prof. Dr. Michael Peterek</b> , emplement! project
14:10 – 15:00 ( <i>Flashlight 8'-10'</i> )	Short Presentations “flashlights”: Experiences with regard to stakeholder involvement, implementation and use of regional products  <b>Flashlight 1</b> Insights from Green City Lab Hue  <b>Flashlight 2</b> emplement!: Involvement of stakeholder and administration in urban-rural Cu De river valley tourism approach  <b>Flashlight 3</b> Insights from Build4People (experience from Cambodia)  <b>Flashlight 4</b> Insights from FloodAdaptVN and/or Decider  <b>Flashlight 5</b> Insights from “Smart cities adapting to climate change - the case of FNF's climate project in Hue & Can Tho”	Representatives of BMBF Projects (presenters)  <b>Fabian Stolpe</b>  <b>Dr. Chu Mạnh Trinh + Dr. Susana Restrepo Rico</b> , emplement! project  <b>Dr. Michael Waibel</b>  <b>Dr. Felix Bachofer</b>  <b>Dr. Kiều Thị Thu Hương</b> , FNF
15:00 – 15:25	<b>Questions &amp; Answers</b>  <b>Discussion about successful stakeholder involvement</b>	Representatives of the different projects (presenters)
15:25 - 15:30	<b>Conclusion &amp; closing remarks</b>	Facilitator