

## Integrated Urban Climate Action for Low-Carbon & Resilient Cities Project

### Urban-Act – Thailand



Supported by:



on the basis of a decision  
by the German Bundestag



## CONTEXT

Urban growth in the Asia-Pacific region has been a dominant trend over the past few decades with a projected population of over 3 billion anticipated to reside in cities by 2050. This rapid urbanisation has significantly influenced socio-economic dynamics, but it simultaneously intensified environmental conditions and climate change concerns.

As of 2018, over half of Thailand's population lived in cities, with a projected surge to 70% by 2050. However, the fast-growing metropolitan areas still rely heavily on fossil fuels for energy consumption, particularly in the transportation sector. Hence, climate strategies and plans have defined urban management and human settlements as key priority sectors to achieve sustainable low-carbon growth and increase resilience. Coordination among institutions at various levels, coherence in planning between evidence-based climate change and urban development as well as local capacities for climate-responsive urban planning and access to finance should be addressed.

## OBJECTIVE

The project aims to support the transformation towards low-carbon and resilient urban development as well as contribute to the implementation of national climate change targets and the Sustainable Development Goals (SDGs).

### Pilot City in Thailand



### PROJECT DURATION

April 2022 to December 2027

### FINANCED BY

The International Climate Initiative (IKI), commissioned by the German Federal Ministry for Economic Affairs and Climate Action (BMWK)

### COUNTRY

China, India, Indonesia, the Philippines, and Thailand  
14 pilot cities in the 5 partner countries in collaboration with Indonesia-Malaysia-Thailand Growth Triangle (IMT-GT)

# SCOPE OF WORK

Urban-Act has focused on **4** outputs as follows:

## Improved Institutional Environment for Climate-Sensitive Urban Development:

The project promotes the National Framework for Climate Services (NFCS), creates policy instruments for climate-sensitive urban development, bolsters policy dialogues for intersectoral and multi-level coordination, and establishes enabling conditions for urban climate finance.

## Enhanced Knowledge Through Regional Networking, Exchange, and Learning:

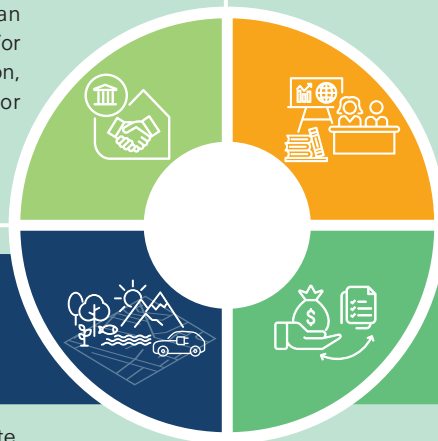
The project enhances knowledge through e-learning programme and country-level trainings, establishes Community of Practice (CoP) with regional and country-level chapters to foster technical dialogue, knowledge exchange and learning, together with promoting city-to-city knowledge exchange and pairing, as well as international and regional peer learning and exchange.

## Evidence-Based and Inclusive Climate-Sensitive Spatial and Urban Planning:

The project focuses on developing climate services for evidence-based planning, climate-sensitive regional and provincial spatial planning, and climate-relevant comprehensive land use planning at the city level.

## Project Concepts for Urban Climate Action Investment Identified:

The project promotes climate services for project preparation as well as climate-proofing in local budget plans and pipeline for urban climate actions, develops concept note for medium-to large-scale urban climate actions, and supports project preparation for small-scale urban climate actions.



## IMPACT

### City Level (Pilot City)

City administrations are equipped to set tailored and publicly accepted climate targets. Enhanced technical capacities in climate integrated planning, project preparation, and finance access enable cities to translate planning decisions into concrete and equitable urban climate actions.

### Country Level

Mechanisms for vertical and horizontal integration are improved and policy instruments including evidence-based planning are enhanced to enable climate-sensitive urban development.

### Asia - Pacific Level

The project contributes to a transformative change toward climate-sensitive urban development throughout the Asia-Pacific region by wider outreach and replication of project good practices.

## Project Partners and Cooperation Environment

### Sustainable Development Goals (SDGs)

### Resilient and Low-Carbon Cities

#### Political Partner



Office of the Permanent Secretary for Interior (OPSI), Ministry of Interior (MoI)

Localising SDGs

#### Governmental Implementing Partners



Department of Public Works and Town & Country Planning (DPT)

Spatial plan, land use plan, and urban development strategy



Office of Transport and Traffic Policy and Planning (OTP)

Sustainable transport and transport resilient infrastructure planning



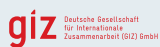
Office of Natural Resources and Environmental Policy and Planning (ONEP)

Development of Ecological Spatial Plan (ESP) and integrating into planning



Thai Meteorological Department (TMD)  
Urban climate services

#### National Partners



Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



Chulalongkorn University (CU)



Thammasat University (TU)



Thai Meteorological Department (TMD)



World Meteorological Organisation (WMO)

#### International Partners



Economic and Social Commission for Asia and the Pacific (ESCAP)



United Cities and Local Governments Asia-Pacific (UCLG ASPAC)



TU Dortmund University



University of Stuttgart

#### Published by

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

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#### Supported by

The International Climate Initiative (IKI),  
under the German Federal Ministry for  
Economic Affairs and Climate Action (BMWK)  
Bangkok, Thailand 2023

Printed with soy ink

## Joint Action for Climate - Friendly & Resilient Cities

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