First International Conference organized within the framework of PolyUrbanWaters Research and Project Network (BMBF 2019-2025)

POLYURBAN VATERS

Polycentric management of urban waters in fast-growing cities and peri-urban areas in Southeast Asia

Welcome to the 1st International PolyUrbanWaters Conference

Dr. Bernd Gutterer, BORDA e.V.; Prof. Dr. Philipp Misselwitz, TU Berlin; Prof. Dr. Lars Ribbe, TH Köln 24-25th
March 2021

Online / Berlin / Kratie / Sleman / Vientiane

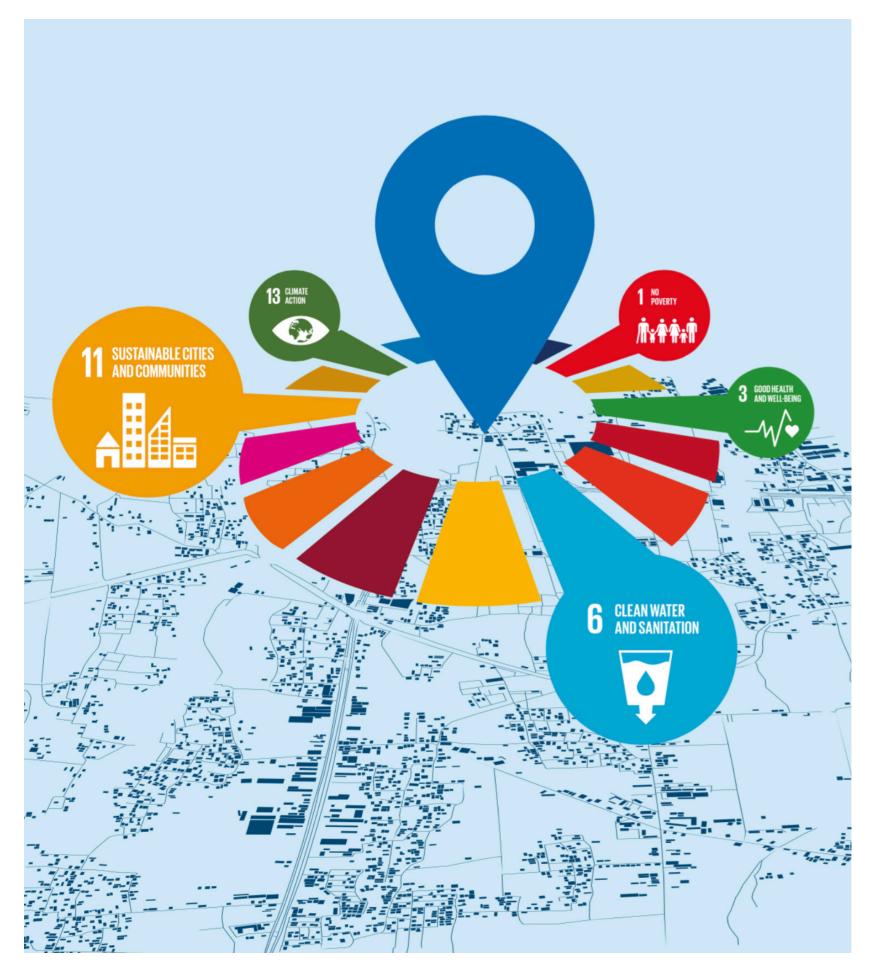
Development Dynamics and Water Challenges

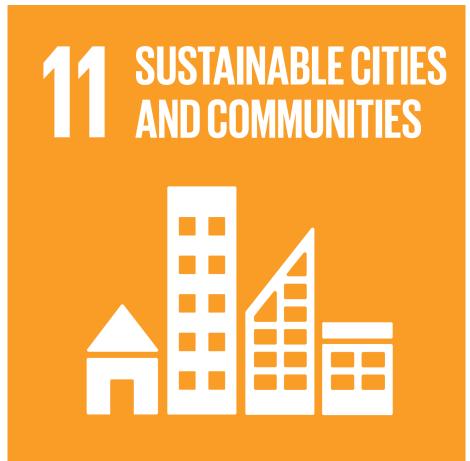




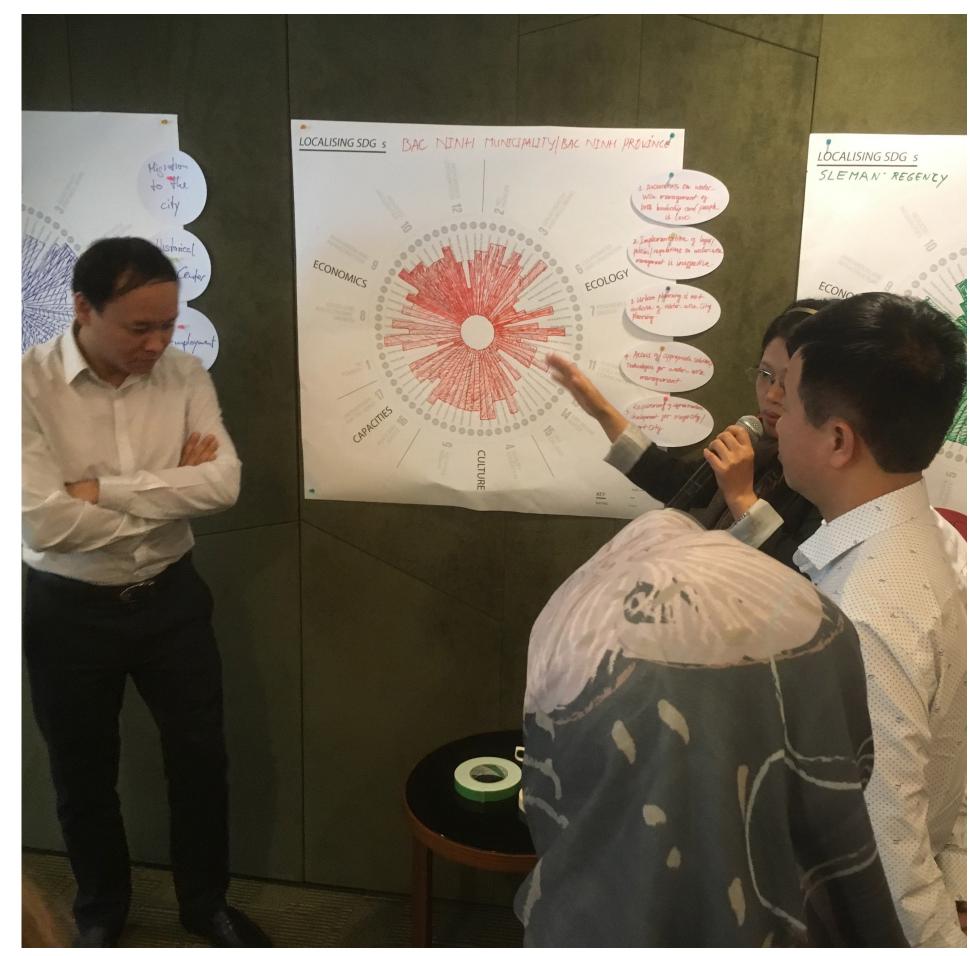


Localizing Sustainable Development Goals (SDGs) in secondary and tertiary cities in Southeast Asia



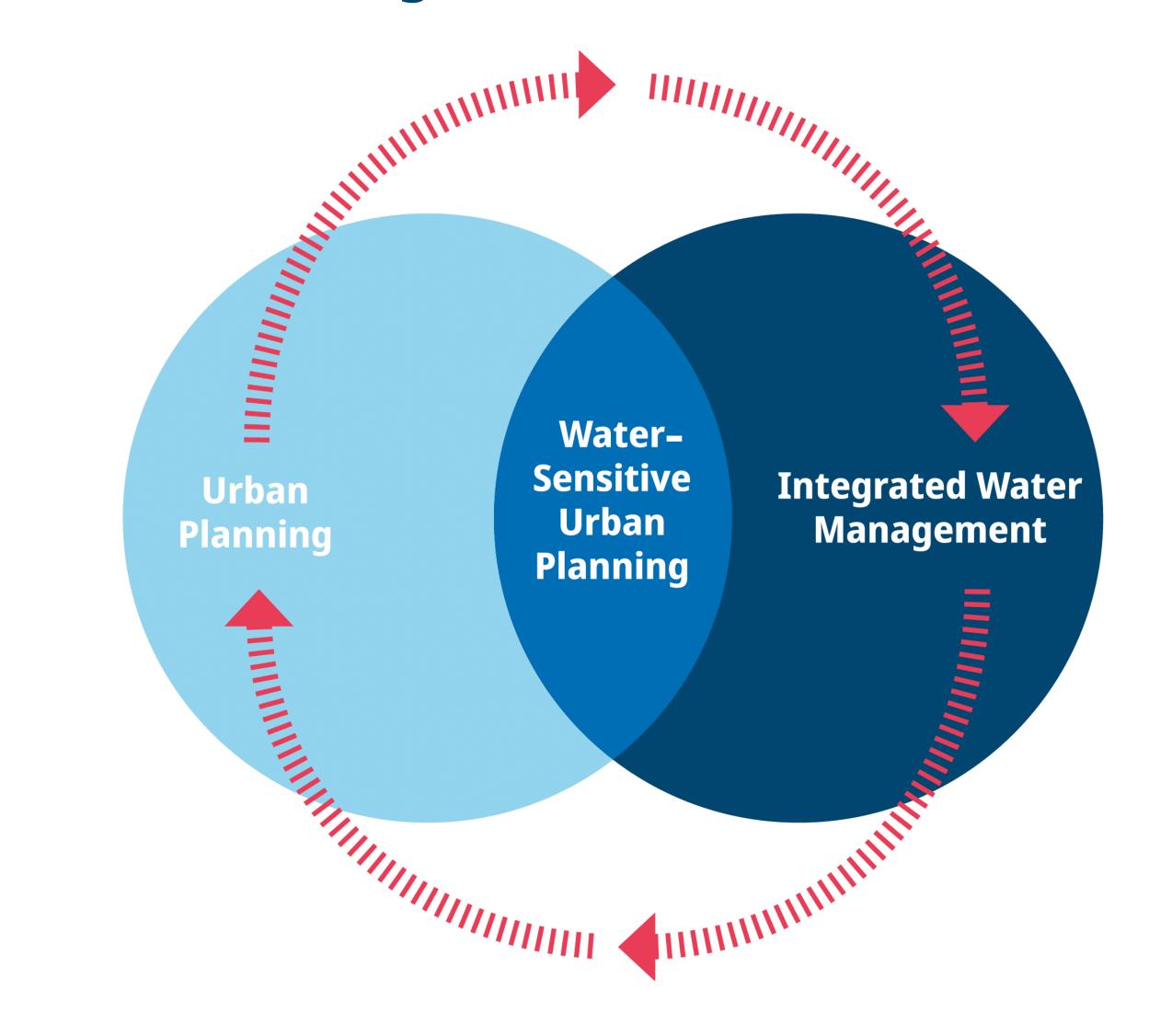








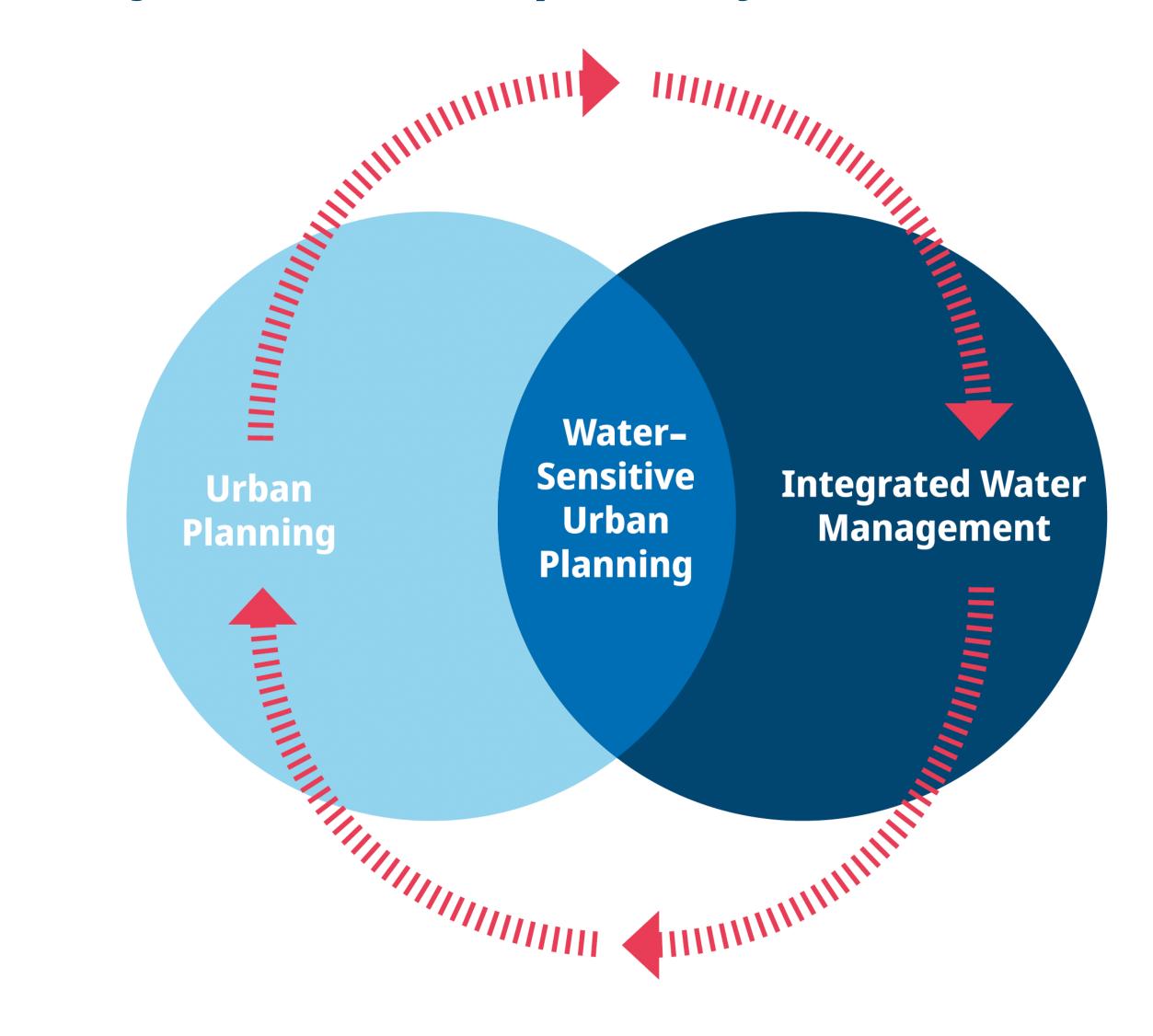
Water-Sensitive Urban Planning





Socio-ecological and just transition pathways

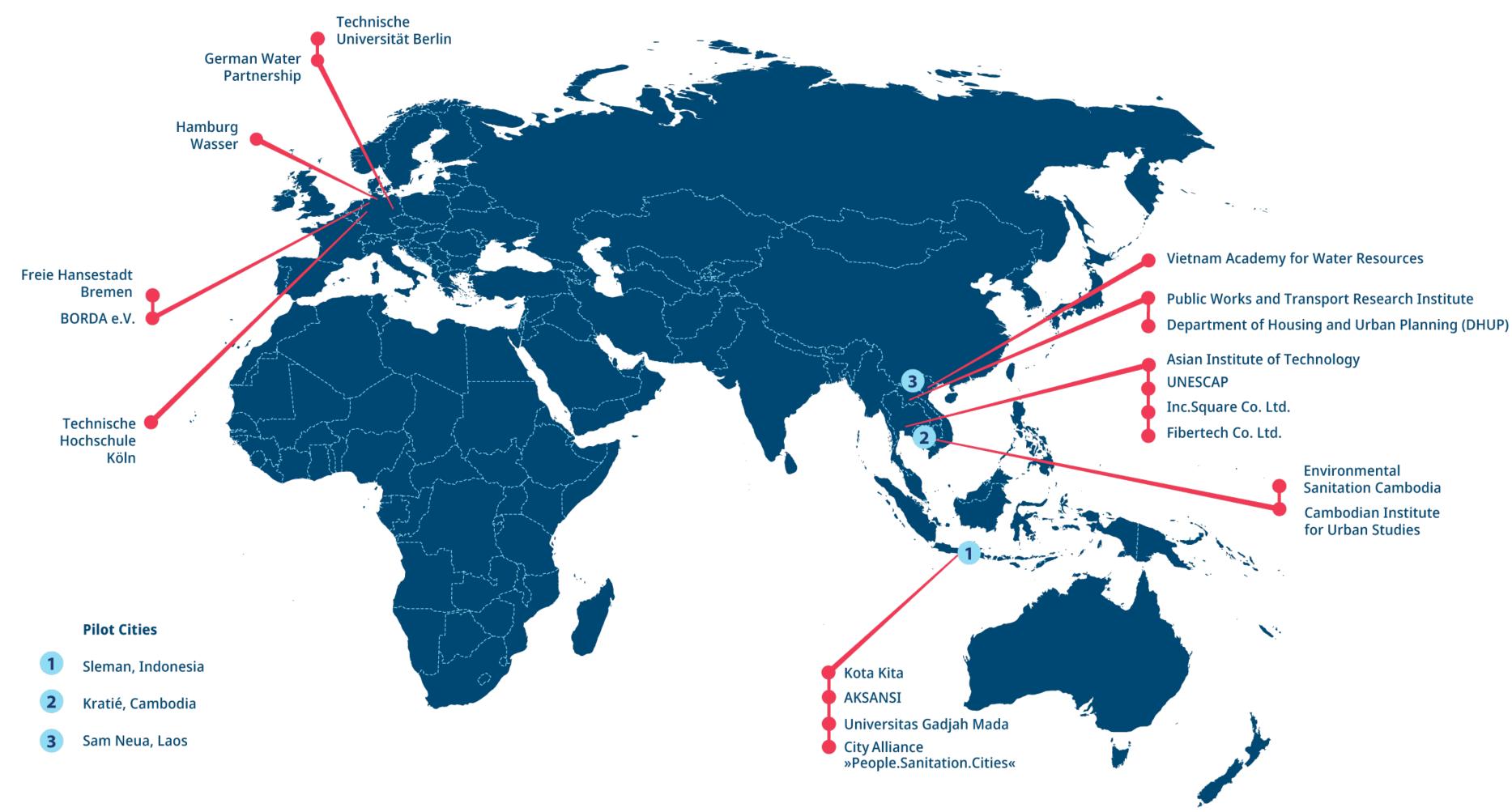
Building knowledge (grounding)



Co-designing strategic tools and building capacities



Learning network

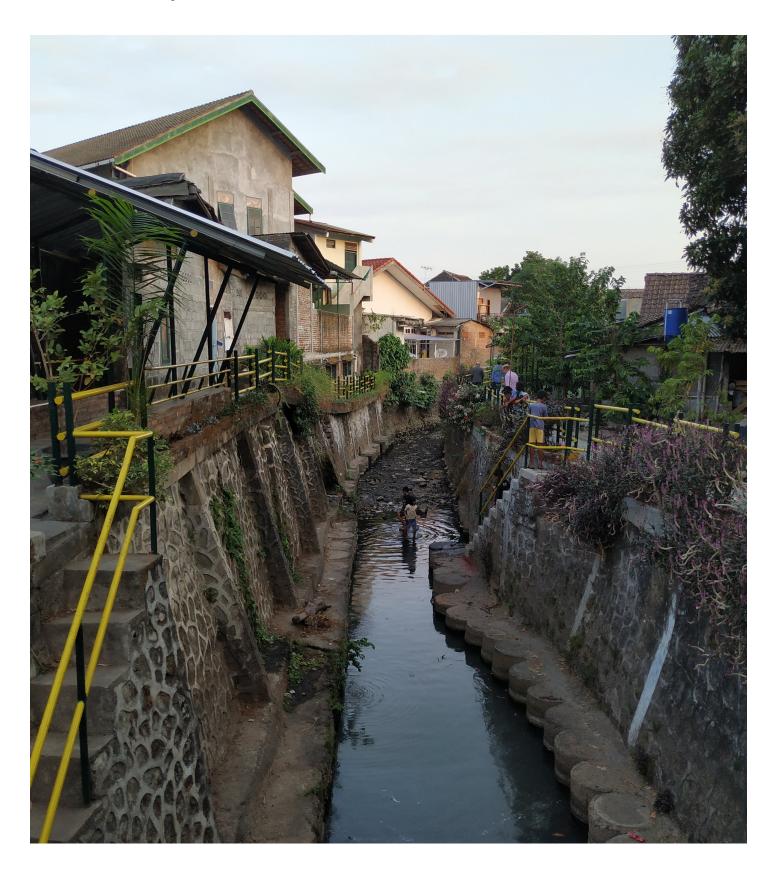






Pilot Cities

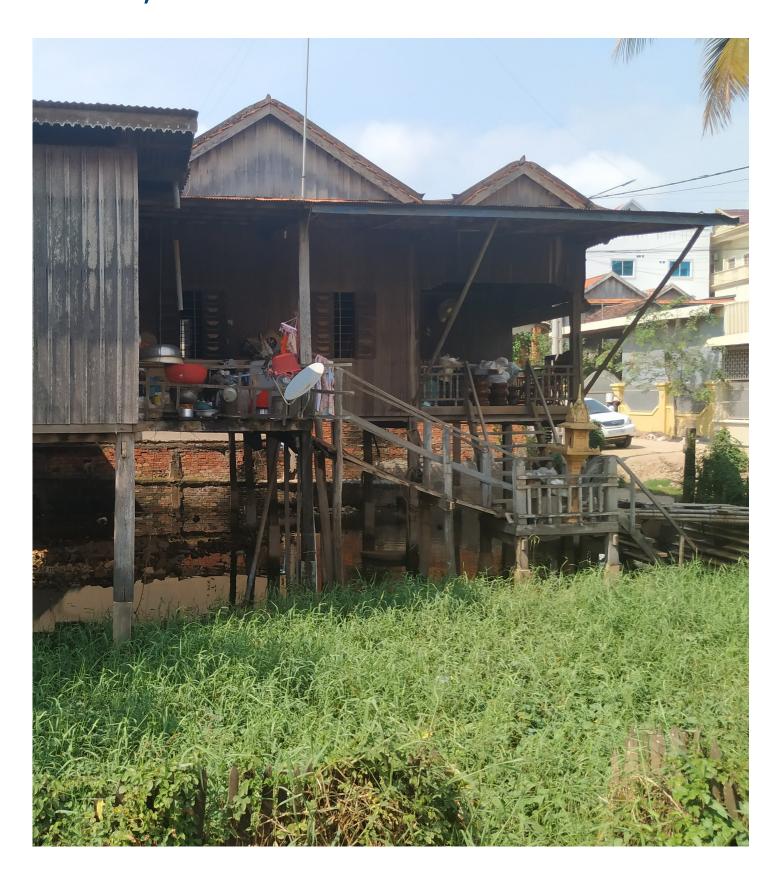
Sleman, Indonesia



Sam Neua, Laos

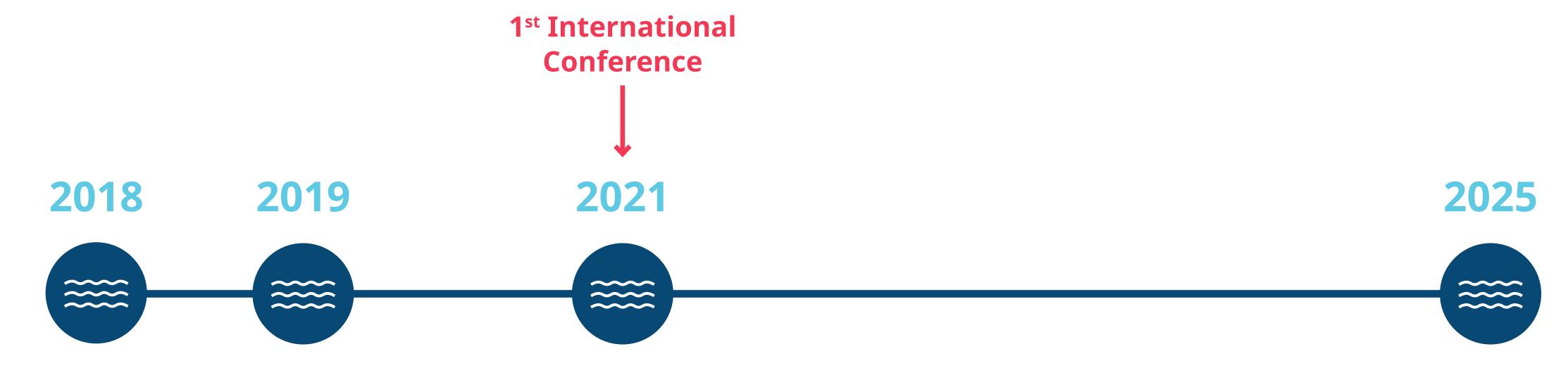


Kratié, Cambodia





Project Timeline



Initial Assessment

Definition Phase:

Definition of research design and establishment of network

Research and Development Phase:

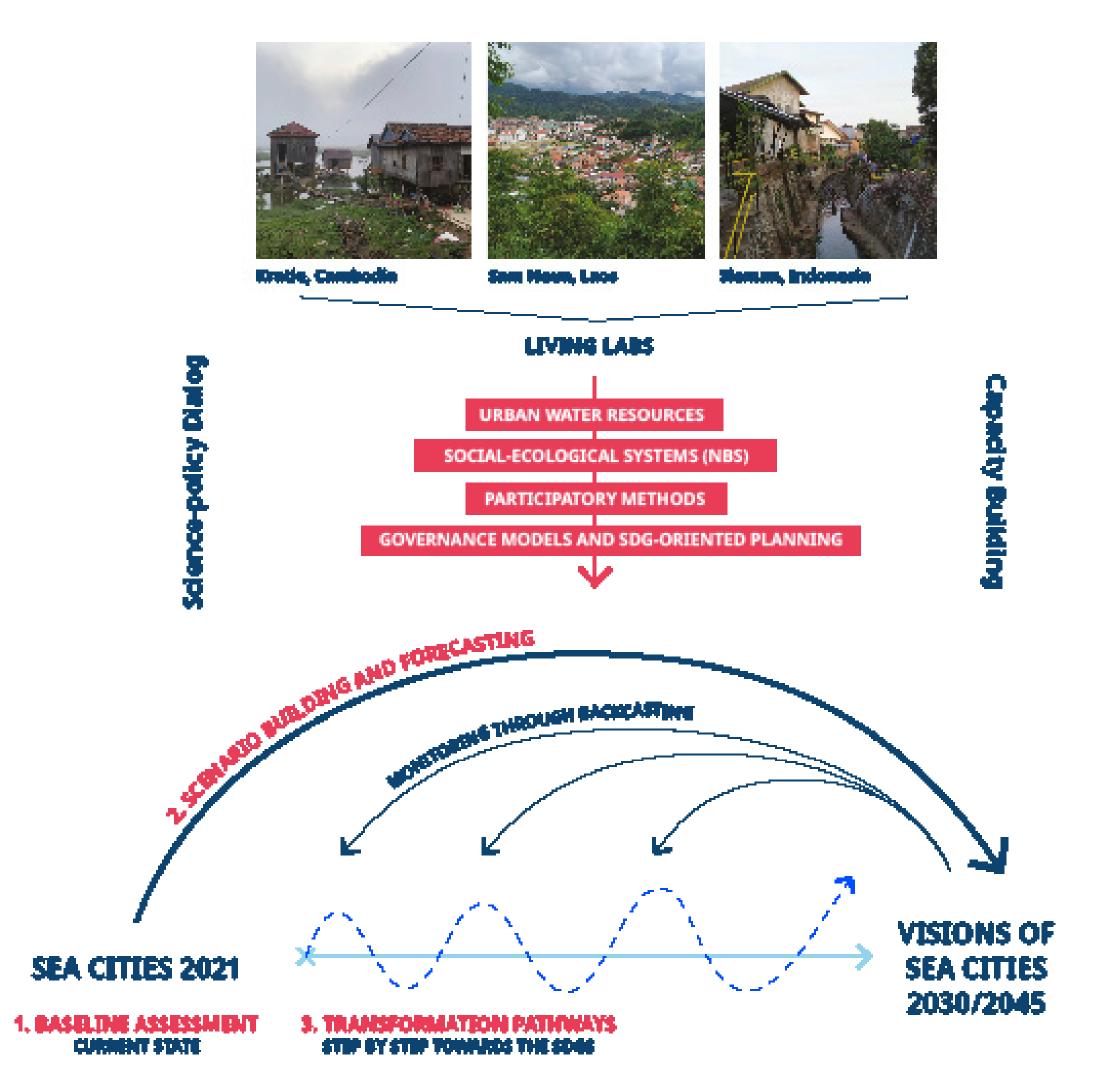
Generation of comprehensive, evidence-based knowledge development and implementation of practice-oriented tools and approaches



Living Labs

Linking local governments and communities with the activities of PolyUrbanWaters and guiding them through the process.

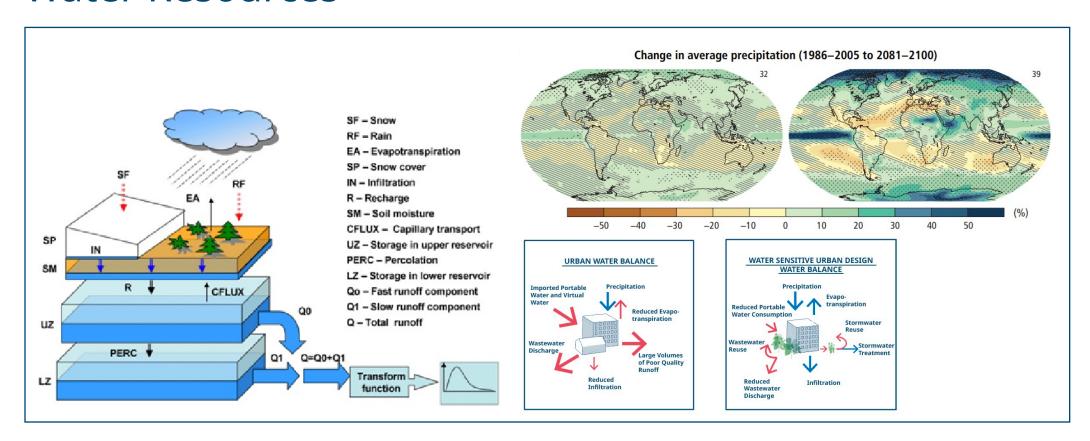






Research Workpackages

WP3 - Tools and Methods to Assess and Monitor Urban Water Resources



WP5 - Participatory, Water-Sensitive Urban Planning Micro level (neighborhood, village)

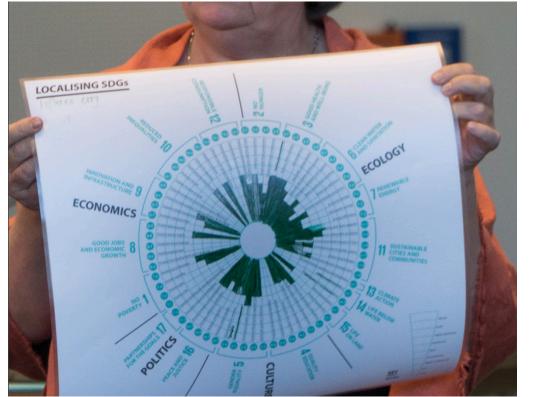




WP4 - Options for Sustainable Water-Sensitive Infrastructure (NbS)



WP6 - Future-Oriented Planning towards SDGs Micro/meso level (municipal, regional level)







Key Activities

Polyurbwater

Research & Development Phase 04/2021 - 02/2025

Baseline Assessment

Scenario Building

Business as usuall 2030/2045
Water in the City 2021

Road maps & guidelines

2021 2023

2025

for practitioners

(hybrid: online + on site living lab/video)

Implementation of teaching

modules in the curricula

International

Conference

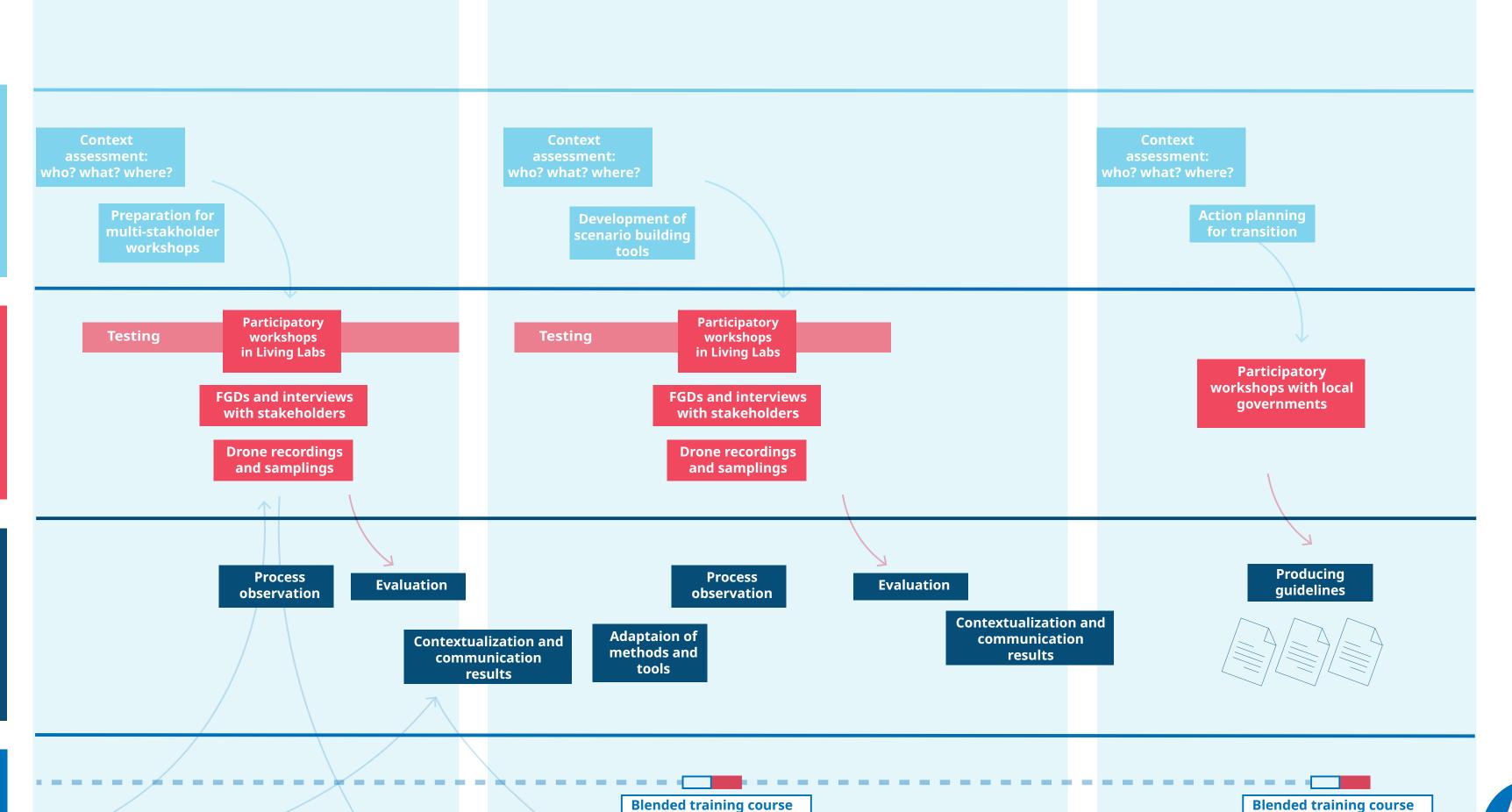
2024

Preparation

Research activities organized in three living labs

Processing and communication

Capacity Building remote & digital or on site



for practitioners

(hybrid: online + on site

living lab/video)

Integration of PolyUrbanWaters Reasearch with ongoing teaching

programms at academic partner institutions

International

Conference

International

Conference

Development of learning units (formats)





We are looking forward to an interesting discussion today!

SPONSORED BY THE













A cooperation network, which consists of academic institutions, municipalities, local and national government agencies, civil society and private sector from Indonesia, Cambodia, Laos, Thailand, Vietnam and Germany.



1st International Conference

KEYNOTE SESSION

Urban Water Resources in the World and 8.00 - 10.00 (CET) in Southeast Asia 14.00 - 16.00 (ICT)

Moderated by Jati Kusumowati and David Dietz, BORDA e.V.

PUBLIC SESSION 2

Water for the Future in Southeast Asian Cities

10.15 - 11.45 (CET)

Moderated by Prof. Dr. Lars Ribbe, ITT TH Köln

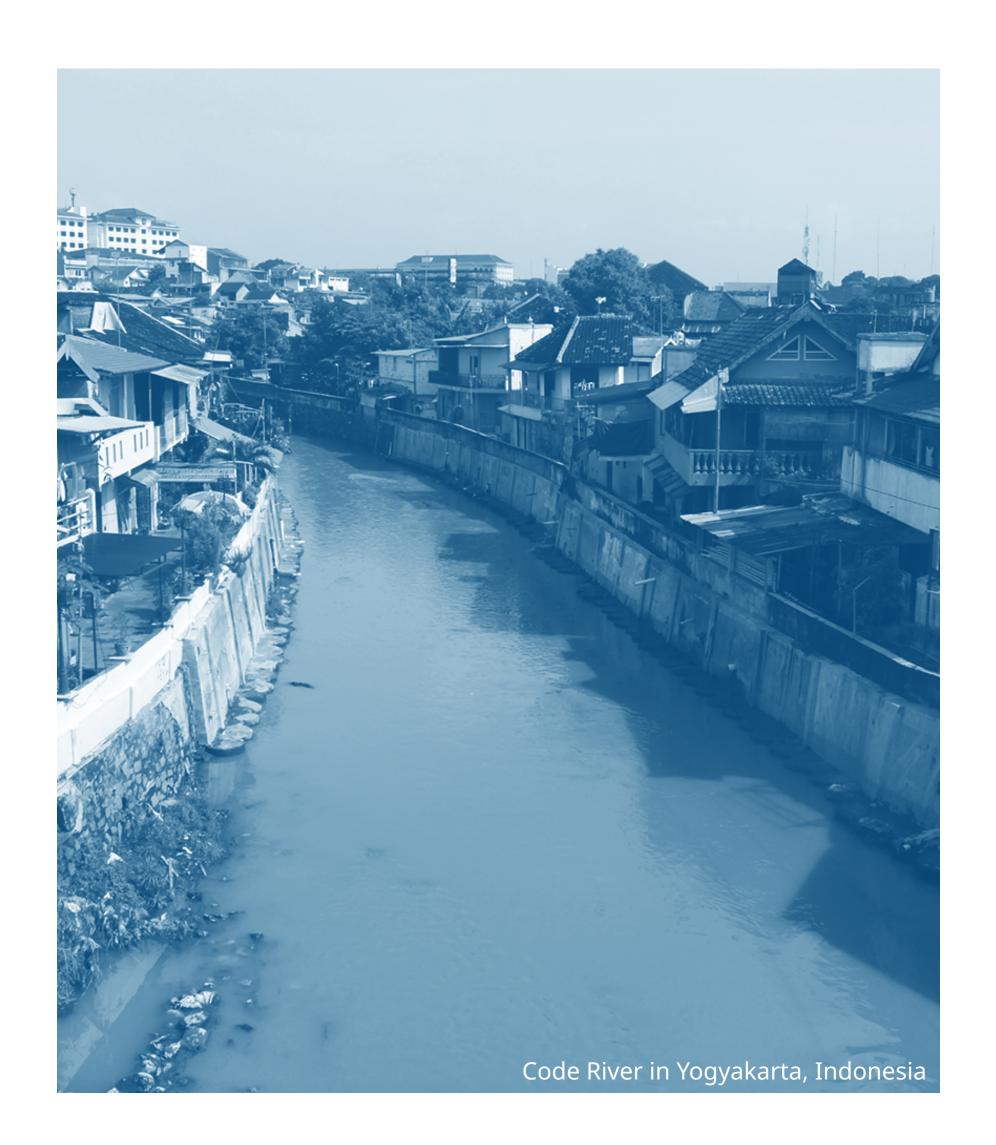
10.15 - 17.45 (ICT)

PUBLIC SESSION 3

and Dr. Trinh Tran, VAWR

Global Perspectives on Strategic Planning Tools 12.00 - 13.30 (CET) and Methods for Sustainable Futures 18.00 - 19.30 (ICT)

Moderated by Prof. Dr. Bakti Setiawan, Gadjah Mada University and Anna Wilk-Pham, Habitat Unit - TU Berlin





Research and Development Phase

WP1: Project Management

WP2: Living Labs

WP3: Assessing & Monitoring

Urban Water Resources

WP4: Sustainable Water-

Sensitive Development

WP5: Participatory, Water-Sensitive

Urban Planning

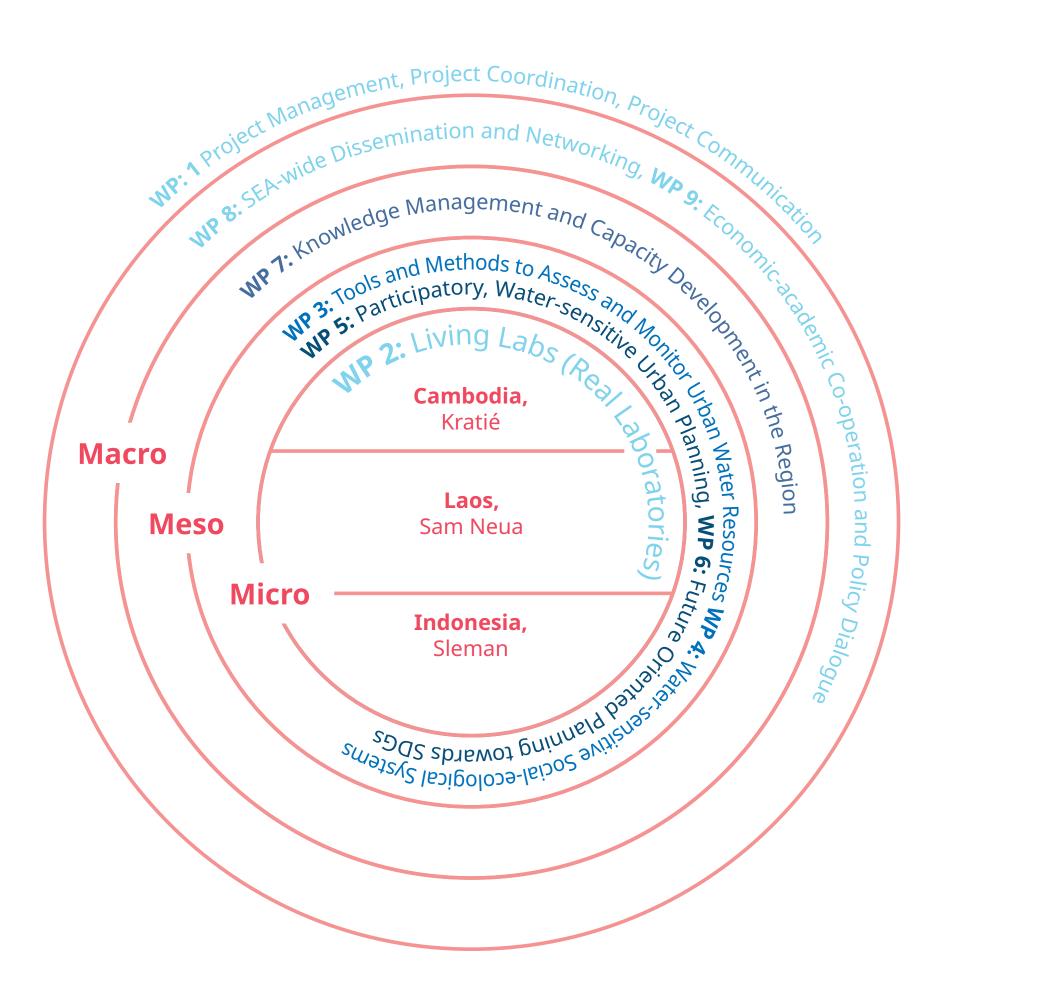
WP6: Future-Oriented Planning

Towards SDGs

WP7: Capacity Building

WP8: Networking

WP9: Policy Dialogue





PolyUrbanWaters is aiming..

..to contribute to building an inter- and transdisciplinary local knowledge base on water and urban development related challenges and support inclusive and future-oriented municipal planning approaches across SEA.

..to foster **effective and sustainable water-sensitive urban development** through a combination of centralized and decentralized technical and social-ecological innovations.

..to use "water" as a strategic entry point towards integrated, inclusive and resilient urban development.

..to inform new practice-oriented pedagogies, capacity building approaches and research agendas and strengthen a network of academic institutions.

