

At the centre of the PERICENE project is an international 'Policy Laboratory'. This is a space for (a) diagnosis of problems, and (b) co-creation of pathways and solutions. It includes both off-line exchange and an online platform:

- International workshop in late 2020 (likely to be Stockholm)
- Interviews with partners and a series of dialogues by webinar
- Online Peri-urban Analysis Tool for spatial development / climate risk & resilience:
- Online Pathways Tool for innovations and solutions.
- Partners / associates are invited to publish a chapter in the 'International Handbook of Peri-urbanization' with Springer.

WHO IS IN THE POLICY LAB?

- 16 city-regions are signed up Partners in the Lab: Melbourne, Changsha, Surabaya, Bangkok, Cairo, Johannesburg, Kumasi, Naples, Helsinki, Belo Horizonte, Toronto, San Diego, Mexicali. Chennai and Manchester City-Region are the sites of in-depth case study research.
- Partners (associated) city / regions / states also include: Victoria (AU), Tokyo, Guangzhou, Dhaka, Doha, Moscow, Ghana, Santiago.
- These are supported by 3 inter-governmental partner organizations: UN Habitat, UN Global Compact on Cities, and ICLEI (International Council for Local Environmental Initiatives). Many of the partners are also members of the Rockefeller 100 Resilient Cities community.

Together these Partners represent the major urban types and climate risk types, from both developing (urban South) and developed countries (urban North).

HOW DOES THE POLICY LAB WORK?

All project Partners and Associates will have access to the Policy Lab. This is a 2 part combination:

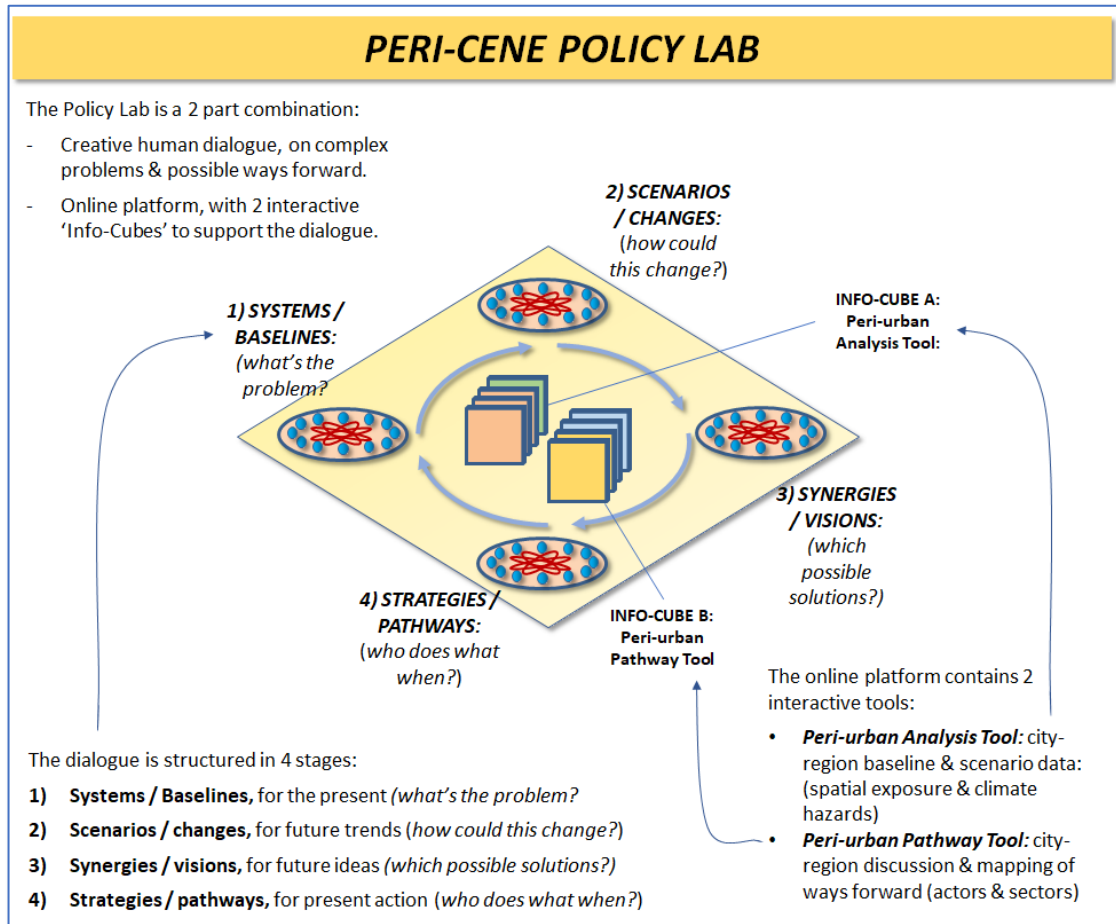
- Creative human dialogue, on complex problems & possible ways forward.
- Online platform, with 2 interactive 'Info-Cubes' to support the dialogue.

The dialogue is structured in 4 stages, over 18 months from late 2019:

- 1) **Systems / Baselines**, for the present (*what's the problem?*)
- 2) **Scenarios / changes**, for future trends (*how could this change?*)
- 3) **Synergies / visions**, for future ideas (*which possible solutions?*)
- 4) **Strategies / pathways**, for present action (*who does what when?*)

The online platform is a knowledge management system, which contains 2 main tools:

- **Peri-urban Analysis Tool:** city-region baseline & scenario data: (spatial exposure & climate risk data)
- **Peri-urban Pathway Tool:** city-region mapping of solutions & ways forward (actors & sectors).



Each partner / associate will have an online page, with content on problems and ways forward. Materials will be generated from:

- interviews & webinar discussions
- policy & other documents
- spatial analysis results
- dialogues at the international workshop in 2020.

WHAT ARE THE OUTCOMES?

Overall the Policy Lab will help to build *strategic policy intelligence*, in four main sectors:

- Urban-rural / climate-environment planning, (mainly public sector);
- Finance, real estate, (mainly corporate sector);
- Social economy & community enterprise, (mainly civic sector);
- Resource management & urban infrastructure, (various sectors).

The Policy Lab is itself an innovation: it connects a research hub with a global community of practitioners / academics, in two-way mutual learning and dialogue, supported by modular knowledge and interactive tools.

WHEN DOES THIS HAPPEN?

The Policy Lab stages include:

- Summer 2019: online introductions & interviews with partners
- December 2019: launch of Policy Lab and platform: this includes partner profiles & baseline analysis: spatial data from the Peri-urban Analysis Toolkit (demo version):
- June 2020: global & case study level and scenario results and analysis: Peri-urban Analysis Toolkit (interactive version):
- December 2020: dialogues on synergies and ways forward, at the international Pathways Workshop in Stockholm: (signed up Partners are fully funded: associate partners are strongly invited).
- June 2021 (end of project): synthesis of forward pathways: inter-governmental dissemination materials & events: prepare for follow-up research.

LINKED PUBLICATION

Also - all Policy Lab partners are invited to contribute chapters / sections for the '*International Handbook of Peri-Urban Studies*' (Rajan, Ravetz, Connelly, Monte-Mor (Eds): Springer, publication in 2021). The publication timetable matches the PERICENE program. This will be a very practical and durable outcome of the partnership.

ANNEX: PERI-CENE PARTNERS & ASSOCIATES

PARTNERS (SIGNED UP)	net works	Climatic type	Economic type	Peri-urban type (estimated)	Organization
Melbourne, AU	100RC	Coastal, temperate	OECD	Urban expansion, formal	Urban Vitality
Changsha, China		Inland, sub-tropical,	Upper middle:	Urban expansion, mainly formal	Hunan University
Surabaya/Malang, Indonesia	100RC	Coastal, sub-tropical	Lower middle:	Urban expansion, mainly formal	Universitas Brawijaya
Bangkok, Thailand	100RC	Coastal, sub-tropical	Upper middle	Poly-centric, part formal	Chulalongkorn University
Chennai, India	100RC	Coastal tropical grassland	Lower middle	Urban expansion, mainly informal	Resilient Chennai
Cairo, Egypt		Coastal, arid	Lower middle:	Urban expansion, part formal	Ain Shams University
Johannesburg, SA	SACities	Inland, semi-arid	Upper middle:	Poly-centric, legacy	South African Cities Network
Kumasi, Ghana	100RC	Coastal, tropical	Lower middle:	Urban expansion, mainly informal	Old Tafo Municipal Assembly
Naples, Italy		Coastal, Mediterr	OECD	Poly-centric, part formal	Università degli Studi di Napoli Federic
Helsinki, Finland		Coastal, northern	OECD	Urban expansion, formal	Finnish Environment Institute / Ministry of Planning
Greater Manchester region	100RC	Maritime, temperate	OECD	Poly-centric, formal	Greater Manchester Combined Authority

Belo Horizonte, Brasil	100RC	Inland, tropical	Upper middle	Urban expansion, part formal	Federal University of Minas Gerais
Toronto, Canada	100RC	Inland, continental	OECD	Urban expansion, part formal	Friends of the Greenbelt Foundation
San Diego, USA	Bio-regional	Coastal, semi-arid	OECD	Poly-centric, formal	University of California, San Diego
Mexicali, Mexico		Inland, arid,	Upper middle:	Urban expansion, part formal	Autonomous University of Baja California

PARTNERS (ASSOCIATED)	<i>net works</i>	<i>Geographic type</i>	<i>Economic type</i>	<i>Urban Type</i>	<i>Organization</i>
Victoria, AU		<i>Coastal, semi-arid</i>	<i>OECD</i>	<i>Poly-centric, formal</i>	<i>State Govt of Victoria, Dept of Environment, Land, & Planning</i>
Tokyo, Japan		<i>Coastal temperate</i>	<i>OECD</i>	<i>Poly-centric, formal</i>	<i>University of Tokyo</i>
Guangzhou, China	<i>Citi-states</i>	<i>Coastal sub-tropical</i>	<i>Upper middle</i>	<i>Poly-centric, formal</i>	<i>Guangzhou Institute for Urban Innovation</i>
Dhaka, Bangladesh		<i>Coastal, sub-tropical</i>	<i>LDC</i>	<i>Urban expansion, mainly informal</i>	
Doha, Qatar,	<i>GBC</i>	<i>Coastal, arid</i>	<i>High income</i>	<i>Urban expansion, formal</i>	<i>Qatar Green Building Council</i>
Ghana		<i>Coastal, tropical</i>	<i>Lower middle:</i>	<i>Poly-centric, mainly informal</i>	<i>Spatial planning authority, Ghana</i>
Santiago, Chile		<i>Maritime, temperate</i>	<i>Upper middle</i>	<i>Poly-centric, part formal</i>	<i>Universidad de Chile FAU</i>
Moscow, RU		<i>Inland, continental</i>	<i>Upper middle</i>	<i>Urban expansion, part formal</i>	<i>Higher School of Economics / DOM.RU</i>

NGO & IGO PARTNERS					<i>Organization</i>
UN Habitat					Urban Design and Planning Services Unit
UN Global Compact Cities					c/o RMIT, Melbourne
ICLEI					Local Govts for Sustainability