Rethinking Solutions **By**, **With** & **For** Cities:

Leveraging space data to enable urban sustainability through a human needs lens

Pourya Salehi
Head of Urban Research, Innovation, and Development Team, ICLEI
Co-Chair of GCoM's Research & Innovation Technical Working Group

URBIS24, 16 - 18 September 2024, ESRIN, Rome
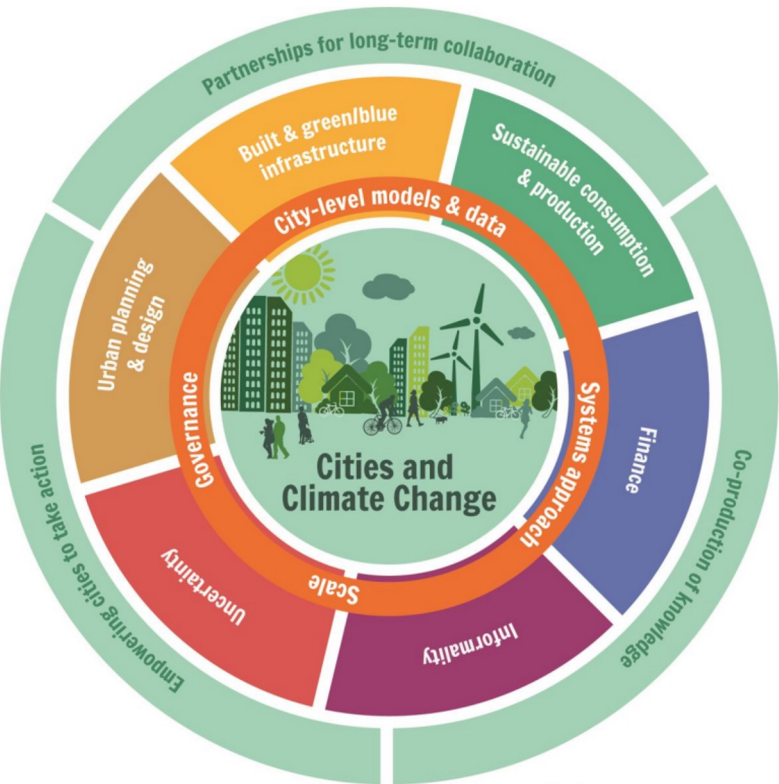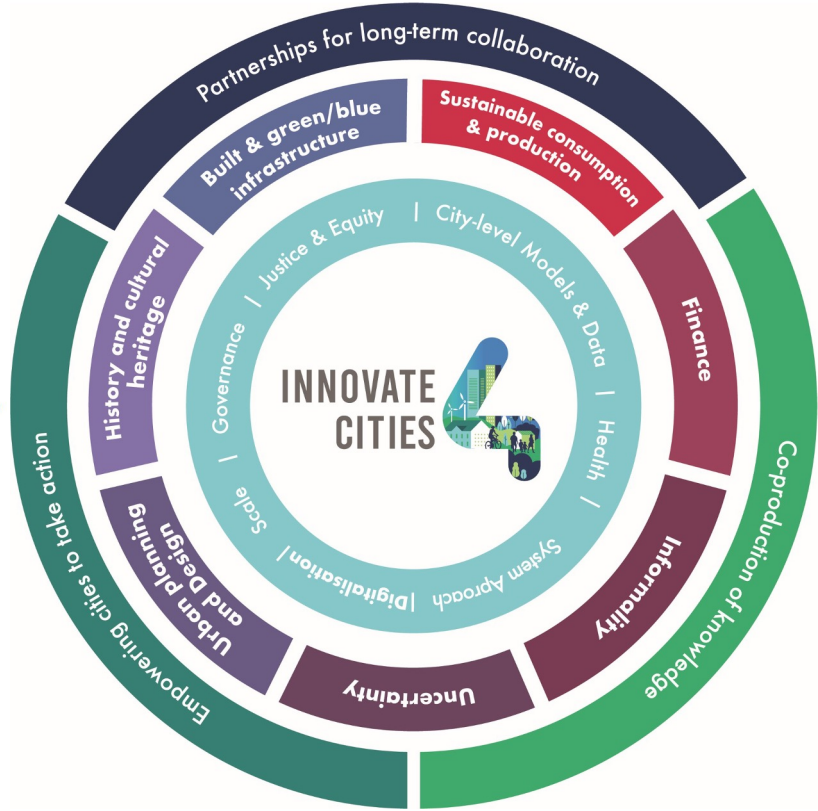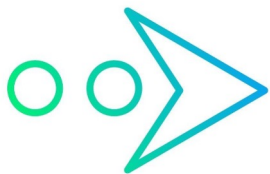
ICLEI as a Global Network

British Columbia Office
Victoria, Canada

Canada Office
Toronto, Canada

USA Office
Denver, USA

Quebec Office
Montreal, Canada

Mexico, Central America & Caribbean Secretariat
Mexico City, Mexico

Colombia Office
Medellin, Colombia

Argentina Office
Rosario, Argentina

South America Secretariat
São Paulo, Brazil

World Secretariat
Bonn, Germany

Berlin Office
Berlin, Germany

Brussels Office
Brussels, Belgium

European Secretariat
Freiburg, Germany

Africa Secretariat
Cape Town, South Africa

East Asia Secretariat
Seoul, Republic of Korea

Korea Office
Suwon, Republic of Korea

Beijing Office
Beijing, China

Bangladesh Project Office
Dhaka, Bangladesh

Japan Office
Tokyo, Japan

South Asia Secretariat
New Delhi, India

South India Center
Hyderabad, India

Kaohsiung Capacity Center
Kaohsiung, Chinese Taipei

South East Asia Secretariat
Manila, Philippines

Indonesia Project Office
Jakarta, Indonesia

Oceania Secretariat
Melbourne, Australia

Secretariat Office
Country Office
Project Office

Our network in numbers

2500+
cities, towns and regions

125+
countries worldwide

25%+
percent of the global urban population

20+
percent of the global population

ICLEI's Role and Core activities

Research & Innovation

International Processes & Agendas

Translate Knowledge & Policy Recommendations

Advocacy, Platforms & Events

Tools & Methods

Implementation

Capacity Building

Coordination (Multi-level)

ICLEI
Local Governments for Sustainability

Identified Knowledge & Action Gaps in Cities

GRAA first wheel:
Cities and Climate Change Science Conference, 2018

GRAA updated wheel in 2021
Primary outcome of Innovate4Cities 2021
Launched at ICLEI World Congress, 2021-2022

Identified Knowledge & Action Gaps in Cities
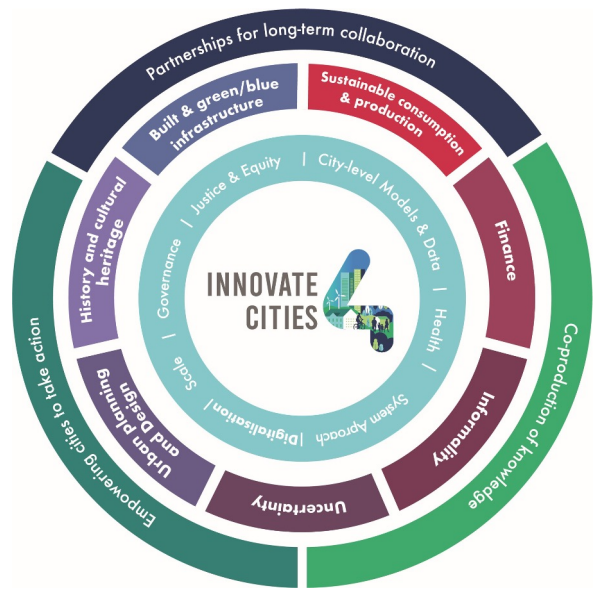
Updated GRAA wheel in 2021
Primary outcome of Innovate4Cities 2021
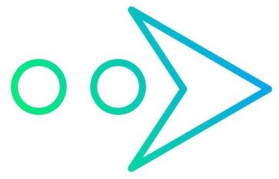
Updated GRAA wheel in 2024: Outcome of Innovate4Cities
2024 and Informed by ICLEI World Congress 2024

The Need to Transform: Expanding Our Agendas
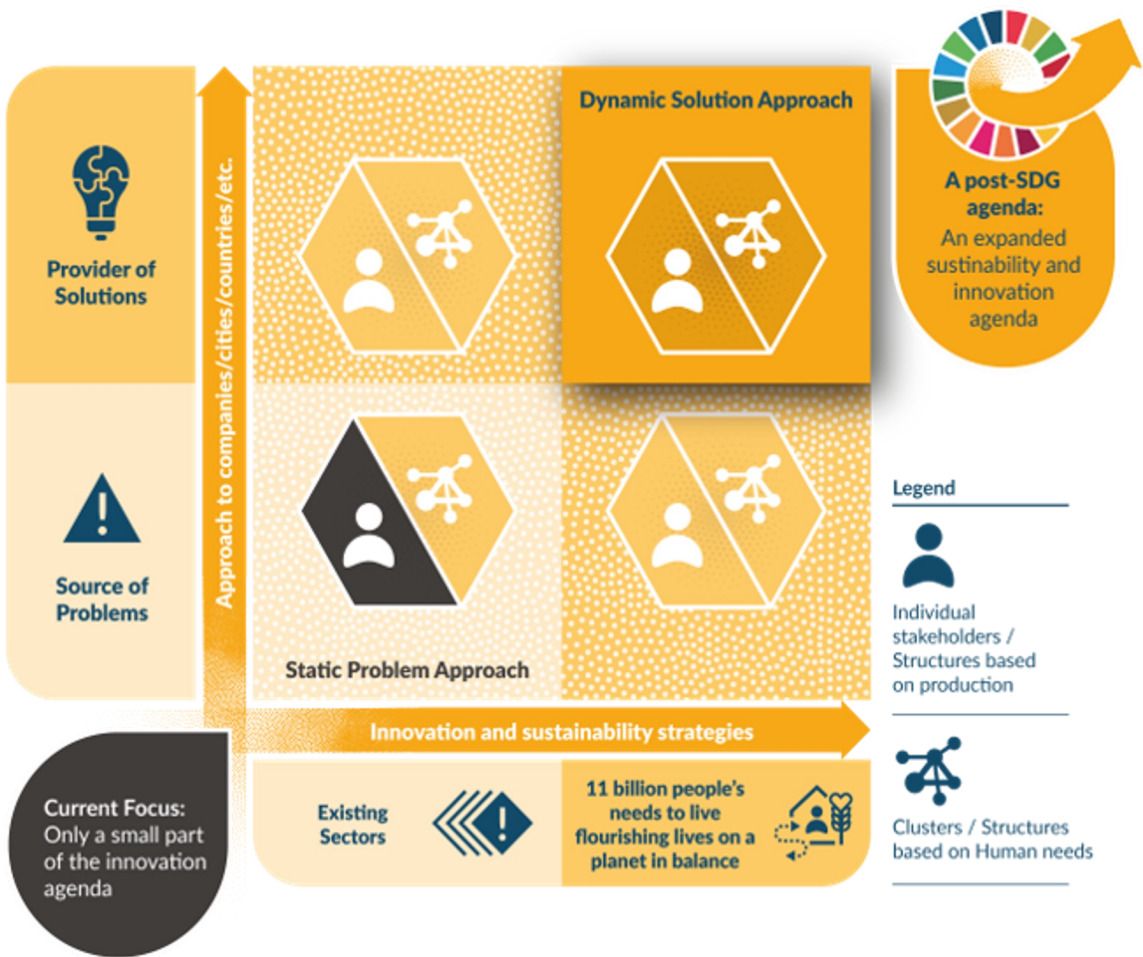
Do we need A to B?

... Or do we need access?

Tip of the iceberg – Narrow Innovation Agenda

Tip of the iceberg
Leads to narrow climate innovation agenda: just looks at events and patterns and everything below remains unquestioned

Full iceberg
Expanded climate innovation agenda: question and changes in every level, starting by mental models around innovation and well-being

Events

Events

Patterns

Patterns

Exploring the whole iceberg for smarter innovations

System Structure

System Structure

Mental Models

Mental Models

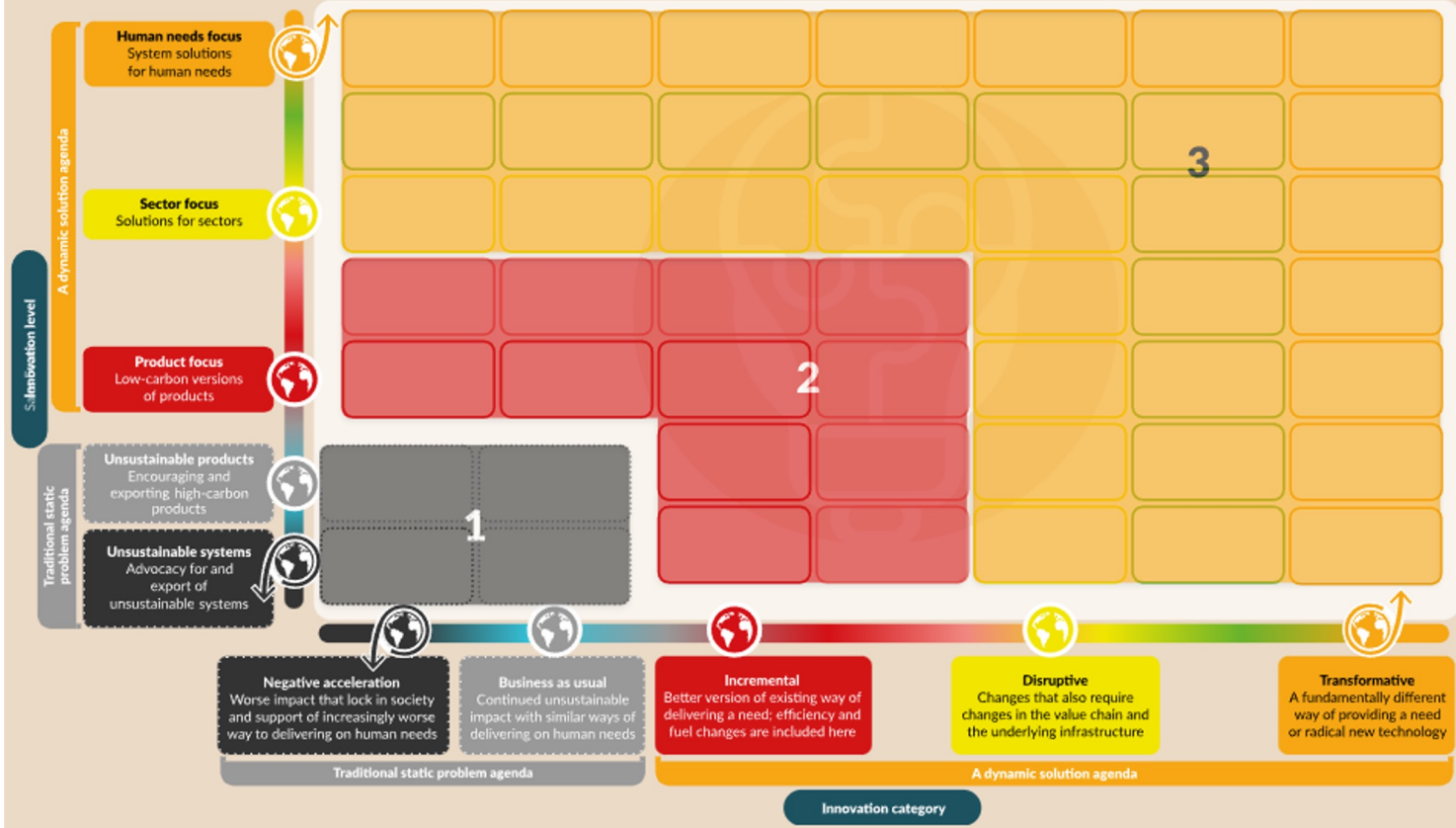# Tools to Enable Cities and Regions as Solution Providers

Climate & Innovation Scanning

Please scan this QR code to be redirected to the Scanning for expanded climate and innovation leadership

City/Region Strategy Development & Benchmarking

Please scan this QR code to be redirected to the City/Region strategy development and benchmarking

The Crucial Role of Data Combined with a Human Needs Perspective

Enabling the vision(s) that cities need to address root causes, not symptoms

Long: A vision for the future

Short: Urgent priorities & inclusive services

Peripheral: Unforeseen challenges

The IPCC Special Report on Climate Change & Cities

- Part of Seventh Assessment Cycle
- 140 experts from 65 countries part of scoping meeting in Riga
- Outline finalized in Sofia in July/August
- Unique opportunities:
  - Policy relevant & solution-oriented
  - Innovation focus
  - Indispensable sources of knowledge
  - Practitioner/case study inclusion

Rethink
Action

Thank You.

Feel free to connect with me on LinkedIn or via email at pourya.salehi@iclei.org

European Commission

Covenant of Mayors for Climate & Energy EUROPE

ICLEI
Local Governments for Sustainability

UN-HABITAT

OECD
BETTER POLICIES FOR BETTER LIVES

esa