



I.C.L.E.I

Local
Governments
for Sustainability

EUROPE

Connect • Innovate • Accelerate

ABOUT

ICLEI - Local Governments for Sustainability is a global network of more than **1,750 local and regional governments** committed to **sustainable urban development**.

Active in 100+ countries, we influence sustainability policy and drive local action for low emission, nature-based, equitable, resilient and circular development.

Our Members and team of experts work together through peer exchange, partnerships and capacity building to create systemic change for urban sustainability.

1750+ LOCAL
AND REGIONAL
GOVERNMENTS

22 OFFICES
WORLDWIDE

ACTIVE IN
100+ COUNTRIES

IMPACTING MORE THAN
25% OF THE
GLOBAL URBAN POPULATION

AND MORE THAN
20% OF THE
GLOBAL POPULATION

5 INTERCONNECTED
DEVELOPMENT
PATHWAYS

ICLEI AROUND THE WORLD

Serving our network from 22 offices around the world



THE FIVE ICLEI PATHWAYS



LOW EMISSION
DEVELOPMENT



NATURE-BASED
DEVELOPMENT



EQUITABLE
AND PEOPLE-
CENTERED
DEVELOPMENT



RESILIENT
DEVELOPMENT



CIRCULAR
DEVELOPMENT

The **FIVE ICLEI PATHWAYS** reflect ICLEI's approach to achieving a sustainable city as well as local contributions to implementing the goals laid out in international frameworks such as the Sustainable Development Goals. Any of our individual projects or initiatives can be oriented along one or more specific pathways. We also look at how the pathways connect to bring about change in an **INTEGRATED** way. For example, we consider how nature-based development contributes to resilience, or how to bring equity into low emission development.

CIRCULAR DEVELOPMENT PATHWAY

THE 5 PATHWAYS: HOW THEY ADVANCE THE SUSTAINABLE DEVELOPMENT GOALS

LOW EMISSION DEVELOPMENT



NATURE-BASED DEVELOPMENT



CIRCULAR DEVELOPMENT



RESILIENT DEVELOPMENT



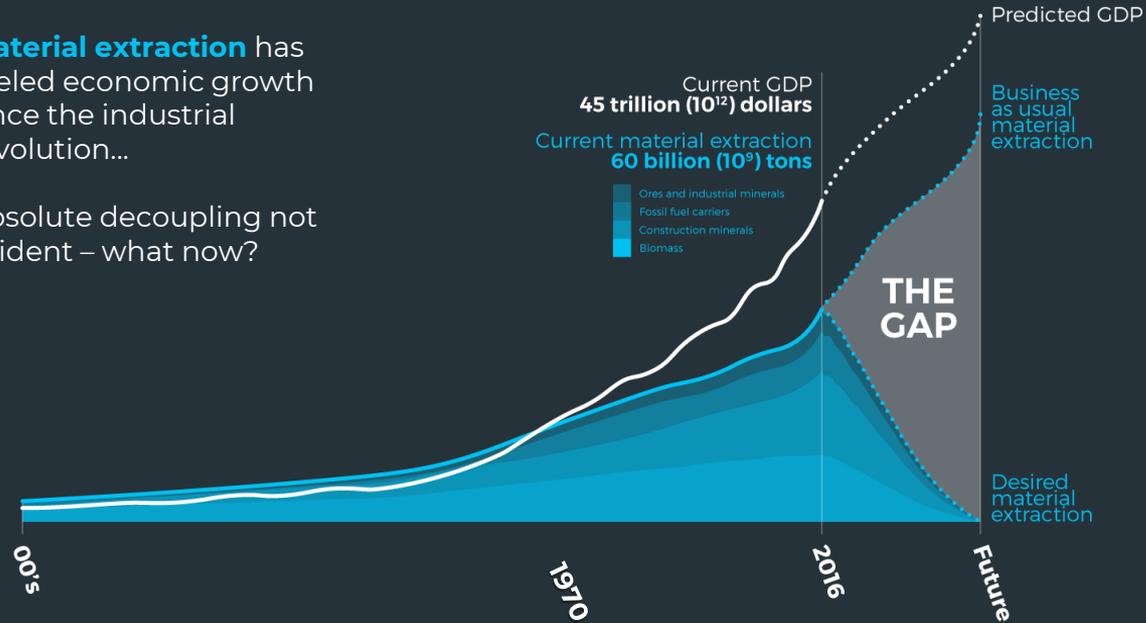
EQUITABLE AND PEOPLE-CENTERED DEVELOPMENT



„THE GAP“

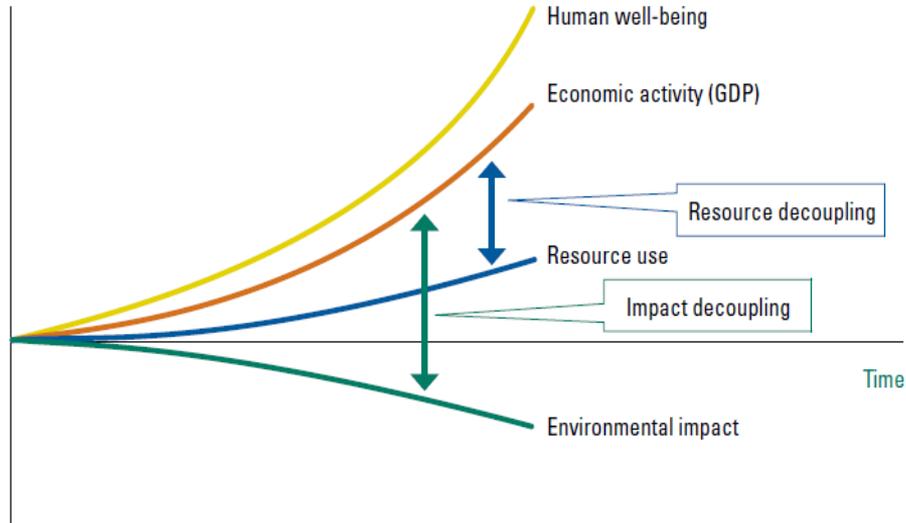
Material extraction has fueled economic growth since the industrial revolution...

Absolute decoupling not evident – what now?



Source: UNEP (2011) after Krausmann et al. 2009, adapted by Circle Economy

DECOUPLING EFFECTS



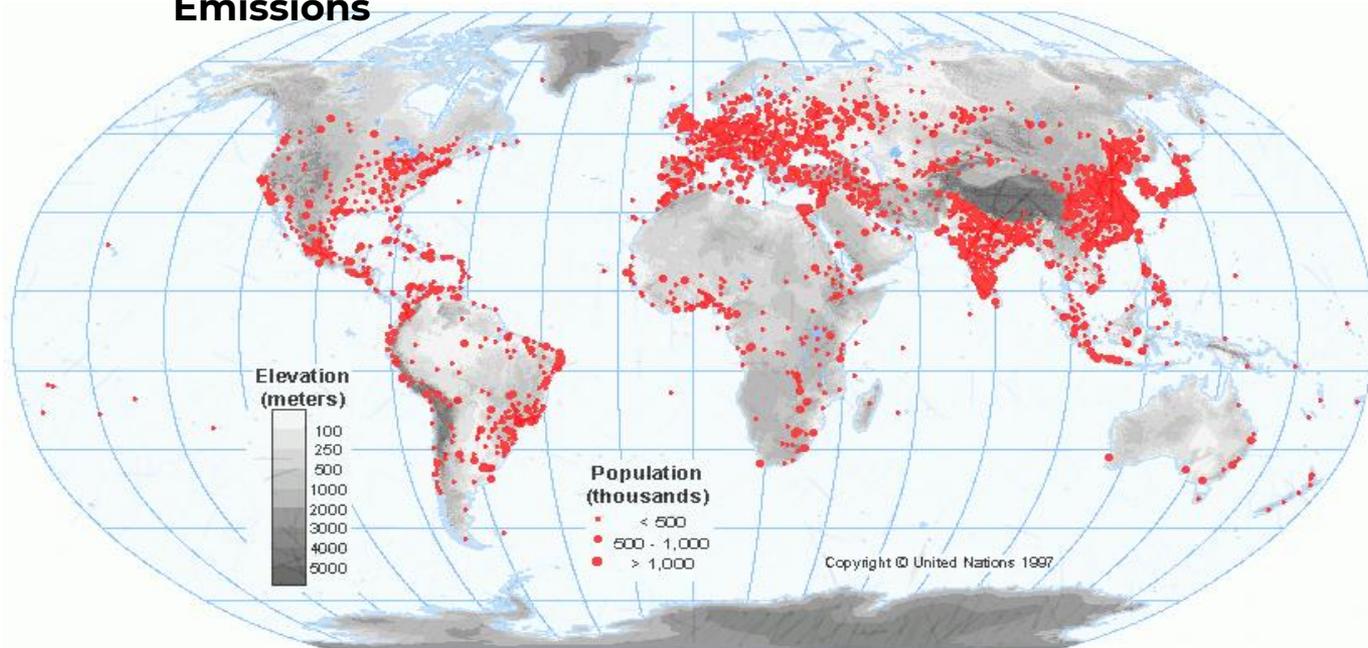
Source: UNEP (Ed.), 2011. Decoupling natural resource use and environmental impacts from economic growth. Kenya, UNEP.

- **How to achieve resource- and impact decoupling?**
- End of the pipe technologies and increased innovation and technology -> limited decoupling impact
- Holistic, systemic solutions!

CITIES ARE KEY

1.2% of the earth's surface
55% of global population
75% of energy consumption and CO2
Emissions

60% of global material use
100 of the largest cities =
30% of the global GDP



LOCAL GOVERNMENT LEVERS

- **VISION** – common vision through roadmaps or strategies that give direction to the local circular transition.
- **ENGAGEMENT** – local governments have a privileged role as facilitator between public, private and civic leaders, which can be used to convene and partner with others in co-creation of the shared system change.
- **URBAN MANAGEMENT** – Under the mandate of urban management, cities can enshrine circularity in urban planning and asset management, and can also leverage their own public procurement.
- **ECONOMIC INCENTIVES** – To accelerate implementation, local governments should use economic incentives including financial support such as grants, subsidies, or public-private partnerships to shape the market in favour of circularity.
- **REGULATION** – should enshrine the political commitment and enabling conditions for a circular economy. Cities should inform and work with national and international institutions to support this effort (multi-level governance).



City Loops (H2020)

EU funded five-year project (H2020 Innovation action), 28 partners, from 8 EU countries, starting in October 2019, pilot cities: Apeldoorn (NL), Bodø (NOR), Hoje Taastrup (DK), Mikkeli (FI), Porto (PT), Roskilde (DK), Seville (ES)

Objective: To develop, implement, and replicate a series of innovative urban planning approaches and instruments, aimed at facilitating closing the loops of urban material and resource flows and promoting the transition to a circular economy (CE), thereby reducing the environmental footprint, increasing regenerative capacities, and stimulating new business opportunities and job creation in European cities.

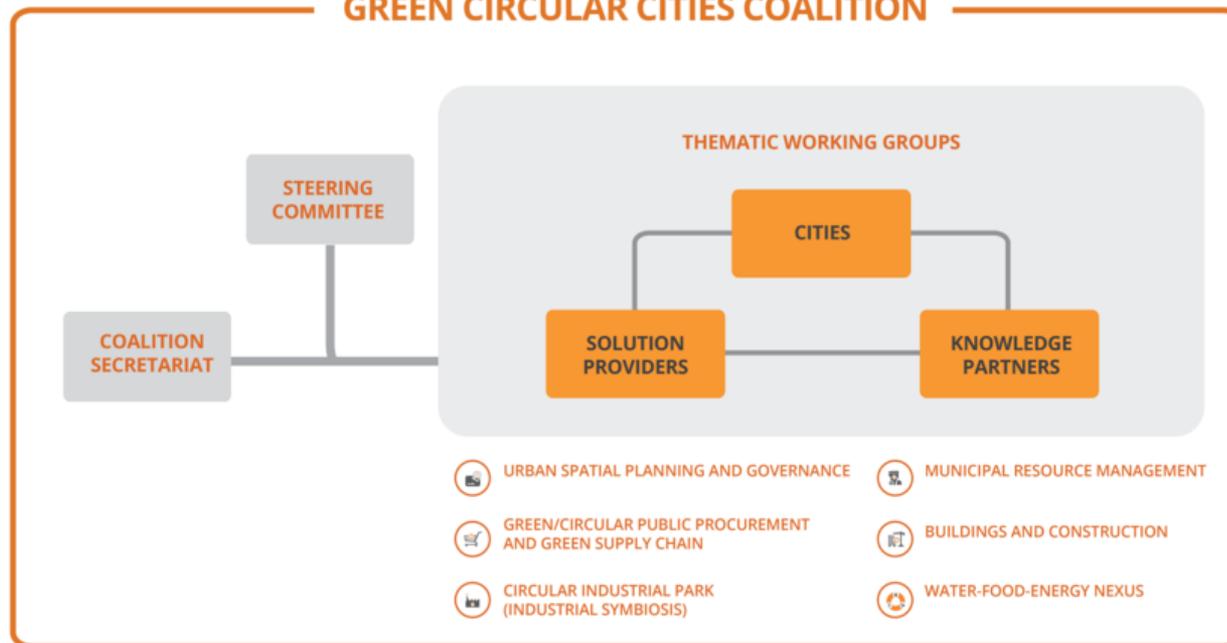
The City Loops project will deliver (key outcomes):

- A series of demonstrated public authority tools, procedures, and processes designed to promote circularity for construction & demolition waste (CDW)/soil and organic waste (OW) – accompanied by implementation and evaluation reports
- Replication plans for the measures in further cities
- An urban circularity assessment methodology, and decision support dashboard
- A circular procurement handbook
- CE recommendations for European and national policy makers



GREEN

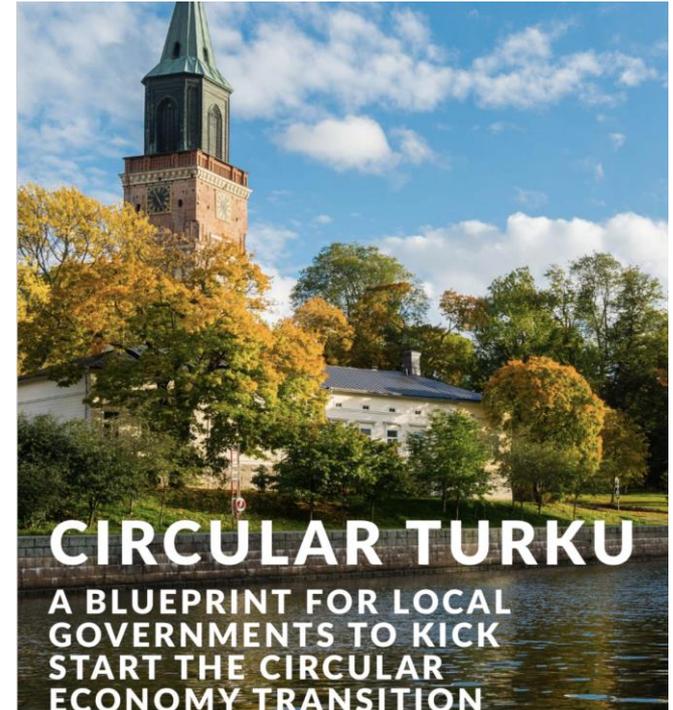
GREEN CIRCULAR CITIES COALITION



Circular Turku

“In Turku we are committed to a circular, resource wise future with zero emissions, zero waste, a low ecological footprint and the sustainable use of natural resources” (Minna Arve, Mayor of Turku)

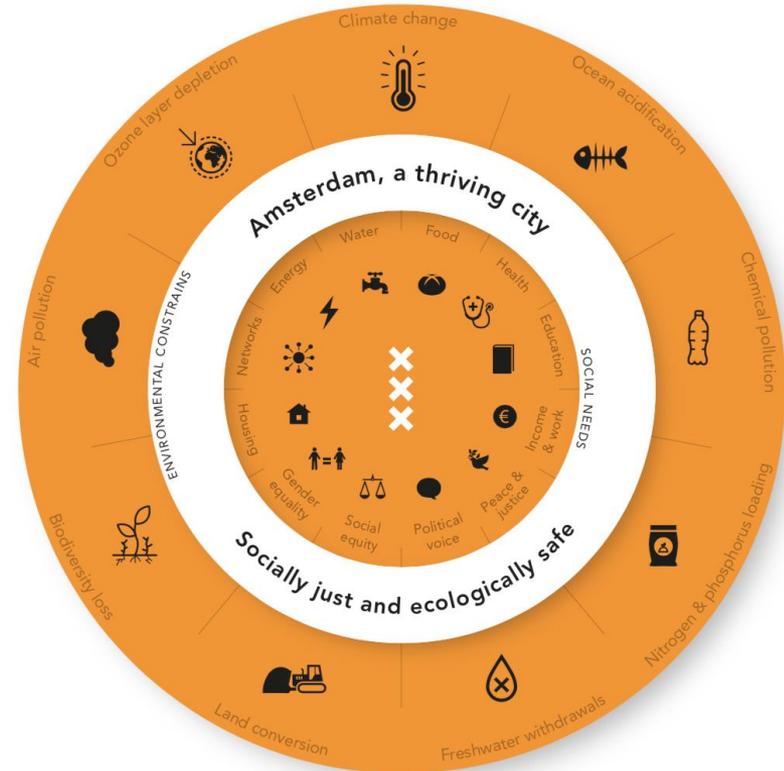
- **Strategic set-up:** City strategy; SECAP; Master Plan 2029; Energy Efficiency Agreement; Land-use, Transport and Housing Agreement; Southwest Finland Waste Management Policy Programme
- **Objectives:** Reduce environmental impacts; influence local, national and EU governance; achieve socio-economic impacts; level of action of related initiative, scaling-up across the region and the country
- **Focus:** Food value chain and nutrient cycle, energy systems, buildings & construction, water cycles
- **Vision:**
 - Ambition: Strong leadership for an all-encompassing CE transition
 - Integration: CE as enabler of broader sustainability goals
 - Collaboration: bottom-up approach seeking support from all actors in the region
 - Inclusion: placing social inclusion at the center of the Ce transition



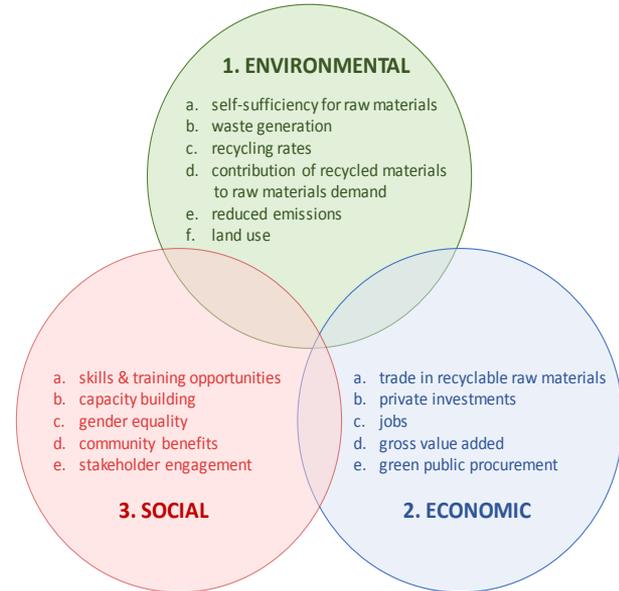
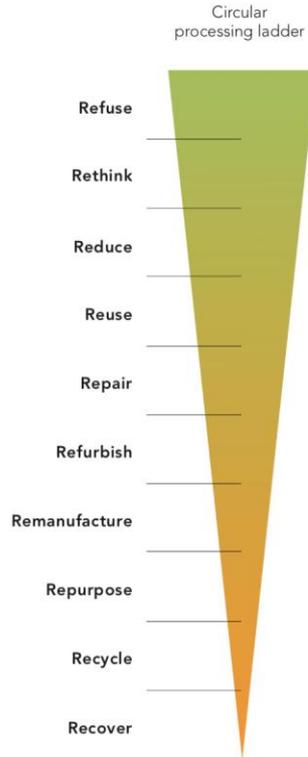
Amsterdam Circular 2020-2025 Strategy

“Amsterdam...thriving and equitable city, ensuring a good life for everyone within the Earth’s natural boundaries, where prosperity and wellbeing for everyone come first.”

- **Strategic set-up:** 4 components (Doughnut, strategy, implementation plan & monitor)
- **Objectives:** End to waste, more is less, climate neutrality, preserving value, opportunities for front runners, global support and dynamic between green and social
- **Focus:** value chains: Food & organic waste streams, consumer goods & built environment
- **Ambition**
 - Short food chains provide a robust sustainable food system
 - Healthy and sustainable food for Amsterdam
 - High quality processing of organic waste streams
 - The City sets the right example by reducing its consumption
 - Caring for our natural resources together
 - Amsterdam makes the most of discarded products
 - The transition to circular development requires a joint effort
 - The City sets the right example by formulating circular criteria
 - A circular approach to the existing city



CLOSING



CONTACTS

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