



Promoting Circular Economy through Integrated Resource Management in Asian Cities

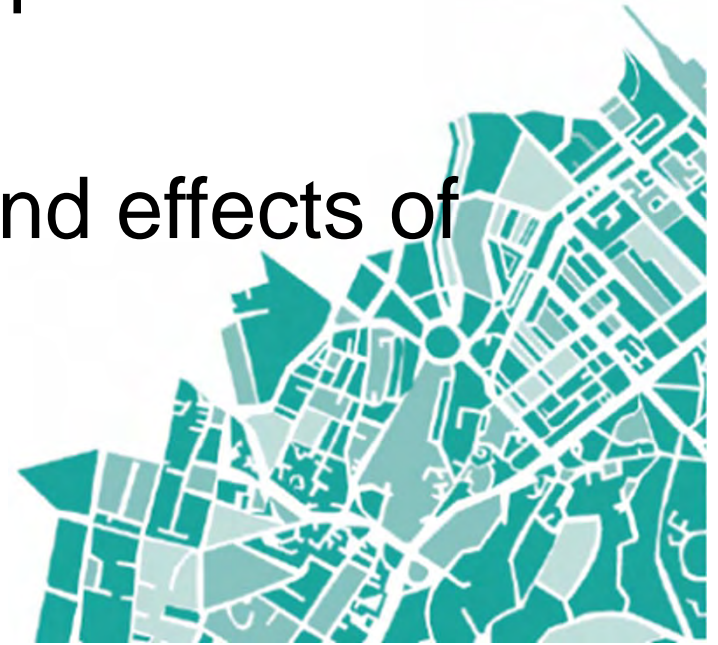
07 December 2017
The 3rd Asia-Pacific Forum
on Urban Resilience and Adaptation

Curt Garrigan
Chief, Sustainable Urban Development Section
Environment and Development Division
UN ESCAP, Bangkok



Natural Resource Challenges in the Asia-Pacific Region

- Rapid urbanization: 60 per cent of global urban population lives in the Asia-Pacific region
- Increasing demand for water, energy and food
- Environmental pressures: land degradation, loss of biodiversity, increasing levels of pollution and waste
- Vulnerability to natural disasters and effects of climate change



Global Development Agendas

- .Growing recognition of natural resource challenges and need for integrated solutions
- .Sustainable Development Goals (SDGs)
- .New Urban Agenda (NUA)
- .Paris Climate Agreement



PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21·CMP11

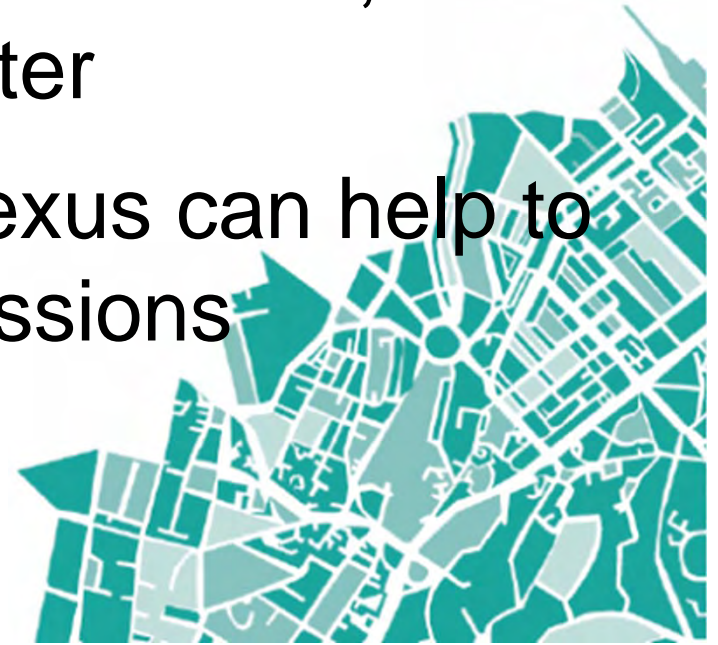
Water-Energy-Food Nexus

- Achieving sustainable development means synergy of global development agendas.
- Integrated approach and management of the key sectors water, energy and food
- Use synergies and interdependencies
- Project: “Integrated Resource Management in Asian Cities: The Urban Nexus”
- Implemented by ESCAP, GIZ and ICLEI



Global Development Agendas and Water-Energy-Food Nexus

- .WEF Nexus addresses substantial parts of the global development agendas
- .SDGs: 2, 6, 7, 8, 9, 12, 13
- .NUA emphasizes need for integrated management of wastewater and solid waste, calls for equal access to energy and water
- .Paris Climate Agreement: WEF nexus can help to save energy and reduce GHG emissions





Urban Nexus

Thank you!

