UNCRD Major Activities and Recommendations for ESC

5th HLS ESC,
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1. **3Rs (reduce, reuse, recycle)** => Rio+20 outcome on 3Rs for sustainable cities
   - Regional 3R Forum in Asia and the Pacific
   - Hanoi 3R Declaration (2013-2023): 33 goals at national level with local implications
   - Surabaya 3R Declaration (2014) (5th 3R Forum): multilayer partnership and coalition

2. **EST (environmentally sustainable transport)**
   - Regional EST Forum in Asia
   - Bangkok 2020 Declaration (2010-2020): 20 EST goals at national level with local implications

3. **IPLA (International Partnership for Expanding Waste Manage Services of LAs)**
   - a Rio+20 partnership with more than 200 members from 70 countries
     - Daegu IPLA Declaration for Moving towards Zero Waste (2011) – calls for mainstreaming 3Rs and resource efficiency into city development agenda
     - Technical support for Zero Waste Road Map for Ahmedabad - 2031;
Wastes and emissions are intrinsically linked with overall resource use; natural resources and ecological assets are being used at increasing rate enabling economic growth and fuelling unprecedented grow of cities;

The goal of improving resource efficiency and reducing the waste and emission intensity for Asia-Pacific economies has become a significant driver of government policies and programs;

establishing new forms of cooperation and partnerships between govt, business, community will underpin successful implementation of 3Rs.

3R needs to be linked to other policy domain such as climate mitigation and adaptation, energy and water security, urban air pollution, and supply security of critical natural resources;

One of the critical challenge is city level policy that mostly focus on end-of-pipe solutions rather than waste prevention and minimization;

Eco-parks and eco-towns need to encompass a range of eco-initiatives including biodiversity and resource efficiency and promote it across the region;

Triangular cooperation (Govt-Scientific-Private) is key to develop viable and effective business models in 3Rs and waste management;

Through the adoption of the Surabaya 3R Declaration, Asia-Pacific countries recognized the role of multilayer partnerships and cooperation for advancement and implementation of 3Rs in the region;

Establishment of research, innovation and practice (RIP) parks in the region should be established and support Waste to Resource (W2R).

Sustainability and resiliency of cities, and thereby the role of 3Rs, are critically important in post 2015 development agenda,