



# RRC.AP

Regional Resource Centre for Asia and the Pacific

## WASTE and RESOURCE MANAGEMENT

More strongly than before, the Asia-Pacific region is increasingly pursuing efforts to decouple its high domestic material consumption from human capital and economic development. The increasing materials intensity without restorative and regenerative systems of sustainable waste management contribute to pressures on the environment and climate. There is a need for the region to develop and sustain the needed support systems to promote fundamental changes to the traditional linear, take-make, and dispose of approach to resource utilization and waste management.

The Regional Resource Centre for Asia and the Pacific of the Asian Institute of Technology works with various actors and stakeholders along with resource use and waste value chain, to co-develop solutions, build capacities, manage knowledge, and set policy agenda to drive the transition to sustainable waste and resource management. We catalyse innovation by providing stakeholders, principally governments, the private sector, INGO's, CSO's with tools, frameworks, and mechanisms to contextualize, and scale innovations that support the transitions to sustainable waste and resource management.

**Focus Areas:** Circular Economy, Municipal Solid Waste Management, 3R's, Marine Litter, Water and Sanitation, Eco-innovation Support.

**Waste Streams:** Municipal Solid Waste, E-waste, Healthcare Waste, Mercury waste, End of life vehicles (ELV), Construction and demolition waste (C&D Waste), and Agricultural/Biomass waste.

### Policy Support

We conduct policy analysis, provide policy recommendations, support governments, corporate stakeholders, and development partners working in the region to design and implement science-based adaptable policies on sustainable management of various waste streams to set the stage for developing structural and systemic changes that allow innovation for waste and resource use systems to thrive.

### Research and Assessments

We conduct policy research, assessments, and review of innovative technologies, and provide policy recommendations in waste and resource management for countries, and multilateral and international corporations. We also conduct and contribute to research on various aspects of waste and resource management including eco-innovation, and circular economy for industries and firms in the private sector.

### Knowledge Building and Management

We are actively engaged in generating policy-relevant knowledge to drive for development, co-creation, and continual improvement of ideas of value to support countries and other stakeholders to transition to sustainable waste and resource management.

### Capacity Building

We build capacities of a broad spectrum of stakeholders at the regional, national, city, and local levels. Our tailored capacity-building solutions are carefully designed to transfer requisite skills towards building competence within organizations to support innovation and a system thinking approach to a circular economy.

### Pilot Demonstrations

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**Trainees**



2,956

**Participating Countries**



58

**Cities**



14

**Publications**



22

**Capacity building events**



43

**Knowledge Platforms**



3

