

AIT, in close collaboration with the United Nations Environment Programme (UNEP), is jointly organizing a webinar on:

# CIRCULAR ECONOMY & SUSTAINABLE INFRASTRUCTURE

DATE & TIME: Thursday, 5<sup>th</sup> May 2022  
from 14:30 to 16:00 hrs. (Bangkok time)

## BACKGROUND

With the looming threat of climate change, loss of biodiversity and habitat destruction, global organizations, business leaders, and activists from around the world are coming together to create opportunities for real change through the development of Circular Economy (CE) solutions that maximize value out of materials through the repairing, reusing and repurposing concept.

With the rapid speed of urbanization, business leaders, investors and governments have a responsibility now more than ever, to ensure that comprehensive policy and planning are in place to ensure a solid circular economy infrastructure.

This 1.5-hour webinar will dive into three case studies in Thailand, China, and South Korea, and will create a clearer understanding of the possible applications of a Circular Economy in infrastructure development, helping to identify policy planning and regulatory aspects to materialize Circular Economy infrastructure and the sustainability framework in Thailand.

## HIGHLIGHTS

**Challenges** faced by the region to reduce carbon emissions by 25% by 2030 and to reach carbon neutrality by 2050.

**Innovations** introduced by regional governments through capacity building and infrastructure building to allow systemic change that would lead Thailand towards a Circular Economy.

**Lessons** learned by the three (3) countries to tackle plastic pollution, waste management, and transportation.

## OBJECTIVES

- To broaden knowledge and create a clear understanding on possible applications of a Circular Economy in infrastructure development;
- To help identifications of policy, planning and regulatory aspects to materialize Circular Economy in infrastructure; and
- To highlight key success factors and driving forces that drive Circular Economy practices and policy change.

## WEBINAR AGENDA

- 14:30-14:40 hrs. **Opening Session**  
**Ms. Elisa Tonda**, Head of Consumption and Production Unit, UNEP  
**Dr. Naveed Anwar**, Vice President for Knowledge Transfer, AIT
- 14:40-14:50 hrs. **Keynote Speech**  
International good practice principles on Sustainable Infrastructure  
**Mr. Rowan Palmer**,  
Lead, Sustainable Infrastructure Investment Team, UNEP
- 14:50-15:20 hrs. **Case Studies**  
1. Transition to Electric Mobility and Renewable Energy in the Republic of Korea  
**Dr. Hoseok Kim**, Chief Research Fellow  
Korea Environment Institute  
2. Waste Management Reform for Thailand Circular Economy  
**Dr. Sujitra Vassanadumrongdee**, Senior Researcher  
Environmental Research Institute, Chulalongkorn University  
3. Green Buildings in Shenzhen, China  
**Ms. Yichuan Song**, Research Specialist  
Chinese Academy for Environmental Planning
- 15:20-15:40 hrs. **Panel Discussion**  
- **Dr. Hoseok Kim**, Chief Research Fellow  
Korea Environment Institute  
- **Dr. Sujitra Vassanadumrongdee**, Senior Researcher  
Environmental Research Institute, Chulalongkorn University  
- **Ms. Yichuan Song**, Research Specialist  
Chinese Academy for Environmental Planning  
- **Dr. Mushtaq Memon**, Programme Management Officer, UNEP
- Guiding questions:  
- Policies, Regulations and Practices: Perspectives, Challenges and Key Success Factors  
- Capacity Development and Knowledge Transfer  
- Incentivization and Financing for Sustainable Infrastructure
- 15:40-15:55 hrs. **Q&A**
- 15:55-16:00 hrs. **Closing**  
**Dr. Christopher Garnier**, Executive Director  
AIT Extension, AIT
- Moderator: Dr. Orathai Pongruktham**  
Thailand Environment Institute (TEI)



REGISTRATION QR CODE

<https://bit.ly/3uZuUgt>

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