

13 Workshop on Circular Economy Development

Projected training dates: October 14 to October 27, 2020

Application Period: July 14 - August 14, 2020

Duration of workshop: 14 days

Number of attendees: 25

How to apply: Through the Taiwan (R.O.C) embassies, representative offices or technical missions

Introduction:

The Intergovernmental Panel on Climate Change (IPCC) of the United Nations has warned that the human will face greater climate risks if the current development model is not changed. In order to achieve the goal of zero carbon emissions and mitigate the depletion of natural resources and environmental impacts caused by economic development, Taiwan's Environmental Protection Administration has set the ultimate goal of "reducing emissions at the beginning" by 2020, "green production and consumption" by 2030, and "full recycling of materials" by 2050. Focusing on "reducing emissions at the beginning" and "waste recycling", this workshop will share innovative technologies for recycling materials and practical experience in promoting the upgrading and transformation of traditional industries.

1. The workshop aims to share:

- Reducing emissions at the beginning: The 3Rs of circular economy, redesign, remodel, and redefine, helps to develop and innovate materials, improve traditional production models with high energy consumption, and facilitate industrial upgrading and transformation.
- Promoting waste recycling: Through the recycling economy 5Rs, recycle, reuse, reduce, repair, and recovery, the recycling technologies are introduced to improve the recycling of materials, strengthen the industrial recycling momentum and create new value from waste.

2. The contents of this workshop include:

- A sound environment for developing circular economy
 - ✓ To formulate relevant laws and regulations on circular economy: Assistance in the formulation of relevant laws and regulations on biological and industrial cycle and education programs to build public awareness of environmental protection.
 - ✓ Upgrading and transformation of traditional industries: To promote energy

efficiency improvement programs in the industrial sector to provide incentives for manufacturers to reduce their energy use and to achieve reduction targets at the beginning.

- ✓ Improving recycling of materials: To promote carbon footprint labeling, reduce energy consumption during manufacturing, and develop eco-friendly products that are durable, easy to repair and recyclable to achieve the goal of green production and green consumption.
- Constructing a complete waste management code
 - ✓ Development of a waste recycling market: To guide recyclers to involve in environmental protection industries, to help build a green recycling ecosystem from raw materials, manufacturing to recycling, and to improve resource efficiency.
 - ✓ Establishment of diversified waste disposal mechanism: To assist in setting waste management standards and to strengthen recycling technologies with high performance, low energy consumption, no toxicity and zero waste.

Eligibility:

- Specialized fields: Strategy of Circular Economy Development, Recycling and Environmental Protection, Materials Science, Engineering Design.
- Background: Medium-High government officials, research and development (R&D) personnel, industry executives, members of faculty, NGO or international organization, partner stakeholders participating in relevant Taiwan Technical Mission projects.
- Age and experience: Applicants under 50 years old and with at least two years' experience in related fields will be given preferential consideration.
- Education: College degree or above
- Language: Good command of English

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