Knowledge to Lead

unitar
United Nations Institute for Training and Research

Unitar Online Catalogue

CIFAL Jeju - Strengthening Governance for Low-carbon Integrated Solid Wastes Management (ISWM) and Circular Economy

Planet

Type:	Workshop
Location:	Jeju-do, Korea, Republic of
Date:	24 Apr 2018 to 27 Apr 2018
Duration of event:	4 Days
Programme Area:	Decentralize Cooperation Programme
Specific Target Audience:	No
Website:	http://cifaljeju.org
Price:	No Fee
Event Focal Point Email:	cifaljeju.env@gmail.com

BACKGROUND

In this era of rapid urbanization and industrialization, solid and hazardous wastes are increasing and diversifying in their amount and kinds. Consequently, central and local governments are facing difficulties in managing wastes in a sustainable and efficient manner. Moreover, globally an ample amount an ever increasing quantity of solid wastes are being produced every day which requires enormous costs to be treated and disposed of properly.

In an effort to tackle issues and problems related to wastes management, the cities of Wuxi in China and Pune in India have served as testbeds for the Integrated solid wastes management (ISWM) system. The city government's' response to the trial management system has been positive, and the trial experiment proved that with a properly established segregation and recycling system, a massive amount of wastes could be turned into resources rather than being sent to landfills as wastes. This, in due course, will contribute to achieving a circular economy which marks tangible progress toward achieving sustainable patterns of production and consumption.

The above trial clearly showed the need of establishing the ISWM system based upon the 3R (Reduce, Reuse and Recycle) in countries in which most of wastes are sent to landfills due to the absence of a proper wastes management system. In order for the ISWM system to be well established and to perform efficiently, government officials in those countries and cities need to properly understand how to implement the ISWM system.

This workshop will provide in-depth understanding of integrated solid wastes management (ISWM) and why it it urgently needed, an appreciation of its need, explain facets of ISWM applicable cases, and introducing ISWM related policies and technologies and other economic, environmental and social effects of ISWM.

EVENT OBJECTIVES

This overall goal of the course is to enhance the participants' knowledge and skills for applying integrated solid wastes management (ISWM). Participants will learn about: the purpose, scope and application of ISWM; on-site application of ISWM technical processes; and Korea's wastes management strategies and policies. Participants will have an opportunity to apply the knowledge to different exercises and tests, so they will be prepared to implement an ISWM master plan that suits each of their unique national contexts.

LEARNING OBJECTIVES

To enable participants to:

- gain knowledge of Korea's wastes management systems and policies;
- understand the implication of integrated solid wastes management (ISWM) for circular economy;
- analyze and compare the technological gaps among countries with Korea's technological trends in wastes management;
- identify potential wastes management needs of cities and villages; and
- select appropriate wastes management approaches to establish a policy master plan.

CONTENT AND STRUCTURE

The course content will include the following topics:

- topic 1: changes and trends in wastes management policies
- topic 2: wastes-to-energy technologies
- topic 3: landfill site management and recycling system
- topic 4: integrated solid wastes management (ISWM) and technological application
- topic 5: wastes situation analysis for greenhouse gas (GHG) reduction
- topic 6: circular economy for sustainable wastes managements

METHODOLOGY

The workshop will be comprised of:

- presentations and discussions
- self-assessment exercise and group work
- UNITAR 'City-Share methodology'
- study visit

TARGETED AUDIENCE

This workshop is open to those in central and local governments, non-profit and academic sectors in the Asia-Pacific region who wish to implement integrated solid wastes management (ISWM) policies and technologies in both urban and rural settings, or make their contribution to reducing wastes and greenhouse gases (GHG) through circular economy.

ADDITIONAL INFORMATION

A certificate will be awarded at the end of the workshop.