

ISWA & SWEEP-Net JOINT SEMINAR ON BIOWASTE MANAGEMENT IN THE MENA REGION

25 – 27 November 2013
Djerba, Tunisia

OBJECTIVES:

1. Identify the needs and measures to be taken for developing biowaste recycling capacity in the MENA region through knowledge exchange and intensive discussion between the experts and decision-makers in the MENA region and ISWA experts,.
2. Bring together influential actors in the field of biowaste management in the MENA region, developing and strengthening their partnership with ISWA and SWEEP-Net.

ACTIVITY: Seminar on Biowaste Management

Participants: 5-6 experts from ISWA and 10 from SWEEP-Net member countries

The seminar is intended as the first joint activity between experts from ISWA's Working Group on Biological Treatment of Waste (WGBTW) and experts and decision makers responsible for MSW management in selected SWEEP-Net partner countries. The Seminar is structured to enable sharing of experiences and approaches in selected SWEEP-Net partner countries and to present current best practices in Europe and other parts of the world.

The seminar will consist of four topics; each designed to allow an exchange of experiences and cases from SWEEP-Net partner countries and ISWA experts, followed by discussion among the participants.

Day 1

TOPIC I: Strategies for MSW and the Role of Biowaste Management

- Session 1: ***From the MENA Region to Tunisia*** : Strategies and current policies, best-practices, cases, current trends and targets of selected national/regional plans
- Session 2: ***ISWA: biowaste and residual waste management experiences in other regions of the world***: current strategies for MSW pre-treatment (for safe disposal) and biowaste separate collection and recycling, best-practices, cases (including initiatives led by municipalities), current trends on biowaste management

- Session 3: **ISWA: Governmental incentives and market mechanisms for promoting quality compost from biowaste:** cases in Europe and around the world
- Session 4: **Employment and income generation aspects:** in how far can appropriate governmental and municipal policies contribute to green jobs in biowaste management
Discussion among participants

Duration: 6h

Day 2

TOPIC II: Biological Treatment of Waste: Flexibility and Solution for Biowaste and MSW Treatment

- Session 1: **SWEEP-Net partner countries/Tunisia:** current practises of MBT, composting and AD-plants
- Session 2: **ISWA:** flexibility and multi-purpose application of biological treatments (i.e. composting and/or AD) for treating mixed MSW and source-separated biowaste
- Discussion among participants

Duration: 3h

TOPIC III: Approaches for Optimising Collection of Biowaste (and residual waste)

- Session 1: **SWEEP-Net partner countries/Tunisia:** best-practise for biowaste collection and recycling
- Session 2: **Optimisation of collection schemes for food waste;** selected cases and cost-benefit analysis; labour intensive schemes
- Discussion among participants

Duration: 2,5h

Day 3

TOPIC V: Final discussion between participants

- Session chaired by SWEEP-Net
- Identify recommendations and knowledge needs (guidelines for the MENA region)
- Draft work plan for further join activities

Duration: 2,5h

Site-visits: 1 treatment plant visit

Duration: 2h