

TEACHING AND SITE VISITS PROGRAM

The Spring School can accept 25 participants.

BEFORE THE SPRING SCHOOL

Each registered participant will be requested to [FILL UP A SPECIFICALLY DEVELOPED SWM QUESTIONNAIRE](#) provided in advance by the organizers.

Filled up CHECKLISTS will be used to prepare discussion on a few selected 'case studies'.

SPEAKERS

Classes are to be provided by highly qualified SWM professionals and university professors.

MONDAY, MAY 21ST 2018

9:00 – 13:00	<p>The principles of SWM planning in situations where the current system is ineffective.</p> <p>The Integrated Sustainable WM approach.</p> <p>Definitions relevant for legislation: types and origin of waste; the EU waste catalogue; SWM activities and operations.</p>	LECTURE
LUNCH		
14:30 - 17:30	<p>The technical and organizational elements of an Integrated SWM system.</p> <p>The legal and institutional framework necessary to an effective and efficient SWM.</p> <p>How to describe a SWM system: the WASTE FLOW ANALYSIS.</p>	LECTURE

TUESDAY, MAY 22ND 2018

9:00 – 13:00	<p>Illustration of the structured design method and of the practical tools to be used in writing a SWM National Strategy or City Action Plan.</p> <p>Discussion of the CHECKLIST previously filled up by participants.</p> <p>How to describe a SWM system: the WASTE FLOW ANALYSIS.</p>	<p>LECTURE</p> <p>PARTICIPANTS DISCUSS THEIR CHECKLISTS</p>
LUNCH		
14:30 - 17:30	<p>The importance of segregated collection.</p> <p>Examples of segregated collection's organisation.</p> <p>The chain for the recovery of materials from municipal and industrial waste.</p> <p>The economics of material recovery.</p>	LECTURE

WEDNESDAY, MAY 23RD 2018		
9:00 – 13:00	<p>The collection, treatment and recovery of the organic fraction from municipal waste.</p> <p>The development of an Industrial Sector from a 20 years perspective – the Italian composting and Biogas Association</p> <p>Case studies optimizing separate collection of organic waste.</p> <p>Cost Analysis from high income countries</p>	LECTURE
LUNCH		
14:30 - 17:30	Visit to plant for the sorting of waste dry fractions from segregated collection.	SITE VISIT

THURSDAY, MAY 24TH 2018		
9:00 – 13:00	<p>The application of the WASTE FLOW ANALYSIS approach to improve ineffective SWM systems.</p> <p>The Life Cycle Assessment of alternative WM scenarios to define environmental impacts and support WM planning.</p> <p>Application of the WASTE FLOW ANALYSIS to design the evolution of an ineffective SWM system. Examples could be derived from participant's country if sufficient data were provided with the entrance Checklist.</p>	LECTURE ANALYSIS OF CASE STUDIES (if available)
LUNCH		
14:30 - 17:30	<p>The actors of an integrated SWM system.</p> <p>How to build an inclusive decision making process.</p>	LECTURE

FRIDAY, MAY 25TH 2018		
9:00 – 13:00	<p>The economics of SWM: costs-revenues accounting.</p> <p>How to keep a city budget for SWM.</p> <p>How to conduct a SWM financial analysis.</p> <p>How to implement taxes or tariffs to citizens and industries.</p>	LECTURE
LUNCH		
14:30 - 17:30	Review of CHECKLIST to assess how participation to the Spring School has provided understanding of SWM design.	LECTURE PARTICIPANTS HANDS-ON

SATURDAY, MAY 26TH 2018		
9:00 – 13:00	Sanitary landfill.	SITE VISIT
LUNCH		

CERTIFICATE OF ATTENDANCE WILL BE PROVIDED BY ISWA.