



# Training of trainer's Workshop on how to plan and implement new waste management streams (Case of Construction and Demolition Waste C&DW)

Cairo, Egypt  
October 10-11, 2018

## Concept Note

### 1 INTRODUCTION: THE SWIM-H2020 SM

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The SWIM and H2020 SM is a Regional Technical Support Program, funded by the European Commission, Directorate General (DG) NEAR (Neighbourhood and Enlargement Negotiations), that includes the following Partner Countries (PCs): Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, [Syria] and Tunisia. However, in order to ensure the coherence and effectiveness of Union financing or to foster regional co-operation, eligibility of specific actions will be extended to the Western Balkan countries (Albania, Bosnia Herzegovina and Montenegro), Turkey and Mauritania. The Program is funded by the European Neighbourhood Instrument (ENI) South/Environment. It ensures the continuation of EU's regional support to ENP South countries in the fields of water management, marine pollution prevention and adds value to other important EU-funded regional programs in related fields, in particular the SWITCH-Med program, and the Clima South program, as well as to projects under the EU bilateral programming, where environment and water are identified as priority sectors for the EU co-operation. It complements and provides operational partnerships and links with the projects labelled by the Union for the Mediterranean, project preparation facilities in particular MESHIP phase II and with the next phase of the ENPI-SEIS project on environmental information systems, whereas its work plan will be coherent with, and supportive of, the Barcelona Convention and its Mediterranean Action Plan.



## 2 OBJECTIVES AND EXPECTED RESULTS

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This activity has the objective of providing technical assistance and capacity building for the Waste Management Regulatory Agency staff, particularly with regard to the development of new waste management streams in Egypt. The specific stream that has been chosen by WMRA to be addressed by SWIM-H2020 SM is rapidly evolving sector of the Construction and Demolition Waste (C&DW). There is no available data on this sector but according to a SWEEP-Net publication<sup>1</sup> in 2014, it is estimated that 4 million tons of C&D waste were generated in 2012 in Egypt which were mainly diverted to landfills, or dumped in unauthorized sites. It is noteworthy that among these high volumes of inert material, important quantities of hazardous wastes may be included such as asbestos, asphalt, various paints and metals. Although the existing legislation is considered relatively sufficient for the management of C&D waste, its implementation is not effective and the enforcement is erratic.

The objective will be thus to assist and reinforce the capacity of environment staff from the National Solid Waste Management Regulatory Agency (WMRA) and other public institutions in Egypt on how to plan and implement the C&DW stream in a sustainable and integrated way with focus on the conceptualization, monitoring and access to finance.

## 3 TARGET GROUP

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Up to 20-25 participants from the National Solid Waste Management Regulatory Agency (WMRA), Governorates, the EEAA Regional Branches, managers of the NSWMP Program at the Ministry of Environment and public staff from local administrations. The three peers from Egypt who joined the regional event and peer-to-peer process on C&DW (ST-1 and P2P-1) will also be involved in this activity. Stakeholders from the private sector and NGOs representatives could also be involved.

## 4 LOCATION, DATES AND LOGISTICS

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The Training the Trainers workshop will be held on October 10-11, 2018 at “Grand Nile Tower Hotel” in Cairo, Egypt. Interpretation (Arabic-English), catering, training material will be provided by the project.

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<sup>1</sup> Challenges and opportunities for solid waste management in the Mashreq and Maghreb Countries (SWEEP-Net April 2014).



## 5 INSTRUCTORS OF THE COURSE

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Four esteemed SWIM-H2020 Support Mechanism experts in solid waste management and &DW will deliver the course:

**Mrs. Françoise Bonnet:** Solid Waste Expert with more than 20 years of experience in legislative issues and governance with 12 years recognized expertise in material resource management and policy. Her experience covers the whole cycle of project preparation, management and supervision in the areas of material resource governance, with a special focus on the role of public authorities and of legal and economic instruments, communication and PPP related issues. She has specific experience in industrial symbiosis in terms of the construction and demolition sector.

**Mr. Stephane Arditi:** Circular Economy and Waste Management expert with more than 10 years of experience in waste management and public policy, from local level and setting local waste management plans to European level and defining regulatory, economic and educational instruments to manage solid waste. He is also expert in European product policy (Eco-design, Green Public Procurement, Ecolabel approaches) and manages a team defining policy linking between waste and product policies in the context of European Circular Economy agenda. This includes monitoring the development and implementation of circular economy, resources conservation and sustainable production and consumption practices, as well as producing reports and contributing to technical expert groups on Ecodesign, Packaging and Waste of Electric and Electronic Equipment (WEEE).

**Mr Essam Nada:** Solid Waste Expert with extensive experience in many MENA countries in the field of Environmental Management and Resources Preservation Programs such as Water Conservation, Solid Waste Management (SWM) – including Construction and Demolition Waste, Biodiversity, Renewable Energy and Air Pollution Reduction, through two main perspectives, 1) community mobilization (government - NGOs – private sector – individuals) and wise utilization of local resources), 2) technical and engineering practices which support a sustainability based production. He (co)organized several national and regional events regarding the themes of the project including integrated solid waste management and marine litter.

**Mrs. Mofida Kamal El Din Alaam:** She is very experienced on C&DW in Egypt on the one hand and on the other is from the private sector, dealing with the challenges on the issue of sustainable management of C&DW in the Egypt on a regular basis



## 6 AGENDA

### Day 1: Wednesday October 10, 2018

#	Time	Description	Speaker
	08:30 –09.00	Registration	
#1	09:00-09:30	Opening session and welcoming remarks Presentation of the agenda	
<b>Session 1: Overall awareness on Waste management Plan</b>			
#2	09:30-10:40	Round table and expectations (Focus on governance and role of public authorities)  Quiz (Basics of waste management plan)	
	<b>10:40 – 11:00</b>	<b>Coffee break</b>	
#3	11:00 – 12:00	The fundamentals of waste management plan: <ul style="list-style-type: none"> <li>• Objectives, streams, assessment of situation, target setting, timelines</li> <li>• Consultation and evidences</li> <li>• Monitoring system and update</li> <li>• Waste treatment hierarchy &amp; instruments to mobilize</li> <li>• Communication &amp; awareness</li> <li>• Enforcement</li> </ul>	
#4	12:00 – 13:00	SWM and C&D waste in Egypt: Discussion on what is the situation, experiences in C&DW and what are the main gaps today	
	<b>13:00 – 14:00</b>	<b>Lunch Break</b>	
<b>Session 2: Focus on C&amp;DW</b>			
#5	14:00-14:30	The specifics of C&D including discussion: <ul style="list-style-type: none"> <li>• Different origins (public and private, business and individuals)</li> <li>• Variety of materials, including hazardous (e.g. asbestos, asphalt from road, various paints and metals)</li> <li>• Low economic potentials</li> <li>• Long life time of buildings/roads...etc.</li> </ul>	
#6	14:30 – 15:00	Reminding best practices in EU <ul style="list-style-type: none"> <li>• Governance aspects: policy instruments mobilized for C&amp;D delegation of services, monitoring mechanisms, public/private partnership, enforcement practices</li> <li>• Technical aspects: collection points for individuals and professionals, dedicated sites for inert non Hazardous waste, sorting of hazardous, special treatment for hazardous, sorting in situ and moves towards demolition audit...</li> </ul> Communication aspects	
	<b>15:00- 15:20</b>	<b>Coffee break</b>	
#7	15:20-16:30	Discussion on Egypt situation (data available and data gap, possibly with a video and/or testimonies from involved actors: demolishers, collection 'schemes' (formal and informal), recyclers, etc	

**Day 2: Thursday October 11, 2018**

Session	Time	Description	Speaker
<b>Session 3: Preparing a first plan for C&amp;D waste</b>			
#8	09:00-10:00	SWOT analysis for C&DW management in Egypt	
#9	10:00-10:40	From SWOT to identification of main issues to be addressed and directions to consider (Second brainstorming resulting in identifying most promising directions for a C&D waste management plan in Egypt)	
	<b>10:40-11:00</b>	<b>Coffee break</b>	
#9 cont.	11:00-11:30	Cont. From SWOT to identification of main issues to be addressed and directions to consider (Second brainstorming resulting in identifying most promising directions for a C&D waste management plan in Egypt)	
#10	11:30 – 13:00	Sub-groups to document most promising directions Cross presentation of results	
	<b>13:00 – 14:00</b>	<b>Lunch Break</b>	
<b>Session 4: Presenting ideas and next steps</b>			
#11	14:00-15:00	Focus on specific subjects of interest (main concerns, instruments related to identified priorities, individual questions...)  Report to high level people for validation of ideas to further include in future project funding proposal	
	<b>15:00- 15:20</b>	<b>Coffee break</b>	
#12	15:20-16:00	Closing session & next steps	

SWIM and Horizon2020 Support Mechanism