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**Program for MAR-SAT Expert Forum Workshop**

**1. DECEMBER 3<sup>rd</sup> : Field Trip**

8:00 – 8:45 Collection of partners from hotel and drive to Shafdan WWTP

**9:00 – 16:30 Shafdan WWTP (presentations and site tour of the WWTP, SAT and the pilots):**

9:00 – 10:00: **Avi Aharoni**: Presentation of Shafdan Project - Tel Aviv Region wastewater collection and treatment, and the Conventional SAT Technology

10:00 – 11:00: Presentation Shafdan Demo sites pilots:

- **Anat Lakretz**: Secondary effluents pilot treated by AOP-Short SAT
- **Anat Lakretz**: Secondary effluents pilot treated by UF-RO
- **Omer Minis, Ido Negev**: Secondary effluents pilot treated by SAT- Simulation by sand columns –11:00 – 11:30: Visit of WWTP

11:30 - 12:15: Visit of the DEMO sites in Shafdan

12:15– 13:15: Discussion: "Can Upgraded Conventional SAT be relevant for Europe?"

13:15 – 13:45: Light Lunch

13:45 – 15:00: Tour to "Shafdan conventional SAT infiltration basins

15:00 -15:45: Back to the hotel

16:00 – 18:00: MARSOL work-package meetings (close to the hotel)

19:00 - 22:00: Workshop Welcome Dinner

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**2. DECEMBER 4<sup>th</sup> : EU MAR-SAT Expert Forum Foundation Workshop**

During this meeting a new European MAR-SAT Expert Forum will be formed.

**Session 1: Welcome Session:**

Duration	Name of presenter	Institute	Country
9:00-9:20	<b>Avraham Ben Yosef</b> – VP for Engineering and Technology	<b>Mekorot</b> <b>Israel National Water Company</b>	<b>Israel</b>
	<b>Ayala Karniol</b> - Director Health, KBBE, Environment, Energy	<b>ISERD</b> <b>The Israel-Europe R&amp;D Directorate</b>	<b>Israel</b>
9:20-9:30	<b>Yossi Yaacobi</b> – WaTech Innovation Center in Mekorot	<b>Mekorot</b>	<b>Israel</b>
9:35-9:55	Main Speaker (Video presentation): <b>Rossella Riggio, Robert Schroder</b>  <b><u>EU water policy</u></b>	<b>European Commission</b> <b>DG RTD, Unit I2 Eco-Innovation</b>	<b>Belgium</b>

**Session 2: Head of session: Avi Aharoni: Presentations of projects and activities related to MAR-SAT**

Duration	Project	Name of presenter	Institute	Country
10:00 – 10:15	<b>MARSOL:</b> Project presentation	Christoph Schuth	Darmstadt University	Germany
10:15 -10:30	<b>SAPH-PANI and DEMEAU:</b> Highlights from the projects	Christoph Sprenger	KW - Berlin	Germany
10:30-10:45	<b>DEMOWARE:</b> project presentation	Ulf Mieke	KW - Berlin	Germany
10:45-11:00	<b>IAH Commission</b> on Managing Aquifer Recharge and its activities	Peter Dillon	CSIRO	Australia
11:00-11:15	<b>MAR to Market WG</b> : Relationship with the European Commission action group ( <b>AG 128</b> )	Enrique Fernandez Escalante	TRAGSA	Spain
11:15– 11.30	<b>MAR activities in Mekorot-</b> Design of new injection wells for injecting surplus desalinated water into the aquifer	Yossi Guttman	Mekorot	Israel
<b>11:30 - 11:45</b>	<b>Coffee Break</b>			

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**Session3: Head of session: Dr. Yossi Guttman: EU and worldwide MAR-SAT related projects' results**

Duration	Subject of presentation	Name of presenter	Institute	Country
11:45-12:00	<b>BMBF – MOST</b> : Ozonation of treated wastewater followed by groundwater recharge	. Martin Jekel, Uwe Huebner	TU Berlin	Germany
12:00 – 12:15	<b>Urban Storm Water Biofiltration and Recharge to groundwater</b>	Yaron Zinger	Monash Univesity	Australia
12:15 -12:30	<b>MAR-SAT:</b> The Australian experience	Peter Dillon	CSIRO	Australia
12:30-12:45	<b>MAR to MARKET AG 128:</b> Examples of MAR based on alternative sources of water	Lobo Ferreira	INEC	Portugal
12:45-13:00	<b>Dunes of St. Andr:</b> Recent experiences with infiltration of reclaimed secondary effluent	Emmanuel Van Houtte	IWVA	Belgium
<b>13:00–13:45</b>	<b>Light Lunch</b>			
13:45-14:00	<b>SAT-MAR pilot facility in Arenales aquifer (Spain):</b> Clogging and water quality evaluation	Enrique Fernandez Escalante	TRAGSA	Spain
14:00 -14:15	<b>EU project RECLAIM:</b> Results related to MAR-SAT	Thomas Wintgens	FHNW	Switzerland
14:15-14:30	<b>"El Porto Del Selva Northern Spain:</b> A demonstration study on MAR for wastewater reuse in	Ulf Mieke	Kompetenz-wasser Berlin	Germany
14:30-14:45	Reduction of manganese dissolution and micro-pollutants by Enhanced Short SAT	Avi Aharoni, Haim Cikurel	Mekorot and TAU	Israel
<b>14:45 -15:15</b>	<b>Coffee Break</b>			
15:15 -16:15	Round table and discussion for the foundation of <b>MAR-SAT Experts Forum</b>			
16:15 -17:15	Voting for the <b>Management Team</b> of the <b>EU MAR – SAT Experts Forum</b> and closure of the meeting			

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