



## MISSION REPORT

### OUTLINE (TITLE)

Support for the plastic waste management and recycling: (a) Assessment of environmental, technical and economic aspects and problems of plastic waste management and recycling (all types of plastic); (b) Collection and analysis of existing best practice on plastic waste recycling schemes; (c) Identification and evaluation of national measures to improve the recycling of plastic waste and contribution (guidelines) for the introduction of a national plastic waste recycling strategy.

### Mission Purpose

Expert Facility Activity No: EFH-IL-3 (task 2)

### (Project Activity #)

### Number of days worked:

3.5 days (1.5 travel days, 2 days meetings)

### Period:

From 23.07.2018 to 24.07.2018

### Organisations visited:

Israel Ministry of Environmental Protection (MoEP) Headquarters, Jerusalem  
The Manufacturers Association of Israel (MAI); Tel Aviv

Meetings/Activities	Venue	Date	Participants (name), (title), (institution)
Meeting 1 / Activity 1: Plastics Recycling in the EU - recent developments, challenges and New EU policy	MoEP Headquarters, Jerusalem	23/07/18	Tuma Abud, Agricultural Waste Coordinator, MoEP Rnana Ilan, Regional Infrastructure Manager, Southern District, MoEP Daniella Zegman, Local Authorities Dept, MoEP Tamar Raviv, Head of Recycling, MoEP
Meeting 1 / Activity 2: Israel's Municipal Waste strategy 2030	MoEP Headquarters, Jerusalem	23/07/18	Oded Nezer, Head of Solid Waste Division, MoEP Adam Schalimtzek, Head of International Relations Division, MoEP
Meeting 1/Activity 3: EPR laws in the EU (packaging, deposit etc.) and ecomodulation of EPR fees	MoEP Headquarters, Jerusalem	23/07/18	Noa Shpitzer- Mizrachi, Director of Extended Producer Responsibility Laws Division, MoEP Illy Atias, C&D Waste Coordinator, Central District, MoEP Neta Henik Shilo, C&D Waste Coordinator, Central District, MoEP Alaa Massrwi, Recycling Coordinator, Solid Waste Division, MoEP
Meeting 1/Activity 4: EPR laws - Multiple accredited bodies - Obligations and compliance schemes	MoEP Headquarters, Jerusalem	23/07/18	Dan Beth-Din, Regional Infrastructure Manager, Tel Aviv District, MoEP Yoav Goell, Deputy Director, Jerusalem District, MoEP Yael Oren, Head of Hazardous Waste Unit, Hazardous Materials Div., MoEP Netta Assael, Regional Infrastructure Manager, Central District, MoEP



Meetings/Activities	Venue	Date	Participants (name), (title), (institution)
Meeting 2/Activity 1: Round table discussion with MoEP Waste Division – Developing guidelines for a National plastic waste strategy	MoEP Headquarters, Jerusalem	23/07/18	Adi Lifshitz, Landfill Coordinator, Solid Waste Division, MoEP Smadar Ben Barouch, Waste & Recycle Coordinator, Southern District, MoEP Yonatan Hovav, Scientific Advisor, Solid Waste Division, MoEP Anat Kaufman, Waste and Recycling Supervisor, Solid Waste Div., MoEP Leemore Raviv-Alon, Recycling and Waste Senior Coordinator, Central District, MoEP Noa Golan, Recycling and Education Senior Coordinator, Tel Aviv District, MoEP Rikki Trachtenberg, Solid Waste Supervisor, Jerusalem District, MoEP Lena Levy-Filiva, Local Authorities Division, MoEP Ronit Avrahami, EPR Division, MoEP Fred Arzoine, Marine and Coastal Environment Division, MoEP Tahel Yashpe, Int'l Relations Division, MoEP Osnat Lask, Jerusalem District, MoEP Ziad Ghanayem, Waste Coordinator, MoEP Nurit Neumark-Gohar, Waste Coordinator, MoEP Helmut Schmitz, Public Affairs, Duales System Holding GmbH & Co. KG
Meeting 3/Activity 1: Plastics recycling in the EU: legislation, market trends, developments and challenges	The Manufacturers Association of Israel, Tel Aviv	24/07/18	
Meeting 3/Activity 2: Product design and sustainable recycling technologies; tracking the plastics value chain and measuring recyclability	The Manufacturers Association of Israel, Tel Aviv	24/07/18	
Meeting 3/Activity 3: Round table discussion with Industry stakeholders and MoEP	The Manufacturers Association of Israel, Tel Aviv	24/07/18	
Key Issues Discussed			<b>Plastics Recycling in the EU - recent developments, challenges and New EU policy</b> <ul style="list-style-type: none"> <li>- Global streams of plastics packaging</li> <li>- Plastics demand, trend and prices in EU economy</li> <li>- Plastics Waste Management in Europe</li> </ul>



Meetings/Activities	Venue	Date	Participants (name), (title), (institution)
			<ul style="list-style-type: none"> <li>- EU agenda on circular economy</li> <li>- New EU waste legislation in force since July 2018 (municipal waste, landfill reduction, packaging waste, separate collection economic instruments and EPR)</li> <li>- Overview of the EU Plastics Strategy and Single Use Plastics proposal</li> <li>- Benefits of plastics recycling and design for recycling</li> </ul>
			<p><b>Product design and sustainable recycling technologies</b></p> <ul style="list-style-type: none"> <li>- Lightweight packaging: collection system, sorting and recycling</li> <li>- Packaging as a commodity source</li> <li>- The German system: costs reduction for light packaging management</li> <li>- The new Packaging Act in Germany: increase of recycling targets</li> <li>- Incentives for environment-friendly packaging</li> <li>- Best practices of design for recycling</li> <li>- Closed loop recycling. The case of Systalen</li> <li>- Key Trends for EPR-Schemes in the Circular Economy</li> </ul>
			<p><b>Data Collection, measuring recyclability</b></p> <ul style="list-style-type: none"> <li>- Guideline for measuring the recyclability of packaging (DE)</li> <li>- Groups of plastic packaging and their recyclability</li> <li>- Material-specific recycling incompatibilities</li> <li>- How to evaluate recyclability</li> <li>- Measuring the Recycling Performance of Packaging – Position of Producer Responsibility Organisations Packaging Alliance</li> <li>- Changes on data collection and management put forward in the new Waste Framework Directive (WFD) and Packaging and Packaging Waste Directive (PPWD)</li> </ul>
			<p><b>New Packaging Directive as part of the EU Circular Economy Package Modulated Fees</b></p> <ul style="list-style-type: none"> <li>- EU action on Eco-modulation of EPR fees</li> <li>- Modulated fees in the Waste Framework Directive</li> <li>- Fee modulation - Factors influencing the costs of compliance</li> <li>- Main EU trends in calculation of fee modulation: packaging &amp; material categories, and material only category</li> <li>- Italy: Contribution Diversification for Plastics Packaging</li> <li>- EUROPEAN's Recommendations for EU harmonized Principles for National Modulation of EPR Fees</li> </ul>



Meetings/Activities	Venue	Date	Participants (name), (title), (institution)
	<b>Municipal Solid Waste Management In Israel</b>		<ul style="list-style-type: none"> <li>- Municipal Waste Situation in Israel</li> <li>- Landfill Space in Israel</li> <li>- Municipal Waste Composition in Israel</li> <li>- Israeli Municipal Waste Legislation 1984-2016</li> <li>- Financial Support for treatment of Waste: Cleanliness fund and Landfill Levy, 2007-2016</li> <li>- Israeli Municipal Waste Management Strategy 2030: vision, target and main actions</li> </ul>
Outputs/conclusions			<p>a) For both days there was a full attendance (35 participants from MoEP representative on day; 80 participants representing the Industry on day 2), which can indicate the high level of interest on the topic of plastic waste management and recycling.</p> <p>b) Activities of the meeting initiated a fruitful discussion on plastics management in Israel through a comparison with national practices in EU countries and with recent developments in EU legislation. In addition, the presence of the different departments of the MoEP has fostered a better understanding of each other's activities on the subject.</p> <p>c) Meeting 2/Activity 1: Round table discussion The internal discussion about the plastic strategy was considered to be very fruitful by the MoEP officers, helping to design a backbone for the initial activities to develop guidelines for a National plastic waste strategy.</p> <p>d) MoeP representatives expressed potential interest in remodelling the remaining days of the Expert Facility Activity EFH-IL-3 to include a further on site visit with the aim of facilitating a round table discussion on the National plastic waste strategy.</p>
Difficulties Encountered or Other Comments			<p>Due to the great interest and active participation of representatives of the industrial sector in the debate of the second day, the meetings of 24 July were prolonged in the afternoon. For this reason, it was no longer possible to carry out a field visit at the Tempo Beverage and Bottling Co.</p>
Annexes to the report			<ul style="list-style-type: none"> <li>- 23/07 Signature list</li> <li>- 24/07 Signature list</li> <li>- Presentation 1- Plastics Recycling in the EU - recent developments, challenges and new EU policy</li> <li>- Presentation 2 - Product design and sustainable recycling technologies</li> <li>- Presentation 3 - Data Collection, measuring recyclability</li> <li>- Presentation 4 - New Packaging Directive as part of the EU Circular Economy Package Modulated Fees</li> <li>- Presentation 5 - Municipal Solid Waste Management In Israel</li> </ul>
Photos	Day 1		



Meetings/Activities	Venue	Date	Participants (name), (title), (institution)
Day 2			

Name	Date	Signature
HELVUT SCHMITZ	28-07-2018	