



הלשכה המרכזית לסטטיסטיקה
Central Bureau of Statistics
دائرة الإحصاء المركزية



Ministry of Environmental Protection

Steering committee SEIS Vienna 6-7 November 2018

Israel Intervention

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Horizon2020 Indicators: Industrial Emissions

Indicator	Availability	Latest data	Comments
6.1 Release of nutrients from industrial sectors	yes	2017	Data source: MoEP - PRTR and Marine Environment Protection Division
6.2 Release of toxic substances from industrial sectors	yes	2017	Data source: MoEP - PRTR and Marine Environment Protection Division
6.3 Industrial hazardous waste disposed in environmentally sound manner	yes	2017	Data source: MoEP - Hazardous waste Sector
6.4 Compliance measures aiming at the reduction and/or elimination of pollutants generated by industrial sectors	yes	2017	Data source: MoEP - Marine Environment Protection Division

Horizon2020 Indicators: Municipal Waste

Indicator	Availability	Latest data	Comments
1. Municipal Waste Generation	yes	2017	<ul style="list-style-type: none"> -Data source: MoEP - Waste Division, ICBS -National level data except for population and tourists data (coastal cities) - Composition and Plastic waste (collection data) - tourist data- Methodology needs to be determined
2. “Hardware” of waste management	yes	2017	<ul style="list-style-type: none"> -Data source: MoEP - Waste Division, ICBS -National level data - Uncontrolled waste management is negligible
3. “Software” of waste management	yes	2017	<ul style="list-style-type: none"> -Data source: MoEP - Waste Division, Marine Environment Protection Division

Horizon2020 Indicators: Water

Indicator	Availability	Latest data	Comments
3. Access to sanitation	yes	2017	-Data source: ICBS, Water Authority -National level data -Access to sanitation is estimated at ~100%
4. Municipal Wastewater Management	yes	2017,2014	-Data source: MoEP - Water and Streams Division, Water Authority -National level data - Municipal wastewater treatment and use (2017), Nutrients release data (2014)
5. Coastal and Marine Water Quality	yes	2017	-Data source: MoEP- Marine Environment Protection Division (Medpol), Ministry of Health

Assessment: The State of the Environment in Israel: Selected Indicators

Ministry of Environmental Protection (2017)

- **Air;**
- **Climate change;**
- **Water;**
- **Marine;**
- **Biodiversity;**
- **Soil;**
- **Waste;**
- **Noise;**
- **Radiation.**

Changes in recent years with a significant environmental impact

- Joining the **OECD** & hence adapting new environmental regulations + signatory to numerous international conventions/agreements
- Discovering the **sea** and its natural resources (gas, water for desalination, fish cages, corridors of infrastructures, deepening ports, etc.)
- Increasing quantities of **waste** (...increase in consumption of goods.)

Changes in recent years with a significant environmental impact

- Striving for **independence** in:
 - Water production (desalination and WWT&R)
 - Energy production (natural gas)
 - Alternative fuels for transportation
- Increasing **land use** & an urgent need to increase the stock of apartments & hence infrastructure.

Success Stories

1. The largest waste water treatment plant “Shafdan” used to daily discharge sludge to the Mediterranean Sea. The discharge was stopped in 2017, with the construction of anaerobic digesters for processing of the sludge and spreading it on farmlands as a fertilizer.
2. Israel’s Pollutant Release and Transfer Register was officially launched in December 2013. The PRTR report includes emissions released to air, water, sea, rivers and soil or transferred offsite for treatment and disposal of waste and waste-water, and is published on a dedicated website of the MoEP.

Success Stories (cont.)

The data are based on reports received from different facilities, including industrial plants in the energy, chemistry, minerals and other sectors, landfills and transfer stations, wastewater treatment plants.

3. The MoEP is developing an IT platform for all the landfills, sorting facilities and transfer stations . Already 10 of 12 landfills and 11 of 29 transfer stations are connected to the IT platform. The remaining landfills will be connected in the near future.

SSFA: Ministry of Environmental Protection & UNEP

➤ Environmental Indicators:

Development of environmental indicators

➤ MSW

Developing of MSW database

➤ Hazardous Waste

Developing of hazardous waste information system and industry portal

SSFA: Ministry of Environmental Protection & UNEP

Progress (May – June 2018)

- Baseline report (existing dataset, indicators, data flow, reporting)
- Hazardous waste – baseline report on data production and collection aiming at improving analysis.

List of attained Project Activities

- Country Visit (March 2018) - relevant stakeholders gathered and success stories were presented
- Waste Monitoring Study Tour in Vienna (Oct. 2018)- Cooperation enhanced, knowledge base increased and coordination improved
- SSFA:
 - baseline report has been completed
 - Progress report was submitted
 - Consultant was hired in order to assist in the data collection and assessment processes
 - Consultant was hired in order to assist in the development of MSW dataset.
 - Hiring consultant for hazardous waste is in process.

List of planned Project Activities

- SEIS activities:
 - Waste Prevention Workshop (Dec 2018)
 - Marine litter workshop (Dec 2018)
- Data collection and reporting
 - Data collection Nov- Dec 2018
 - Data reporting Jan 2019
- SSFA implementation

Thank You for your attention!

