



HORIZON 2020 INITIATIVE FOR A CLEANER MEDITERRANEAN

ISRAEL'S PROGRESS IN IMPLEMENTATION OF THE ATHENS ROADMAP

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ISRAEL'S PROGRESS IN IMPLEMENTATION OF THE ATHENS ROADMAP

- **Action plans**
- **New legislation**
- **Research**
- **Development of new national information systems**
- **SWIM-H2020 Support Mechanism**
- **Twinning**

Action Plans

Reduction of Environmental Risks in Haifa Bay

In September 2015, the government approved an Action Plan to Reduce Pollution and Environmental Risks in Haifa Bay.

Implementation includes:

- Reduction of Air Pollution from Industry and Stationary Sources by
 - Mandating the use of best available techniques (BATs) for emissions reduction
 - Converting industrial steam boilers to natural gas
 - Increasing supervision and inspection of industrial facilities.

Action Plans

Reduction of Environmental Risks in Haifa Bay (cont.)

- Reduction of Air Pollution from Transportation by
 - Establishing Israel's first "Low Emission Zone"
 - Launching a pilot project for public transport buses powered by natural gas
 - Providing incentives and support for the installation of particulate filters in diesel vehicles
- Expanding Air Quality Monitoring and Sampling
- Transparency and Accessibility of Environmental Information to the Public
- Promoting research studies

Action Plans

Reduction of air pollution from power stations

MoEP Secures Closure of Coal Units at Orot Rabin Power Plant in Emissions Permit. These units will be changed over to operate with natural gas.

The conditions in the permits will lead to a 95% reduction in pollution emissions from Orot Rabin, from 42,000 tons of nitrogen oxides per year to 2,000 tons, and from 34,000 tons of sulfur oxides per year to 1,700 tons.

Action Plans

NAP

- Revision of the Israeli National Action Plan; submitted in November 2015
- Establishment of inter-ministerial steering committee
- Objectives:
 - to present the current environment state of the Mediterranean Sea across the Israeli shore
 - to identify the major causes for marine littering and pollution
 - to specify contaminated sites that require rehabilitation
- Main Outputs:
 - Current status report – identified gaps between the international obligations and current environment state
 - Detailed Action Plans
 - Updated list of hot spots and sensitive areas

Action Plans - NAP

Detailed plans for implementation and closing the gaps in line with the international requirements:

Action plan for Mitigation of Marine Litter

- Main goal: to improve our knowledge of the loads and sources of marine litter; identifying opportunities for cooperation in mitigation and cleaning activities.
- The Plan includes: monitoring methods, long term goals in the monitoring regime and public access to data.

Action Plans - NAP

Action plan for Mitigation of Pollution and waste in the Coastal Streams

- Main goal: to better monitor contaminant and litter loads in coastal streams by increasing the frequency of monitoring and diversify the measured parameters.

Action plan for Mitigation Polluted Runoff

- Main goal: to better monitor contaminant and litter loads in urban runoff and explore new ways to mitigate the discharge of polluted water through the coastal stream and urban drains.

Action Plans - NAP

Action plan for Hot Spots/Sensitive Areas

- The action plan describes in detail the measures required in order to mitigate pollution in identified hot spots and sensitive areas.
- Using an updated methodology three sites were classified as B type (severe) hot spots, 14 as sensitive areas, and 8 with no risk. None of the reviewed sites was classified as an A type (extremely severe) hot spot.

Action Plans

Climate Change

Mitigation: Israel's GHG Emissions Target

Reduce per capita greenhouse gas emissions to 7.7t CO₂e by 2030. This constitutes a reduction of 26% below the 2005 GHG emissions level.

Adaptation

- Israeli Climate Change Information Center
- Awareness Increase
- An adaptation plan (a set of recommendations) to the government - in preparation

New Legislation Under Preparation

Plastic Bag Law

- Prohibits the free distribution of plastic bags in supermarkets (the law will get into force in January 2017)

Integrated Environmental Licensing Law

- In April 2014, Government approved MoEP's plan to streamline all existing environmental permits into one integrated permit. The MoEP is in the process to write a “green licensing” law.

Contaminated Land Law

- The Land Law is intended to regulate all aspects related to land contamination and to set comprehensive provisions for preventing future land contamination. As part of the governmental effort to solve the “Housing Crisis”, the legislative process will be intensified.

Increasing knowledge & Research

- **Waste to Energy (Biomass)**
- **Water technologies**
- **Industrial emissions (Haifa Bay)**
- **Marine environment**
- **Climate Change**

Development of national information systems

- Packaging & WEEE database system.
- Computerized system for surveillance and control of air pollutants emissions (chimney air samples).
- Development of a national Industry portal (Poison permits is the first stage).
- Computerized system for surveillance and enforcement.
- PRTR (new element of data analysis for the public).

SWIM-H2020 Support Mechanism

- Sectorial Green Public Procurement – Aiding the local industry to plan for shifting to green production for the local market
- Support on olive oil mills waste – Regulation and methods
- Support for the plastic waste management and recycling
- Support for the preparation of guidelines for best practice for glass recycling schemes
- Assistance in introducing Construction and Demolition waste management
- Support stream rehabilitation, river restoration
- Development of Environmental Impact Assessments in Water Policy
- Enforcement and regulation in water sector.

TWINNING

- Twinning Project on IPPC & PRTR (finished in 2014)

Establishment and implementation of a system of Integrated Pollution Prevention and Control (IPPC) and a Pollutant Release and Transfer Register (PRTR)

- New TWINNING (launched in June 2015)

Improving and modernizing environmental regulatory and management tools for the Israeli industry – Regulatory tools for SMEs, Resource efficiency, Eco-Management and Audit Scheme

- Joint Declaration of Intent (signed 2015)

The declaration is on the Implementation of Best Available Techniques in the Permitting of Industrial Installations signed between the MoEP and the German Federal Ministry of the Environment, Nature Conservation and Nuclear Safety



Thank you