

Barcelona | Tuesday 17 October | *Dr. Orna Matzner, Dr. Moshe Yanai*

SESSION 3

National SEIS work plan of activities in the context of H2020 Initiative

ISRAEL

Sustainability of governance structure

Data Collection

- Environmental data are collected by various ministries and agencies based on regulatory duties (MoEP, ICBS, Water Authority, Ministry of Energy etc.)
- Data collected on a regular basis:
 - Monitoring quality data are collected by a network of stations (air, marine, rivers and beaches, climate etc.)
 - Reporting data are collected at least on an annual basis (PRTR, hazardous waste, wastewater, etc.)

Sustainability of governance structure

Data Collection (Cont.)

- Data collected on a regular basis:
 - Surveys are conducted periodically (Municipal waste collection, waste composition, Industrial waste generation and recycling, wastewater quality etc.)
- IT systems for data collection and processing (PRTR, waste)

Sustainability of governance structure

Data Processing

- Data procedures are in place for data handling and quality control (PRTR, air quality, sampling errors, etc.)
- Methodologies are based on international standards (IPCC, transport)
- Consultations in professional forums for data harmonization (MoEP and ICBS, etc.)
- ICBS is working on establishing a Metadata system for national statistics, including environmental data

Sustainability of governance structure

Data and Information Sharing

- The Ministries share information and data on a regular basis.
For example:
 - Data transfer
 - Methodological consultations
 - Workshops and professional forums
- Reporting to international organizations (Barcelona convention, OECD, SEIS, Eurostat, etc.)

Sustainability of governance structure

Data Dissemination

- The ICBS publishes regularly environmental data and indicators:
 - The annual abstract
 - Designated web pages
 - Data series
 - Special reports

Sustainability of governance structure

Data Dissemination

- The MoEP publishes periodically environmental data and indicators:
 - Online monitoring information systems (PRTR, air quality)
 - Special thematic reports (Marine and air quality)
 - Designated web pages
 - State of the environment report
 - GIS

Implementation of SEIS National work plan- Progress during 2017

TOPIC	DESCRIPTION	IMPLEMENTATION
MUNICIPAL WASTE - MoEP	Development of an online database of municipal waste treatment plants	<ul style="list-style-type: none">• Waste data system was established.• The focus now is to<ul style="list-style-type: none">○ Connect all waste treatment facilities to the system.○ Detect blocks & trouble shooting and provide technical assistance for the facilities including operational manual.• There is still a need to connect the local authorities to the system.

Implementation of SEIS National work plan- Progress during 2017

TOPIC	DESCRIPTION	IMPLEMENTATION
INDUSTRIAL EMISSIONS - MoEP	Establishment of a portal for improving communication between the MoEP and Industry, in terms of permits, reports, etc.	<ul style="list-style-type: none">• A portal was established.• The current goal is to include hazardous waste in the portal, aiming at facilitating the industry to apply for hazardous waste permits.

Implementation of SEIS National work plan- Progress during 2017

TOPIC	DESCRIPTION	IMPLEMENTATION
WATER- ICBS	Developing and improving water statistics	<ul style="list-style-type: none">- Renewal and improvement of the water account- Mapping water quality data- Expanding of the published water statistics (with the Ministry of Health)

Implementation of SEIS National work plan- Progress during 2017

TOPIC	DESCRIPTION	IMPLEMENTATION
ENVIRONMENTAL ACCOUNTS - ICBS	Develop a set of environmental accounts	The ICBS is starting to work on the establishment of waste and air accounts

Production, sharing of data and information

Development of national information system

- State of the environment report (MoEP) provides a comprehensive picture on the environment in Israel and is prepared in cooperation with all the relevant stakeholders.
- The ICBS is establishing a national statistical system for harmonization and standardization of data generated by all government ministries. The MoEP will take part in the process.

Production, sharing of data and information

Development of national information system

- Climate Change
 - A national plan for mitigation is being implemented.
 - A strategic adaptation plan will be submitted to the government by the end of the year.
 - A progress was made in developing climate change indicators and cooperation with stakeholders
 - We participated in a pilot study of the UNECE regarding climate change indicators

Key challenges & way forward

- Improvement of data collection and processing, including the monitoring system and metadata
- Keeping the calculations up to date (Technological and behavioural changes)
- Enhance data resolution (time and space)
- Establishing a functional national statistical system
- Research for closing data and methodological gaps (e.g. marine litter and nutrients)

Thank You for your
Attention

