

State of Palestine



**Shared Environment
Information System**

**ENI SEIS II
And
Palestinian Environmental
Information System**

Greece , 12-14 December 2016

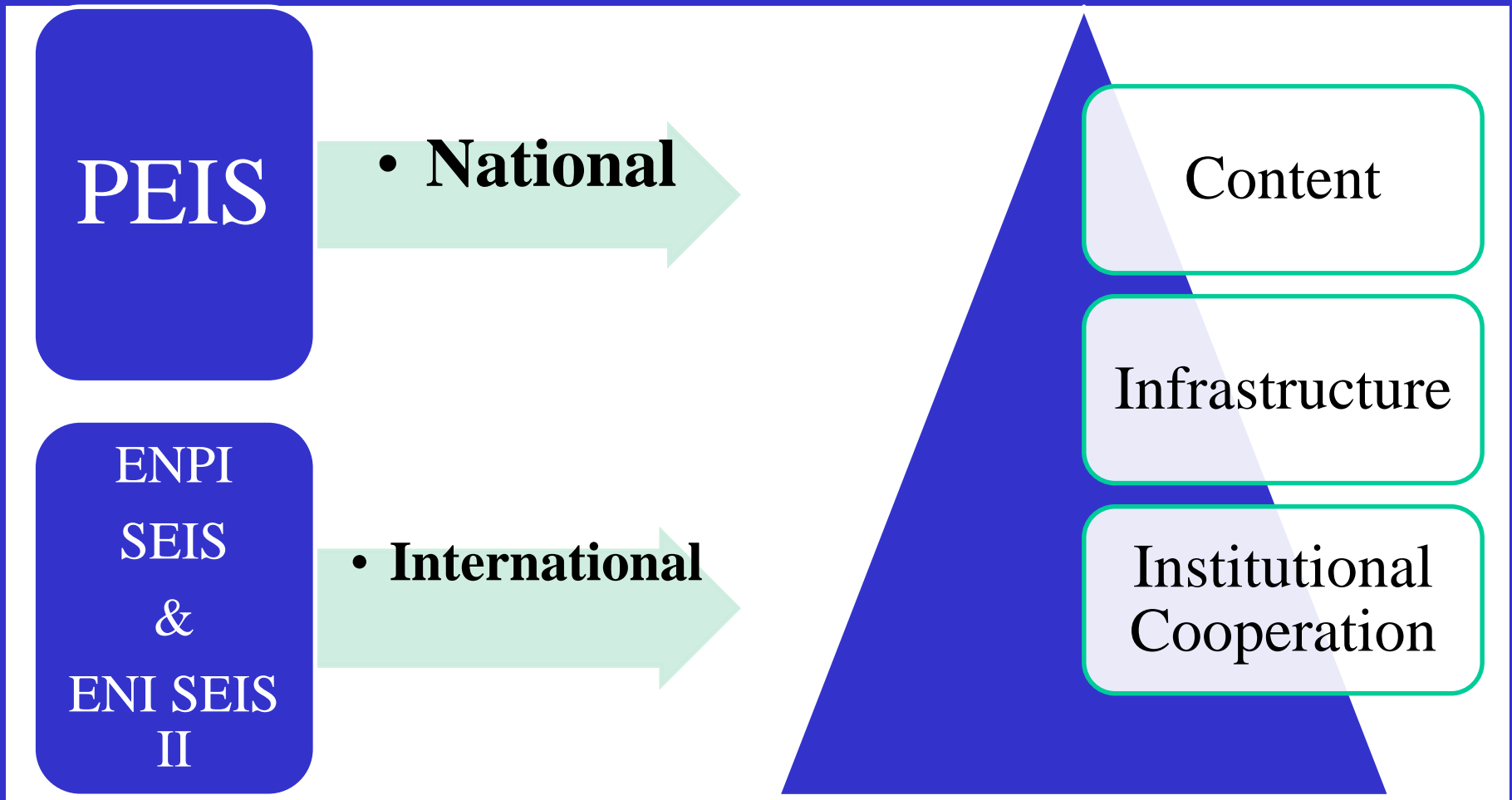


Historical Background

- 2004 Establishment the steering committee (SC) for the development of environment and natural resources statistics.
- 2008 – Restructuring of the SC into the National Team for Development of Environmental Information System.
- 2010 – Joining ENPI SEIS project.
- 2011– Re-launching the efforts of the National Team after a short halt and starting preparations for the establishment of the Palestinian Environmental Information System (PEIS).



PEIS , ENPI SEIS and ENI SEIS II





PEIS and ENPI SEIS

Content

Infrastructure

Institutional Cooperation

PEIS

- 5 thematic Workgroups
- List of indicators - Factsheets
- Data assessment (availability and coverage)

?

- Establishment of a national team
- MoU
- Creation of statistical units in ministries
- Training of ministries

ENPI SEIS

- 6 indicators
- 3 Levels (National, Hydrological Basin & Coastal Cities)

Reportnet tool

- EEA
- UNEP MAP
- Plan Bleu
- Others



ENI SEIS II

Content

?

Infrastructure

?

Institutional
Cooperation

?



Development of PEIS and relation to ENPI SEIS and SEIS II :

The National Team of PEIS

Members

- Governmental bodies (PCBS , EQA ,PWA, MoH, MoA, MoLG ,MoT, MoNE).
- NGO's (ARIJ, MAS, PHG).
- Universities and private sector.

Task

- To Establish and develop PEIS

Thematic Workgroups

Water &
wastewater

Solid
Waste

Air
Quality

Land
Use

Climate
& Energy



Existing portals as parts of the Environment Information system

PCBS :

Data Bases	Services
Accelerated Data program (ADP) http://82.213.38.42/PCBS-Metadata-en-v4/index.php/catalog	Department of Users Services
Public Use File http://www.pcbs.gov.ps/site/601/default.aspx	Statistics via PCBS website http://www.pcbs.gov.ps/site/lang_en/507/default.aspx
PALINFO http://82.213.38.42/Palinfo/home.aspx	Annual User Producer Dialogue
CENSUSINFO http://82.213.38.42/CensusInfo/	



Existing portals as parts of the Environment Information system

EQA Point sources inventory IS:

A screenshot of a web browser displaying the 'Industrial Pollution Inventory' application. The browser's address bar shows the URL '82.213.48.228/pollution/web/index.php?r=mapping%2Findex'. The application's navigation menu includes 'Home', 'Industries', 'Maps' (which is highlighted), 'Search', 'Reports', 'About', 'Contact', 'Change own password', and 'Logout'. The main content area shows a satellite map of an industrial area. Several green circular markers with numbers (2, 4, 5, 20) are overlaid on the map, indicating pollution points. A blue factory icon is also visible. A pop-up window for 'SAMA Pharmaceutical Manufacturing Co.LTD' is open, displaying the name in Arabic and English: 'شركة سما - لصناعة الأدوية م.م'. The map labels include 'Iskar', 'Dayr al-Hatab', 'Salem', and 'At-Toufik Hair Salon'.



Existing portals as parts of the Environment Information system

EQA Point sources inventory IS:

Industrial Pollution Inventory

Home Industries Maps Search Reports About Contact Change own password Logout

SAMA Pharmaceutical Manufacturing Co.LTD

View Industry on Map

Choose Section To View

- Main Page or Questionnaire
- General Information
- Data Collector Info
- Approvals and Licensing
- Inspection Visits
- Processes
- Materials Used in Production
- Materials Produced
- Transportation of Material
- Energy Use
- Characteristics of Emissions to the Air

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Ph.Mohammad Abdel Rahim محمد عبد الرحيم
Research & Development Manager
0597555000
infor@samaph.com
SAMA Pharmaceutical Manufacturing Co.LTD



Existing portals as parts of the Environment Information system

PRTR Pilot web portal:

PRTR V3.0

82.213.48.227:8888/GenericReport.aspx?id=268

Pollutant Release and Transfer Register

Home Emissions User Help

English (United States) Login Register

Facility report chemical

Company Information	
Company Name	PRTR_PS

Facility Identification	
Facility Name	Beit Jala Pharmaceutical Company
Facility Address	Beit Jala - Almadaress street
Facility City	Bethlehem
Contact E-Mail	hqabajah@beitjalapharma.com
Public Contact Telephone Number	022742855
Web Site	www.beitjalapharma.com

Report Period	
Report	prtr_pilot_2014
Start date	10/22/2014
End date	10/22/2014

Chemical Identity	
Chemical	1,1 Diphenylethane (612-00-0)

Quantity of the chemical entering air onsite

Quantity of the chemical injected underground onsite



Achievements & Existing Environment Information system

PWA: Water Information System

The screenshot displays the 'Wells' page of the PWA: Water Information System. The interface includes a top navigation bar with 'WIS' and language options (العربية, English, Log off). A sidebar on the left contains a user profile for 'EQA@NWIS.PS' and a menu with items like 'Home', 'Water Tanks Distribution', 'Setup', 'Human Resources', and 'Water Related Elements'. The main content area features a 'Filters' bar and an 'Index' table listing wells with columns for Water service provider, Locality, PWA Code, Name, Use, and Location. Each row includes a search icon.

Water service provider	Locality	PWA Code	Name	Use	Location
AQUA	AQUA	15-09/028	'Abda	Domestic	(X:152200, Y:97050, Z:760)
An Nassariya	Wadi al Far'a	18-18/013	'Abdallah 'Abed Al Hadi	Domestic	(X:187290, Y:182440, Z:-36.092)
AQUA	Qalqiliya	14-17/049	'Abdallah 'Abed Al Rahman	Domestic	(X:148100, Y:176780, Z:72)
AQUA	Qalqiliya	14-17/029	'Abdallah 'Awartani	Domestic	(X:146280, Y:176280, Z:40)
AQUA	Qalqiliya	14-17/047	'Abdallah Ghnaim	Domestic	(X:149260, Y:178660, Z:85)



Environmental Indicators in PEIS prototype:

The screenshot displays the PalInfo 3.0 web application interface. At the top, the URL is 82.213.38.42/Palinfo/h. The interface includes a navigation bar with icons for home, globe, checkmark, bar chart, calendar, and a grid. Below this, the 'Database' is identified as 'PalInfo 4.0 02122012'. A search bar labeled 'Indicator' is present. The main content area shows a list of 10 available indicators under the 'Environment' sector. The indicators listed are:

- Carbon dioxide emissions per capita - Metric tons - Total
- Land area covered by forest - Percent - Total
- Proportion of population using an improved drinking water source - Percent - Camps
- Proportion of population using an improved drinking water source - Percent - Rural
- Proportion of population using an improved drinking water source - Percent - Total
- Proportion of population using an improved drinking water source - Percent - Urban
- Proportion of population using an improved sanitation facility - Percent - Camps
- Proportion of population using an improved sanitation facility - Percent - Rural
- Proportion of population using an improved sanitation facility - Percent - Total
- Proportion of population using an improved sanitation facility - Percent - Urban

The interface also shows a 'Sector' dropdown menu with options: Economy, Education, Environment (selected), Health, Information and Communication, Nutrition, and Women. At the bottom, there is a pagination control showing 'Page 1 of 1' and a 'Selected (0)' indicator.



Integration with SDGs :

2 new Indicators based on the coming Census 2017 questionnaire :

6.1.1 Proportion of population using safely managed drinking water

6.2.1 Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water





Development in Water Accounts:

- Training course in Vienna 4/2016 for PCBS and PWA
- By End of January 2017 a report will be published including the methodology, challenges , tables with available data.



Our Priorities for 2016-2020:

- Support in the development and selection of environmental indicators
- Support in establishing an environmental information system.
- Support in data Exchange protocols.
- SOER produced based on official documented indicators values.
- Support in developing water accounts.



Challenges & System Sustainability

Challenges:

- Data exchange tools/modules to be developed : Help may be needed here.
- Coordination Agreement about the system hosting.
- Procedures, and manuals (who do what).
- Timeliness of data delivery by partners.
- Data availability.

System Sustainability:

- The National team agreed to include the plans of System updating and maintenance within their annual plans .



Useful links

Governmental Body	website
Palestinian central Bureau of Statistics	www.pcbs.gov.ps
Environment Quality Authority	http://www.environment.pna.ps/
Palestinian Water Authority	http://www.pwa.ps/

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