



# Progress and Strategy for SEEA in ESCWA

**EGM on Environmental Economic  
Accounting for the ESCWA Region**

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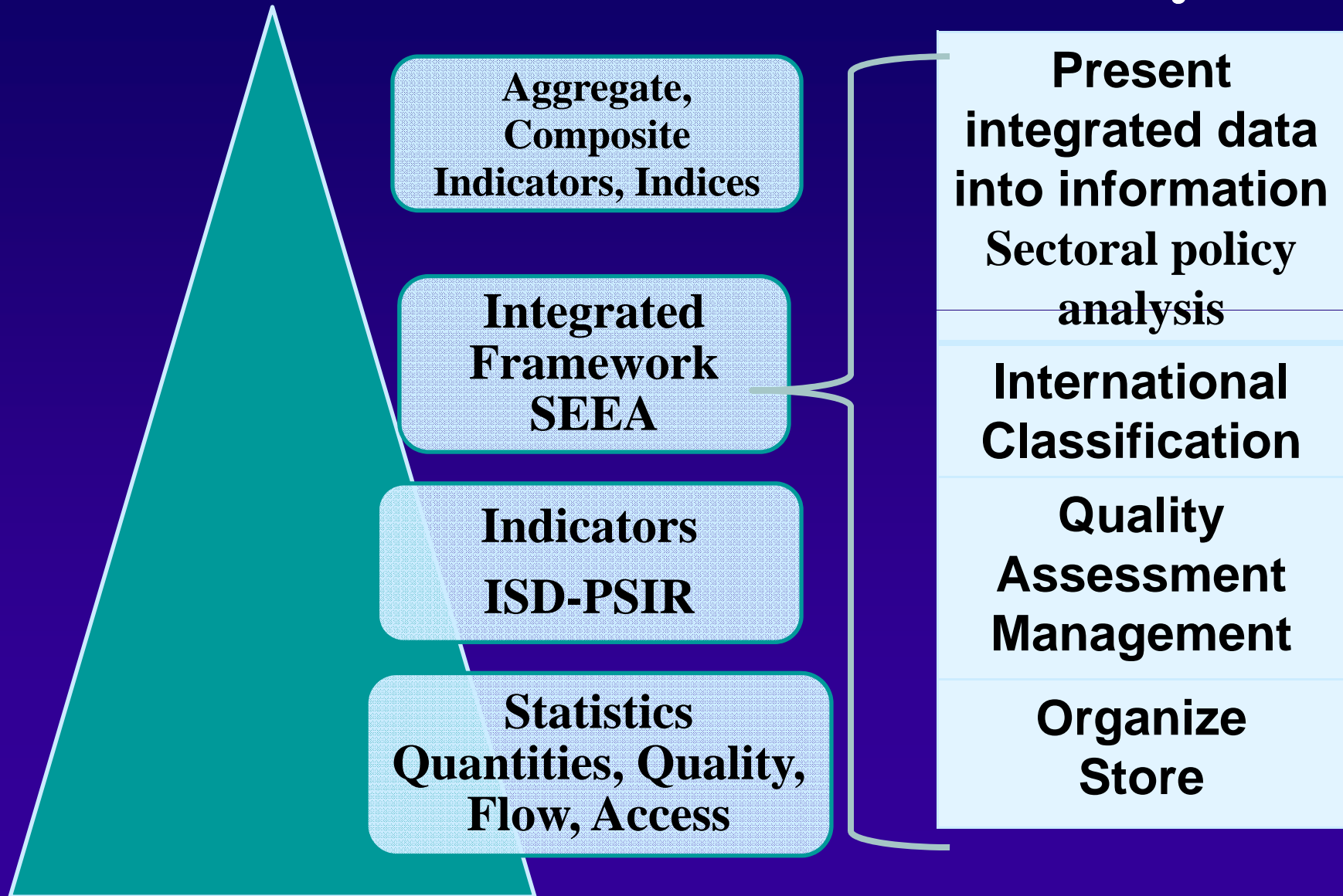


# Some World Issues

- After the Global Financial Crisis, the world is reformulating frameworks for development (Stiglitz)
- Accounts for Environmental , Human and Social capitals need to integrated to produced capital;
- Green Economy, (SEEA) Integrated Environmental-Economic Accounting,
- Environmental Management Accounting
- Climate Change and the costs and opportunities (Emissions Accounts)



# Advantages of Integrated Framework on Environment and Economy





# Micro vs Macro

[www.vattenfall.com](http://www.vattenfall.com)

## Micro Perspective

### *Corporate environmental management accounting*

The Environmental and Sustainability Management Accounting Network (EMAN) and the Centre for Social and Environmental Accounting Research (CSEAR)

#### Environmental performance

- Materials used (EN1)
- Materials used that are waste (EN2)
- Energy use (EN3–4)
- Energy-efficient and renewable energy-based products (EN5–7)
- Water use, discharge and effects on biotopes (EN8–9, 21, 25)
- Land use and biodiversity (EN 11–15)
- Greenhouse gas emissions (EN16–18)
- Ozone-depleting substances (EN19)
- Emissions to air (EN20)
- Waste and mineral by-products (EN22)
- Spills and contamination (EN23)
- Fines and incidents (EN28)
- Environmental protection expenditures and investments (EN30)



# Micro vs Macro

## Macro Perspective :Accounting of

- *Ecosystem stocks and services,*
- *Environmental activities and transactions,*
- *Carbon accounting*
- *Damages, externalities and welfare:*
- *valuation, accounting and indicators,*
- *Land use and land cover accounting, -*
- *Material & energy flow accounting,*
- *Environmental modeling.*

S  
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## Countries implemented environmental accounts

Norway,

The Netherlands, Sweden, Germany,

France,

Australia,

Canada,

The Philippines, Namibia



"Strengthening National Capacities in  
Environment Statistics, Indicators and  
Accounts Project" (ESIAP) *in support of  
progress toward achieving* the internationally  
agreed development goals in the ESCWA and  
ECLAC Regions"

2008-2009

602,000 USD

[www.escwa.un.org/esiap/index.asp](http://www.escwa.un.org/esiap/index.asp)

# Environment Statistics, Indicators and Accounts Project (ESIAP)

for ESCWA-Arab Region  
and ECLAC

[www.escwa.un.org/esiap/index.asp](http://www.escwa.un.org/esiap/index.asp)

About ESCWA

Partners

Topics

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•To strengthen National Capacities of ESCWA countries in the collection, coverage, dissemination and exchange of reliable, timely and comparable environment statistics, indicators, and accounts (ES)

•To take advantage of an integrated environmental statistical system approach in support of progress toward achieving national and internationally agreed development goals.

## Home

"Strengthening National Capacities in Environment Statistics, Indicators and Accounts Project" (ESIAP) *in support of progress toward achieving* the internationally agreed development goals in the ESCWA and ECLAC Regions" is a development account project that aims to strengthen National Capacities of ESCWA and ECLAC countries in the collection, coverage, dissemination and exchange of reliable, timely and comparable environment statistics, indicators, and accounts taking advantage of an integrated environmental statistical system approach (IESS) to provide policy makers with tools to monitor and ensure environmental sustainability in line with national and internationally agreed development goals (IADGs) such as WSSD and MDGs.

The 2-years project includes missions to countries, expert group meetings, regional and sub-regional workshops, fellowships, development of database and docubase, and the development of a network for experts and institutions in the field to learn from their peers and exchange success stories and lessons learned.

## News

### + Fellowship

- Strengthening National Capacities in Environment Statistics, Indicators and Accounts in support of progress toward achieving the internationally agreed development goals in the ESCWA and ECLAC Regions

### + Training Workshop

- Training Session on the System of Environmental - Economic Accounting for Water (SEEAW) for the Arab Gulf Countries
- MEDSTAT II Environment Sector / UNESCWA / UNSD Joint Sub-regional Training Session on the System of Environmental-Economic Accounting for Water (SEEAW)

## Links

Beijer Institute of Ecological Economics

European Association of Environmental and Resource Economists (EAERE)

South Asian Network for Development and Environmental Economics

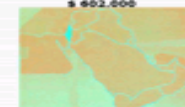
### + International and Regional Resources

### + National Statistical Offices in Arab Western Asia

## Info Corner

### Brochure

UN ESCWA  
ECLAC Project  
Strengthening National  
Capacities in  
Environment  
Statistics, Indicators  
and Accounts (ESIA)  
in the ESCWA and  
ECLAC Regions  
2007-2009  
\$ 602,000



### Compendium



ESCWA



ECLAC



ESCAP



ECA



ECE



UNSD



UNEP



Medstat



FAO



WBG



ACSAD





# Activities of the Project-Meetings

- 2 Subregional workshops: For the Med countries (07), and Gulf Countries (08), with MEDSTAT and UNSD

*[unstats.un.org/unsd/envaccounting/ceea/meetings/](http://unstats.un.org/unsd/envaccounting/ceea/meetings/)*

*[www.escwa.un.org/information/meetingdetails.asp?referenceNum=819E](http://www.escwa.un.org/information/meetingdetails.asp?referenceNum=819E)*

- National Workshop in UAE (NSO)
- Joint Meeting with ECLAC on Water Accounts (June 09)

*[unstats.un.org/unsd/envaccounting/workshops/chile2009/](http://unstats.un.org/unsd/envaccounting/workshops/chile2009/)*

- Expert group meetings: Beirut, October 09
- Planned: Regional Workshop, Q1-10



# Activities of the Project-Missions

Technical assistance missions: joint with MEDSTAT and UNSD (2008-2009)

- Lebanon, Aug. 08
- Oman, Aug. 08
- Egypt, Nov 2008
- Syria, Dec 08
- Sudan, Sep 09
- Bahrain, Oman (TBD)
- Participation at UNCEEAA and London Group



# Activities of the Project-Documents

Methodological documents on integrated environmental Economic Accounts

[www.escwa.un.org/information/meetingdetails.asp?referenceNum=1097E](http://www.escwa.un.org/information/meetingdetails.asp?referenceNum=1097E)

1. SEEAW in Arabic (Plus Excel Standard Tables Ar-Eng)
2. Water Surveys, Arabic
3. Framework for EEA for ESCWA, English
4. Environmental Protection Expenditures, Ar
5. Input to IRWS



# Activities of the Project

1. Website with docubase, and expertbase on environment information  
<http://www.escwa.un.org/esiap/>
2. Database ESIS for Environment and Water . To be tested and distributed in countries
3. Study tours (or Iraq, Yemen, Palestine in Jordan, 2008 )

## Welcome to ESIAP interactive platform

The **ESIAP docubase, network and forum** was established in July 2008 as part of the activities of the development account project "Strengthening National Capacities in Environment Statistics, Indicators and Accounts in support of progress toward achieving the internationally agreed development goals in the ESCWA and ECLAC Regions" for 2008-2009 .



### *The Docubase*



**The Docubase** is a content management system based on a documentary approach. The objective of the archive is to make publications on environmental statistics, indicator and accounts and related themes available to the Arab region and interested groups.

**Search the docubase**



### *The Network*



ESIAP Network members are experts, practitioners and institutions in environment statistics, indicators and accounts and general public interested in this field.

**Enter the network**

**Not a member? Join!**



### *The Forums*



The forum on environment statistics, indicators and accounts would facilitate networking between experts, practitioners and institutions, in the Arab region and among regions through interactive sharing and knowledge management.

**Participate in the Forums**



# Matrix for Priority Accounts

	Water	Land	Subsoil	Air	Energy	Ecosystems
<b>Flow and pollution accounts</b>						
Physical Flows	X					
(Hybrid accounts)						
Monetary flows	P					
Pollution (waste, emissions)						
<b>Asset accounts</b>						
Physical Stocks	X					
Monetary Stocks						
<b>Economic information on the Environment</b>						
Expenditures	X	X		X		
Revenues/Taxes	X	X		X		
etc						



# Pilot Water Accounts SEEAW

2008-2009

	Jordan	Oman	Bahrain	Lebanon	Egypt	Palestine
<b>National/Local</b>	<b>N</b>	<b>N</b> Need basin	<b>N</b>	<b>L</b>	<b>N</b>	<b>L</b>
<b>Physical Supply and Use Tables (PSUT)</b>	<b>yes</b>	<b>yes</b>	<b>yes</b>	<b>yes</b> To be continued National	<b>yes</b> Still under revision	<b>Yes</b> Limited Authority Tragic events
<b>Monetary Supply and Use</b>	<b>no</b> Can be compiled	<b>no</b> Can be compiled	<b>no</b> Can be compiled	<b>no</b> -	<b>no</b> -	<b>no</b> Can be compiled
<b>Assets Accounts (physical)</b>	<b>yes</b>	<b>yes</b>	<b>yes</b>	<b>yes</b>	<b>yes</b>	<b>yes</b>
<b>Emissions Accounts</b>	<b>yes</b>	<b>No</b> Can be compiled	<b>No</b> Can be compiled	<b>No</b> Can be compiled	<b>No</b> Difficult	<b>No</b> Can be compiled

**More assistance to review existing PSUT and compile monetary&emissions accounts**



# Energy Accounts

1. None of member countries compiles energy accounts
2. Some have prepared energy balances with MEDSTAT Assistance: Egypt, Jordan, Palestine, Lebanon and Syria as per international standards
3. ESCWA organized EGM on energy balances and accounts and provided assistance to Sudan
4. In some member countries, like Kuwait, EB is not official but still as research paper
5. InterEnerStat to reconcile Energy Balances and accounts
6. Good Practice: Germany, Norway, New Zealand





# Environmental Protection Expenditures

	Jordan	Syria
<b>Public Expenditures</b>	<b>yes</b>	<b>yes</b>
	<b>Research plus technical assistance</b>	<b>Technical Assistance</b>



# Actual Status

- ESCWA is still at the beginning of the road to Environmental Accounting: Water Accounts and Environmental Protection Expenditure
- This project is ending by the end of 09
- MEDSTAT project finished
- ECLAC(Latin America) succeeded in obtaining funds on Water Accounts (2.5 million\$)
- ESCWA countries should prioritize environmental accounting, allocate budget and resources, and develop an implementation plan
- The EGM will present a regional agenda