



SOER - LIVE BETA VERSION


Data Working Group
- Cairo, Egypt

11th -13th
November



Aims and Objectives:

AIM:



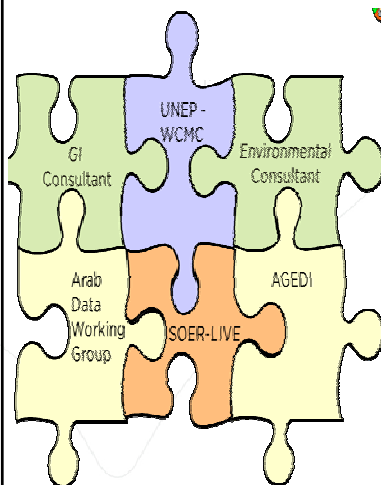

SOER - Live was envisaged as an online reporting tool to enable national governments to develop their national State Of the Environment Reports online.

- Provide a web-based State of Environment reporting application.
- Provide users a choice of charts and graphs to develop State of Environment Report .
- Assist countries to produce a digital **national** State of Environment report.
- Enable countries to collaborate to develop a digital **regional** State of Environment report.



Aims and Objectives:

ROLES:



FACILITATORS:

Abu Dhabi Global Environmental Data Initiative (AGEDI)

AGEDI works with EAD, Partners, Members and Stakeholders throughout the world to achieve a more sustainable future through 'best-impact' access to environmental and societal data.

Environment Agency - Abu Dhabi (EAD)

EAD is a governmental agency committed to protect and manage biodiversity, provide a clean environment and promote sustainable development in the Emirate of Abu Dhabi.

United Nations Environmental Programme (UNEP)

UNEP is the facilitator for environmental issues within the UN. It is an advocate for the sustainable development of the world.

World Conservation Monitoring Centre (WCWC)

WCWC is UNEP's specialist biodiversity assessment body, and the Centre for UNEP's collaboration with WCMC.

Third Party

Environmental Consultant:

Determine the core set of environmental indices and indicators required by the GIS Consultant and WCMC to develop the SOER-Live Beta (Abu Dhabi) and West Asia SOER-Live

GIS Consultant:

Develop import/export tool, geo-processing tools and ESRI geo-database that integrates seamlessly into the SOER-Live application

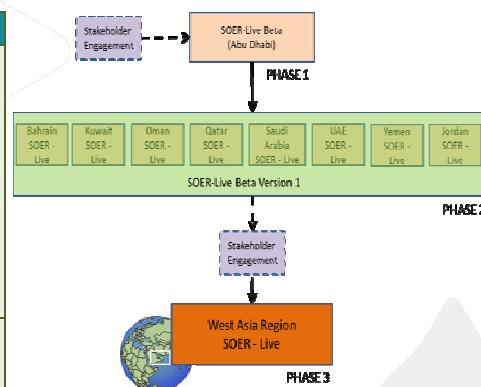


AGEDI

Aims and Objectives:

STAKEHOLDER ENGAGEMENT :

PHASE	ORGANISATION
PHASE 1	<p>EAD develop SOER-Live Beta for the Emirate of Abu Dhabi</p> <p>EAD publishes regular:</p> <ul style="list-style-type: none"> • milestones • Reports and screenshots <p>Arab Region Data Working Group:</p> <p>3-6 Early Adopters Countries</p>
PHASE 2	<p>3-6 Early Adopters Countries:</p> <p>Use user feedback to develop SOER-Live Beta Version 1</p>
PHASE 3	<p>Develop Regional SOER for the Arabian Peninsula</p>



AGEDI

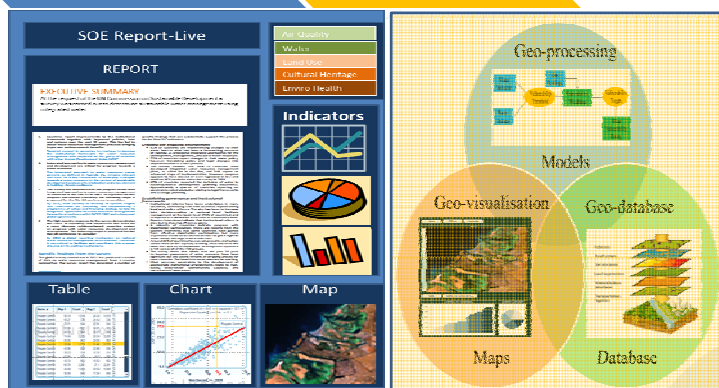
SOER-Live:

SIMPLE, FUNCTIONAL & ROBUST:



SOER-LIVE:

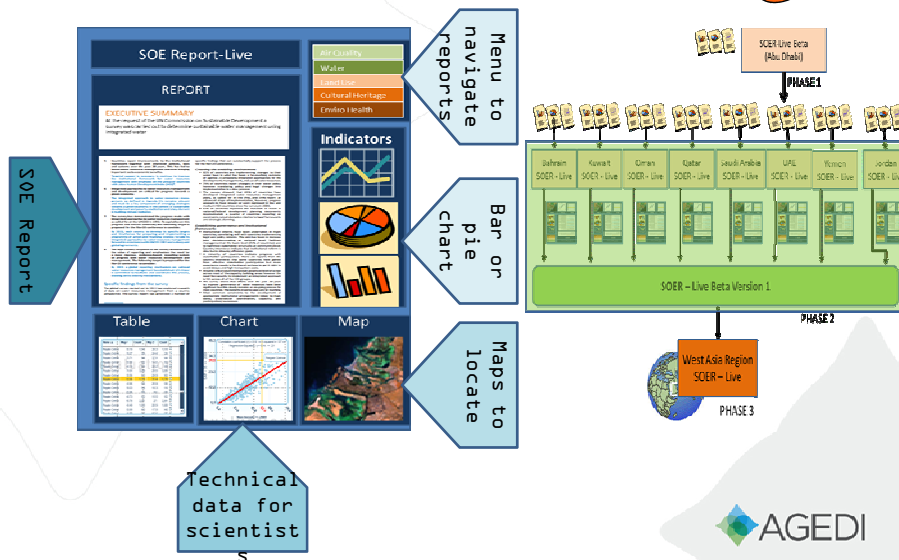
GIS Techno



AGED I

Development Strategy

SIMPLE, FUNCTIONAL & ROBUST:



AGED I

Development Strategy

USER FOCUSED



Feature	Function
Access	SOER-Live aims to accommodate all users
Support	Simple to complex IT infrastructure
User Interface (GUI)	Use drop-down lists to enter data Template to upload SOE data
Recommendation	Develop Proof of Concept by February 2013 and to commence production of Beta Version 1 by April 2013



Development Strategy

MODULAR FORMAT:



	UPLOAD	Low tech	Intermediate	High tech
Method		CSV	REST Service	Web Feature Services (WFS)
Development		Basic	Complex	Complex
Production Costs		Low - medium Cost	Low - medium Cost effective, can be re-used.	High Cost-effective the
	DOWNLOAD	Low tech	Intermediate	High tech
Method		Pdf or GeoPdf	Layers or map files	Web Mapping Services (WMS)
Development		Simple	Simple	Simple
Production Costs		Low	Low	Low



Features and functions:

Phase 1 - 3:

	Features	Functions
PHASE 1	Web User Interface (GUI)	Menu to navigate reports, drop-down list to select data
	Import tool	Enter data into SOER geodatabase
	Report template	Edit and creates a SOE report
	Charts	Select bar or pie chart to display data
	Export tool	Share information: Shapefile, WMS format
PHASE 2	Security	ActiveDirectory & ArcGIS Server SOM for user administration
	National data template	Update and modify SOE data template
	National report template	Update and modify SOE report template
PHASE 3	Data administration	Tick box to publish data to web site
	Improved help system	Step-by-step instruction, website & webinar videos
	Regional data template	Create a regional SOE data template
	Regional report template	Create a regional SOE report template

Architecture

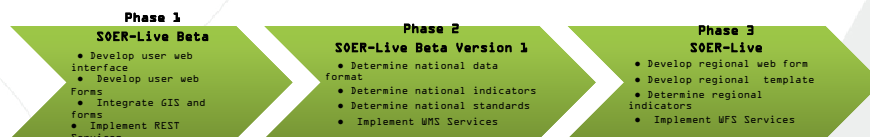
UNEP SOER-Live:
GCC:

EAD, UAE &



GIS technology
ArcGIS Server technology <ul style="list-style-type: none"> • Map services • Image services • Feature services • Geo-processing services Standards-based services: <ul style="list-style-type: none"> • REST • OGC services (WMS, WFS) ESRI Geo-portal Server

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Outcome:

ARAB REGION DATA WORKING GROUP:

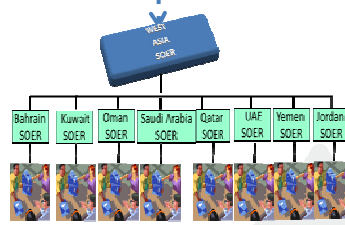


Contributes to core
set of
Environmental
Indicators

Web-based system
for data &
information:
access or data
sharing



Environmental
Sustainability
Indicators



Environmental
Information Network

