



Ministry of
Environment



Central
Administration
for Statistics

An Environment & Development Information System in Lebanon

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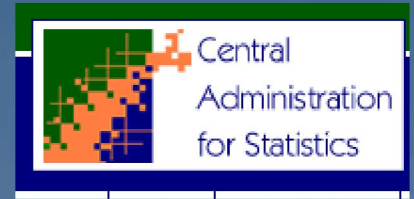
National coordinator for MEDSTAT-Env
Central Administration of Statistics

UNSD/UNEP Workshop on Environment Statistics

Damascus, 4-8 April 2004



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CAS & MoE

The Central Administration
of Statistics
(CAS)

The Ministry of Environment

Assumes itself or
in cooperation with the
concerned parties to set forth
all statistics related to
the economical & social life
of the country
(Decree 1793/1979)

The role of conducting
environmental statistical works
in coordination with the CAS
(The Law 667/1997)



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MEDSTAT
Env

National
Environment & Development
information System
(Blue Plan + LEDO)

&
Observatory
LEDO
MoE



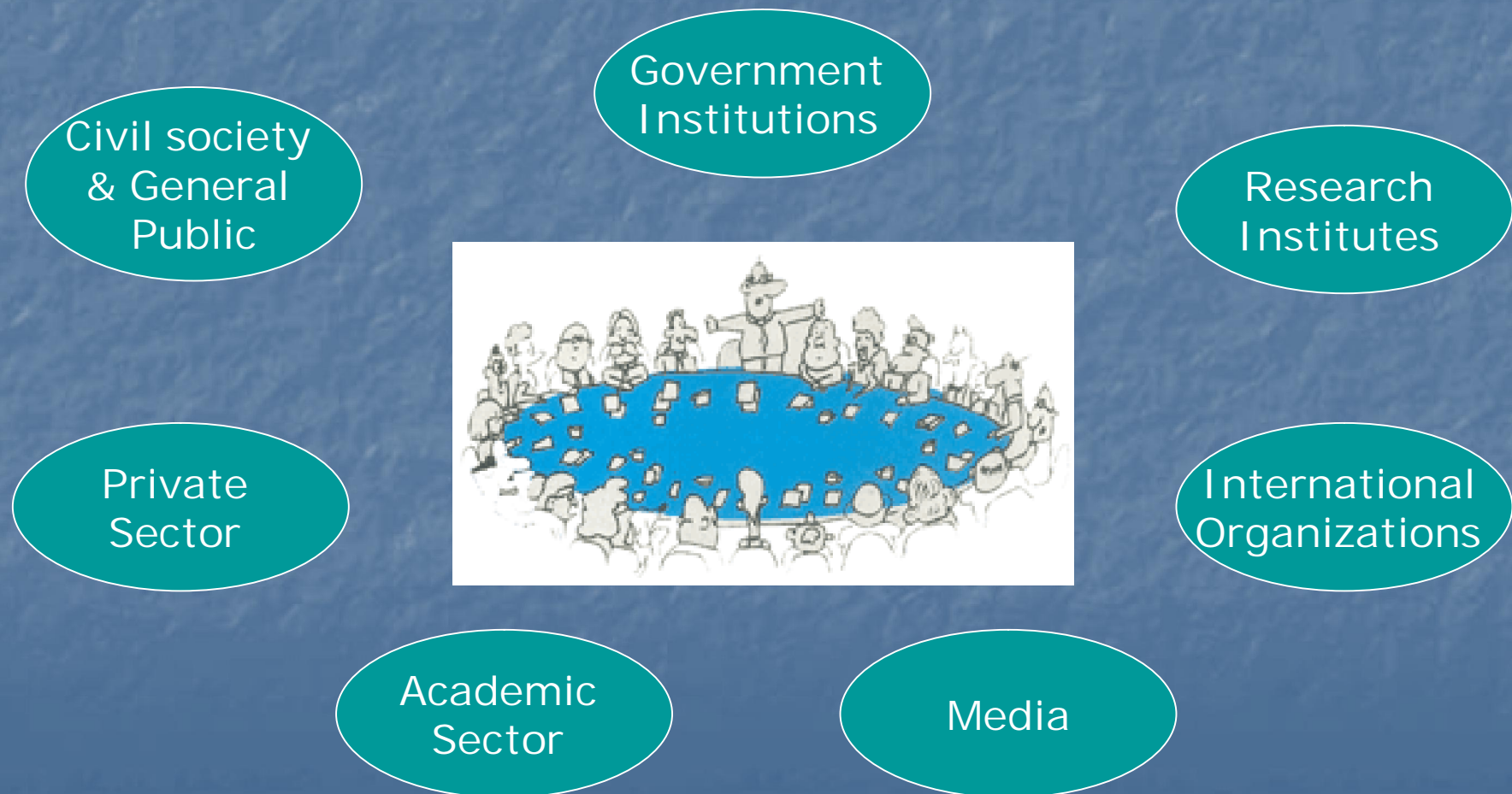
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How did LEDO work?

Participatory approach: All stakeholders





Categories of indicators

Population and Socio-economic Indicators:

- Demography
- Standard of Living
- Consumption/Production Patterns

Economic Activities:

- Agriculture
- Industry
- Energy
- Services
- Transport

Environment:

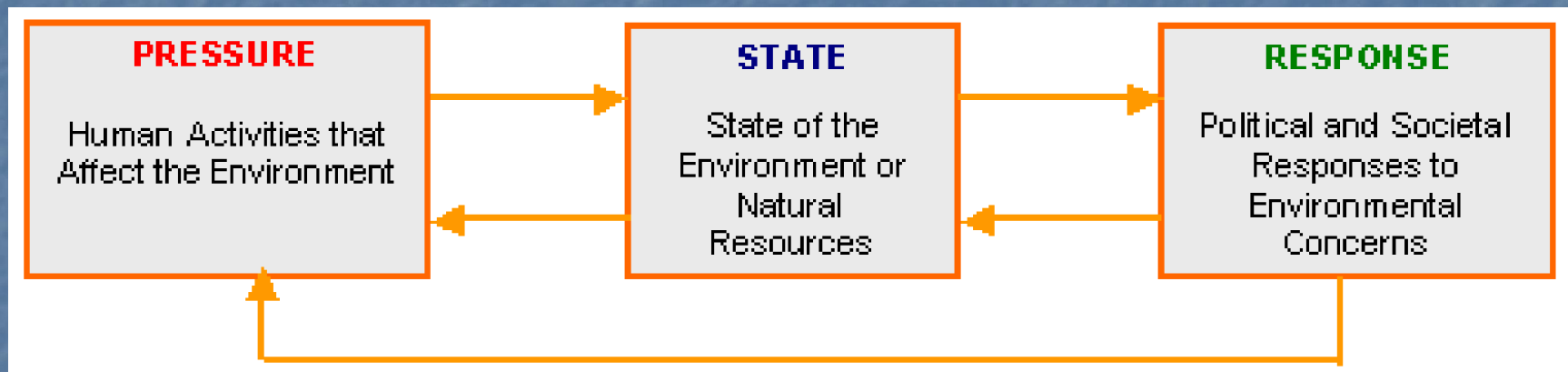
- Air
- Water
- Land/Soil
- Biodiversity

Sustainable Development Activities & Policies:

- Activities/Actors
- Policies/Strategies



Type of indicator





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Time-frame



Short term



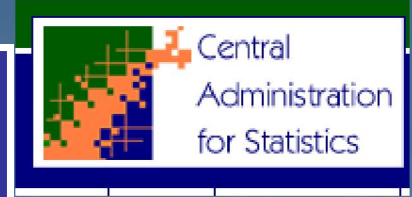
Medium term



Long term



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Data Collection & Recording

INDICATOR DATA SHEET

Indicator:	Category:
Definitions:	Themes:
Other Definition:	Type:
	Unit:
	Related Indicators:

Calculation Method

Data Needed	Source

Standard/Target:

Frequency for Updating:

Comments:

Graphical Presentation

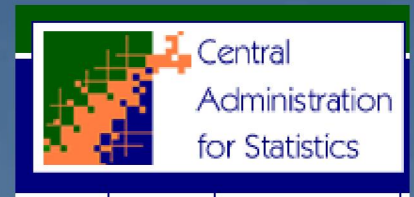
Year	Value of the Indicator	

Source of data/year
Geographic coverage:

LECO Reference: Blue Plan Reference:
Developed by: Date:



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Interpretation

Indicators Interpretation

Indicator Results ↔ Calculating Related Indicators



Public Institutions - Researchers - Decision Makers

International Organisations - Civil Society - General Public



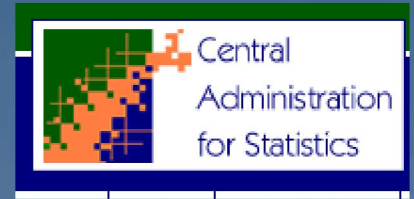
Realistic Environmental
Assessment & Evaluation
of Environmental
Degradation

Preparing
Plans and
Programmes

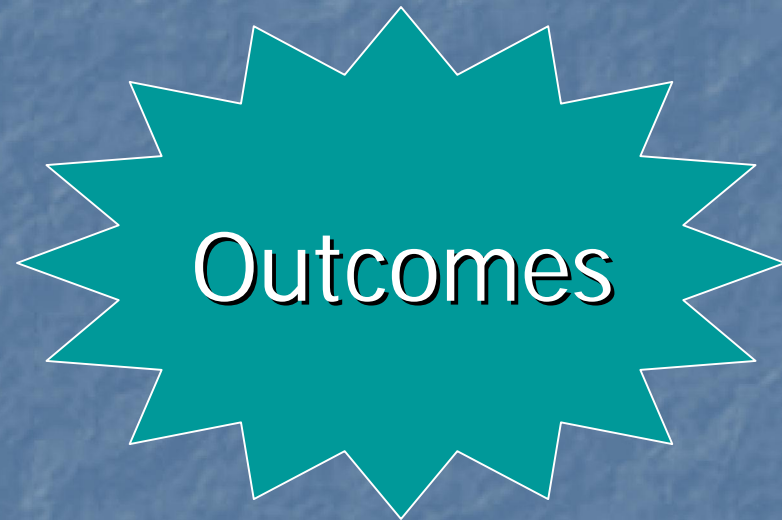
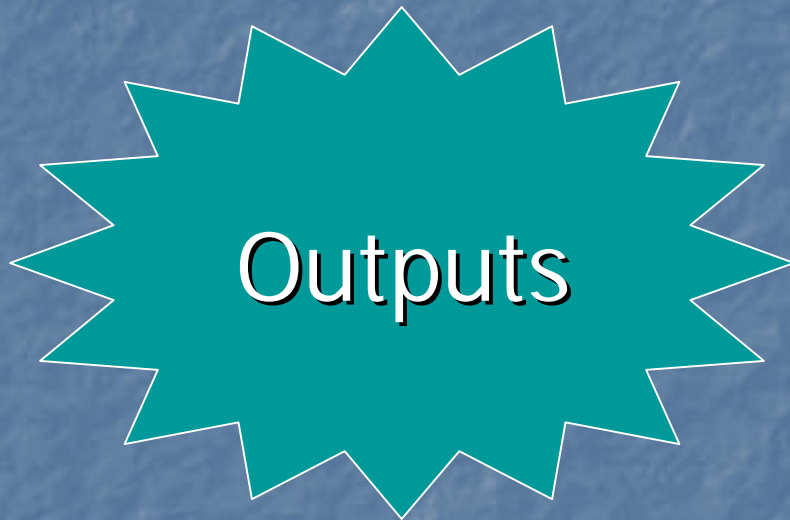
Performance
Evaluation and
Comparison of
Trends



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Outcomes & Outputs of LEDO





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Outputs

Database

Website

CD Rom





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Outcomes

National
& international
Reports

Land Cover
land use map

Knowledge &
information
exchange network



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Lessons learned

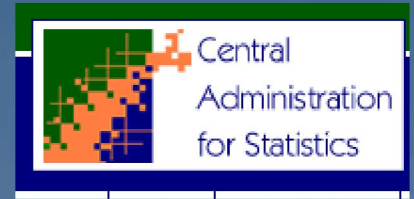
Missing data on
some indicators

Lack of geographic
distribution data

Risk of
unsustainability



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Challenges

Intrinsic

Crosscutting
themes

Unavailability
of resources

Different
data sources

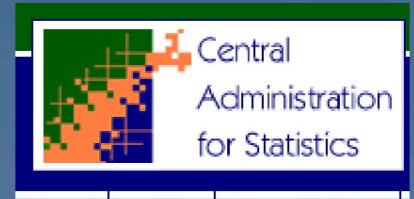
Extrinsic

International
reports

Definitions &
terminology



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Recommendation & Conclusion

- n LEDO information system → the infrastructure of environmental statistics
- n Good example of collaboration between stakeholders in environmental statistics
- n Mainstreaming of environment & development in CAS surveys (in coordination with MoE)
- n Role of international organizations