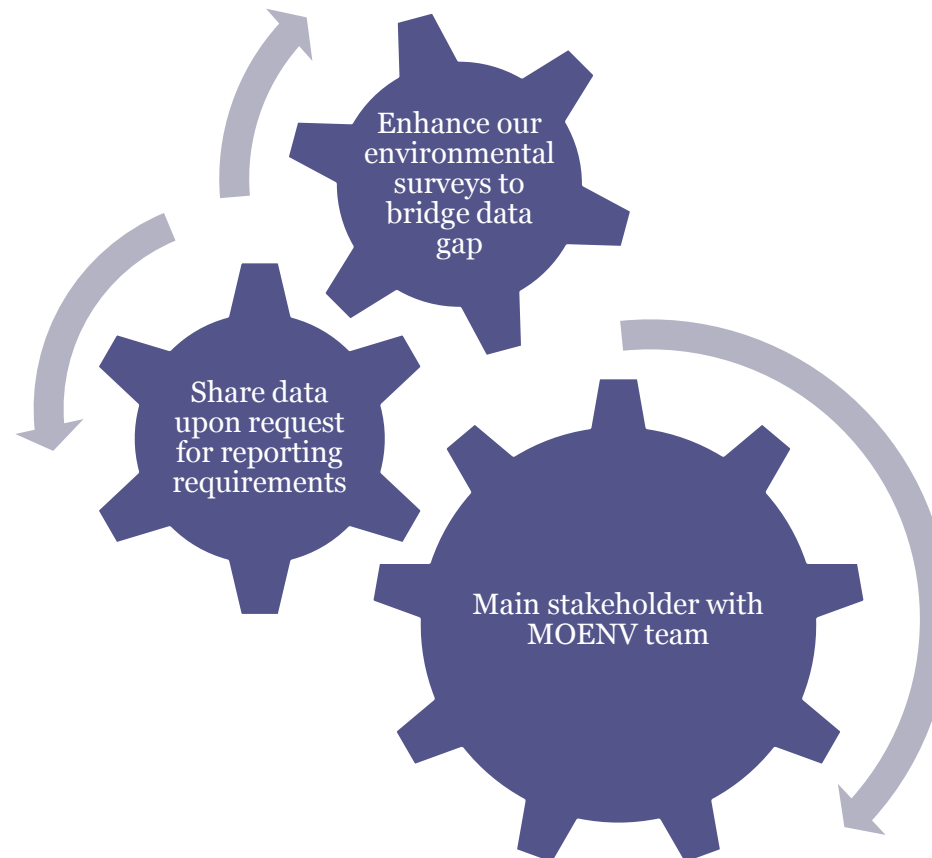


Workshop on Environment Statistics and Information on Sustainable Development for Arab Region

Experience with UNSD Pilot
Survey on Climate Change
Eng. Sona Abuzahra
Beirut, 12-16 November 2018

15/11/2018

Role of Environment Statistics Division



FDES



A tool help us to assess the sectors to be improved

Classification of Environment statistics

Definitions, units and data sources

GIZ role in MOENV.

GIZ is currently supporting the Ministry of Environment (MOENV)

for the implementation of the National Climate Change Policy

enhancing inter-sectoral coordination between national stakeholders involved in the implementation of the Policy. Through:

Developing a strategic roadmap for inter-sectoral coordination

Capacity Needs Assessment for National Stakeholders

strengthening the capacity of the newly established climate change directorate

Reporting on Climate Change

1994

- Initial Communication Report under the UNFCCC
- CO₂ emissions from Energy sector(IPCC Reference Approach 1994)
- GHG Agriculture, Liquid Waste Treatment Plants, Domestic Solid Waste

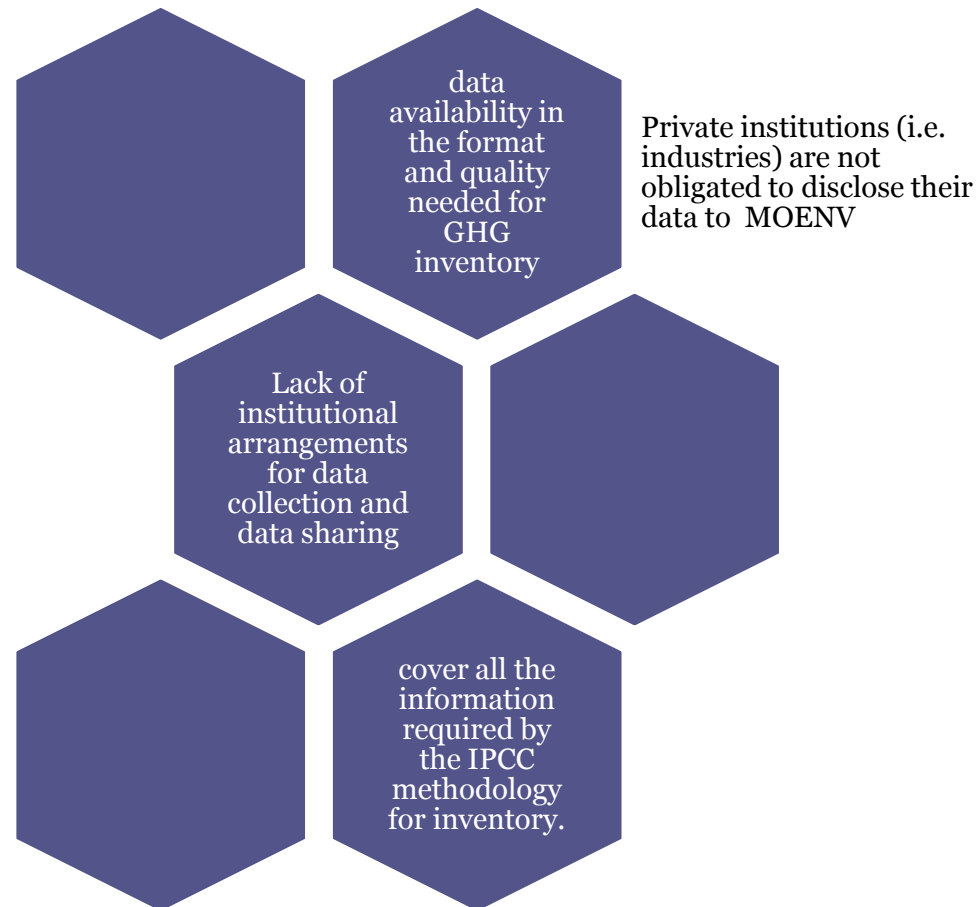
2000

- Jordan's Second National Communication to UN Convention on Climate Change
- GHG Inventory, Mitigation, Vulnerability and Adaptation, Gaps and Constraints

2006

- Jordan's Third National Communication to UN Convention on Climate Change
- GHG emissions in base line scenario, Mitigation scenarios 2006-2040, means of implementations

Data Gaps



Needs to Address the Identified Problems and Constraints

- Develop a GHG inventory data system aiming at collecting data in the needed quality and format. This system should include institutional arrangements to facilitate data collection and sharing among the various national institutions. Also, this system should include a legislative framework to obligate private sector to report the required data.
- Conduct surveys, studies and scientific research aiming at developing disaggregated activity data and emission factors needed for the GHG inventory
- estimation with special focus on key emission sources

Needs to Address the Identified Problems and Constraints

- Conduct studies with regional cooperation aiming at developing regional emission factors.
- Develop the local capacities in using the new guidelines, methodologies, tools and software.
- Secure and mobilize financial resources to address the above mentioned needs.

Jordan Response to CC Survey

Available Indicators:

- Special meeting with MOENV is conducted to respond to all survey indicators
- The indicators classified into 3 categories according to the level of data availability (Tier)

Jordan Response to CC Survey

Available Indicators:

- Total Primary Energy Supply (TPES)
- Share of fossil fuel in TPES
- Total support of fossil fuel/GDP (To be calculated)
- Energy Consumption by household/capita
- Total GHG emissions
- Change in Water Use efficiency over time

Jordan Response to CC Survey

Available Indicators:

- CO₂ Emission from fuel combustion
- GHG Emission from Land Use
- Annual average surface temperature
- Level water Stress
- Occurrence of extreme weather events
- Number of death attributed to hydro-metrological disasters (?)
- Direct Agriculture loss attributed to hydro-metrological disasters

Jordan Response to CC Survey

Available Indicators:

- Renewable energy share in final energy consumption
- Share of climate change mitigation expenditure in GDP
- Share of energy and transport taxes in total taxes
- Proportion of population living in dwelling with air conditioner

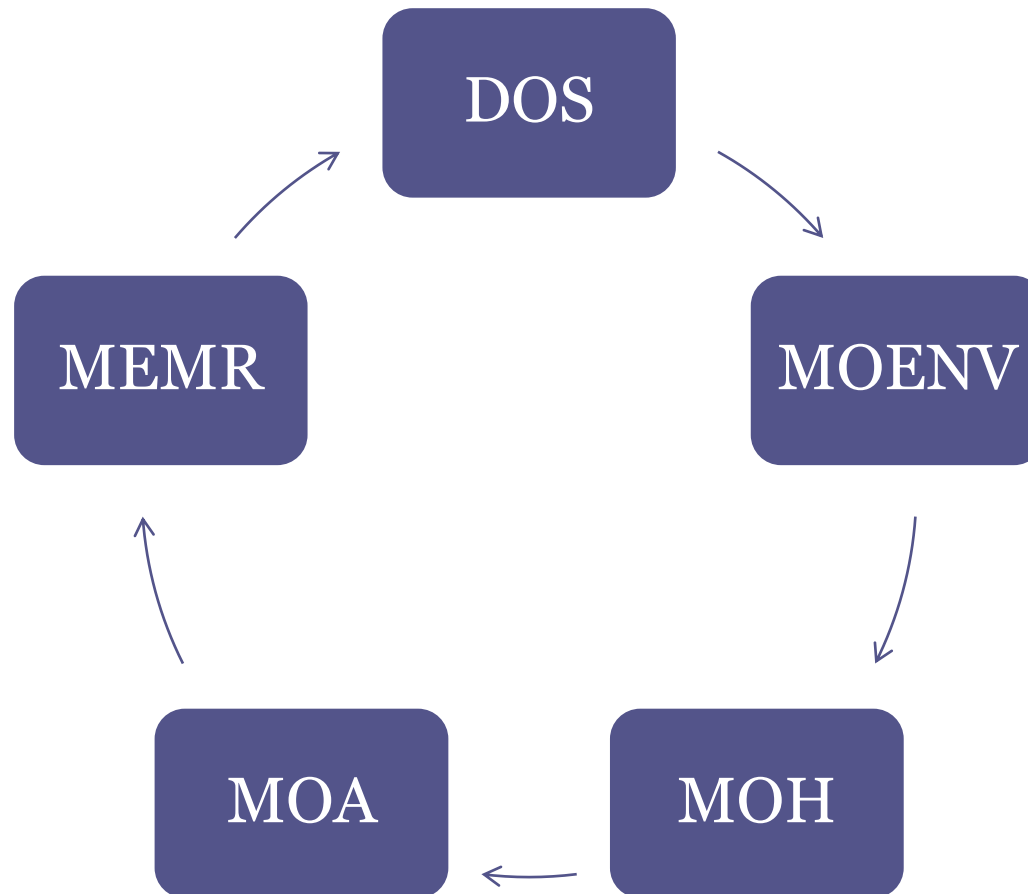
Some Area with no Strict Definitions

- Sustainable forest Management
- Sustainable Agriculture Area under Productive and Sustainable Agriculture

Not Available Data

- Proportion of degraded land over time
- Carbon Stock in Soil
- Standard precipitation Index
- Carbon footprint (?)
- GHG emission intensity of production activities
- Losses of land covered by semi-natural vegetation

Main Data sources for cc indicators



Remarks

- Available indicators are fully mature
- The responsible agency for dissemination of SDGs is DOS
- Calculation must be done with strong coordination and agreement of the responsible agency (ex. MWI,...)
- Jordan is a pilot country in implementation of SDG6

Challenges

- Enhancement of the environmental surveys to have physical data on activity level (ISIC)
- Insufficient data related to (LULUC, transport and solvent sectors)
- The data is available to calculate some indicators but until now we didn't calculate them (ex. Of mitigation expenditure.....)
- Restricted Financial resources

Updates

- Restructuring of organizational structure of DoS to include some new units:
- **Sustainable development unit:** To coordinate with different National, regional and global organizations to implement SDGs Indicators
- Reporting on SDGs
- Assessment of available data for computing indicators, data gaps, and opportunities

Update

- **New unit on data management:**
- Great coordination with this unit to achieve the highest # of indicators
- Help in providing us with data from different stakeholders

National Statistical Strategy (NSS)

- **The goal of the new organizational structure is to:**
- Support the implementation of the (NSS)
- Support different statistical units in calculation of the SDI
- Auditing
- Bridge data gaps with support from international organizations

Opportunities

- High cooperation level with international organizations
- Work is developed and ongoing
- National Statistics Strategy (NSS)

Thanks For Your Attention
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