National indicator initiatives and its linkage to SEEA: India Experience
Implementation of FDES and SEEA-CF

Available at

http://www.mospi.gov.in/publication
SDGs, FDES and SEEA-CF

- Almost half of the SDG targets require environment statistics in order to be able to compile its indicators and enable regular monitoring of progress.
- FDES 2013 and SEEA have a strong linkage with the SDG indicator framework.
- 79 Global Indicators and 116 National Indicators relate to Environment addressing the various targets of SDGs.
- In the context of SEEA, several indicators can be compiled from SEEA accounts.
SOME ILLUSTRATIONS
Illustration-1

- **Target 6.6:** By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes
  - *Global Indicator 6.6.1: Change in the extent of water-related ecosystems over time*
  - *National Indicator 6.6.3: Biological assessment information of surface water bodies.*

- Proposed to be derived from quality accounts prescribed under SEEA Water.

- **Present Status:**
  - Efforts underway for working out the methodology for assessment of water quality for surface/ground/marine water along with parameters, their weights and standards/permissible limits.
  - Methodology for development of WQI and accounts are in the final stage.
Illustration-2

- **Target 11.7**: By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities
  - **Global Indicator 11.7.1**: Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities
  - **National Indicator 11.3.2**: Share of Mixed Land Use Area in overall city land use
  - **National Indicator 11.7.1**: Per Capita Availability of Green Spaces
  - Proposed to be derived from SEEA Urban Ecosystem Account.

- **Present Status:**
  - Data obtained under National Urban Information System of the National Remote Sensing Centre is being examined for compilation of select urban areas.
Target 15.2: By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally

- Global Indicator 15.2.1: Progress towards sustainable forest management
- National Indicators
  - 15.2.1: Percentage change in Forest cover
  - 15.2.2: Total area covered under different afforestation schemes
  - 15.2.3: Total tree cover achieved outside forest area
- Related to SEEA – Forest Ecosystem Account

Present Status:
- Information is already part of the publication on Environment statistics; will be incorporated into Forest Accounts
Target 15.3: By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world

- *Global Indicator 15.3.1: Proportion of land that is degraded over total land area*

- *National Indicator 15.3.1: Percentage of degraded area*

Proposed to be derived from SEEA Land Account and soil condition account.

Present Status:

- Land degradation Atlas 2011-13/ NRSC LULC 2011-12 is available. Land degradation atlas and LULC 2015-16 are being release shortly.

- India is also participating in the exercise of developing soil condition account using the S-World model developed by Wageningen University, Netherland.
**Target 15.3:** By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development

- *Global Indicator 15.4.2: Mountain Green Cover Index*
- *National Indicator 15.4.1: Increase in forest / vegetative cover in hilly districts*

- Proposed to be derived from SEEA Forest Accounts

**Present Status:**

- Information is already part of the publication on India State of Forest Report; will be incorporated into Forest Accounts
**Target 14.1:** By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution

- **Global Indicator 14.1.1:** index of coastal eutrophication and floating plastic debris density (Still a Tier III indicator)
- **National Indicator 14.1.1:** Coastal Water Quality Index

- Proposed to be derived from quality accounts prescribed under SEEA Water.

**Present Status:**

- Efforts underway for working out the methodology for assessment of water quality for surface/ground/marine water along with parameters, their weights and standards/permissible limits.
- Methodology for development of WQI and accounts are in the final stage.
Thanks