



System of
Environmental
Economic
Accounting

SESSION 7A: ADVANCES IN SCENARIO MODELLING USING ECOSYSTEM ACCOUNTS

2019 Forum of Experts on SEEA Experimental Ecosystem Accounting
Glen Cove, NY, 26-27 June 2019



United Nations

Project Workstreams

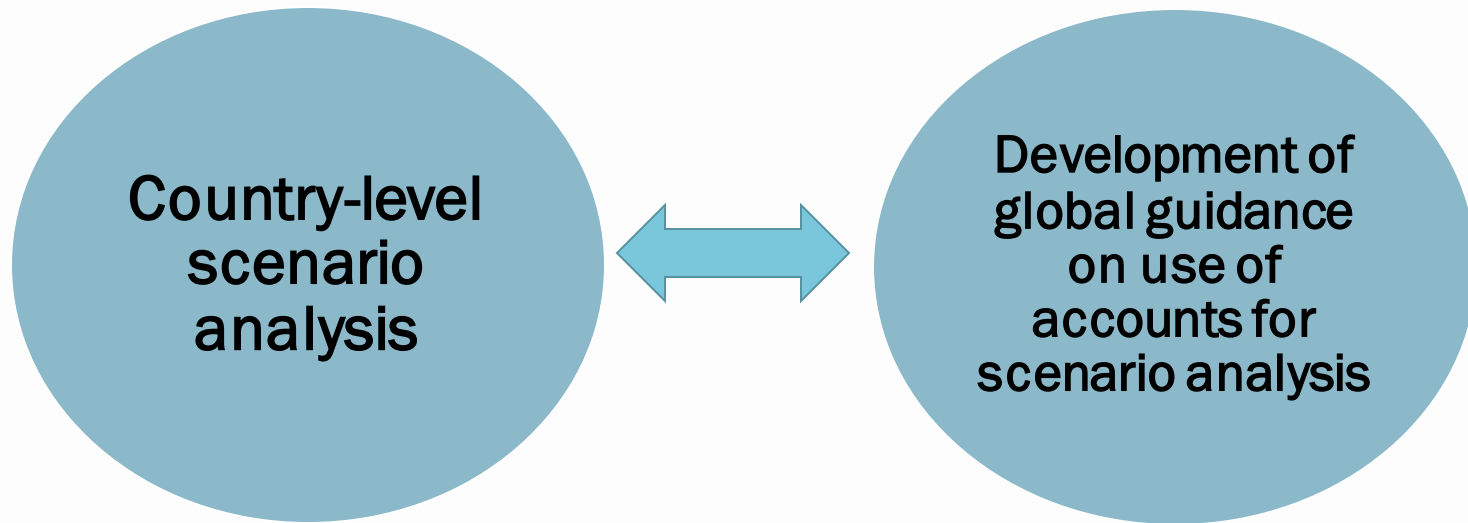
- Piloting ecosystem accounts in physical and monetary terms
- Developing guidelines and methodology
- Indicators
- Business accounting
- Communication and outreach
- Training and capacity development
- **Scenario analysis for policy options**

Motivation for Scenario Analysis

Project deliverable: analysis of how different policy choices impact ecosystem services both in physical and monetary terms.

- Inform or influence the selection or adaptation of environmental policy
- Demonstrate the applicability of the SEEA-EEA accounts
- Demonstrate the applicability of different modelling techniques for policy scenario analysis, drawing on the accounts
- Contribute to the mainstreaming of the use of environmental and ecosystem accounts in local/provincial/national level policy-planning and implementation

Policy Scenario Analysis workstreams



Valuation of Ecosystem Services: Global guidance and country-level work

Key Features of Scenario Analysis

- Policy should be ‘live’ – actively under development or amendment
- Policymakers benefit from additional information
- Clear distinction between “policy on” and “policy off” situations
- Consider the drivers of business-as-usual
- Use core ecosystem extent, ecosystem condition, ecosystem service accounts



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