Federal Statistical Office of Germany



11th London Group Meeting – Johannesburg, 26-30 March 2007

Note on the proposed structure of the revised SEEA

Karl Schoer Federal Statistical Office Germany, Environmental-Economic Accounting



Relevance: a characteristics of statistical quality

It should be demonstrated in the handbook that SEEA contributes to major environmental questions

Such issues of high political relevance are:

-<u>Climate change:</u> should be addresses in all relevant chapters of the new SEEA

-<u>Sustainable development</u>: it should be explained how the expanded accounting system can support sustainable development policy



Climate change in the new SEEA

Part I Statistical Standard

Chapter in the SEEA	Examples for addressing climate change
Physical flow accounts	specific sections on energy and green house gas emissions, bridge tables to other reporting systems, coherence of energy and emission data
Environment related activities and products	environmental expenditure and environmental taxes related to energy or green hous gases, tradable pollution rights
Balance sheets for natural resources	green house gas potential of the stock of non-renewable energy sources
Monetary adjustments (depletion)	not applicable



Climate change in the new SEEA

Part II Experimental accounts

Chapter in the SEEA	Examples for addressing climate change
Valuation techniques for environmental degradation	techniques for the valuation of green house gas emissions by the damage cost and the maintance cost approach (including greened economy modelling)
Monetary adjustments for degradation	monetary adjustements based on different valuation techniques for green house gas emissions
Others (e.g. physical accounts for land, climate system,hydrological system, other eco-systems)	physical description of climate change and the impacts of climate change on human systems (if possible)

Part III Applications and policy uses

Systematic description of the relationship between policy making and accounting	
Country experiences	examples related to climate change



Sustainable development in the new SEEA

To be addressed in part III of the manual

- section one (systematic description of the relationship between policy making and accounting)
- and section two (country experiences)

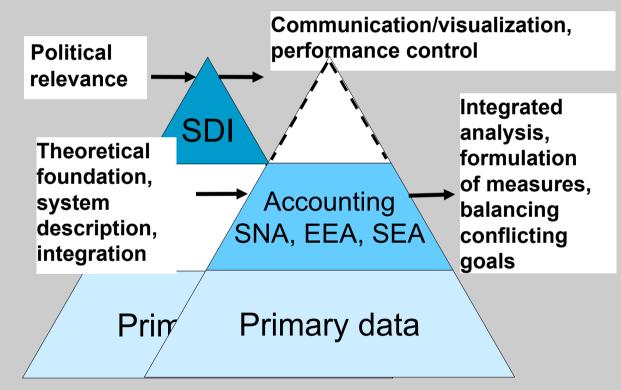


Two separate worlds to be merged **SD-Indicators** Accounts Communication/visualization, performance control **Political** relevance Integrated SDI analysis, Theoretical formulation foundation. of measures, Accounting system balancing description, ŚNA, EEA, SEA conflicting integration goals **Primary data** Primary data



Two separate worlds to be merged

SD-IndicatoAscounts

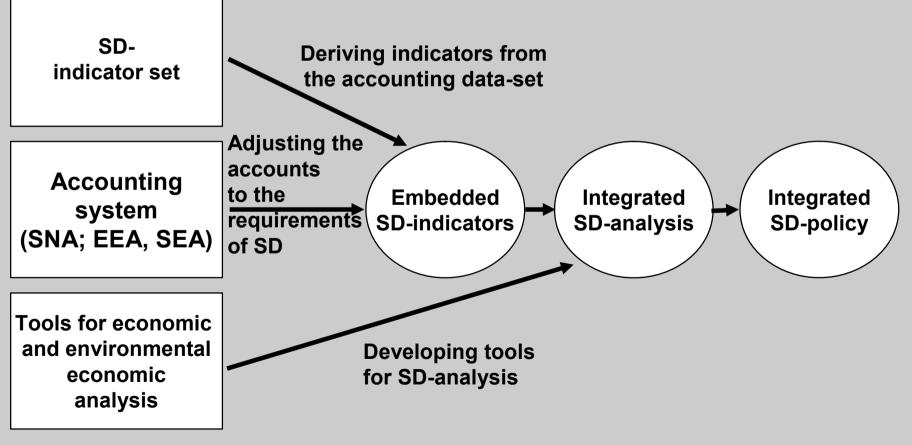




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The way forward: Strategy for an integrated sustainable development analysis and policy





SEEA: the international standard system and national extensions

Modules of the international system							
Standard accounts				Experimental accounts			
Physical flow accounts	hysical Environ- Physical Monetary ow mentally stock stock				Physical stock accounts (degra- dation)	Monetary stock accounts (degra- dation)	

Specific national modules (German example)								
	and enviro-		households and environ-	Socio- economic accounting system				



Questions to the London Group

- 1. Should the SEEA specifically address the issues of climate change and sustainable development?
- 2. Do you agree that climate change will be addresses throughout the handbook?
- 3. Do you agree that the issue of sustainable development should be a major point for a systematic description of the relationship between policy making and the accounting system?

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Thank you!