

SEEA Implementation

South Africa

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DDG: Economic Statistics, Stats SA



@StatsSA



The need for SEEA



- Increased global recognition of the importance of ecosystem services in human and economic activity
- Many countries have started experimenting with the SEEA Experimental Ecosystem Accounting
- SEEA applies accounting concepts to environment statistics coherent with the SNA

System of Environmental-Economic Accounting 2012 Experimental Ecosystem Accounting



Why Stats SA?



- Statistical office must ensure that environmental, social and economic information are appropriately integrated
- Statistics Act (Act No. 6 of 1999) revision: provide legislative support to government bodies as producers of statistics outside Stats SA
- Dwelling frame and georeferencing can be expanded to include a spatial frame for environmental data

VOL 406		CAPE TOWN, 21 APRIL 1999	No. 19957
		KAAPSTAD, 21 APRIL 1999	
OFFICE OF THE PRESIDENT		KANTOOR VAN DIE PRESIDENT	
No. 489.		21 April 1999	No. 489. 21 April 1999
It is hereby notified that the President has assented to the following Act which is hereby published for general information:—		Hierby word bekend gemaak dat die President sy goedkeuring gegee het aan die onderstaande Wet wat hierby ter algemene inligting gepubliseer word:—	
No.6 of 1999: Statistics Act. 1999.		No. 6 van 1999: Wet op Statistieke, 1999.	

Moving forward: Data, standards and classifications



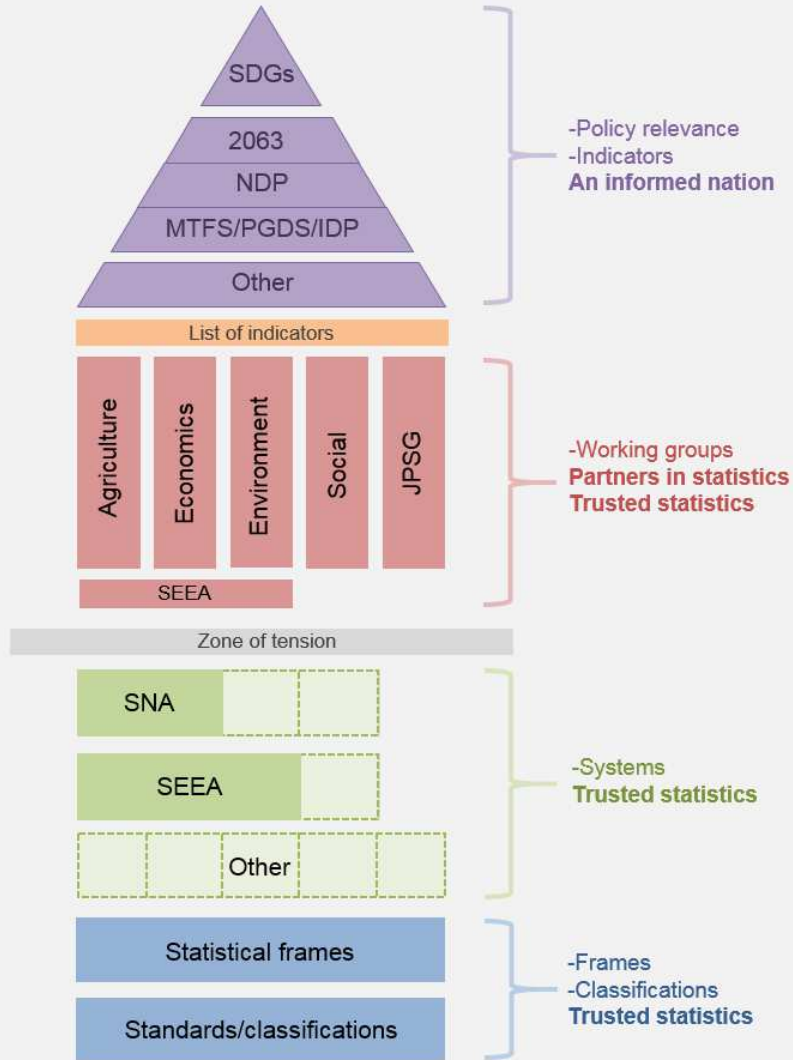
- Harmonisation
 - National GHG inventory system
 - Single National Entity (SNE)
 - Harmonisation of statistical tools should be aided by metadata driven statistical production and architecture (e.g. SANEIM)
- Will these be sufficient on a regional or national scale?
 - Land Cover Classification
 - National Ecosystem Classification System
- Metadata: spatial data and metadata use ISO 9000 and ISO 14000
- Energy balances: International Energy Agency
- Stats SA: ISIC and SIC

Moving forward: coordination

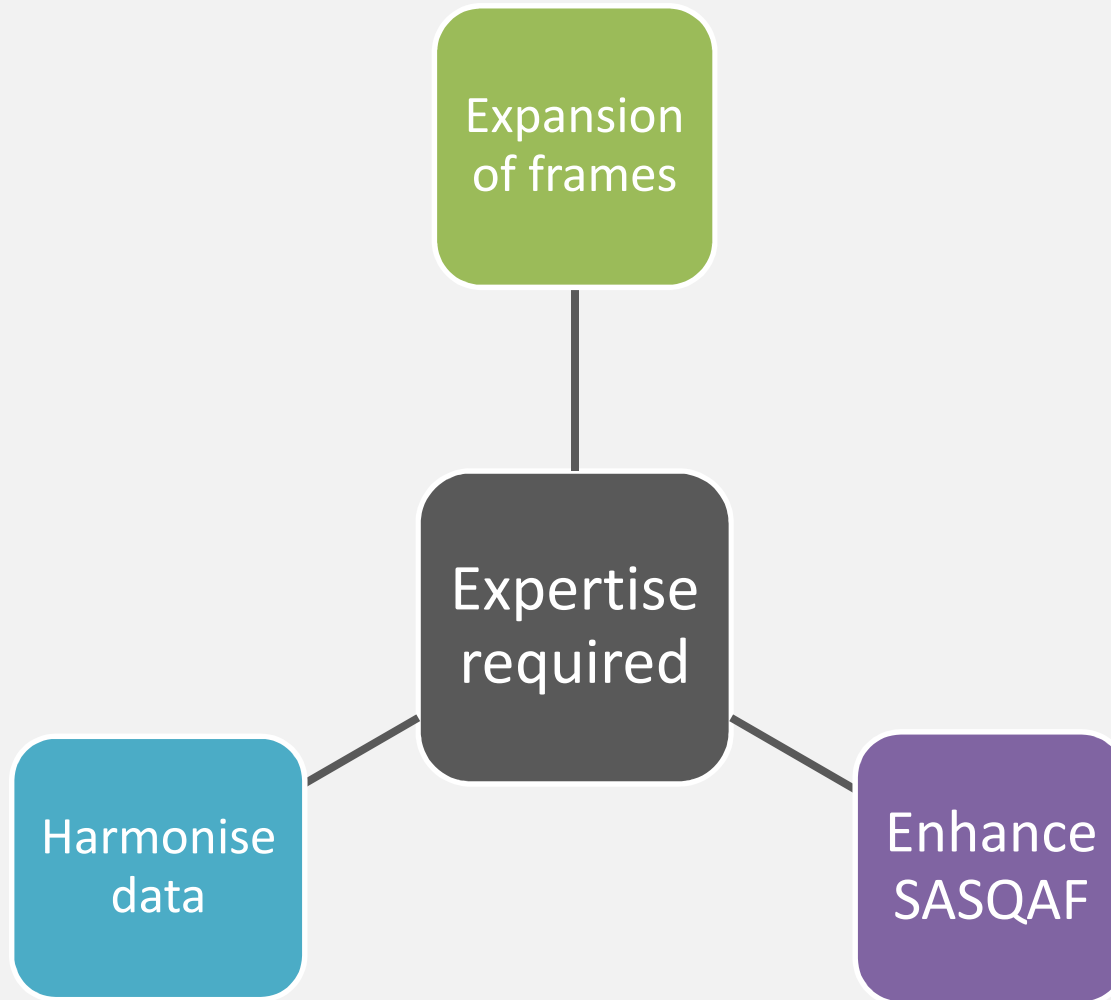


- Stats SA is moving towards coordination in terms of sustainable resource management
- Create a SEEA working group across government
 - Goal would be to ensure coherence of data and appropriate integration of spatial data indicators
 - Creating a National Sustainable Development Information System across the NSS would be a step towards:
 - One system (the NSS)
 - One method (the SEEA)
 - One data (the information system)
 - One map (geospatial system)

Moving forward: coordination



Moving forward: capacity building



Moving forward: capacity building



- Capacity building required for
 - Development of Water Accounts for South Africa
 - Ecosystem accounting initiative with SANBI (land accounts)
 - Assess spatial metadata held by DRDLR
 - Assess metadata compiled by SANEIM/SAEON
- Training on software packages and tools (e.g. UN's Global e-learning initiative)

Thank you