

**1<sup>st</sup> Day – 15 April 2016:**

## **International Statistical Processes for Country analysis and reporting**

This is the introductory presentation to the overall course. It focuses on highlighting the importance of statistics for informed national decision-making and planning, and thus on the need to develop strong methodological and institutional capacity for countries to meet existing challenges in collecting, analysing, storing and reporting credible, reliable, accurate data that can be transparently communicated nationally and internationally. The presentation underlines the need for better coordination at institutional and methodological level, with the need to integrate environmental and socio-economic statistics as a basis for improved relevance of statistics evidence-based decision making. The Rio Sustainable development process with its three conventions on climate change, desertification and biodiversity are identified as an ideal platform for integration, considering the many national agencies participating as focal points in many of these processes, in particular in production of relevant statistics and their reporting internationally.

# International Statistical Processes For country analysis and reporting

15 –17 April 2016, Kampala, Uganda

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ENVIRONMENT – TEAM  
FAO STATISTICS DIVISION



# Outline

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- National Statistical Processes
- Challenges and Opportunities for National and International Reporting
- Sustainable Development Processes and the need for data and institutional coherency
- Conclusions

# Importance of Statistics

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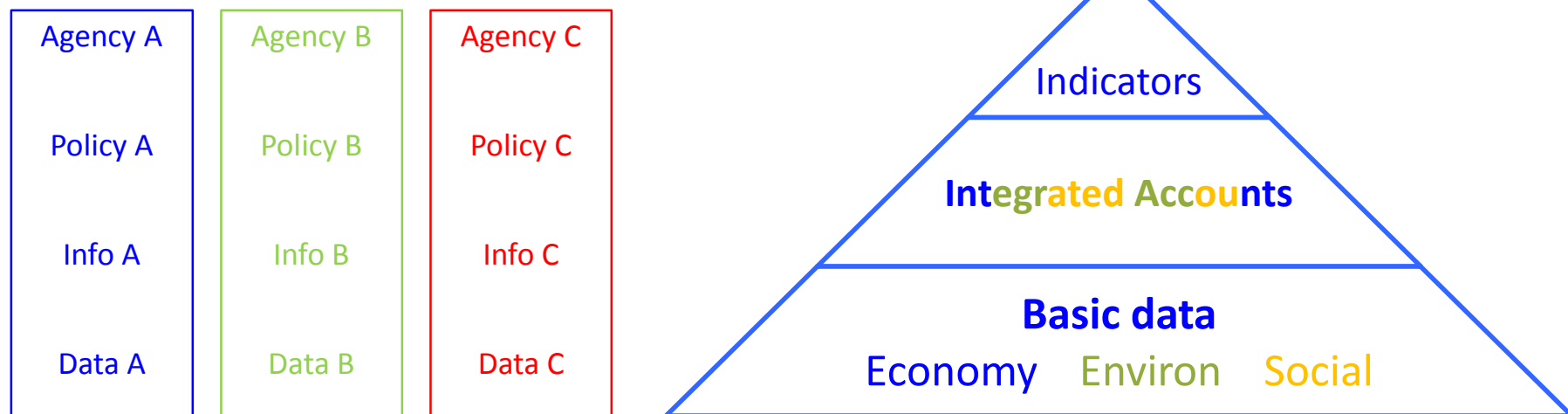
- Statistics are a fundamental instrument at national and international level, needed for **informing decision-making and planning** through the provision of reliable and timely data
- Transparency, Accuracy, Comparability, Completeness and Consistency of statistical data are necessary for national analysis and dialogue across all relevant National Agencies involved with planning and decision-making. Coordination of a good National Statistical System is typically with the National Statistical Office
- **Good Statistics enable Monitoring and Reporting of** progress towards national and international development goals and targets

# Challenges and Opportunities for National Statistics

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- **Technical challenges** refer to development and application of sound statistical methodologies for the collection, analysis, storage and reporting of good data, at national and sub-national level, including increasingly geo-spatial information
- **Institutional challenges** refer to the need to establish and maintain coordination across relevant agencies, each with defined mandates, often in competition for resources, and depending from different Ministries
- **Many opportunities** lie in the alignment to established, major international processes, in order to strengthen reporting to the international community and donors and progress on specific development goals and targets

# From Silo Approach to Integration



## National Opportunities in integrating statistics:

- Linking policy needs and statistics
- Understanding the institutional arrangements
- Integrated statistical production process/chain and services
- Consistency between basic data, accounts and tables and indicators

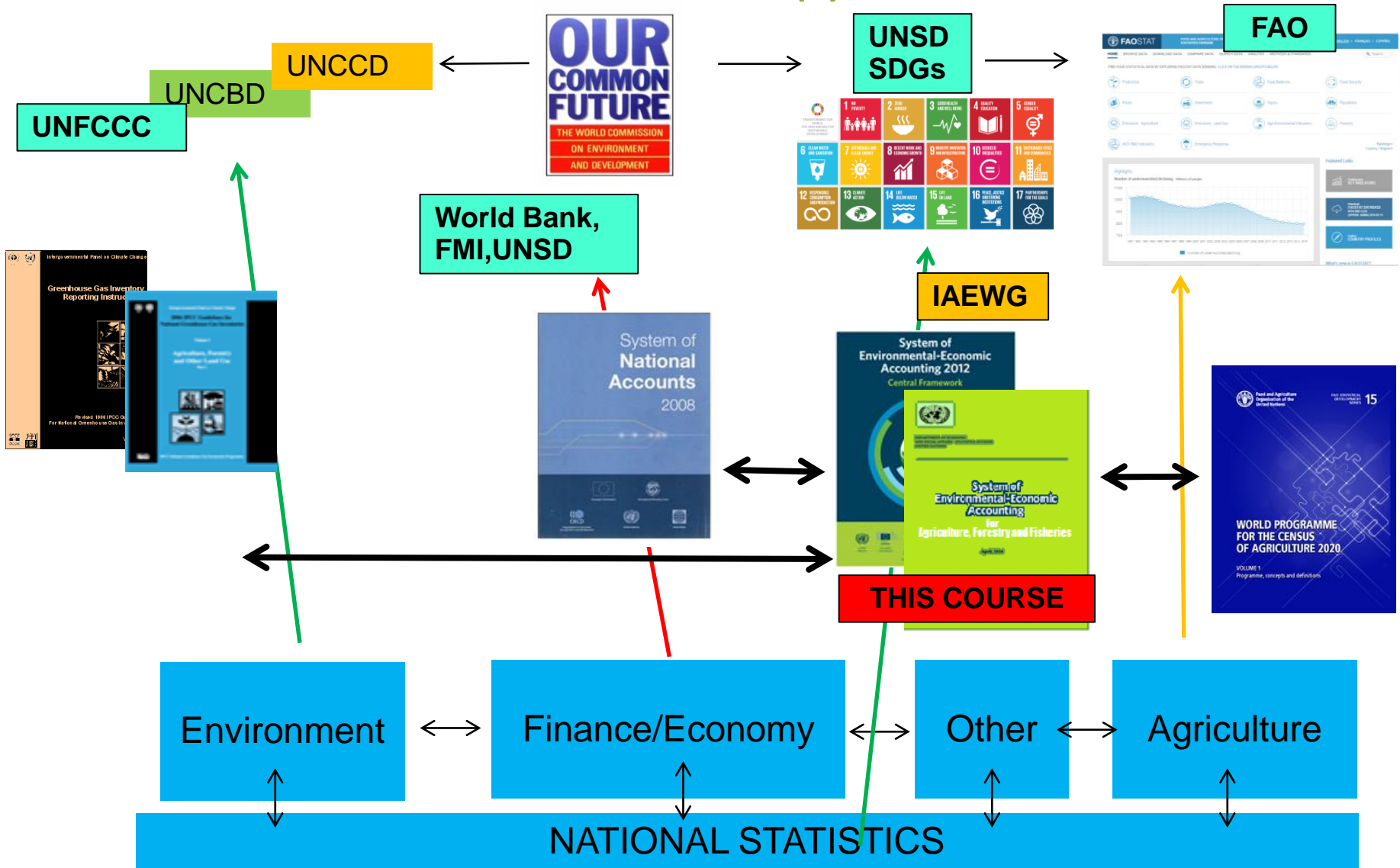
# The specific context of sustainable development

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## Integrated statistics:

- Enable analysis of the impact of economic activities on the environment and vice versa
- Identify the socio-economic drivers, pressures, impacts and responses affecting the environment
- Provide a quantitative basis for policy design, e.g.:
  - Productivity analysis
  - Natural resource management
- Support greater precision for environmental regulations and resource management strategies
- Provide indicators that express the relationships between the environment and the economy

# Rio Processes and Conventions: Opportunities for Statistics





# Broad spectrum of topics on food security and agriculture

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- Agriculture
- Forestry
- Fisheries
- Food security
- Soil, land and water resources and uses
- Climate and environment
- Nutrition, health and education
- Population, gender, poverty, rural development

**The international Agencies offer significant capacity development at country level across the Rio processes highlighted above**



# Key messages

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- Statistics fundamental in support to decision-making and planning
- Quality of national data and statistical processes, both technical and institutional is the basis for strong international statistics, databases and analysis tools
- Emerging mechanisms under the 2030 Development Agenda and the Climate Convention further increase the need for reliable, transparent and internationally comparable data
- Important role of capacity development towards improved environmental-economic statistics

# THANK YOU

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