

**African Conference:  
Transformative Agenda for Official Statistics**

**Libreville, Gabon  
November 2015**

**Opening Session**

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Statistics Division***



# **African Conference on Transformative Agenda for Official Statistics**

**United Nations Statistics  
Division**

**21 November, Libreville, Gabon**



## Drivers and Challenges

- 2030 Agenda for Sustainable Development
- Monitoring the Sustainable Development Goals indicators
- Demands for more detailed, high quality and timely geo-referenced data
- Making use of new and non-traditional data sources (administrative data, Big data etc.)
- Use of innovative technology for collection, processing and dissemination



## Development of a Transformative Agenda

### **Global Conference on a Transformative Agenda for Official Statistics (January 2015, New York)**

- High-level consultation of Heads of National Statistical Organizations and international statistical organizations
- Conclusions focusing on the components of a Transformative Agenda organized around 5 thematic areas

### **Statistical Commission 46<sup>th</sup> session, March 2015**

- Recognized the need for modernizing and strengthening the national, regional and global statistical systems
- Supported the implementation of the proposed Transformative Agenda



## Building on existing mechanisms

- 2063 Agenda and African Consensus
- High-level Group on the Modernization of Statistical Production and Services of the UN Economic Commission for Europe
- MOU Group on Statistics between UN and Multilateral Development Banks
- Value for Money project by OECD
- GWG on Big Data for official statistics
- Paris21
- International Statistical Fellowship Program of Statistics Canada
- Other bilateral, regional and multilateral initiatives and programmes ...



## Regional Conferences of Chief Statisticians /1

### Objectives and priorities

- promote and advance the implementation of transformation and modernization of global, regional and national statistical system
- improve coordination at and between the global regional and national programmes through selection of limited number of cross cutting issues and goals
- adopt common vision, business goals, statistical business architecture, statistical guidance and IT tools based on internationally agreed principles and standards enabling international and regional cooperation

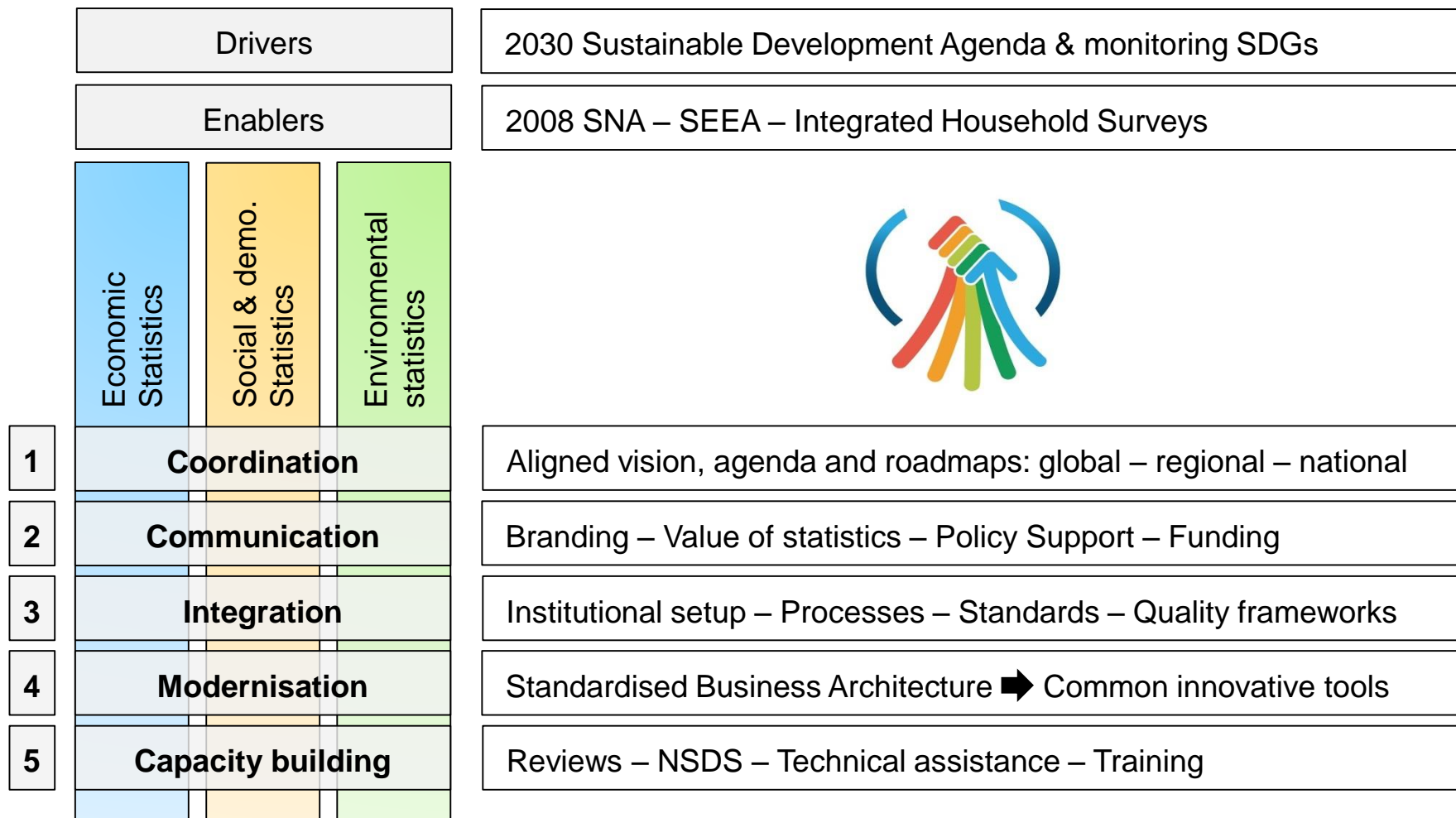


## Five thematic areas of the Transformative Agenda

1. Coordination at and between global, regional and national statistical systems
2. Communication and advocacy
3. Integrated statistical systems for data collection, processing and dissemination
4. Innovation and modernization through standards-based statistical business architecture
5. Training and capacity building



## Five cross-cutting thematic areas







## Coordination at and between global, regional national statistical systems

### Objectives and priorities:

- Development and mainstreaming of statistical standards
- Development of common innovative tools, techniques and methods based on common business architecture
- Alignment of technical cooperation activities
- Reduction of response burden to countries and avoiding duplication in international data collection
- Strengthening the governance structure of the global and regional statistical systems with user dialogues and partnerships
- Seeking partnership between the statistical and geo-spatial community
- Strengthening the NSDSs with national data compacts



## Communication and advocacy

### Objectives and priorities:

- Branding of official statistics to set it apart from other data providers
- Effective communication of the value and comparative advantages of official statistics to mobilize resources and support
- Sharing best practices, creating thematic communities
- Building partnerships and mutual trust across different entities and stakeholders in improving statistical systems
- Making use of modern communication tools including social media



## **Integrated statistical systems for data collection, processing and dissemination**

### **Objectives and priorities:**

- Creating an integrated national statistical system
- Moving away from traditional 'silo' approach of production units responsible for a single set of statistics
- Integrated organisation and management of specialized corporate services units for methodology, data collection IT services etc.
- Transforming institutional and governance arrangements
- Introducing innovations to incorporate non-traditional data sources and mainstreaming the use of administrative data as a data source of choice and priority



# Integrated Statistics Architecture

United Nations Statistics Division

**Economic Statistics**

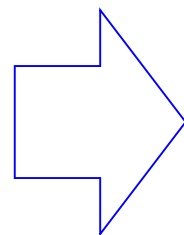
- IT processes etc.
- Dissemination
- Analysis
- Processing
- Surveys and Admin sources
- Registers and frames
- Meta-Data and Standards

**Social Statistics**

- IT processes etc.
- Dissemination
- Analysis
- Processing
- Surveys and Admin sources
- Registers and frames
- Meta-Data and Standards

**Environment statistics**

- IT processes etc.
- Dissemination
- Analysis
- Processing
- Surveys and Admin sources
- Registers and frames
- Meta-Data and Standards



Specialized corporate services

**Accounts and Indicators**

Economic Statistics    Social Statistics    Environment Statistics

**Methodology**

**Data Processing (IT)**

**Data Collection**

**Statistical Infrastructure**  
Standards and methods, SBR, Legislative mandates, etc.



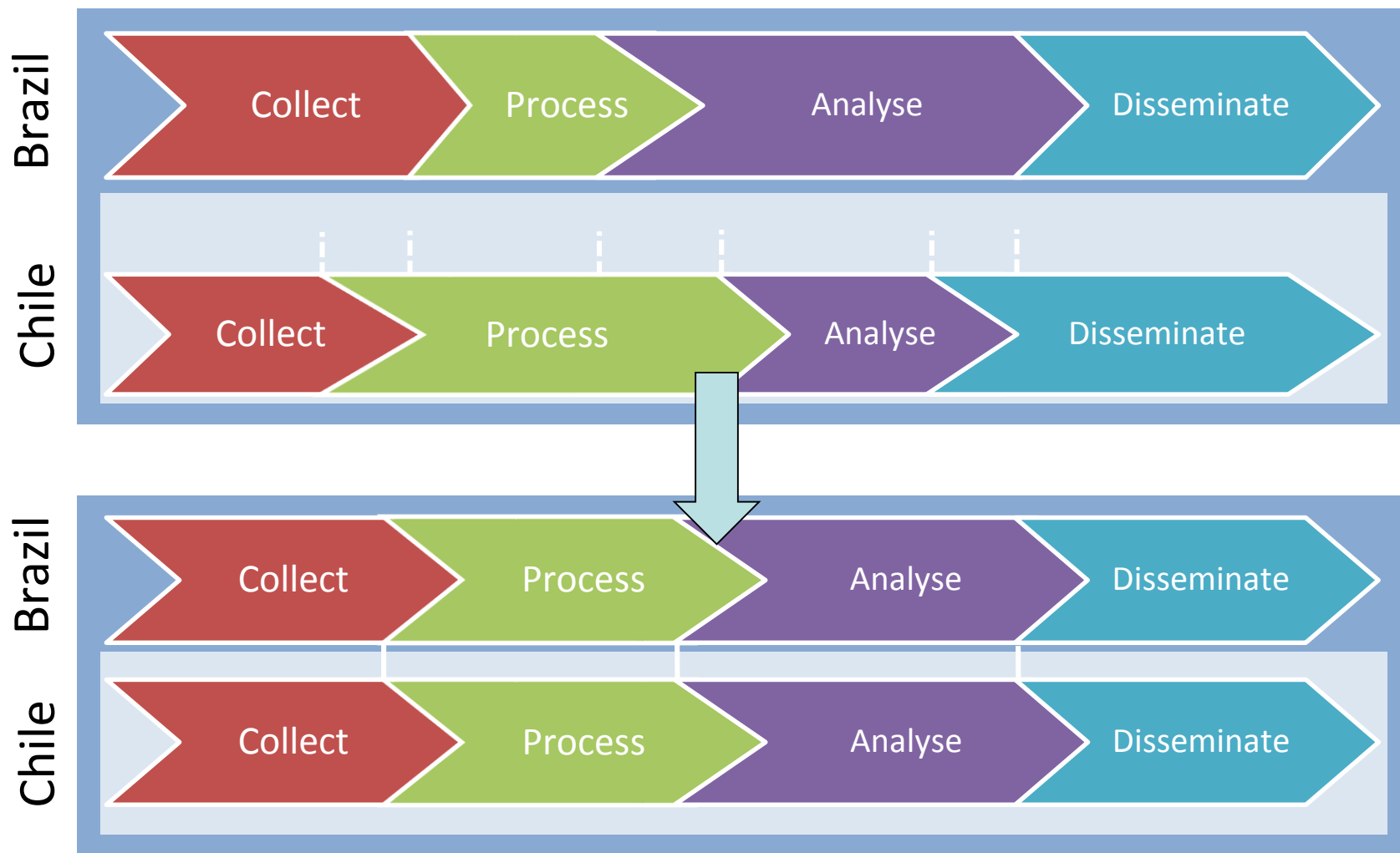
## **Innovation and modernization through standards-based statistical business architecture**

### **Objectives and priorities**

- Standardization of production processes within and across national statistical systems
- Application of the Common Statistical Production Architecture (CSPA) and Generic Statistical Business Process Model (GSBPM)
- Establishment of common national data and metadata portals, mainstreaming SDMX standards
- Harnessing the innovative and transformational power of ICT, application of mobile devices for data collection, data visualization tools
- Introduction of the open data concept, exploring practices of cloud computing for official statistics purposes



## Standards-based statistical business architecture





## Training and capacity building

### **Continuous investment in enhancing statistical capacity:**

- Managerial courses on change/project management
- Technical courses for statistical staff; e-learning opportunities
- Better coordination of support by bilateral and multilateral partner organizations

### **Broadening technical skills and knowledge base to enable:**

- Adjustment of the institutional and organizational framework of official statistics
- Reorganizing and re-engineering production processes
- Adapting to fast evolving technological environment



# Regional Conferences of Chief Statisticians

## Guidance

High Level Group on Coordination, Partnership (established by Statistical Commission) and Capacity Building and Regional Statistical Committees

## Expected dates

- African conference, 20-21 November 2015, Gabon
- Arab conference, February 2016
- LAC conference, April/May 2016
- Asia Pacific Conference, June 2016
- Conference for Transition Economies (EECCA/SEE), September 2016

## Reports to the Statistical Commission and regional statistical committees

- 2016, interim report
- 2017, final report, including concrete global and regional roadmaps for the implementation of the Transformative Agenda – and national road maps for pilot countries





Thank You