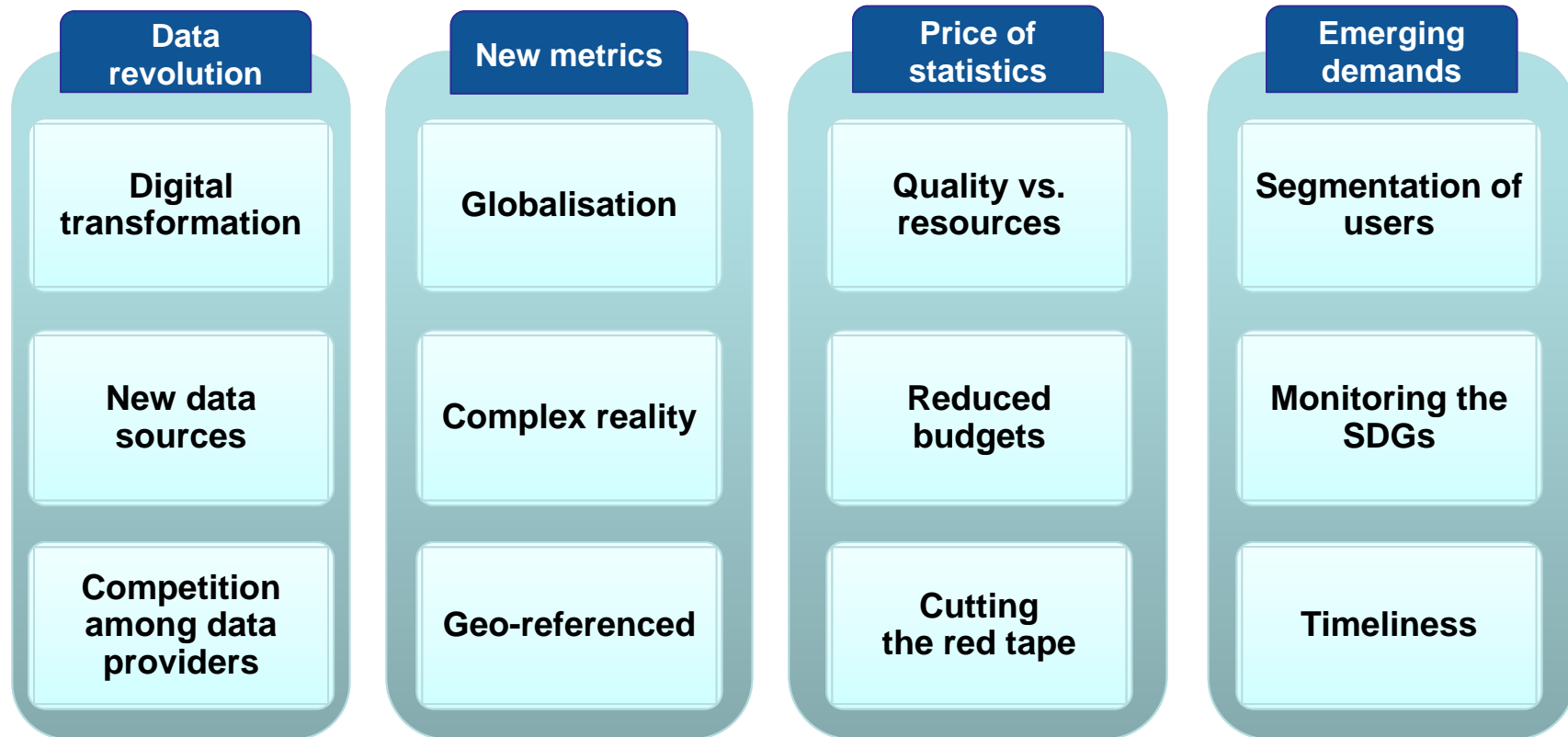*EECCA Conference*
Transformative Agenda for Official Statistics

United Nations Statistics Division

6-7 October 2016, Minsk, Belarus

Challenges/opportunities (inspired from ESS Vision 2020)

Data revolution	New metrics	Price of statistics	Emerging demands
Digital transformation	Globalisation	Quality vs. resources	Segmentation of users
New data sources	Complex reality	Reduced budgets	Monitoring the SDGs
Competition among data providers	Geo-referenced	Cutting the red tape	Timeliness

Development of a Transformative Agenda

Global Conference January 2015, New York

- High-level consultation of Heads of National and international Statistical Organisations

- Conclusions focusing on the components of a Transformative Agenda organised around <u>5 thematic areas</u>

Statistical Commission: 46th (2015) and 47th (2016) sessions

- Recognised the need for modernising and strengthening the national, regional and global statistical systems

- Acknowledged the progress achieved through various regional and national initiatives for the modernisation of official statistics

- Supported the implementation of the proposed Transformative Agenda for Official Statistics
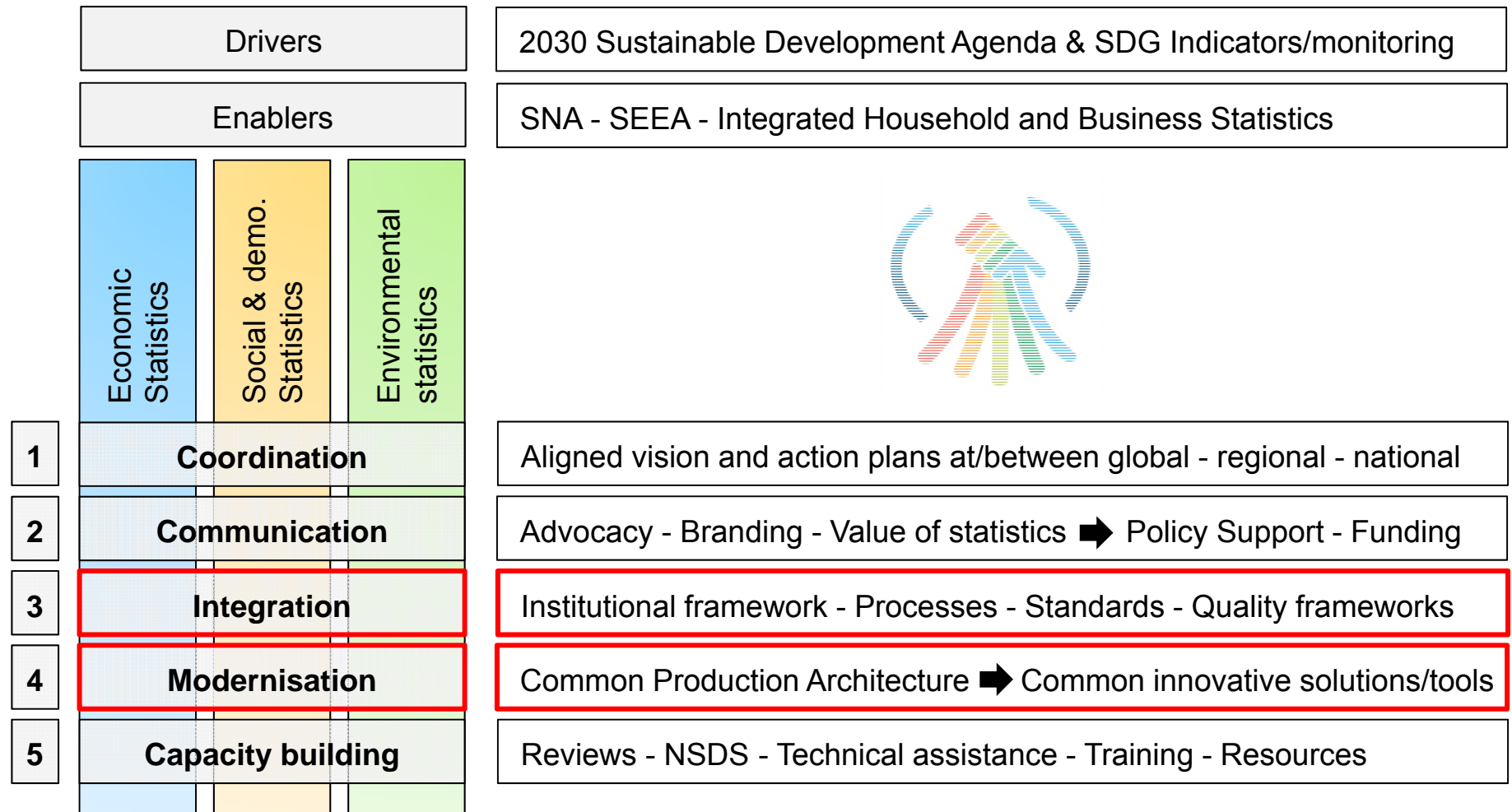
Objectives

- Promote and advance in a collaborative way the implementation of the transformation and modernization of global, regional and national statistical systems

- Develop and share a common vision, strategic areas, objectives and key actions enabling international and regional cross-fertilisation and synergy

Five cross-cutting thematic/strategic areas

Drivers	2030 Sustainable Development Agenda & SDG Indicators/monitoring
Enablers	SNA - SEEA - Integrated Household and Business Statistics

	Economic Statistics	Social & demo. Statistics	Environmental statistics	
1	**Coordination**			Aligned vision and action plans at/between global - regional - national
2	**Communication**			Advocacy - Branding - Value of statistics ➡ Policy Support - Funding
3	**Integration**			Institutional framework - Processes - Standards - Quality frameworks
4	**Modernisation**			Common Production Architecture ➡ Common innovative solutions/tools
5	**Capacity building**			Reviews - NSDS - Technical assistance - Training - Resources

Common Statistical Production Architecture (CSPA)

CSPA aims at:

- Sustaining the integration and standardization of production processes within and across national statistical systems

- Improving the agility of statistical systems to adapt to fast changing environment (flexibility & innovation)
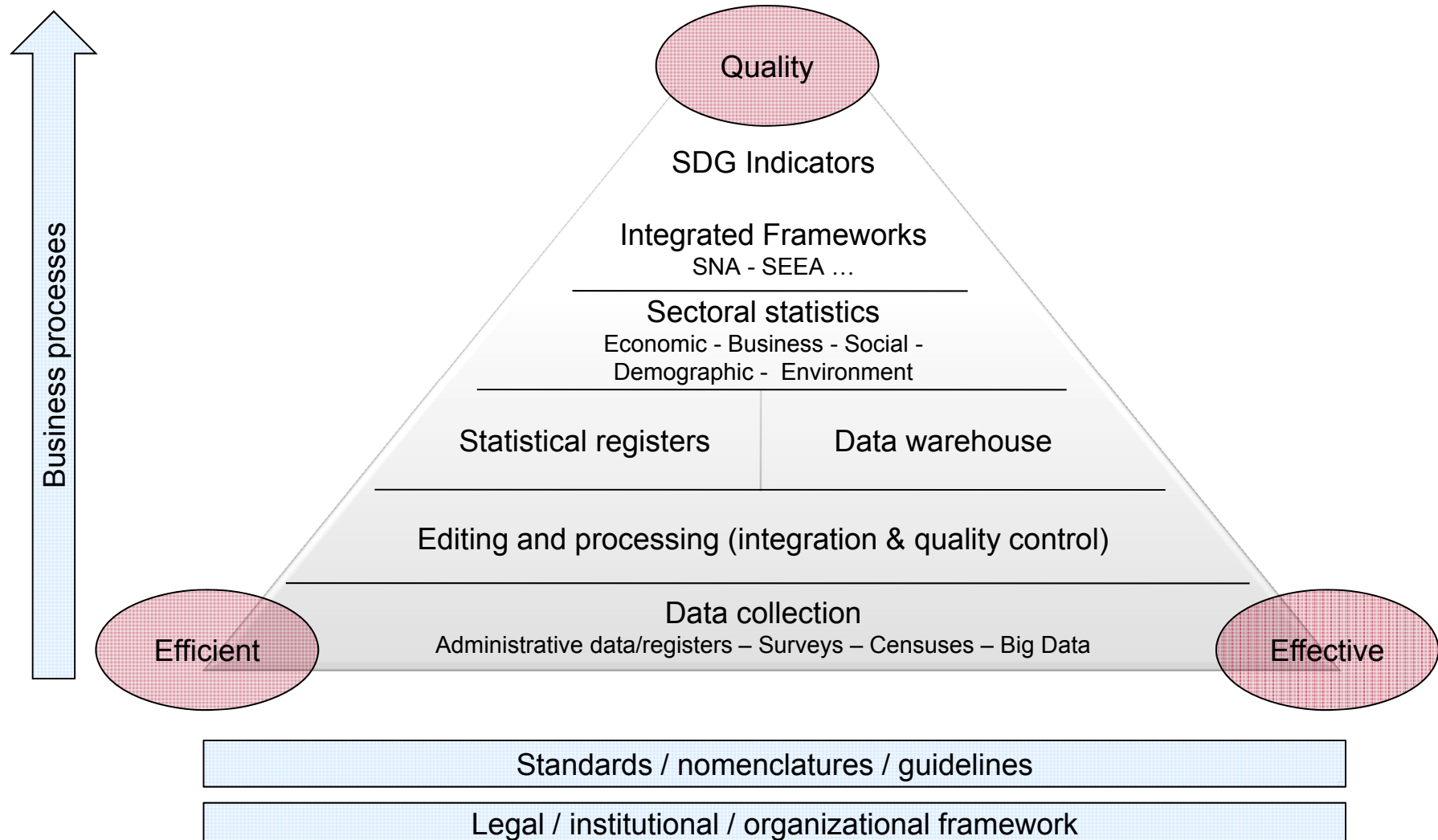
Integration & standardisation

- Stability and Repeatability

- Increased quality of final deliveries

- Enhanced coherence and comparability within and across statistical domains

- Reduced costs (efficiency) and burden on respondents

- Enhanced *corporate/institutional know-how* through documentation

Flexibility & innovation

- Ability to respond to different customer requirements

- Agility to adapt to the changing environment: data sources, technology …

- Development of common IT solutions, Pooling and sharing resources

- Inter-operability within and across national statistical systems
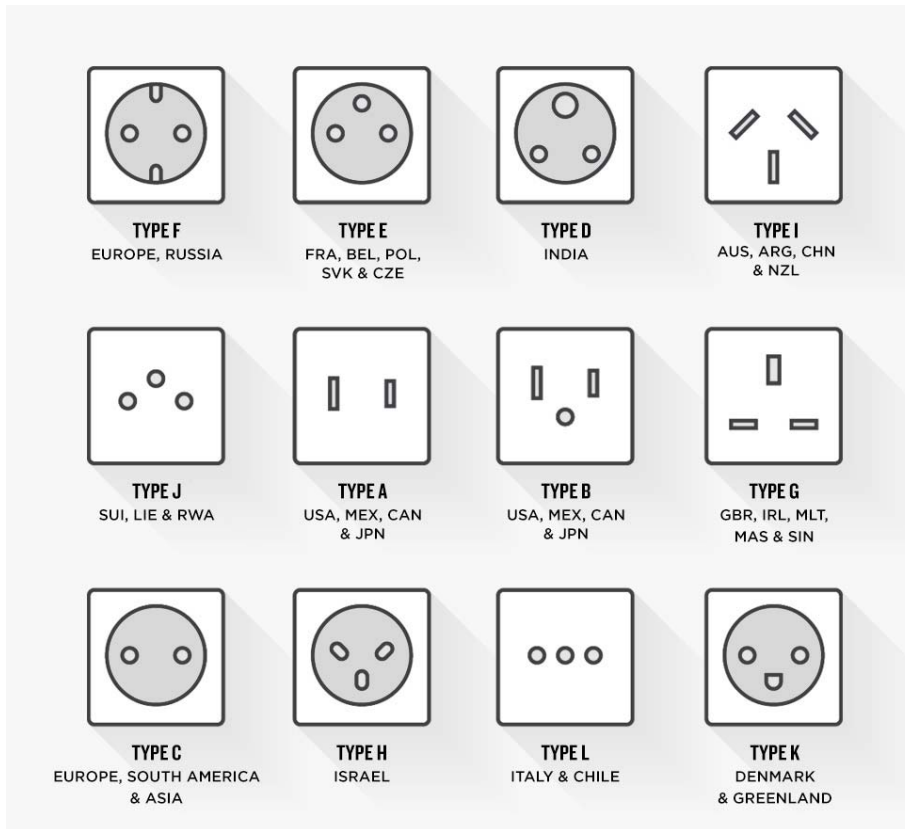
Integrated statistics

Business processes

Quality

SDG Indicators

Integrated Frameworks
SNA - SEEA …

Sectoral statistics
Economic - Business - Social -
Demographic - Environment

Statistical registers | Data warehouse

Editing and processing (integration & quality control)

Data collection
Administrative data/registers – Surveys – Censuses – Big Data

Efficient

Effective

Standards / nomenclatures / guidelines

Legal / institutional / organizational framework

Standardisation + Integration
≠ uniformity

→

Modernisation
Innovation & flexibility

TYPE F
EUROPE, RUSSIA

TYPE E
FRA, BEL, POL,
SVK & CZE

TYPE D
INDIA

TYPE I
AUS, ARG, CHN
& NZL

TYPE J
SUI, LIE & RWA

TYPE A
USA, MEX, CAN
& JPN

TYPE B
USA, MEX, CAN
& JPN

TYPE G
GBR, IRL, MLT,
MAS & SIN

TYPE C
EUROPE, SOUTH AMERICA
& ASIA

TYPE H
ISRAEL

TYPE L
ITALY & CHILE

TYPE K
DENMARK
& GREENLAND

Elements of the CSPA

GSIM	GSBPM
Fundamental Principles Code of Practice	Evaluate
Statistical Law/Act	Disseminate
Guidelines - Methodology	Analyse
Quality assurance frameworks	Process
Process documentation	Collect
Metadata	Design and build
Statistical programmes	Specify the needs
Business information	**Business Processes**

GAMSO

Management & corporate services

CSPA

Know-how

ICT solutions & services

Data sources

Other resources and infrastructures

Capability
Factors of production/input

CSPA: a shared vision for collaborative solutions

✓ Supporting the development and adoption of sound, and when relevant harmonized, business information models/systems at global, regional and national levels

✓ Enhancing gradually the integration and standardization of production processes within and across national statistical systems

✓ Improving inter-operability and exchange of know-how and technology within and across national statistical systems ➡ pooling and sharing of production factors

✓ Developing at global/regional level of cloud computing, corporate services and data repository (e.g. Big Data)

✓ Harnessing the innovative and transformational power of ICT and mobile devices (e.g. georeferenced data collection and data visualization)

✓ Setting up aligned training and development programmes at and between global, regional and national levels

✓ …

Considerations for session 1:

Measuring and communicating the value of statistics in support of the modernization and transformation of official statistics

- What are the characteristics of a successful and modern communication strategy?
- To what extent the national statistical systems are exploiting and promoting the comparative advantages of official statistics?
- What concrete measures need to be implemented in the short and medium term that could efficiently communicate the value of official statistics to the government and other stakeholders in order to generate support?
- What should be done to motivate the employees to embrace institutional, organizational and technological changes that are necessary for the modernization of official statistics?

Considerations for session 2:

Mainstreaming technological development in data collection, processing and dissemination: good practices and challenges

- How does the access to the internet, mobile devices and cloud technology motivate investing in new online national data repository (open data) and innovative dissemination technologies such as social media or mobile applications?

- How could the transfer and sharing of innovative technologies and technical skills for the production of official statistics be promoted and implemented at the sub-regional, regional and global level?

- What kind of coordination/cooperation mechanism would be needed to foster development of common production architecture and technologies across the EECCA countries?

- How could the data communities at regional, sub-regional and country level be mobilised to secure access to administrative and other secondary data sources for the production of official statistics?

Considerations for session 3:

Developing a collective vision for advancing the transformation of statistics at global, regional and national level

- What are the main drivers of the transformation and modernization of national statistical systems? What are the main challenges, opportunities and possible actions in the EECCA region/countries?

- How can National Strategies for the Development of Statistics (e.g. NSDS) and other national and regional strategic development plans address and sustain the coordination, transformation and modernisation of official statistics?

- What partnership arrangements could be developed between statistical institutions at global, regional and national level to enable the review and assessment of institutional, organisational and financial framework with the objective to support the transformation of official statistics in the EECCA countries?

- What forms of training and technical capacity building are most relevant and could work best at the different levels of maturity of the statistical system?

Series of (Sub-) regional Conferences
Dec. 2015 – Oct. 2016

- Targeting heads of national and (sub-) regional statistical systems/organisations

- Taking stock of various (sub-) regional and national initiatives for integrating and modernising statistical systems

- Tailoring the collaborative initiative for a Transformative Agenda to the (sub-) regional contexts and expectations

- Countries and UN regional commissions to lead the events with substantial time assigned to group discussions (5 thematic areas)

- African Conference, 20-21/11/15
- Arab Conference, 05-07/04/16
- Asia-Pacific Conference, 24-26/08/16

- Caribbean Conference, 07-09/09/16
- Latin America Conference, 14-16/09/16
- EECCA Conference, 06-07/10/2016

Next steps and the way forward

Reports to the Statistical Commission and regional statistical committees

- March 2016: Interim report (E/CN.3/2016/4-RU-EN)

- November-December 2016: Consultation of Global Action Plan and Regional Action Plan

- January 2017: UN World Data Forum, Cape Town, South Africa

- March 2017: Final report to UNSC, including concrete proposal for drafting and implementing global and regional action plans on the Transformative Agenda for data, statistics and innovation
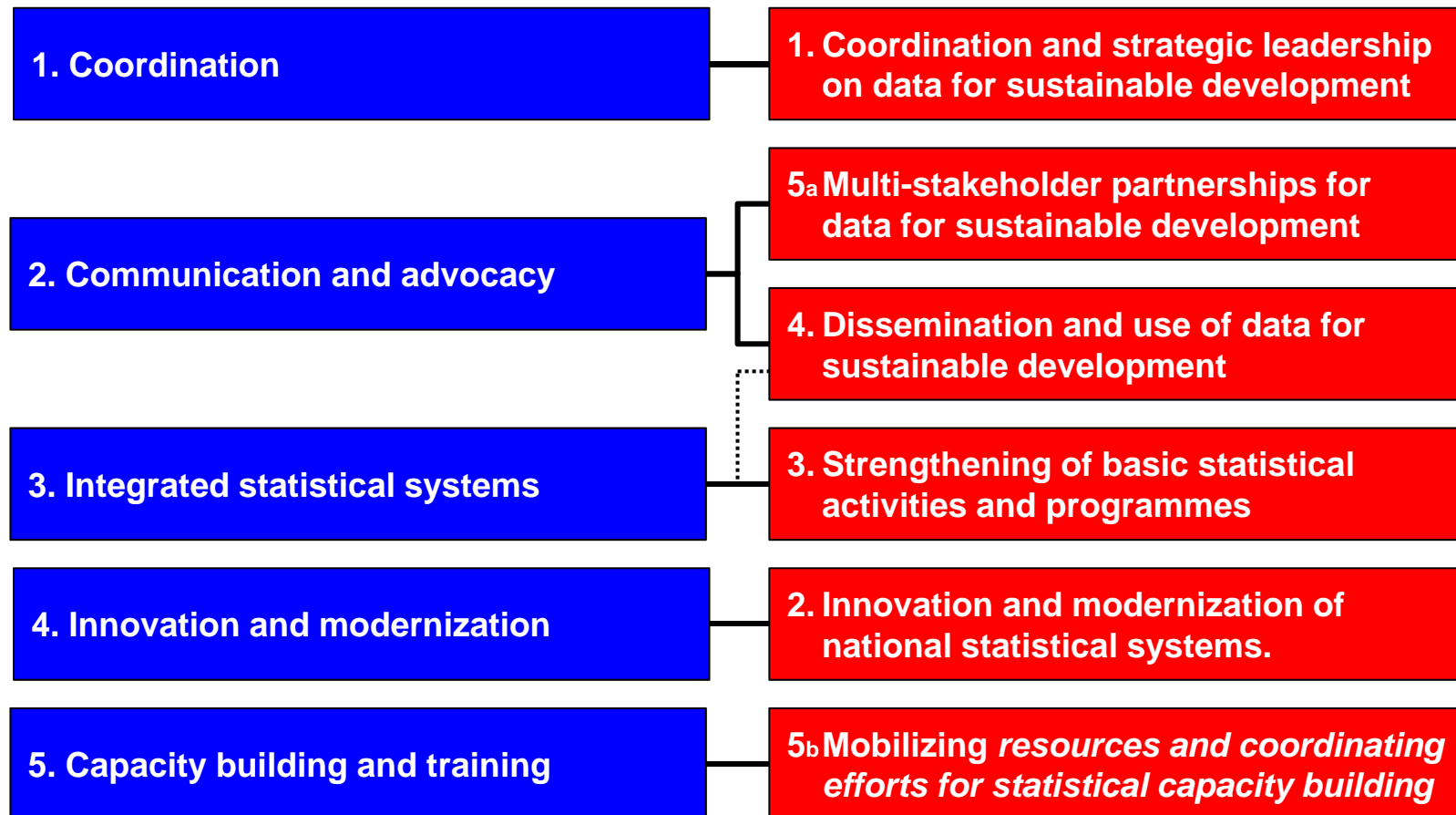
Guidance

- High Level Group on Partnership, Coordination and Capacity Building (under the UN Statistical Commission)

- Statistical Committees of Regional Commissions and (sub-) regional agencies

Transformative Agenda ⬌ **Global Action Plan**
IAEG-SDGs & HLG-PCCB

Transformative Agenda	Global Action Plan
1. Coordination	1. Coordination and strategic leadership on data for sustainable development
2. Communication and advocacy	5a Multi-stakeholder partnerships for data for sustainable development
	4. Dissemination and use of data for sustainable development
3. Integrated statistical systems	3. Strengthening of basic statistical activities and programmes
4. Innovation and modernization	2. Innovation and modernization of national statistical systems.
5. Capacity building and training	5b Mobilizing *resources and coordinating efforts for statistical capacity building*

Transformative Agenda
For Official Statistics

For questions and comments:

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