



Modernisation Workshop 2019

9th Annual Workshop of the High-Level
Group for the Modernisation of Official
Statistics

19-20 November 2019, Geneva



Why are we there?

NSOs are facing many challenges

➔ Change how we work

Continuously changing environment

➔ Become agile and adaptive

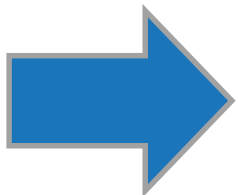
We have to be more efficient

➔ **Share and Standardize**

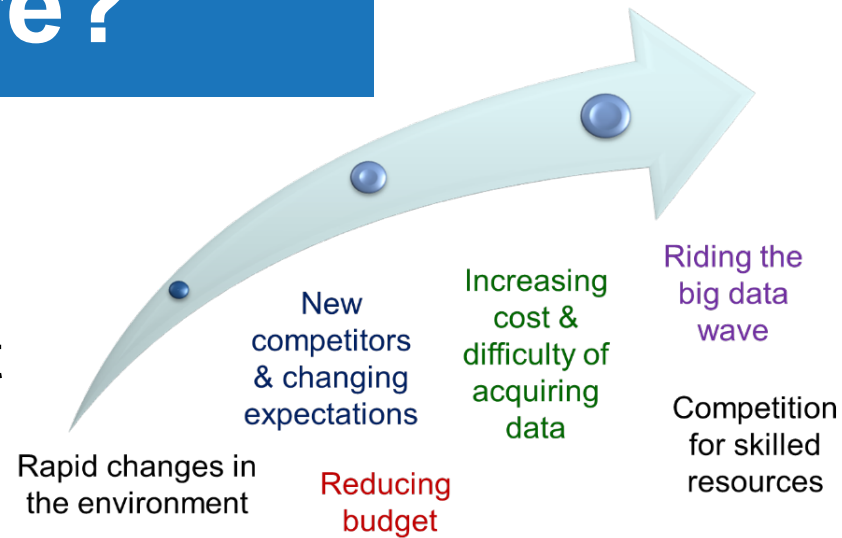
Challenges too big to tackle on their own

➔ **Collaborate and Coordinate**

Official Statistics needs leadership



High-Level Group for the Modernisation
of Official Statistics Established by CES



A Collaboration of the Willing

- Activities are voluntary and demand driven
- Strategic Vision and oversight by HLG-MOS



- Actively steered by an Executive Board



- Four main principles:

- Openness
- Flexibility
- Participation
- Pragmatism



- Everybody can join and participation at all levels

***but...*Level of Commitment is expected**

Why are we here?

Share and showcase our work
Celebrate our accomplishment
Get feedback on results

modernstats
by HLG - MOS
2019



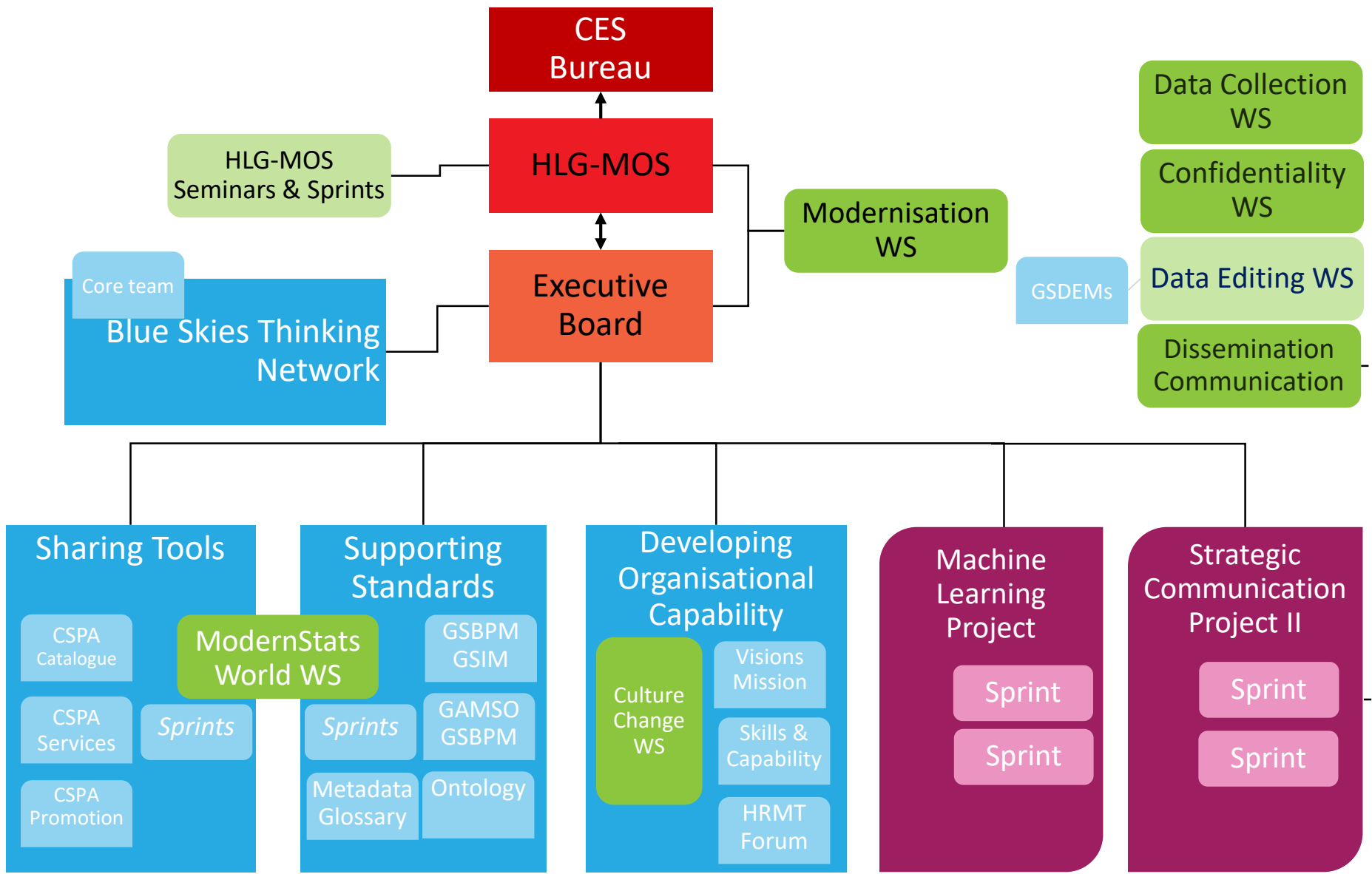
Involve the community
Induce collaboration and participation
Engage in an open discussion

Identify and Prioritize future work
Drive new developments
Set our 2020 work programme

modernstats
by HLG - MOS
2020

ModernStats 2019

ModernStats World 2019



Community Involvement 2019

4 Steering Committees
42 members
22 org.

4 Groups
104 members
29 organisations

7 Workshops

600 participants
65 organisations

2 Projects
62 members
23 org.

6 Sprints
105 participants
19 org.

750+ Participants

150+ Members

100+ Organisations

Collaboration Platforms 2019

7 Workshops:

- Culture Evolution
- Data Collection
- Data Confidentiality
- Communication and Dissemination
- ModernStats World
- HLG-MOS
- GSIM eTraining

200+ Virtual meetings:

- Monthly Executive Board
- Monthly Modernisation Groups and Task Teams
- Monthly Project & sub-groups/Work Packages
- Monthly Steering Committee

Other:

- Ad-hoc virtual sprints
- Biannual HLG-MOS

6 Sprints:

- DOC (Geneva)
- SCFP (Gdansk, Geneva)
- MLP (London/Newport, Belgrade)
- GSIM (virtual)



- 40 active Wiki spaces
- 4,000 pages of content
- 20,000 attachments
- 6,500,00KB of content

- 2,500 user accounts
- 400,000 visits

Modernisation Groups 2019

Sharing Tools

- CSPA Service Catalogue
 - 8 services added
 - Mapping to features
- CSPA 2.0 document
- **ModernStats World Workshop 2019**



Developing Organizational Resilience

- Capabilities Training
- Core Competencies
- Culture Evolution
 - Workshop
 - Sprint



Supporting Standards

- Alignment GSBPM with GAMSO
- Linking GSBPM & GSIM
- Core Ontology for Official Statistics
- Metadata Glossary
- MWW 2019
- *GSIM Revision*



Network & Projects 2019

Blue Skies Thinking Network

- 13 Topics identified
- Secure Multiparty Computation
- Synthetic Data Sets
- *Evaluation Project Proposal*

Machine Learning Project

- ML Pilot Studies
 - Classification and Coding Maturity Model
 - Edit and Imputation
 - Imagery
- Quality

Strategic Communication Framework Project

- Internal Communication
- Stakeholder Engagement
- National Data Strategies

CES endorsement

Endorsed in 2019 by the Conference of European Statisticians:

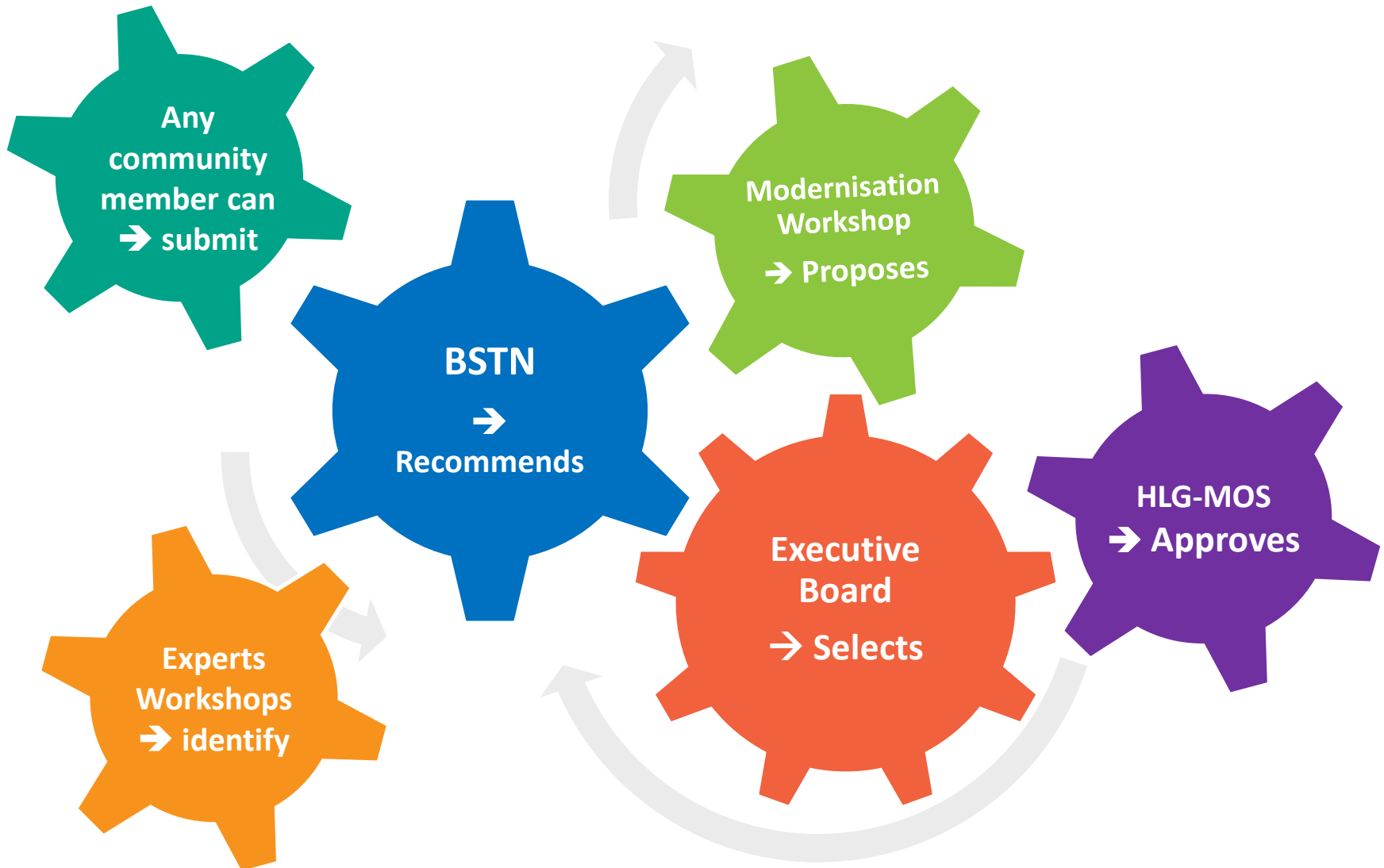
- GSBPM 5.1
- GAMSO 1.2
- Strategic Communication Framework for Statistical Institutions Phase I

Upcoming:

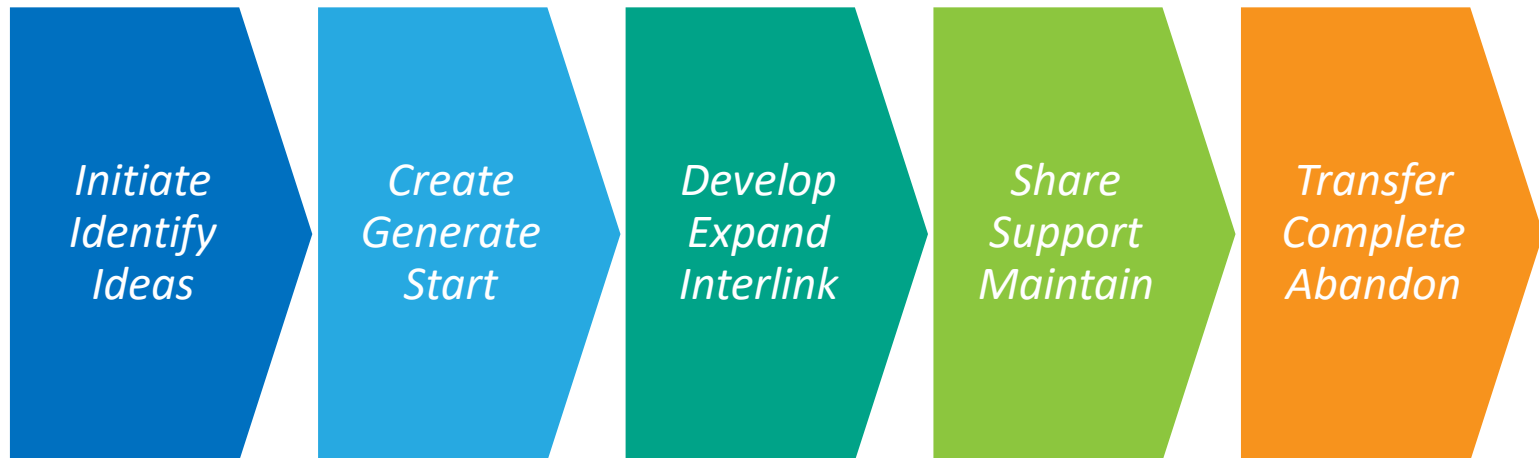
- *GSIM 1.2 (Supporting Standards)*
- *GSDEM 2.0 (Data Editing Steering Group)*

ModernStats 2020

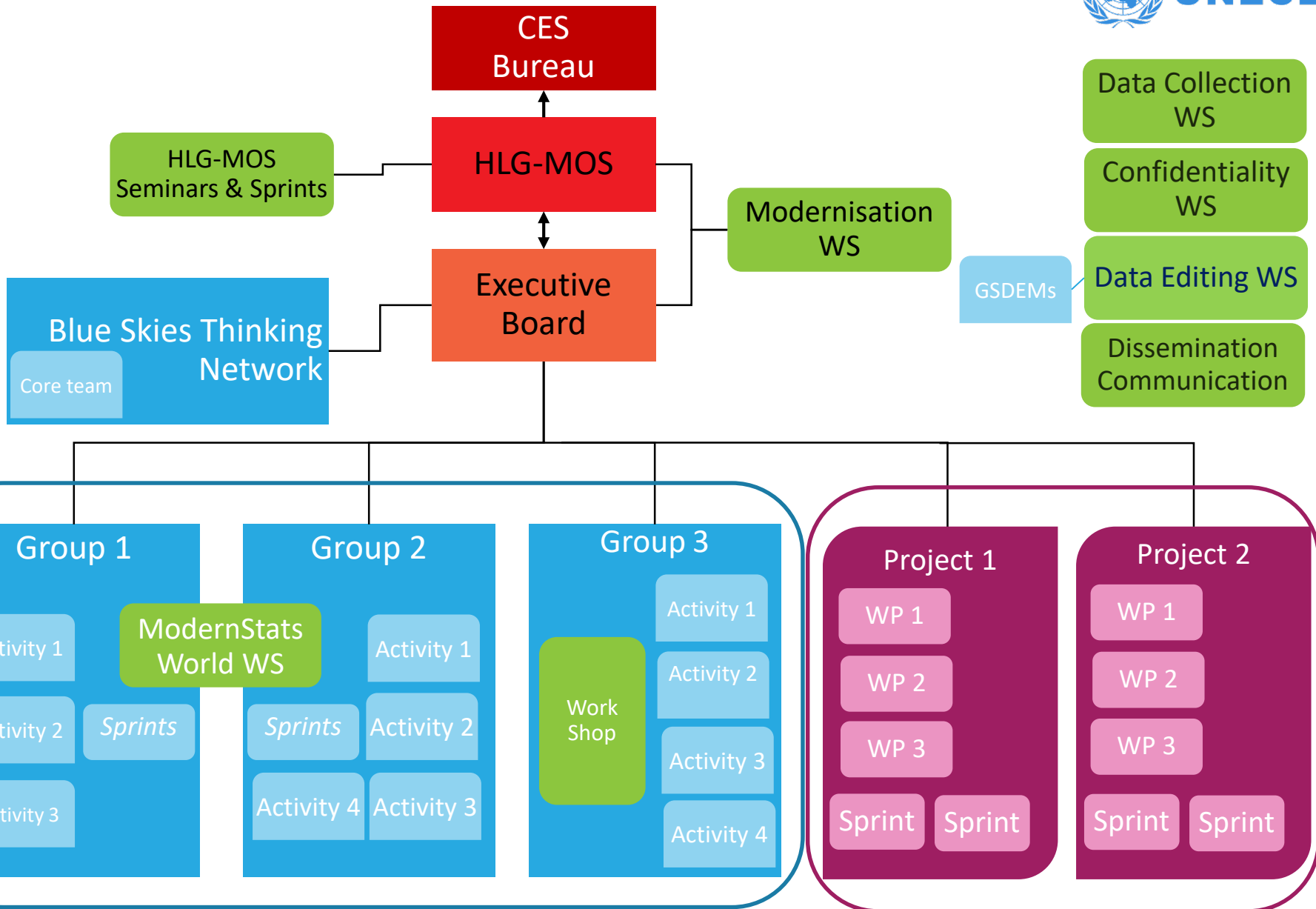
Selection Projects and Activities



HLG-MOS WorkFlow Concept



ModernStats World 2020

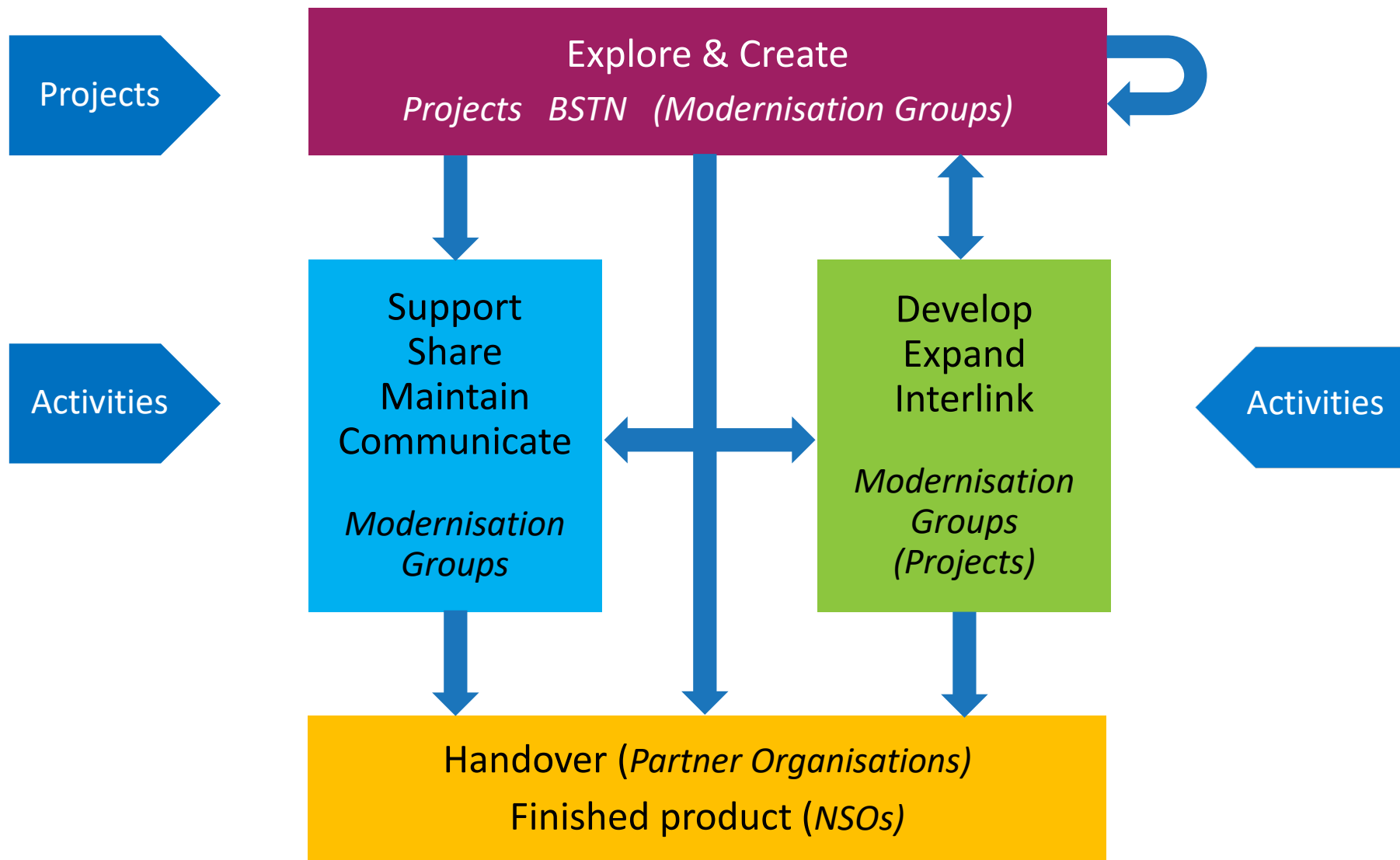


Priority & Emerging Topics

- **Active engagement**
 - Communicating our value
 - Role in the data ecosystem
- **Trusted Data Authority**
 - National Data Strategy
 - Data for better decision making
 - Data protection
 - Data access and ethics
- **Agile and adaptive culture**
 - Setting the vision
 - Culture evolution



ModernStats Pillars: Options



Today and Tomorrow

Showcase work done in 2019: Present and discuss outcome of Projects and Modernisation Groups

Share the outcome of Future Work identified by workshops and BSTN in 2019

Sketch ideas and options for a modified structure for 2020

See Proposals for projects and activities for 2020

Small Group discussions to deliberate and prioritize proposals

Select Projects and Activities by Executive Board and HLG-MOS



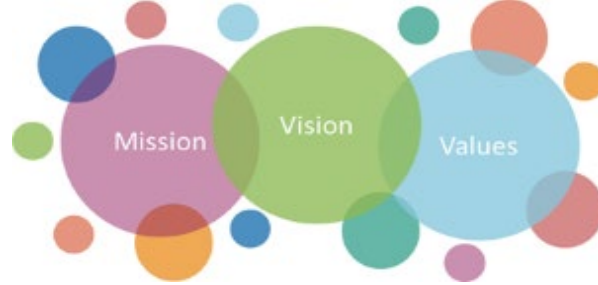
Annexes

Links (selection)

- Main Wiki entry (login for more content) <https://statswiki.unece.org/#all-updates>
- HLG-MOS HOME: <https://statswiki.unece.org/x/xlR8Aw>
- GSBPM: <https://statswiki.unece.org/display/GSBPM>
- GSIM: <https://statswiki.unece.org/display/gsim>
- GAMSO: <https://statswiki.unece.org/display/GAMSO>
- CSPA: <https://statswiki.unece.org/display/CSPA>
- Data Architecture: <https://statswiki.unece.org/display/DA>
- Data Collection: <https://statswiki.unece.org/display/Collection>
- Dissemination and Communication: <https://statswiki.unece.org/display/DIS>
- Data Editing: <https://statswiki.unece.org/display/sde>
- Data Confidentiality: <https://statswiki.unece.org/display/confid>
- HRMT (human resource and more): <https://statswiki.unece.org/x/UgAMDQ>

HLG-MOS Objectives:

- Promote common standards, models, tools and methods to support the modernisation of official statistics;
- Drive new developments in the production, organisation and products of official statistics
- To advise the Bureau of the CES on the direction of strategic developments in the modernisation of official statistics
- Ensure effective coordination and information sharing and maximum of convergence and coordination within the statistical “industry”.



Mission

Work collaboratively to identify trends, threats, and opportunities & provide common platform to develop solutions in a flexible and agile way.

Vision

Actively engage

Be a trusted data authority

Adopt a service oriented approach

Have an agile adaptive culture

Developing innovative solutions

Values

Demonstrating leadership and collaboration

Discussing challenges and opportunities openly

Ensuring that priorities are community driven

Supporting a flexible, result oriented and agile approach

Modernisation workshops 2019

- **Communication and Dissemination of Statistics** 12-14 June 2019, Gdańsk, Poland
- **ModernStats World Workshop**, Geneva, 26-28 June 2019
- **Workshop on Culture Evolution**, 11-13 September 2019, Geneva, Switzerland
- **Statistical Data Collection Workshop** 9-11 October 2019, Geneva
- **Work Session on Statistical Confidentiality** 29-31 October 2019, the Hague, The Netherlands
- **HLG MOS Workshop on the Modernisation of Official Statistics**, Geneva, 18-20 November 2019
- **GSIM e-Training, Virtual**, Geneva, Helsinki, Oslo, Ottawa, Rome and Stockholm, 5 November 2019
- **Key Goals: Sharing innovative practices, identifying challenges and topics for future work**

HLG-MOS

- Anil Arora (Canada) *chair*
- David Kalisch (Australia)
- Pádraig Dalton (Ireland)
- Giorgio Alleva (Italy)
- Julio Santaella (Mexico)
- Tjark Tjin-a-Tsoi (Netherlands)
- Liz MacPherson (New Zealand)
- Dominik Rozkrut (Poland)
- Shin-Wook Kang (Republic of Korea)
- Bojan Nastav / *Genovefa Ružić* (Slovenia)
- Ian Diamond / *John Pullinger* (United Kingdom)
- Mariana Kotzeva (Eurostat)
- Martine Durand (OECD)
- Lidia Bratanova (UNECE)

Executive Board

- Stéphane Dufour (Canada) co-chair
- Jenet Connell & Luise Mcculloch (Australia)
- Jennifer Banim (Ireland)
- Piero Falorsi & Monica Scannapieco (Italy)
- Eduardo Jallath (Mexico)
- Astrid Boeijen (Netherlands)
- Vince Galvin (New Zealand)
- Eudardo-Barredo-Capelot (Eurostat)
- Taeke Gjaltema (UNECE)

Members

Statement of Intent

- Any Statistical organisation can sign the **Statement of Intent** → Pledge to contribute financially and/or in kind to facilitate the work of the HLG-MOS and to actively participate in its activities.
- Signed by: NSOs from Australia, Canada, Hungary, Ireland, Italy, Mexico, Montenegro, Netherlands, New Zealand, Poland, Puerto Rico, Serbia, Slovenia, South Korea, Sweden and Eurostat and OECD.