HLG-MOS 2018-2019
67th plenary session of the Conference of European Statisticians
26 - 28 June 2019, OECD, Paris
Work collaboratively to identify trends, threats, and opportunities & provide common platform to develop solutions in a flexible and agile way.

Actively engage
Be a trusted data authority
Adopt a service oriented approach
Have an agile adaptive culture

Developing innovative solutions
Demonstrating leadership and collaboration
Discussing challenges and opportunities openly
Ensuring that priorities are community driven
Supporting a flexible, result oriented and agile approach
• Anil Arora (Canada) chair
• David Kalisch (Australia)
• Pádraig Dalton (Ireland)
• Gian Carlo Blangiardo (Italy)

• Shin-Wook Kang (Republic of Korea)
• Genovefa Ružić (Slovenia)
• John Pullinger (United Kingdom)

• Julio Santaella (Mexico)
• Tjark Tjin-a-Tsoi (Netherlands)
• Liz MacPherson (New Zealand)

• Mariana Kotzeva (Eurostat)
• Martine Durand (OECD)
• Lidia Bratanova (UNECE)
ModernStats Pillars

Create
Projects BSTN (Modernisation Groups)

Support
Share
Maintain
Communicate
Modernisation Groups

Develop
Expand
Interlink
Modernisation Groups (Projects)

Handover (Partner Organisations)
Finished product (NSOs)
ModernStats
2018
Community Involvement

- Projects: 56 members from 19 countries and 2 International Organisations (IOs)
- Groups: 82 members from 19 countries and 5 IOs
- Steering Committees: 53 members from 19 countries and 4 IOs
- Workshops: 328 participants from 63 countries and 12 IOs

In summary:
- Participants: 500+
- Members: 100+
- Organisations: 75+
Collaboration Platforms

• Workshops (6): HRMT, Data Collection, Data Editing, Communication and Dissemination, ModernStats World, HLG-MOS

• Sprint Sessions (5): Belgrade, Warsaw (DAP), Oslo, Toulouse (Arch Patterns ST) & Geneva (SCFP)

• Task Teams: 20+

• Webexes: 150+

• Wiki: 50 spaces, 50,000 pages, 2,250 user accounts
Modernisation Groups 2018

Sharing Tools

- CSPA Service Catalogue
- Service Adapters and Features
- Restated CSPA Sharing Concept

Developing Organizational Resilience

- Green Paper: Developing Organisational Resilience
- Visions, Missions and Target Operating Models
- Risk Management training materials
- HRMT Workshop: Building Resilience in Statistical Organisations

Supporting Standards

- GSBPM Revision
- GSIM Revision
- GAMSO Update
- Integrated View (Survey)
Network & Projects 2018

**Blue Skies Thinking Network**
- Machine Learning Paper
- *Machine learning Project Proposal*

**Data Architecture Project**
- Common Statistical Data Architecture
  - Capabilities
  - Maturity Model
- Implementation Guidelines
- Use Cases
- Leaflet

**Strategic Communication Framework Project**
- Strategic Communication Framework
  - Skillsets
  - Communication Maturity Model
- Guidelines
- Branding
- Crisis and Issue Management
- Evaluation
- Project Placemat
Modernisation Groups 2019

Sharing Tools
- Digitizing of CSPA Document
- Adding Services to the CSPA catalogue
- Communication the restated CSPA sharing concept

Developing Organizational Resilience
- Skills and capabilities for NSOs
- Promotion and sharing earlier work
- Setting vision in NSOs
- Culture Evolution Workshop

Supporting Standards
- Linking GSBPM and GSIM
- Alignment overarching processes GSBPM with GAMSO
- Core ontology for Official Statistics
- Metadata Glossary
- GSIM Review
• Generate and evaluate proposals for HLG-MOS activities
• Short time boxed follow-up studies
• Core Team (10 high level experts):
  – Constant environment scan potential topics
  – Evaluate proposals submitted to the group
• Key questions:
  – What is the proposal covering?
  – What does it mean for official statistics?
  – What has already been done?
  – What future work is needed?
Projects 2019

Machine Learning Project
- Pilot Studies:
  - Classification and Coding
  - Edit and Imputation
  - Imagery
- Quality issues
  - On traditional processes and data
  - To exploit non-traditional data
- Lessons learned and most promising areas for ML in Official Statistics
- 33 Participants
- 1 Sprint May (another planned)

Strategic Communication Framework Project Phase 2
- Organizational Vision and Strategic Staff Engagement
- Stakeholder Engagement management Strategies
- Engagement in Government-wide data strategies
- 22 Participants
- 2 Sprints (April & June)
GSBPM Review & GAMSO update

• Generic Statistical Business Process Model reviewed every 3-5 years
  – Two rounds of consultations (all CES members & open discussion forum)
  – No structural revision was needed but descriptions updated and expanded to include new data sources
  – GSBPM 5.1 and all changes on HLG-MOS wiki

• Generic Activity Model Statistical Organisations updated: minor changes to maintain alignment with reviewed GSBPM
Feedback requested

• The Conference is invited to
  – Take note and discuss the outcome of recent and current HLG-MOS work
  – Endorse GSBPM 5.1 and GAMSO 1.2
  – Endorse Strategic Communication Framework phase 1

• Join the work of the HLG-MOS
  – Consult
  – Contribute
  – Collaborate

Thank You!
Annex
Annex: Links (selection)

- **Main Wiki entry** (login for more content) [https://statswiki.unece.org/#all-updates](https://statswiki.unece.org/#all-updates)
- **HLG-MOS HOME**: [https://statswiki.unece.org/x/xIR8Aw](https://statswiki.unece.org/x/xIR8Aw)
- **GSBPM**: [https://statswiki.unece.org/display/GSBPM](https://statswiki.unece.org/display/GSBPM)
- **GSIM**: [https://statswiki.unece.org/display/gsim](https://statswiki.unece.org/display/gsim)
- **GAMSO**: [https://statswiki.unece.org/display/GAMSO](https://statswiki.unece.org/display/GAMSO)
- **CSPA**: [https://statswiki.unece.org/display/CSPA](https://statswiki.unece.org/display/CSPA)
- **Data Architecture**: [https://statswiki.unece.org/display/DA](https://statswiki.unece.org/display/DA)
- **Data Collection**: [https://statswiki.unece.org/display/Collection](https://statswiki.unece.org/display/Collection)
- **Dissemination and Communication**: [https://statswiki.unece.org/display/DIS](https://statswiki.unece.org/display/DIS)
- **Data Editing**: [https://statswiki.unece.org/display/sde](https://statswiki.unece.org/display/sde)
- **Data Confidentiality**: [https://statswiki.unece.org/display/confid](https://statswiki.unece.org/display/confid)
- **HRMT (human resource and more)**: [https://statswiki.unece.org/x/UgAMDQ](https://statswiki.unece.org/x/UgAMDQ)
**HLG-MOS**

<table>
<thead>
<tr>
<th>Before the HLG-MOS</th>
<th>Now</th>
</tr>
</thead>
<tbody>
<tr>
<td>Many expert groups</td>
<td>Clear vision</td>
</tr>
<tr>
<td>Little coordination</td>
<td>Agreed priorities</td>
</tr>
<tr>
<td>No overall strategy</td>
<td>Strategic leadership</td>
</tr>
<tr>
<td>Limited impact</td>
<td>Real progress</td>
</tr>
</tbody>
</table>

High-Level Group for the Modernisation of Official Statistics setup in 2010 under the Conference of European Statisticians (CES)


Since 2016 the community is branded as:
Collaboration of the Willing

• Activities are voluntary and demand driven
• Actively steered by group of committed Chief Statisticians

• Four main principles:
  – Openness
  – Flexibility
  – Participation
  – Pragmatism

• Everybody can join and participation at all levels
• But: Strategic Vision and oversight by HLG-MOS the Executive Board
Collaborative Platform

- Two modernisation projects per year
- Four expert groups (with 10-20 Task Teams)
- Several Modernisation Workshops
- Four thematic workshops
- HLG-MOS Wikis
- Catalogues: Sharing Investments Capability, and Statistical Services
- Many Sprint Workshops, face-to-face, virtual meetings
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