

Modernisation Groups

Supporting Standards

The goal of the group is to find ways how to develop, enhance, integrate, promote, support and facilitate implementation of the range of standards needed for statistical modernisation. It has operational responsibility for the maintenance and development of the **Generic Activity Model for Statistical Organizations** (GAMSO), **Generic Statistical Business Process Model** (GSBPM), the **Generic Statistical Information Model** (GSIM), the **Common Statistical Data Architecture** (CSDA) and the documentation of the **Common Statistical Production Architecture** (CSPA).

Task teams in 2023:

- GSBPM / GAMSO revision
- GSIM revision
- SDMX-DDI-GSBPM
- Core Ontology for Official Statistics (phase2)



For more information please contact: [Inkyung Choi](#)

Year	Output	Chair
2022	<ul style="list-style-type: none"> • GSBPM "Task" • COOS 	Zoltán Vereczkei (Hungary)
2021	<ul style="list-style-type: none"> • Geospatial view of GSBPM • Linking GSBPM and GSIM • ModernStats usage survey (2021) • ModernStats model governance guide 	Zoltán Vereczkei (Hungary)
2020	<ul style="list-style-type: none"> • Statistical Metadata Glossary • GSIM Communication Paper 	Marina Signore (Italy)
2019	<ul style="list-style-type: none"> • GSIM v1.2 (model part) • GSIM e-training materials • Paper from Alignment of GSBPM OP with GAMSO task team 	Marina Signore (Italy)
2018	<ul style="list-style-type: none"> • GSBPM v5.1 • GAMSO v1.2 • ModernStats usage survey (2018) 	Marina Signore (Italy)
2017	<ul style="list-style-type: none"> • GSBPM Quality Indicators (v2.0) 	Klaus Blomqvist (Sweden)

Applying Data Science and Modern Methods

The Applying Data Science and Modern Methods Group was established in 2022. The group focuses on developing, implementing, promoting, supporting, and facilitating the implementation of data science and modern methods initiatives needed for statistical modernization of business processes.

Task teams in 2023:

- Understanding and Selecting Models
- Accelerating the Implementation of ML-based Solution in Data Editing
- International Framework on Responsible AI for Official Statistics



To join the team, please contact: [Amilina Kipkeeva](#)

Blue Skies Thinking Network

The Blue Sky Thinking Network is the “ideas factory” for the statistical modernisation community. The Blue Skies Thinking Reports provide an environment scan on selected topics. These brief papers answer four key questions – what is the topic, what is the value for official statistics, what is already being done, what are the opportunities for further collaboration.

2024 topics:

- Digital Twins
- The Future of NSIs

For more information please contact: [Andrew Tait](#)

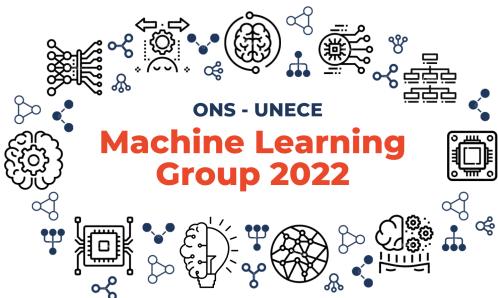


Member	Country / Organisation
Zoltán Vereczkei - Chair	Hungary
Anna Dlugosz	Poland
Cory Chobanik	Canada
David Barraclough	OECD
Essi Kaukonen	Finland
Flavio Rizzolo	Canada / DDI
Florian Vucko	France
Dan Gillman	United States
Edgardo Greising	ILO
Juan Muñoz	Mexico
Kevin McCormack	Ireland
Franck Cotton	France
Martina Hahn	Eurostat
Mauro Bruno	Italy
Omurbek Ibraev	Kyrgyzstan
Waleed Mohamed	Egypt
Matjaz Jug	Netherlands
Carlo Vaccari	Italy
José de Jesús Luján Salazar	Mexico
Juan Eduardo Rioja Romo	Mexico
Manuel Cuellar Rio	Mexico
Andrea Petres	Hungary
Janusz Dygaszewicz	Poland
Federico Segui	Uruguay
Daniel Blanc	Uruguay
Helda Mitre	Albania
InKyung Choi - Secretariat	UNECE

ONS-UNECE Machine Learning Group (2021-2022)

The ML Group 2021 and ML Group 2022 were continuation of the international community built on the [HLG-MOS Machine Learning Project](#) (ML 2019/2020). It was led by ONS and UNECE. The main outputs from the groups include:

ML
2021



- Work Stream 1 (WS1) - From Idea to Valid Solution
- Work Stream 2 (WS2) - From Valid Solution to Production
- Work Stream (WS3) - Ethical Consideration in the Use of ML for Research and Statistics
- Work Stream 4 (WS4) - Model Retraining
- Work Stream 5 (WS5) - Quality Framework for Statistical Algorithm

ML 2022

- Theme Group - Web-scraped Data
- Theme Group - Text classification
- Theme Group - Image analysis
- Theme Group - AIS data
- Theme Group - Quality of Training Data
- Theme Group - Model Retraining
- Theme Group - Infrastructure

Capabilities and Communication Group

The Modernisation Group on Capability and Communication focuses on the organisational changes and the communication challenges necessary to support modernization in statistical organizations. The COVID-19 pandemic has put a lot of strains on the HR and communication departments of NSOs. From the start, the group has been adjusting their work programme into assisting statistical offices to cope with the changing working arrangements and the need for more extensive internal and external communication. Past output can be found on the [Human Resources and more space](#).

The main focus in 2023 is on the following activities:

- Future of work
- Ethics
- Market Research, Digital Marketing & Communication strategies



For more information please contact: [Tetyana Kolomiyets](#)

Sharing Tools (2017-2020)

The Sharing Tools Group is part of the High-Level Group for the Modernisation of Official Statistics (HLG-MOS) or ModernStats. It continues the work of the HLG CSPA implementation group and related activities from the MC Standards and the MC Production and Methods. Please find here the [Terms of Reference](#) for 2017. The main focus is on the following activities:

- Digitizing CSPA Document
- Promote Sharing of Services
- Provide Practical Technical Assistance to CSPA implementers
- Organisation of the ModernStats World Workshop (jointly with Supporting Standards Groups)
- Adding CSPA Services to the CSPA Catalogue

Task teams:



- Digitising CSPA Document
- Adding CSPA Services
- Communicating CSPA
- Cambodia - Kimhor Meng
- Canada - Robert McLellan, Flavio Rizzolo
- France - Franck Cotton, Romain Tailleurat
- Italy - Marco Silipo, Carlo Vaccari, Mauro Bruno, Roberta Filippini, Tiziana Tuoto
- Mexico - Juan Muñoz, Ricardo Olvera, silvia Frausto
- Netherlands - Matjaz Jug, Ronald Ossendrijver
- New Zealand - Rosemary McGrath (chair)
- Norway - Trygve Falch
- Poland - Anna Dlugosz
- Republic of Korea - Yulla Choi
- Slovenia - Tomaz Speh, Blaž Božjak, Simon Pelicon
- Sweden - Eva Holm, Jakob Engdahl, Hakim Sjöström, Henrik Lönnström
- United Kingdom - Eric Deeben, Neville Demendonca , Samantha Elstone(ONS)
- Eurostat - Pierre Peyronnel
- UNECE - Taeke Gjaltema

For more information please contact: [Taeke Gjaltema](#)

Modernisation Committee on Products and Sources (2014-2016)

Modernisation Committee on Production and Methods (2014-2016)

Modernisation Committee on Standards (2014-2016) continued as Supporting Standards Group

Modernisation Committee on Organisational Frameworks and Evaluation (2014-2016) continued as Capability and Communication Group