

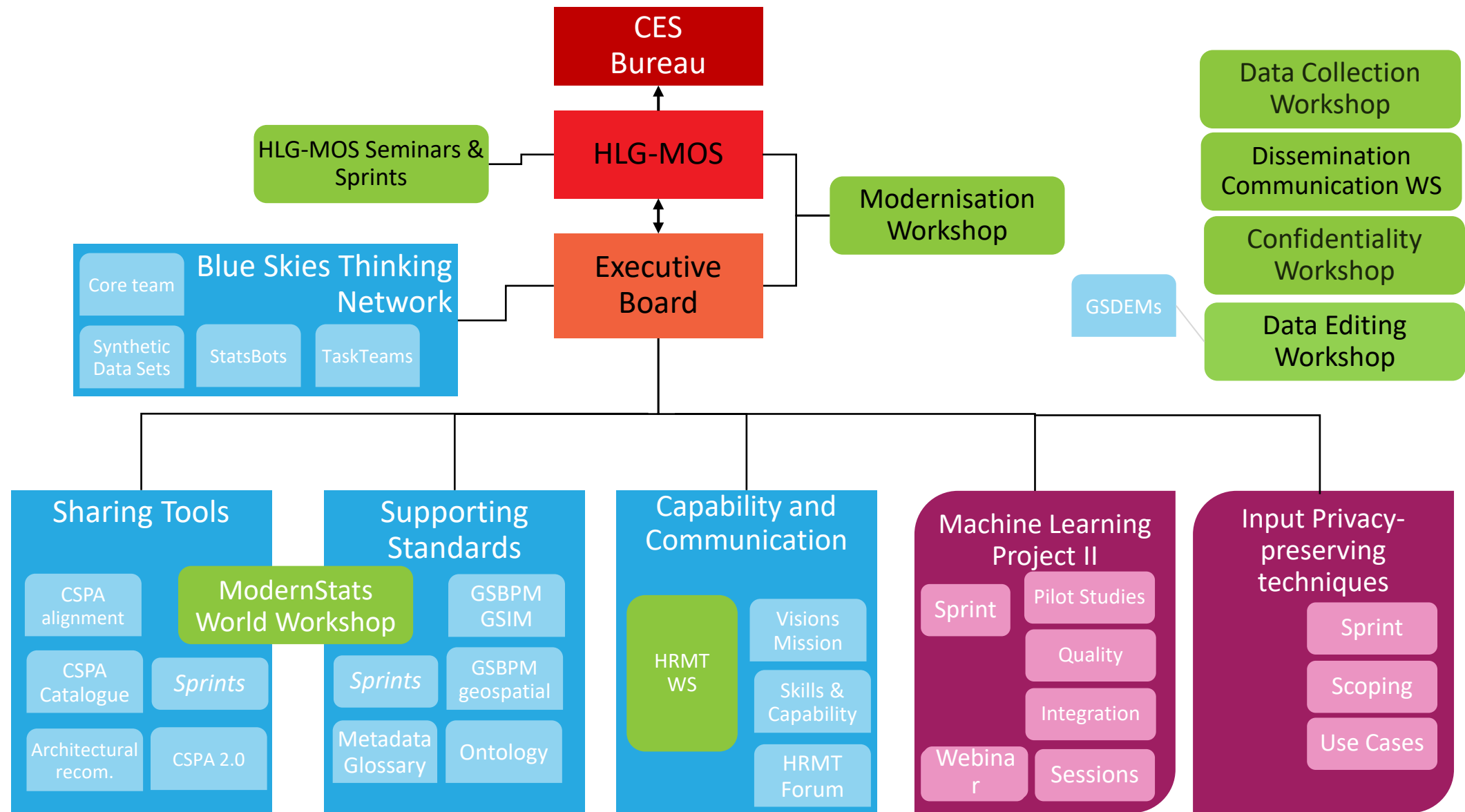


Modernisation Expert meeting workshops in 2020

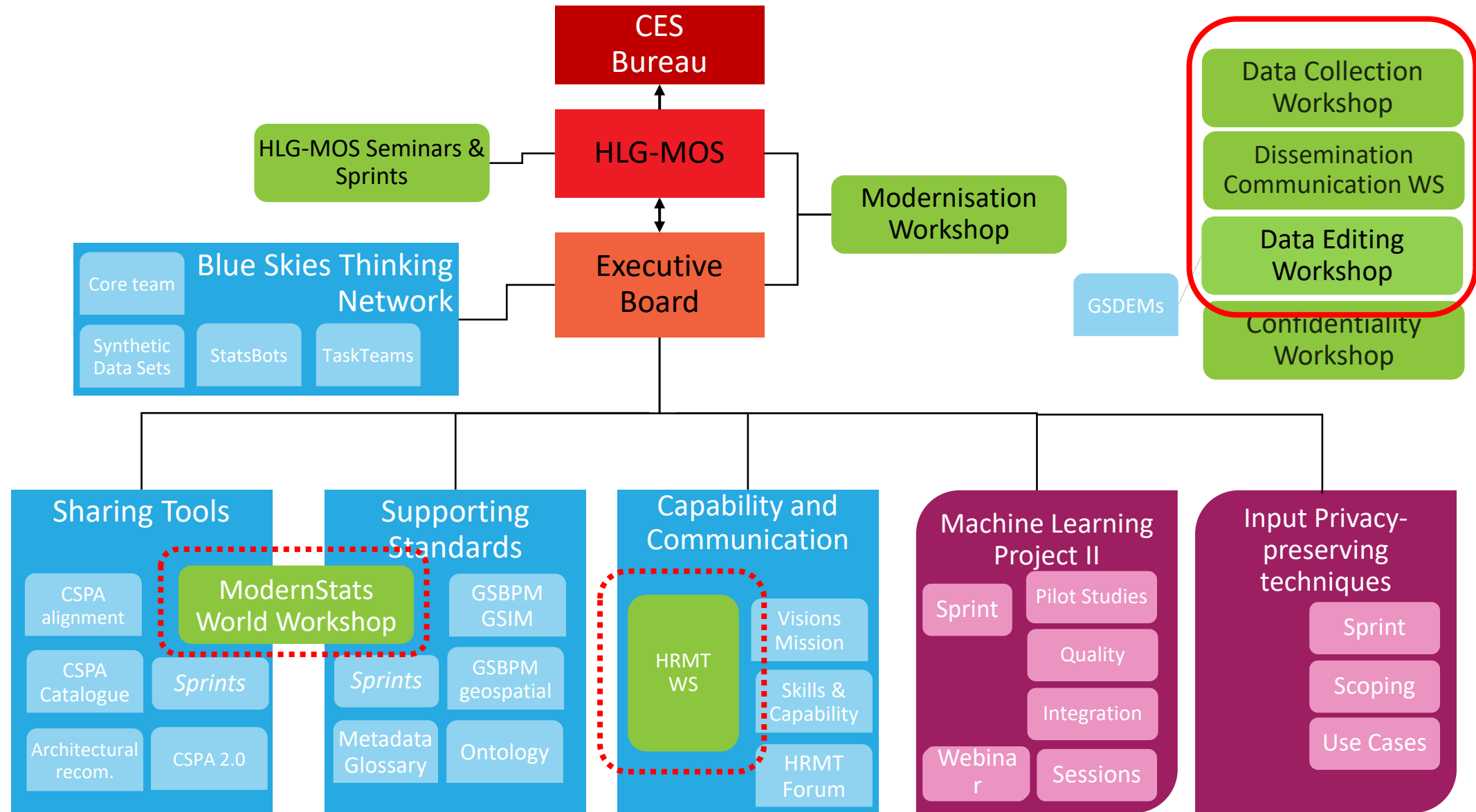
10th Annual Workshop of the High-Level Group for the
Modernisation of Official Statistics
18-19 November 2020



ModernStats World 2020



ModernStats World 2020



Workshops and Sprints 2020

Planned

- HLG-MOS, 1 March, New York
- Workshop on Statistical Data Editing, 15 – 17 April, Geneva
- ModernStats World Workshop, 24-26 June, Belgrade
- Workshop on Statistical Data Dissemination and Communication, 7-9 September, Lisbon
- Workshop on Human Resources Management and Training, 9-11 September, Lisbon
- Workshop on Statistical Data Collection, 5-7 October, Geneva
- HLG-MOS Modernisation Workshop, 18-19 November, Geneva
- ~~Input-Privacy Preservation Project Sprint, 17-20 March~~
- Machine Learning Project Sprint, 1-3 April, Warsaw
- Machine Learning Sprint, September, Wiesbaden

Actual

- **HLG-MOS, 1 March, New York**
- **Workshop on Statistical Data Editing, 31 August- 4 September, online**
- **ModernStats World Workshop, 27-30 October, online**
- **COVID-19 response in the area of Communication, 7-9 September, online**
- COVID-19 response in the area of Communication and HRMT, 9-11 September, online & ECCAA session
- **Data Collection in times of COVID-19, 5-8 October, online**
- HLG-MOS Modernisation Workshop, 18-19 November, online
- Differential Privacy workshop, 30 October, online
- Machine Learning Webinars, 16-17 November, online
- StatsBots Webinar, 20 November, online
- Machine Learning Project Sprint, 31 March - 16 April, online
- Machine Learning Project Online sessions, 13-15 October

Workshops and Sprints 2020

	Planned	Actual
<ul style="list-style-type: none"> • HLG-MOS, 1 March, New York • Workshop on Statistical Data Editing, 15–17 April, Geneva • ModernStats World Workshop, 24-26 June, Belgrade • Workshop on Statistical Data Collection, 5-7 October, Geneva • HLG-MOS Modernisation Workshop, 18-19 November, Geneva 	<ul style="list-style-type: none"> • Workshop on Statistical Data Editing, 31 August- 4 September, online • COVID-19 response in the area of Communication, 7-9 September, online • Data Collection in times of COVID-19, 5-8 October, online • <i>Work Session on Statistical Data Confidentiality (not in 2020)</i> 	<ul style="list-style-type: none"> • HLG-MOS, 1 March, New York • Workshop on Statistical Data Editing, 31 August- 4 September, online • ModernStats World Workshop, 27-30 October, online • COVID-19 response in the area of Communication and HRMT, 9-11 September, online & ECCAA session • Data Collection in times of COVID-19, 5-8 October, online • HLG-MOS Modernisation Workshop, 18-19 November, online • Machine Learning Webinars, 16-17 November, online • StatsBots Webinar, 20 November, online • Machine Learning Project Sprint, 31 March - 16 April, online • Machine Learning Project Online sessions, 13-15 October
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Collaborative Platform

- Two modernisation projects per year
- Four expert groups (with 10-20 Task Teams)
- Several Modernisation Workshops
- **Four thematic innovation workshops**
- HLG-MOS Wikis
- Many Sprint Workshops, face-to-face, virtual meetings



Purpose/Objectives workshops

- Platforms for experts to:
 - Present innovative practices
 - Share experiences
 - Enable/Encourage collaboration
 - Identify common future areas of work
- Elements:
 - Presentations
 - Small group discussions
 - Interactive sessions
 - Mini-hackathons
 - Prioritization of future work
- Audience:
 - High-mid level managers
 - Substantive experts
 - NSOs/NSSs, Academia & relevant private sector



Innovative Interactive Platform for Practitioners



Four Thematic Expert Groups



Data Collection



Dissemination and
Communication



Data Confidentiality



Data Editing

Workshop on Statistical Data Editing, 31 August- 4 September, online: **Topics**

- Methods: for machine learning and time series data, and new/emerging methods
- Data: 2021 Census, administrative data, geospatial data, big data and other alternative data
- Software: open-source software and software demonstrations
- Quality: assessing data quality and indicators
- Imputation Methods: machine learning and and new/emerging methods
- Processes: editing in a process-oriented set up, standardisation and meta-data driven processes
- Virtual Poster Session*

Workshop on Statistical Data Editing, 31 August- 4 September, online: Outcome

- **Future Topics Identified:**

- Machine Learning, Artificial Intelligence for Edit and Imputation
- Modernisation of data editing and statistical production
- Use of admin data for Edit and Imputation
- Data Editing and preprocessing of new digital data for statistical purposes
- Quality

- **Collaboration:**

- (new) Methodologies for imputation + estimating its variance for register based/ combined census model.
- Development of e-learning courses e.g. for GSDEMs, validation, influence observation + more complex methods
- Comparison with standard tools e.g. CANCEIS, BANFF, etc
- Design of E&I, guidelines when "no intervention"/"simple methodology" would be fit for purpose

COVID-19 response in the area of Dissemination and Communication 7-9 September: Topics/Sessions

- Communicating the impact of the crisis on existing products.
- Communicating about new products developed in response to the crisis, including providing services that are not traditionally delivered by National Statistical Offices.
- Communication with data providers and respondents.
- Internal communication in times of Covid-19 with respect to working remotely, safeguarding the health of staff, and measures to ensure their well-being during this period.
- Remote recruitment, induction/onboarding and training and how to engage new staff during the confinement and in the 'new' normal and more permanent changes to our organisations in these activities.

COVID-19 response in the area of Dissemination and Communication 7-9 September: Outcome

- Good Crisis Communication planning important (internal, respondents, data users)
- Many new products and dissemination platforms (dashboards) developed in short period with timely and detailed data → 'Nurses of information'
- Pandemic worked as a catalyzer and accelerator for change
- Reputation NSO enhanced as we delivered → Customers expectation have been raised
- NSOs were flexible, innovative and showed agility → how to retain this (but cannot continue at this pace)
- Communicating the value of our official data is challenge → proactive explanations about methods and data limitations needed
- Customer-centric approaches needed

Data Collection in times of COVID, 5-8 October 2020: Topics

Impact

- Impact on CAPI and use of CATI and CAWI in multi-mode data collections
- Actual development of responses (& by subgroups)
- Measures to mitigate the impact on census and surveys
- Arrangements made before the crisis that minimized its impact
- Practices that exacerbated the impact of the crisis
- New approaches to better communicate with respondents & deal with perceived burden in pandemic

Challenges

- New data needs during the Covid-19
- Role of NSOs in coordinating nationwide data collection in the national Covid-19 response
- Impact on partnerships or collaborations in response to the pandemic
- Temporary measures and changes in the mix of modes and their impact on comparability of data
- Instructing and recruiting interviewers/enumerators when in lock-down or with distancing rules

Opportunities

- How to reintroduce field operations (CAPI new style)
- New modes of data collection and adaptations (CAWI and other new modes)
- New sources (use of new administrative data or non-traditional sources etc.)
- New roles and areas of work in the national data ecosystem (permanent changes)
- Brand capitalizations: increased value proposition official statistics and trust in NSOs
- Changes in the access and usage of sensitive data or the ability to use privacy sensitive

Data Collection in times of COVID, 5-8 October 2020:

Outcome

- Overall pandemic had/has significant negative impact on data collection
- More modernized statistical production: lower disruption and the easier to adapt
- Offices stepped up and rapidly collected new data or with higher frequency
- Pandemic was a catalyzer and accelerator for change; it brought innovation and creativity
- Using new data sources needs time. Fastest tool to get new data: surveys
- Remotely Training and retraining (if switching modes) of interviewers and testing is a challenge. But contacts have also improved (more interaction by phone/video calls)
- Adapting call centres or working from home has technical & security issue
- Productivity went up and sick leave down but not sustainable and working from home not for everybody
- Reputation of NSOs improved: we are a trusted and flexible source with quality data

HLG-MOS Modernisation Workshops on Web & WIKI

Modernisation Workshops

Created by Steven Vale, last modified by Tanke Gallenja just a moment ago

Upcoming and Recent Modernisation Workshops and other events

Due to shortage of staff in the Statistical Management and Modernisation Unit at UNECE and the Covid-19 pandemic, most workshops planned for 2020 were cancelled and replaced by sessions on Covid-19 response in the respective areas.

- Machine Learning Webinar: 16-17 November 2020, online.
- HLG-MOS workshop on the Modernisation of Official Statistics, 18-19 November 2020, online.**
- Statbots Webinar 18 November 2020, online)
- Workshop on Statistical Data Editing: 31 August - 4 September 2020. (changed to online event)
- CANCELLED/REPLACED: Workshop on Statistical Data Dissemination and Communication, 7-9 September 2020, Lisbon, Portugal; New Event: Online meeting on the COVID-19 response in the area of Communication and HRMT 7-11 September
- CANCELLED/REPLACED: Workshop on Human Resources Management and Training, 9-11 September 2020 Lisbon, Portugal; New Event: Online meeting on the COVID-19 response in the area of Communication and HRMT 7-11 September
- CANCELLED/REPLACED: Workshop on Statistical Data Collection, 5-7 October 2020; New Event: Data Collection and the impact, challenges and opportunities of the COVID-19 pandemic: online workshop 5 - 8 October 2020
- ModernStats World Workshop, 24-26 June 2020-Belgrade-Serbia New data: 27-30 October 14:00-17:00 CET (changed to online event)

These workshops are organized by the Statistical Modernisation and Management Unit of the Statistical Division of UNECE. The focus is on sharing and discussing innovative practices and identifying future areas of work in official statistics. Invitations are sent to National Statistical Organisations and statistical departments of intergovernmental organisations. However, participation is open to any organisation or department producing official statistics as well as relevant academic institutes and NGOs. Please visit the specific meeting pages for further information and consult the Information Notices or contact the UNECE secretariat if you wish to register.

Only workshops held since 2010 are listed here.

We very much welcome countries or institutes to host any of our workshops. Please contact UNECE (mailto:support.stat@un.org) if you are interested.

High-Level Group Workshops

- HLG-MOS workshop on the Modernisation of Official Statistics, online, 18-19 November 2020
 - Statbots Webinar, 20 November 2020 (BSTN subgroup event)
 - Machine Learning Project Webinar, 16-17 November, Online (public event)
- HLG MOS Workshop on the Modernisation of Official Statistics, Geneva, 18-20 November 2019
- HLG MOS Workshop on the Modernisation of Official Statistics, Geneva, 27-28 November 2018
- HLG MOS Workshop on the Modernisation of Official Statistics, Geneva, 22-23 November 2017
- HLG-MOS Workshop on Modernising Official Statistics, Geneva, 22-23 November 2016
- HLG-MOS Workshop on the Modernisation of Official Statistics, The Hague, 24-25 November 2015
- HLG-MOS Workshop, Geneva, 19-20 November 2014
- HLG-MOS Workshop, Geneva, 25-27 November 2013
- HLG-MOS Workshop, Geneva, 7-8 November 2012
- HLG-MOS Workshop, Geneva, 31 October - 1 November 2011

Modernisation seminars

- HLG Seminar on the Process Oriented Approach, 19-21 April 2017, Korea
- HLG-MOS Sprint Session: Strategies to stay relevant

Modernisation Standards and Tools Workshops

- ModernStats World Workshop, 24-26 June 2020-Belgrade-Serbia New data: 27-30 October 14:00-17:00 CET (changed to online event)**
- GSIM eTraining workshop, 5 November 2019, Geneva, Helsinki, Oslo, Ottawa, Rome and Stockholm
- ModernStats World Workshop, Geneva, 28-28 June 2019
- Sub-Regional Workshop on Statistical Production Architecture and Software Sharing, Belgrade, 5-6 December 2018
- ModernStats World Workshop, Geneva, 11-13 April 2018
- Workshop on Integrating Geospatial and Statistical Standards, Stockholm, 6-8 November 2017
- CSPA for Digital Transformation Workshop, Wiesbaden, 3-5 July 2017
- Workshop on Implementing Standards for Statistical Modernisation, Geneva, 21 - 23 September 2016
- CSPA Implementation Workshop 2016, Geneva, 22-24 June 2016
- Workshop on the Modernisation of Statistical Production, Geneva, 15 - 17 April 2015
- Workshop of the Modernisation Committee on Standards: International Collaboration for Standards-Based Modernisation, Geneva, 5 - 7 May 2015
- Big Data project workshop, 9-12 September 2014, Heerlen, the Netherlands
- Rostov/EFTA/UNECE Workshop on Modernisation of Official Statistics, Nizhny Novgorod, 10 - 12 June 2014
- Big Data Sandbox project training, 28-30 May 2014, Rome, Italy
- Meeting on the Management of Statistical Information Systems, Dublin, 14 - 16 April 2014
- Work Session on Statistical Metadata, Geneva, 6 - 8 May 2013
- Meeting on the Management of Statistical Information Systems, Paris, 25 - 27 April 2013



Management and Modernisation Workshops

- Online meeting on the COVID-19 response in the area of Communication and HRMT 7-11 September**(Replaced the Workshop on Human Resources Management and Training, 9-11 September 2020 Lisbon, Portugal)
- Workshop on Culture Evolution, 11-13 September 2019, Geneva, Switzerland
- Workshop on Human Resources Management and Training, Oslo, 12 - 14 September 2018
- Workshop on Implementing Efficiencies and Quality of Output, Geneva, 27 - 29 September 2017
- Workshop on Human Resources Management and Training: Developing Capabilities for the Future, Krakow, 7 - 9 September 2016
- Workshop on Risk Management practices in Statistical Organisations, Geneva, 25 - 26 April 2016
- Workshop on Human Resources Management and Training: Modernising statistics - how to get there?, Geneva, 15 - 17 October 2014
- Workshop on Human Resources Management and Training in Statistical Offices, Budapest, 5 - 7 September 2012
- Workshop on Human Resources Management and Training in Statistical Offices, Geneva, 14 - 16 September 2010



Thematic Innovation Workshops (to be completed)

Workshops on Statistical Data Collection:

- Data Collection and the impact, challenges and opportunities of the COVID-19 pandemic: online workshop 5 - 8 October 2020** (Replaced the Workshop on Statistical Data Collection, 5-7 October 2020)
- 'New Sources and New Technologies', 14-16 October 2019, Geneva, Switzerland
- 'Resourceful Data Acquisition', 10-12 October 2018, Geneva, Switzerland
- 'Overcoming Challenges through Modernisation', 10-12 October 2017, Ottawa, Canada
- 'Visions on Future Surveying', 3 - 5 October 2016, The Hague, the Netherlands
- Riding the Wave of the Data Deluge, 29 April - 1 May 2015, Washington D.C., United States of America
- Seminar on statistical data collection, 25 - 27 September 2013, UNECE, Switzerland, Geneva
- New frontiers in statistical data collection, 31 October - 2 November 2012, UNECE, Switzerland, Geneva

Workshops on the Dissemination and Communication of Statistics:

- Online meeting on the COVID-19 response in the area of Communication and HRMT 7-11 September** (Replaced the Workshop on Statistical Data Dissemination and Communication, 7-9 September 2020, Lisbon, Portugal)
- Workshop on Statistical Data Dissemination and Communication, 12-14 June 2019, Gdansk, Poland
- Workshop on the Dissemination and Communication of Statistics, 25-27 June 2018, Cork, Ireland
- Data Dissemination and Communication Workshop, 28-30 June 2017, Geneva, Switzerland
- Data Dissemination and Communication Workshop, 5-7 October 2016, The Hague, the Netherlands
- Workshop on the Communication of Statistics, 27-29 April 2015, Washington, D.C., USA
- Work Session on the Communication of Statistics, 18-20 June 2014, Geneva, Switzerland
- Work Session on the Communication of Statistics, 27 - 29 May 2013, Berlin, Germany
- Work Session on the Communication of Statistics, 27-29 June 2012, Geneva, Switzerland
- Work Session on the Communication of Statistics, 30 June-1 July 2011, Geneva, Switzerland
- Work Session on the Communication of Statistics, 30 June-2 July 2010, Paris, France



COVID-19 Response [Find out about UNECE's Latest Developments](#)

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STATISTICS MEETINGS AND EVENTS

Statistics

Fundamental Principles of Official Statistics

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Networks of experts

Meetings and Events

> Areas of Work

Publications

Working Paper Series on Statistics

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Partners

Statistics wiki

Statistical database

Meetings & Events

PROGRAMME:

AREA OF ACTIVITY:

YEAR:


- ModernStats World Workshop (27 - 30 October 2020)
- Workshop on Statistical Data Collection (5 - 8 October 2020)
- Data Collection and the impact, challenges and opportunities of the COVID-19 pandemic (5 - 8 October 2020)
- Workshop on Human Resources Management and Training (9 - 11 September 2020)
- 2020 Covid-19 response in the area of Human Resources Management and Training (9 - 11 September 2020)
- Workshop on Statistical Data Dissemination and Communication (7 - 9 September 2020)
- 2020 Covid-19 response in Statistical Data Dissemination and Communication (7 - 9 September 2020)
- Workshop on Statistical Data Editing (31 August - 4 September 2020)

UNECE Statistical Data Collection Workshops:


	When and Where
2020 Data Collection in Times of COVID-19	5 - 8 October 2020, Virtual
2019 New Sources and New Technologies	14 - 16 October 2019, Palais des Nations, Geneva
2018 Resourceful Data Acquisition	10 - 12 October 2018, Palais des Nations, Geneva
2017 Overcoming Challenges through Modernisation	10 - 12 October 2017, Statistics Canada, Ottawa
2016 Visions on Future Surveying	3 - 5 October 2016, Statistics Netherlands, The Hague
2015 Riding the Wave of the Data Deluge	29 April - 1 May 2015, US Bureau of Labor Statistics, Washington DC
2013 Seminar on statistical data collection	25 - 27 September 2013, UNECE, Switzerland, Geneva
2012 New frontiers in statistical data collection	31 October - 2 November 2012, UNECE, Switzerland, Geneva

Related Events:

Related Workshops (non-UNECE):	When and Where
5th International Workshop on Business Data Collection Methodology	19-21 September 2018, Statistics Portugal, Lisbon

 by HLG - MOS

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Sharing Tools Group in 2020

10th Annual Workshop of the High-Level Group for the
Modernisation of Official Statistics
18-19 November 2020

Sharing Tools

- Was mainly inactive in 2020

Activities:

- Finalizing CSPA 2.0 (to be released this year)
- Co-organizing ModernStats World workshop
- I3S project (but also delayed/frozen):
 - Shareable services (for CSPA catalogue)
 - Architecture Guidelines
 - Cookbook on integration
 - Communication/Survey etc.
- 2021: CSPA moved to Supporting Standards Group



Sharing Tools: achievements

- CSPA 2.0
- CSPA Logical Information Model
- Global Artefact Catalogue
 - Service Catalogue: at your service and add your service!
- Training material
- Concepts: containerization, adaptors, features/requirements etc.
- Finding out that sharing services is difficult
 - but developing on your own as well
 - and duplication is a waste
 - CSPA to be continued...



Questions

