



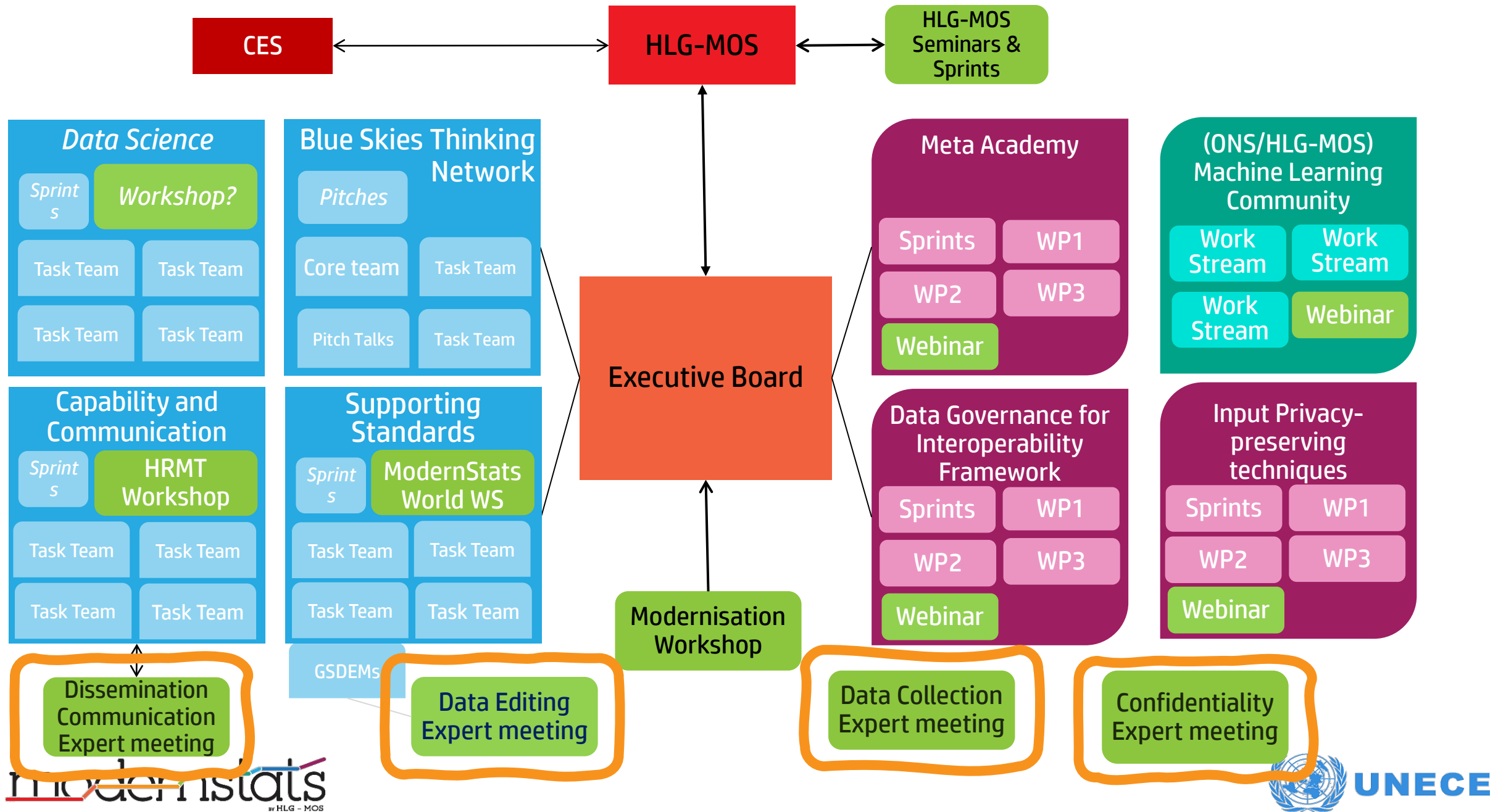
HLG-MOS Modernisation Workshop 2022

2022 HLG-MOS Expert Meetings

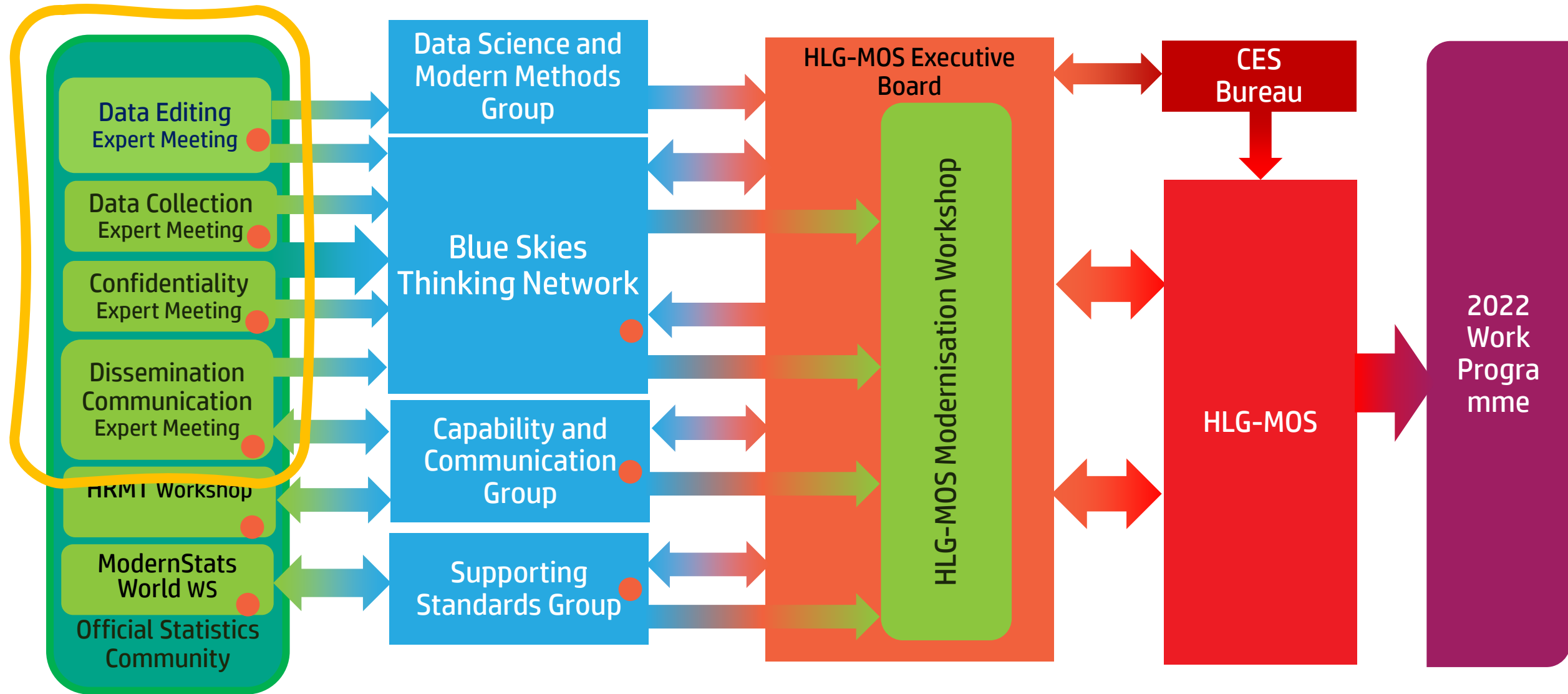
12th Annual Workshop of the High-Level Group for the
Modernisation of Official Statistics
22-23 November 2022



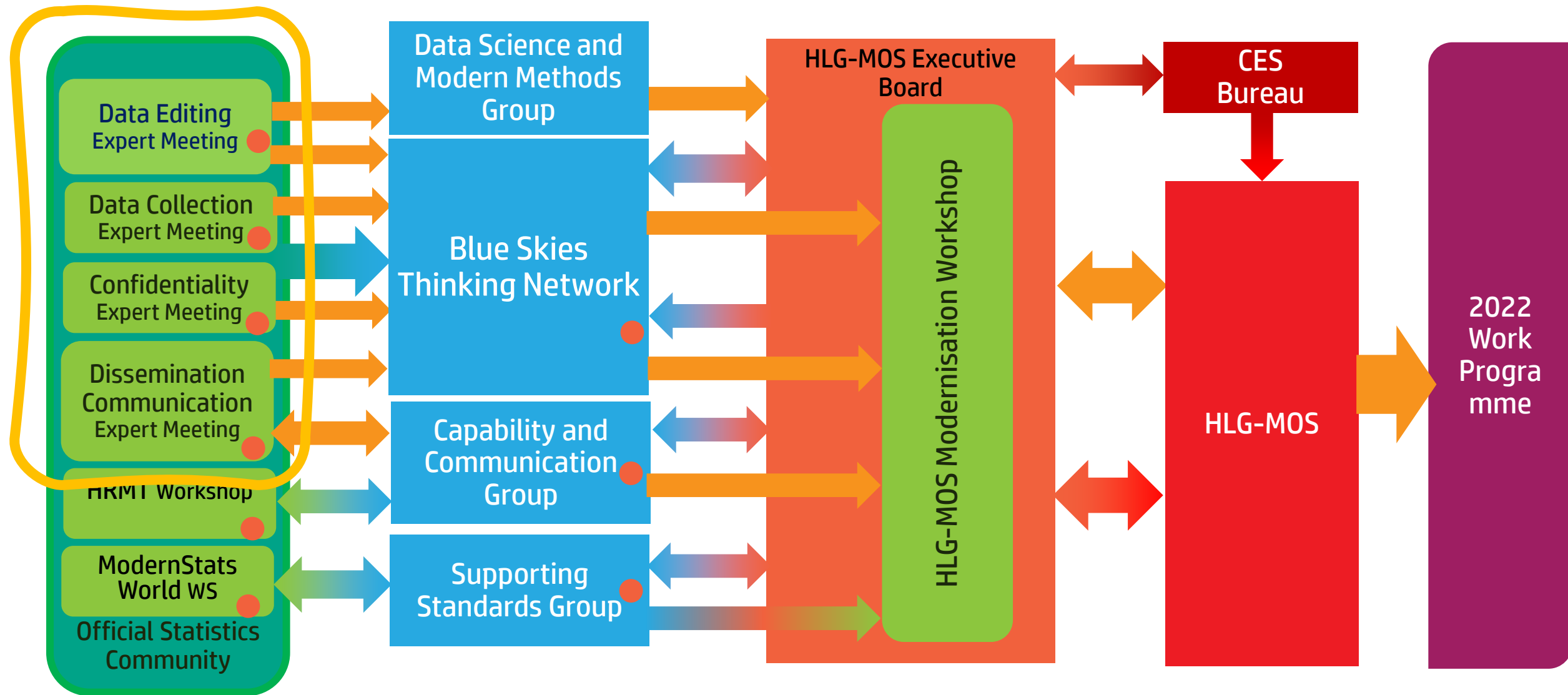
ModernStats World 2022



HLG-MOS Innovation Pipeline 2022



HLG-MOS Innovation Pipeline 2022



Purpose/Objectives HLG-MOS expert meetings and workshops

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

2021 onward: Every 24 Month in-person, in-between years shorter and more focused online meetings/webinars



Expert Meetings, Workshops, Webinars and Sprints 2022

- *HLG-MOS and Chief Statisticians' Sprint, 10 March 2022, online*
- *Synthetic Data Challenge, 24-28 January 2022, online*
- *ModernStats World Workshop, 27-29 June 2022, Belgrade*
 - *BSTN Cloud for Statistics Workshop, 29 June 2022, Belgrade*
- *ONS International Data Science Meeting, 12-14 July, Newport*
 - *ONS/UNECE Machine Learning Group sprint sessions 12-14 July*
 - *HLG-MOS Blue Skies Thinking Network sprint sessions 12-13 July*
 - *HLG-MOS Implementing Data Science and Modern Methods sprint sessions 13-14 July*
- **Expert Meeting on Dissemination and Communication of Statistics, 13-15 Sept., online**
- **Expert Meeting on Statistical Data Editing, 3-5 October 2022, online**
- *Workshop on Human Resource Management and Training, 11-13 October, Brussels*
- **Expert Meeting on Statistical Data Collection 'Towards a New Normal?', 26-28 Oct. Rome**
- *HLG-MOS Modernisation of Official Statistics Workshop, 22-23 November 2022, Geneva*
 - *Meta Academy Seminar 24 November*
 - *Input Privacy-Preservation Techniques Seminar 24 November*

Expert Meeting on Statistical Data Collection

- 26-28 October 2022
- 10th Edition (since 2012)
- 54 in person participants representing 24 organizations and about 70 online
- 33 presentations (62 submitted)
- Sessions:
 - Managing Multimode and Rapid Data Collection
 - Respondents Care - communication, improving response, reduce response burden, web portals and automated data collection
 - Responsive Design

Steering Committee:

- Ian O'Sullivan, chair (ONS, United Kingdom)
- Lise Rivais (Statistics Canada)
- Pasuale Papa (Istat, Italy)
- Susan Oudshoorn & Leonne Hollanders (Statistics Netherlands)
- Paulo Saraiva (Statistics Portugal)
- Ahmet Sari (Turkish Statistical Institute)
- *Andrea Ascheri* (Eurostat)
- Taeke Gjaltema & Wai Kit Si Tou (UNECE)

Expert Meeting on Statistical Data Collection

- Respondents as assets (paradigm shift): how to get their feedback; what we need to do to get them responding; building confidence; return of results to data providers
- Use of paradata: how to use paradata to improve response and measurement bias (including legal issues about usage)
- Depend less on survey data: how to use new techniques and more administrative and other non-survey sources
- Use of adaptive techniques and flexible solutions: how to use adaptive and flexible solutions to improve response and reduce costs and bias from selective non-response
- Improve social licensing: how to improve public awareness of what NSOs are doing and the value of survey data
- Differentiation in communication strategies: share experiences, e.g., use of apps and links sent by SMS to reach students or generation specific channels
- System-to-system data communication systems
- Mobile first approach: how to design mobile first questionnaire and use sensor data and other smartphone capabilities
- Changing role of field interviewers: how can their role be changed to help us
- Applying clever methods: how to combine probabilistic and non-probabilistic approaches and other shifts in how we collect data and accept risks of breaking time-series

Expert Meeting on Statistical Data Confidentiality

- 1-3 December 2021, Poznan, Poland
- 12th edition (since 1999, 2-year cycle)
- Topics:
 - Access to microdata;
 - Microdata protection;
 - Tabular data;
 - Risk assessment: Privacy, confidentiality, and disclosure;
 - Other emerging issues;
 - Software tools for statistical data confidentiality;

Steering Committee:

- Steven Thomas (Statistics Canada)
- Janika Tarkoma (Statistics Finland)
- Sarah Giessing (Destatis, Germany)
- Peter-Paul de Wolf & Eric Schulte-Nordholt (Statistics Netherlands)
- Josep Domingo (Universitat Rovira i Virgili)
- Krish Muralidhar (University of Oklahoma)
- Aleksandra Bujnowska & Wim Kloek (Eurostat)
- Christopher Jones & Taeke Gjaltema (UNECE)

Expert Meeting on Statistical Data Confidentiality

- Standardising and developing better measures of disclosure risk and utility or information loss, and relating them to parameters used, to automate the way they are balanced; and compare original and synthetic data.
- Examining how SDC techniques impact utility at the level of population or geographic subgroups within the dataset
- Studying risk and utility when SDC methods are combined
- Assessing risk by mimicking real-life attacks in an ethical way
- Relating the purpose of use of synthetic data (for inference versus prediction) to the choice of method used to generate it (how to)
- Using input privacy-preserving techniques for remote secure computation and privacy-preserving analytics (such as federated machine learning) in a multi-party context
- Training needs of SDC practitioners, and how to improve the access of low- and middle-income countries to SDC procedure best practices
- Communicating the principles of SDC techniques to those who use such data and educating data users (and perhaps regulators also) to not over-interpret small/insignificant numbers

Expert Meeting on Dissemination and Communication of Statistics

- 13-15 September 2022
- 20th Edition (since 2000)
- 160 Participants representing 60 organizations (33 Countries, 7 international organizations and 2 universities)
- 22 presentations
- Sessions:
 - Brand, Reputation, Trust – Who we are, What we stand for, Our place in society Broadening audiences
 - Market Research, Digital Marketing and Communication Strategies
 - Statistics Made Easy

Steering Committees:

- Kerstin Haensel (DESTATIS, Germany)
- Aeidin Sheppard & Elaine O'Mahoney (CSO Ireland)
- Lígia Nunes & Luís Campos (Banks of Portugal)
- Ana Margarida Rosa (Statistics Portugal)
- Emily Liddel (US BLS)
- Ellen Dougherty (U.S. Department of Agriculture)
- Lukasz Augustyniak & Colin Stewart (Eurostat)
- Terri Mitton (OECD)
- InKyung Choi, Taeke Gjaltema & Tetyana Kolomiyets (UNECE)

Expert Meeting on Dissemination and Communication of Statistics

- How to Measure success and the impact of our communication
- Identifying the resources and capabilities required in a modern communications team in a National Statistics Office
- Strategies to tackle and anticipate disinformation
- How to communicate official statistics making the most of the new tools used by digital natives (from TikTok to transmedia storytelling)
- Dissemination (or communication?) through open data principles
- Communication strategies for younger generations (Gen Z, Generation Alpha and new)
- The role of Metadata (terminology - statistical terms/definitions) on self-explanatory presentation and representation of Data
- Good practices and challenges in providing access to microdata
- Statistical literacy and social media - best platforms for which audiences? Do they attract enough (young) people?

Will be presented next

Planned Expert Meetings and Workshops 2023

- HLG-MOS, *March-April 2023 tbd*
- **Expert Meeting on Machine Learning, 21-23 June 2023**
- **Expert Meeting on Dissemination and Communication of Statistics, 9-11 October 2023, Lisbon, Portugal**
- **Expert Meeting on Statistical Data Confidentiality, 26-28 September (tbc), Wiesbaden, Germany**
- **Expert Meeting on Statistical Data Collection, May-June (tbd), online**
- HLG-MOS Modernisation Workshop, 20-22 November 2023, Geneva, Switzerland
- Webinars (2023 Projects/Communities)??
- Sprints??