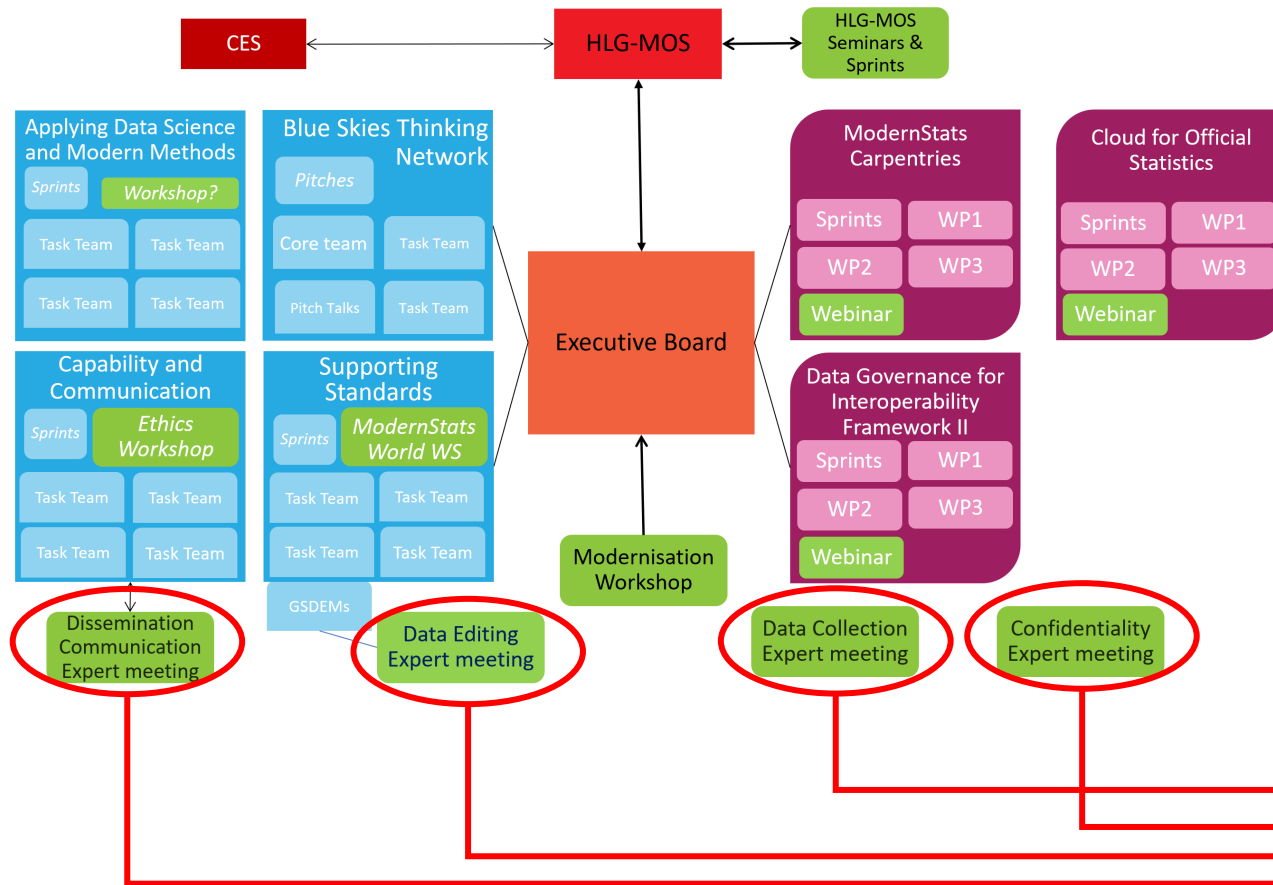


# HLG-MOS Expert Meetings 2023

InKyung Choi (UNECE)

# HLG-MOS Expert Meetings

ModernStats World 2023

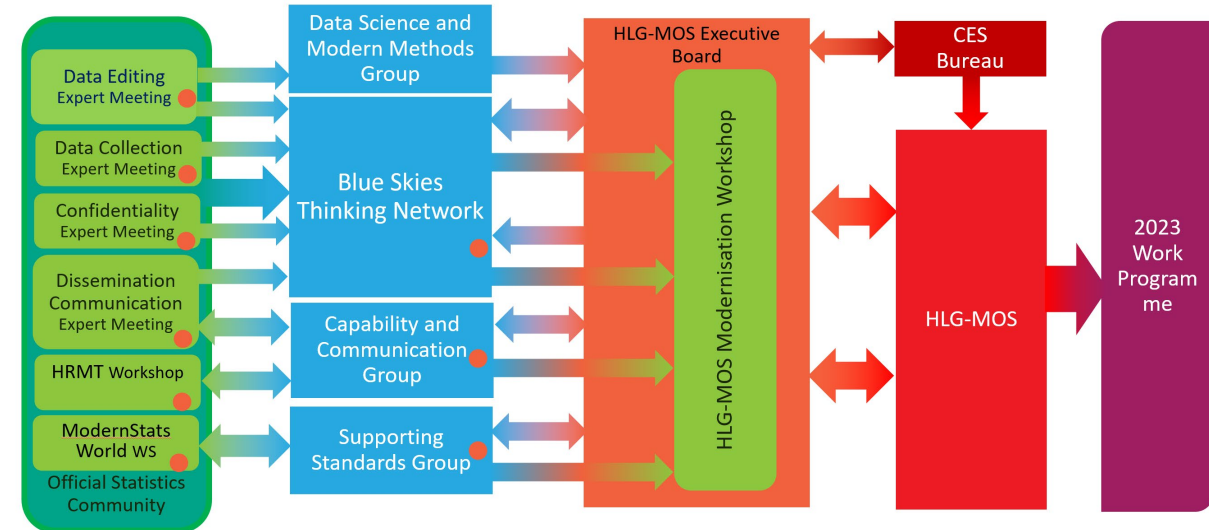


Overarching Processes							
Specify needs	Design	Build	Collect	Process	Analyse	Disseminate	Evaluate
1.1 Identify needs	2.1 Design output	3.1 Reuse or build collection instrument	4.1 Create frame and select sample	5.1 Integrate data	6.1 Prepare draft outputs	7.1 Update output systems	8.1 Gather evaluation inputs
1.2 Consult and confirm needs	2.2 Design variable descriptions	3.2 Reuse or build processing and analysis component	4.2 Set up collection	5.2 Classify and code	6.2 Validate outputs	7.2 Produce dissemination products	8.2 Conduct evaluation
1.3 Establish output objectives	2.3 Design collection	3.3 Reuse or build dissemination component	4.3 Run collection	5.3 Review and validate	6.3 Interpret and explain outputs	7.3 Manage release of dissemination products	8.3 Agree an action plan
1.4 Identify concepts	2.4 Design frame and sample	3.4 Configure workflows	4.4 Finalise collection	5.4 Edit and impute	6.4 Apply disclosure control	7.4 Promote dissemination products	
1.5 Check data availability	2.5 Design processing and analysis	3.5 Test production systems		5.5 Derive new variables and impute	6.5 Finalise outputs	7.5 Promote dissemination products	
1.6 Prepare and submit business case	2.6 Design production systems and workflow	3.6 Test statistical business process		5.6 Calculate weights		7.5 Manage user support	
		3.7 Finalise production systems		5.7 Calculate aggregates			
				5.8 Finalise data files			

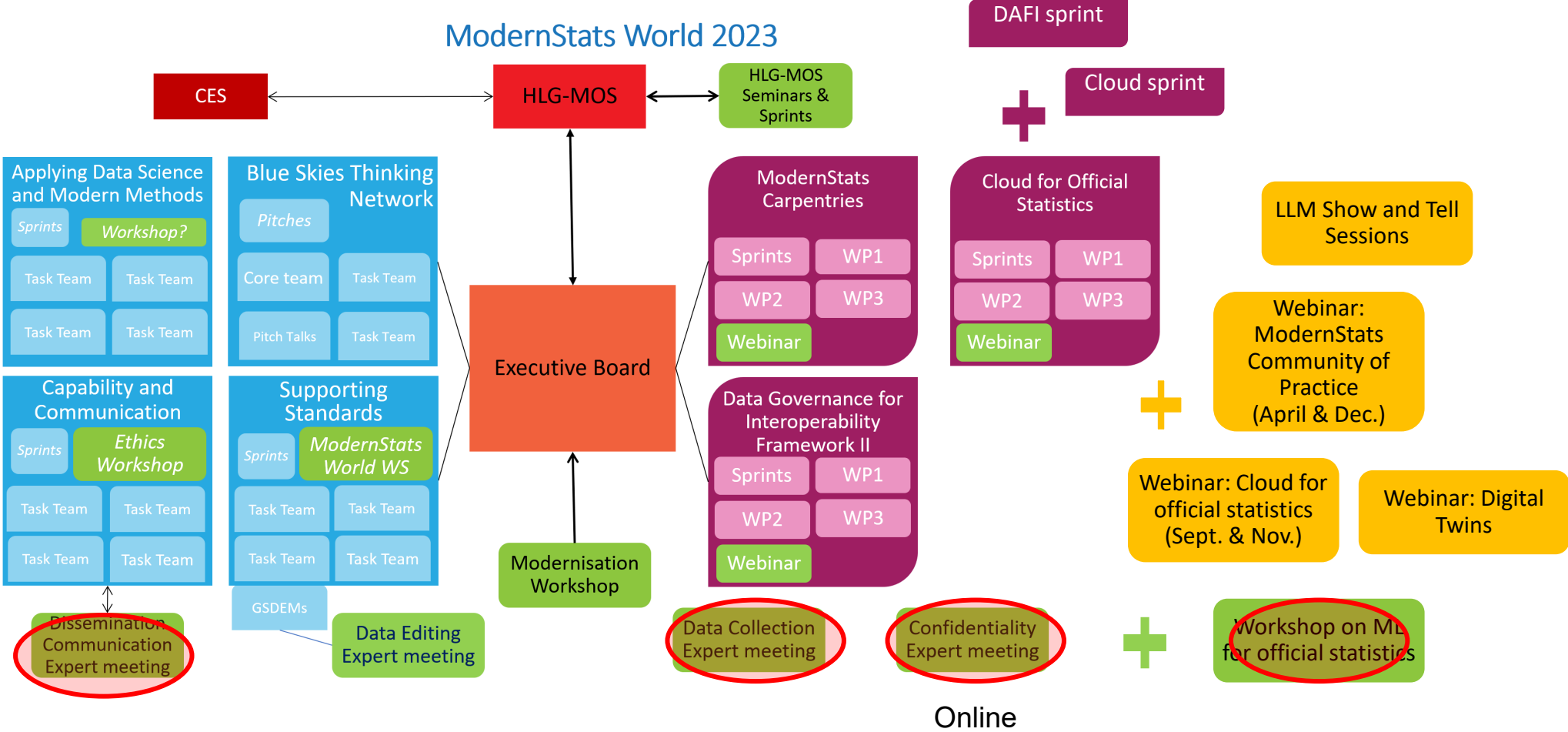
# HLG-MOS Expert Meetings

- Objectives: provides platforms for experts to share experiences and lessons learned with focus on innovative practices; identifies future work areas
- Elements: presentation, small group discussions, prioritisation of future works
- Frequency: (2021 onward) in-person every 2 years

HLG-MOS Innovation Pipeline 2023



# HLG-MOS Expert Meetings in 2023



# HLG-MOS Expert Meetings in 2023

- 54 participants from 22 countries, 6 international organisations as well as academia
- Organising Committee: Michael Reusens (Belgium), Joni Karanka (UK), Florian Dumpert (Germany), Ralf Becker (UNSD), Riitta Piela (Finland), Dominika Nowak (Poland)
- Session: ML applications; Quality aspects of ML in official statistics; Toward system-wide transformation of statistical production
- Highlights: various use cases; sound policy on quality to build public confidence in ML; infrastructure – both facilitator and blockers; generative AI getting prominence

## Machine Learning for Official Statistics Workshop

(5-7 June; Geneva, Switzerland)



# HLG-MOS Expert Meetings in 2023

- 174 participants from 33 countries as well as many international organisations
- Organising Committee: Pasquale Papa (Italy), Ian O’Sullivan (UK), Leonne Hollanders and Vera Toepoel (Netherlands), Rock Lemay (Canada), Paulo Saraiva dos Santos (Portugal) and Önder Değirmenci (Türkiye)
- Session: Respondents as Assets; Paradata and Data Collection Techniques; Process Efficiency Management
- Future works: Hiring and maintaining field staff; Sharing general-purpose collection/processing strategies between agencies (web-scraping systems, image-to-text tools etc); Building connection between methodological and practical data collection;

## Expert Meeting on Statistical Data Collection

(12-14 June; online)



# HLG-MOS Expert Meetings in 2023

- 105 participants representing NSOs, central banks, international organisations as well as many universities and research institutes
- Organising Committee: Annu Cabrera (Finland), Sarah Giessing (Germany), Eric Schulte Nordholt and Peter-Paul de Wolf (Netherlands), Tomasz Klimanek (Poland), Aleksandra Bujnowska (Eurostat), Krish Muralidhar (University of Oklahoma), and Josep Domingo-Ferrer (Universitat Rovira i Virgili)
- Future works: Synthetic data for official statistics; Enhancing privacy when data is connected (across time/space/etc.); Data Privacy vs Utility; How to communicate SDC to different audiences; Data sharing architecture and best practices

## **Expert Meeting on Statistical Data Confidentiality**

(26-28 September; Wiesbaden, Germany)

Hosted by Federal Statistical Office of Germany, in cooperation with the RheinMain University of Applied Sciences



# HLG-MOS Expert Meetings in 2023

- 102 participants representing NSOs and central banks
- Co-chairs: Kerstin Hänsel (Germany), Lígia Nunes and Luís Campos (Portugal), Ellen Dougherty and Emily Liddel (U.S.), Lukasz Augustyniak (Eurostat), Terri Mitton, Laura Belli and Vincent Finat-Duclos (OECD)
- Session: Building trust and brand; Engaging with hard-to-reach audience; Innovation in communications; Measuring the effectiveness of communication
- Highlights: Need for change of mindset (production); Importance of awareness of NSO role when accessing privately-held data; Innovative techniques (scrollytelling, chatbots, generative AI); measuring success of communications

## **Expert Meeting on Dissemination and Communication of Statistics**

(11-13 Oct.; Lisbon, Portugal)

Hosted by Statistics Portugal





# HLG-MOS Expert Meetings in 2024



TBC

- Human Resources Management and Training
- Expert Meeting on Dissemination and Communication