# High-Level Group for the Mondernisation of Official Statistics

**Expert Meeting on Statistical Data Editing**

3 - 6 October 2022, Online

Taeke Gjaltema (UNECE)

# High-Level Group for the Modernisation of Official Statistics HLG-MOS
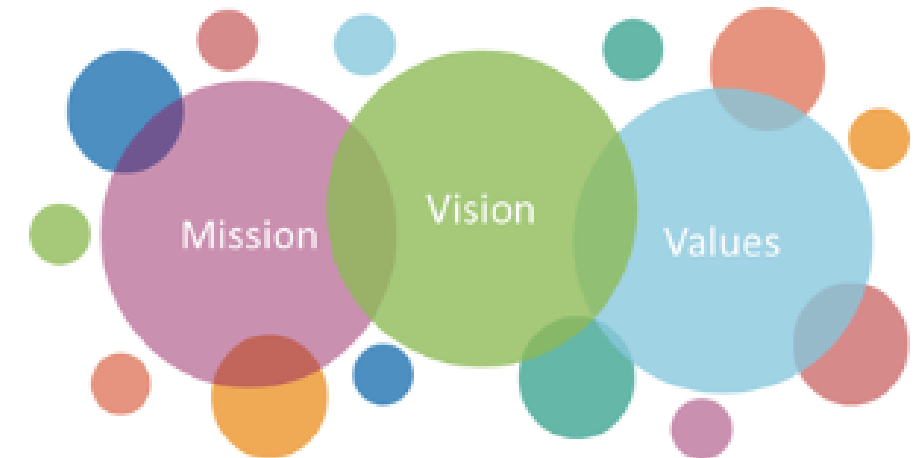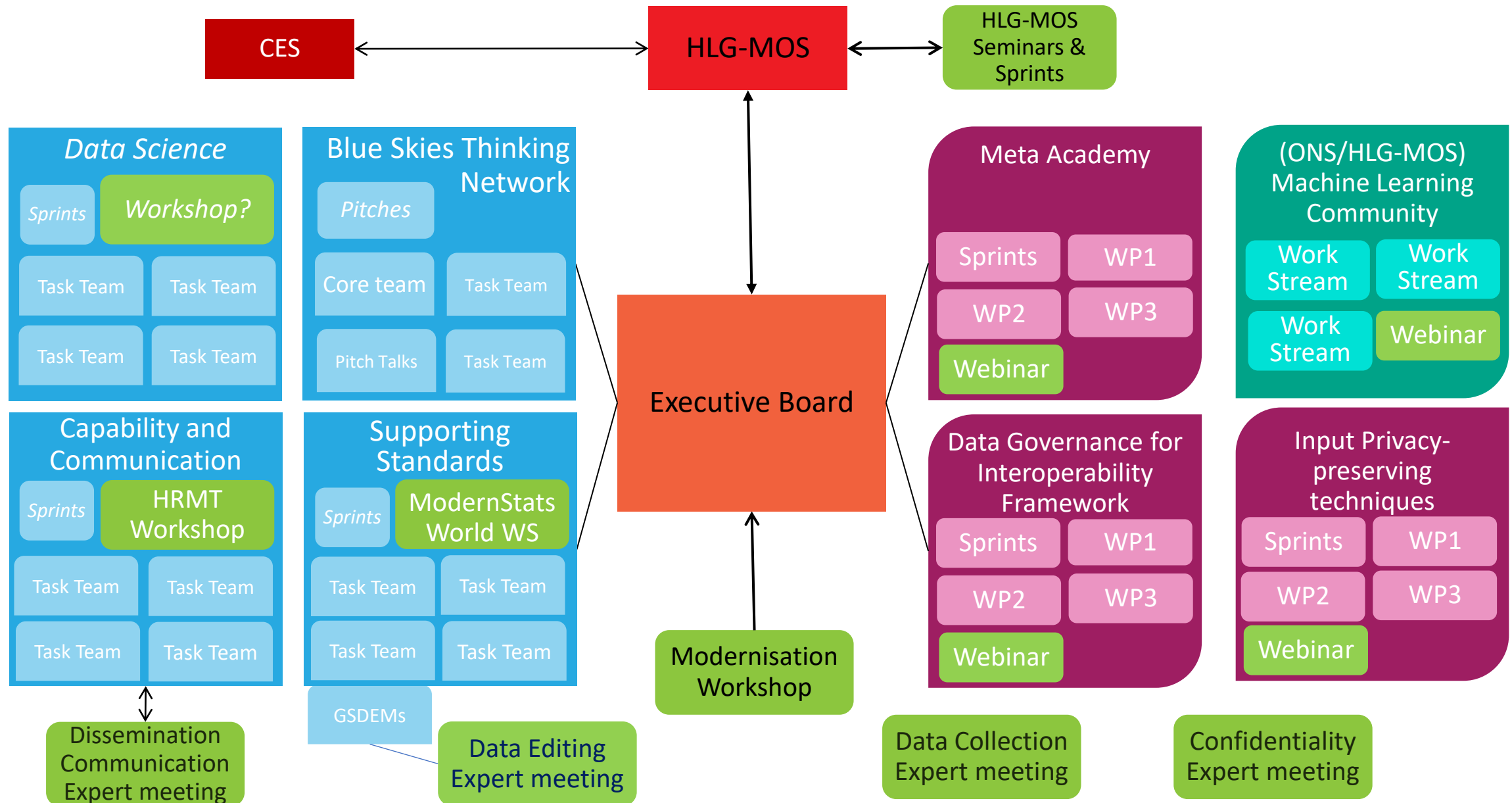## *A Collaboration of the Willing*

- Activities are voluntary and demand driven

- Strategic Vision and oversight by HLG-MOS
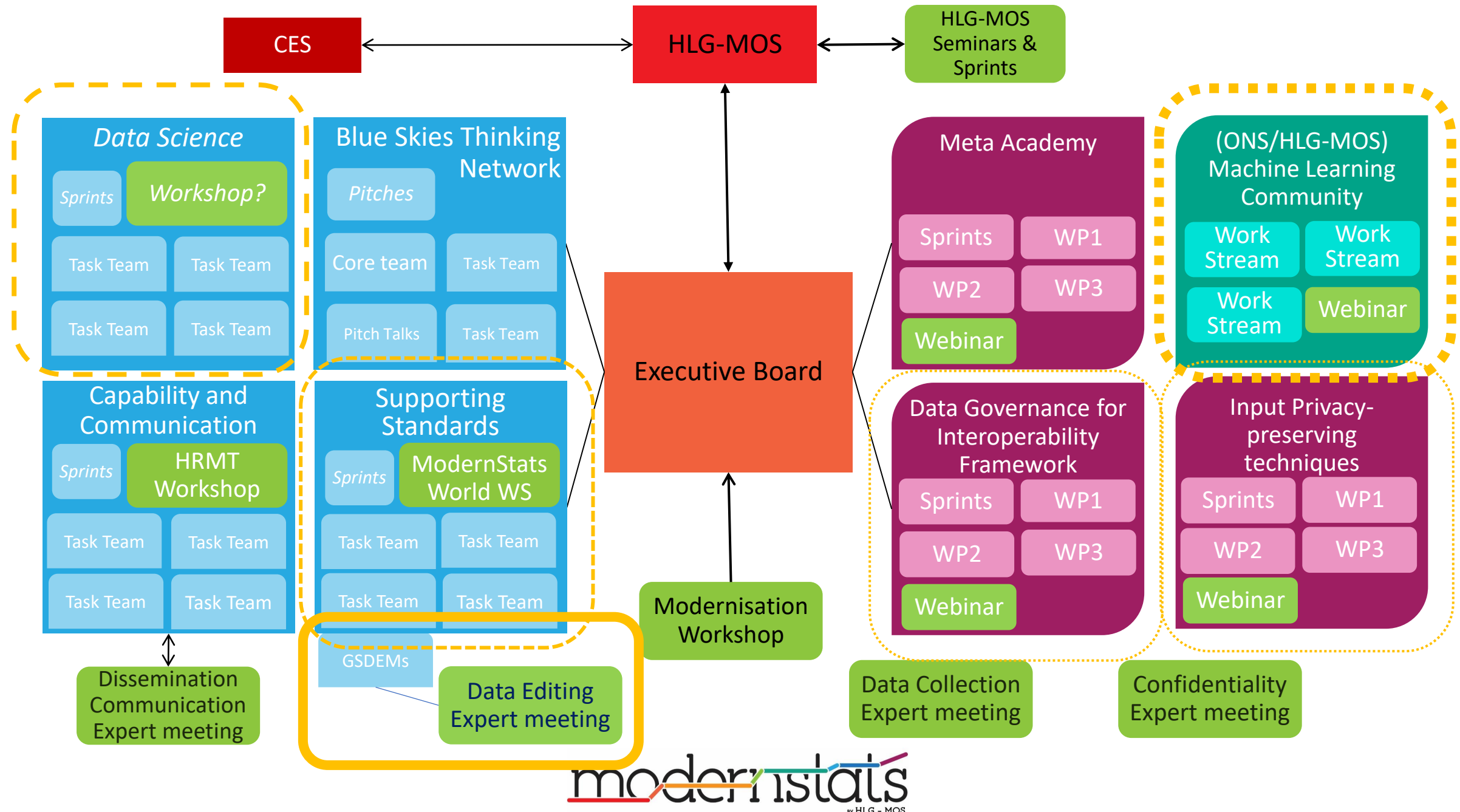
- Actively steered by an Executive Board

- Four main principles:
  - Openness
  - Flexibility
  - Participation
  - Pragmatism

- Everybody can join and participation at all levels

# ModernStats World 2022

**CES** ↔ **HLG-MOS** ↔ **HLG-MOS Seminars & Sprints**

**Data Science**
- Sprints
- *Workshop?*
- Task Team
- Task Team
- Task Team
- Task Team

**Blue Skies Thinking Network**
- *Pitches*
- Core team
- Task Team
- Pitch Talks
- Task Team

**Capability and Communication**
- Sprints
- HRMT Workshop
- Task Team
- Task Team
- Task Team
- Task Team

**Supporting Standards**
- Sprints
- ModernStats World WS
- Task Team
- Task Team
- Task Team
- Task Team
- GSDEMs

**Executive Board**

**Meta Academy**
- Sprints
- WP1
- WP2
- WP3
- Webinar

**(ONS/HLG-MOS) Machine Learning Community**
- Work Stream
- Work Stream
- Work Stream
- Webinar

**Data Governance for Interoperability Framework**
- Sprints
- WP1
- WP2
- WP3
- Webinar

**Input Privacy-preserving techniques**
- Sprints
- WP1
- WP2
- WP3
- Webinar

**Modernisation Workshop**

**Dissemination Communication Expert meeting**

**Data Editing Expert meeting**

**Data Collection Expert meeting**

**Confidentiality Expert meeting**

modernstats
BY HLG - MOS

# ModernStats World 2022

CES ←→ HLG-MOS ←→ HLG-MOS Seminars & Sprints

**Data Science**
- Sprints
- *Workshop?*
- Task Team
- Task Team
- Task Team
- Task Team

**Blue Skies Thinking Network**
- *Pitches*
- Core team
- Task Team
- Pitch Talks
- Task Team

**Executive Board**

**Meta Academy**
- Sprints
- WP1
- WP2
- WP3
- Webinar

**(ONS/HLG-MOS) Machine Learning Community**
- Work Stream
- Work Stream
- Work Stream
- Webinar

**Capability and Communication**
- Sprints
- HRMT Workshop
- Task Team
- Task Team
- Task Team
- Task Team

**Supporting Standards**
- Sprints
- ModernStats World WS
- Task Team
- Task Team
- Task Team
- Task Team
- GSDEMs

Data Editing Expert meeting

Modernisation Workshop

**Data Governance for Interoperability Framework**
- Sprints
- WP1
- WP2
- WP3
- Webinar

**Input Privacy-preserving techniques**
- Sprints
- WP1
- WP2
- WP3
- Webinar

Dissemination Communication Expert meeting

Data Collection Expert meeting

Confidentiality Expert meeting

modernstats
BY HLG - MOS

# Activities related to Data Editing

- ONS-UNECE Machine Learning Group/community:
  - **Edit and Imputation**, Coding and classification, Modelling, imagery
  - Quality of training data and algorithms; model retraining; data science capability; IT infrastructure
  - UK ONS-UNECE Machine Learning Group 2022 webinar
  - Coffee & Coding Session with Statistics Canada ONS-UNECE ML Group (2 November)
- Applying Data Science and Modern Methods - Data editing task team:
  - organisational aspects in applying data science and modern methods in data editing
  - generic guidance on the adoption of data science and modern methods in data editing (focus on implementing Machine Learning approaches)
- Supporting Standards: GSIM, Core Ontology, GSBPM

modernstats
BY HLG - MOS

# Generic Statistical Data Editing Model
## GSDEM

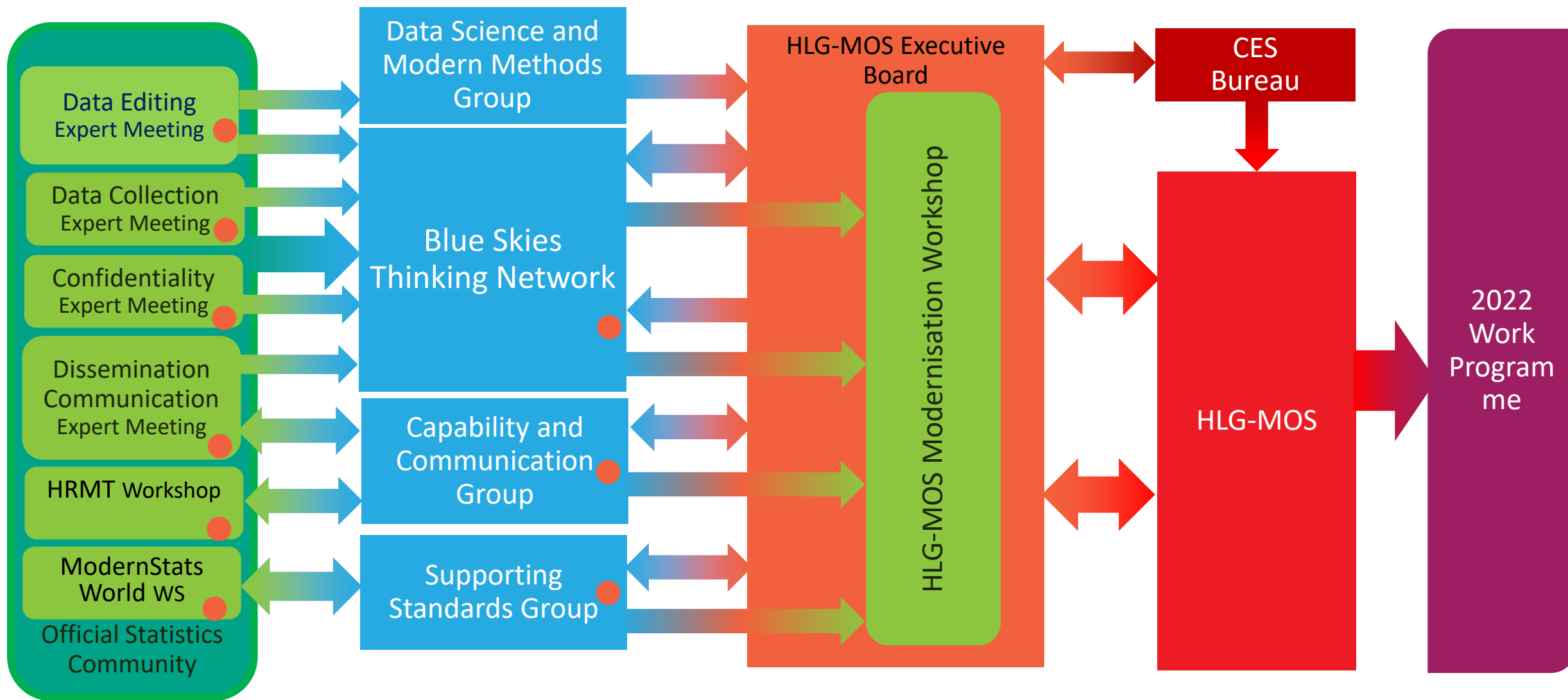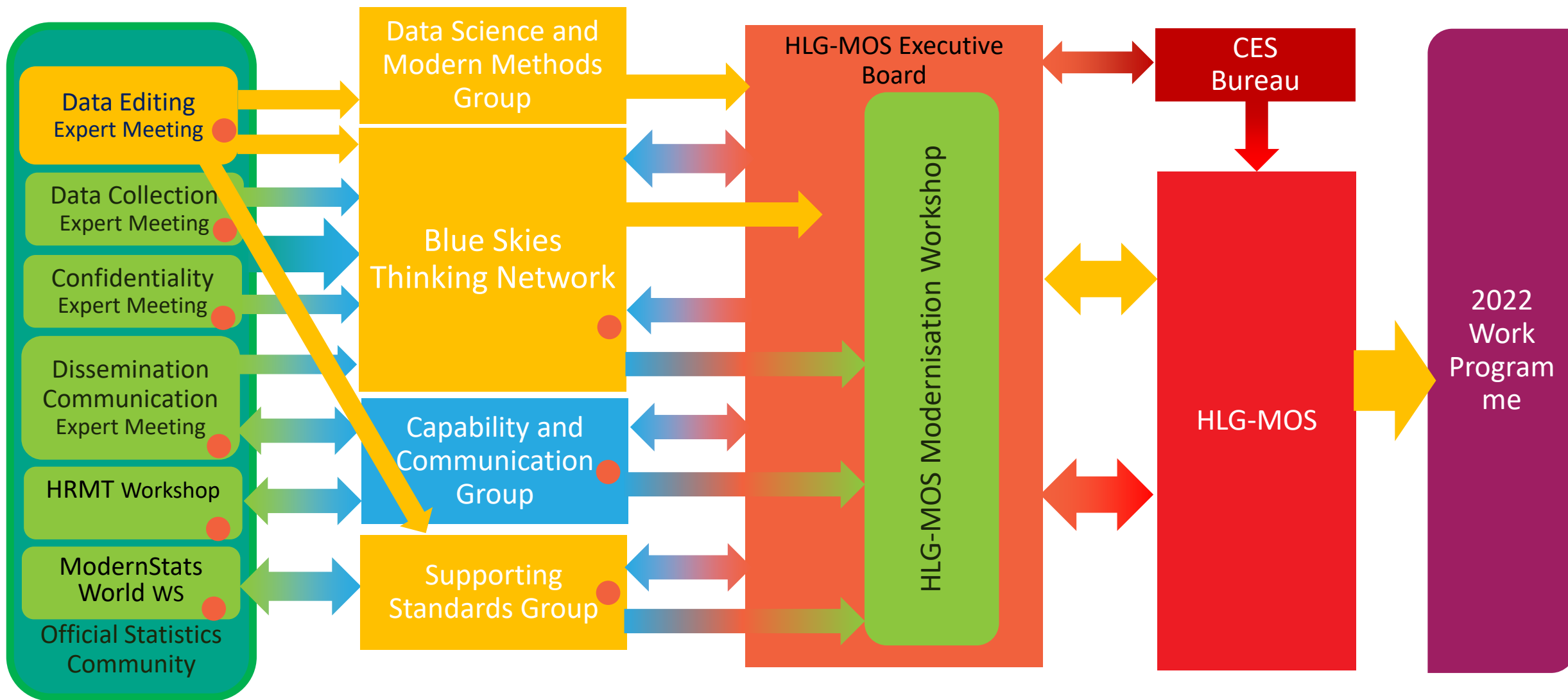## Standard reference for statistical data editing

- Common terminology
- Functions and methods
- Types of metadata
- Process elements
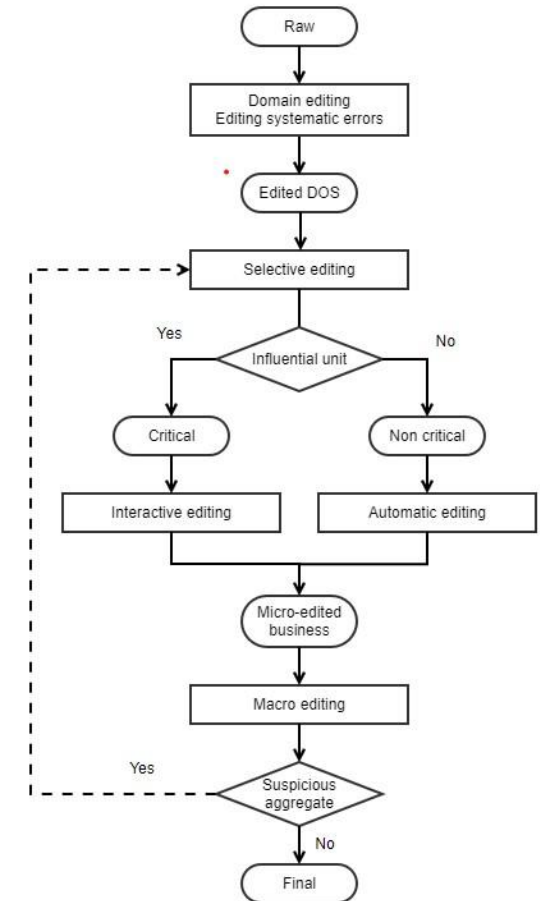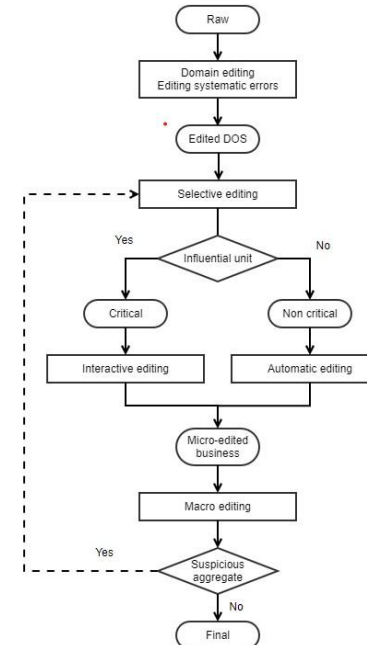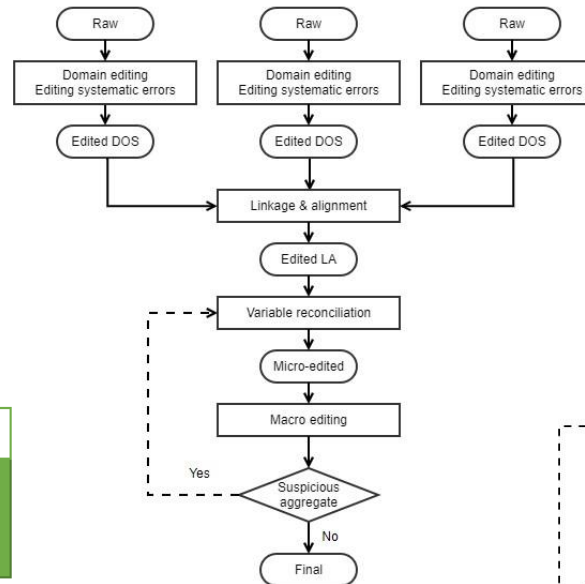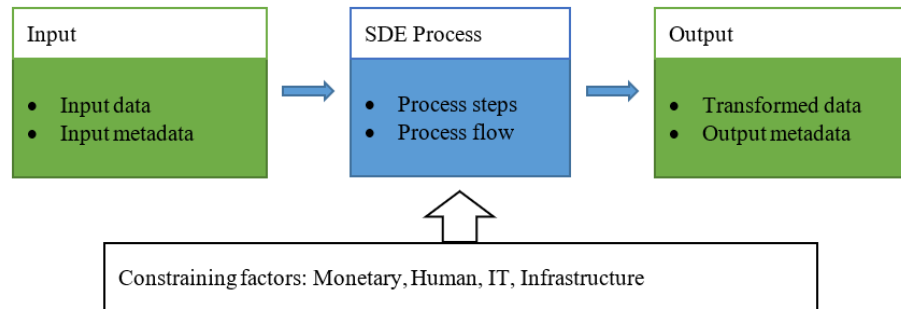
# HLG-MOS Innovation Pipeline 2022

# HLG-MOS Innovation Pipeline 2022

# Expert Meeting on Statistical Data Editing (SDE2022)

# Links & further information:

- [Expert Meetings and Workshops on Statistical Data Editing](#)

- [GSDEM](#)

- [Machine Learning for Official Statistics (Project/Community)](#)

- [HLG-MOS (main portal)](#)

- [Other HLG-MOS/Modernstats workshops](#)

- [GSBPM](#)

- [GSIM](#)