High-Level Group for the Modernisation of Official Statistics
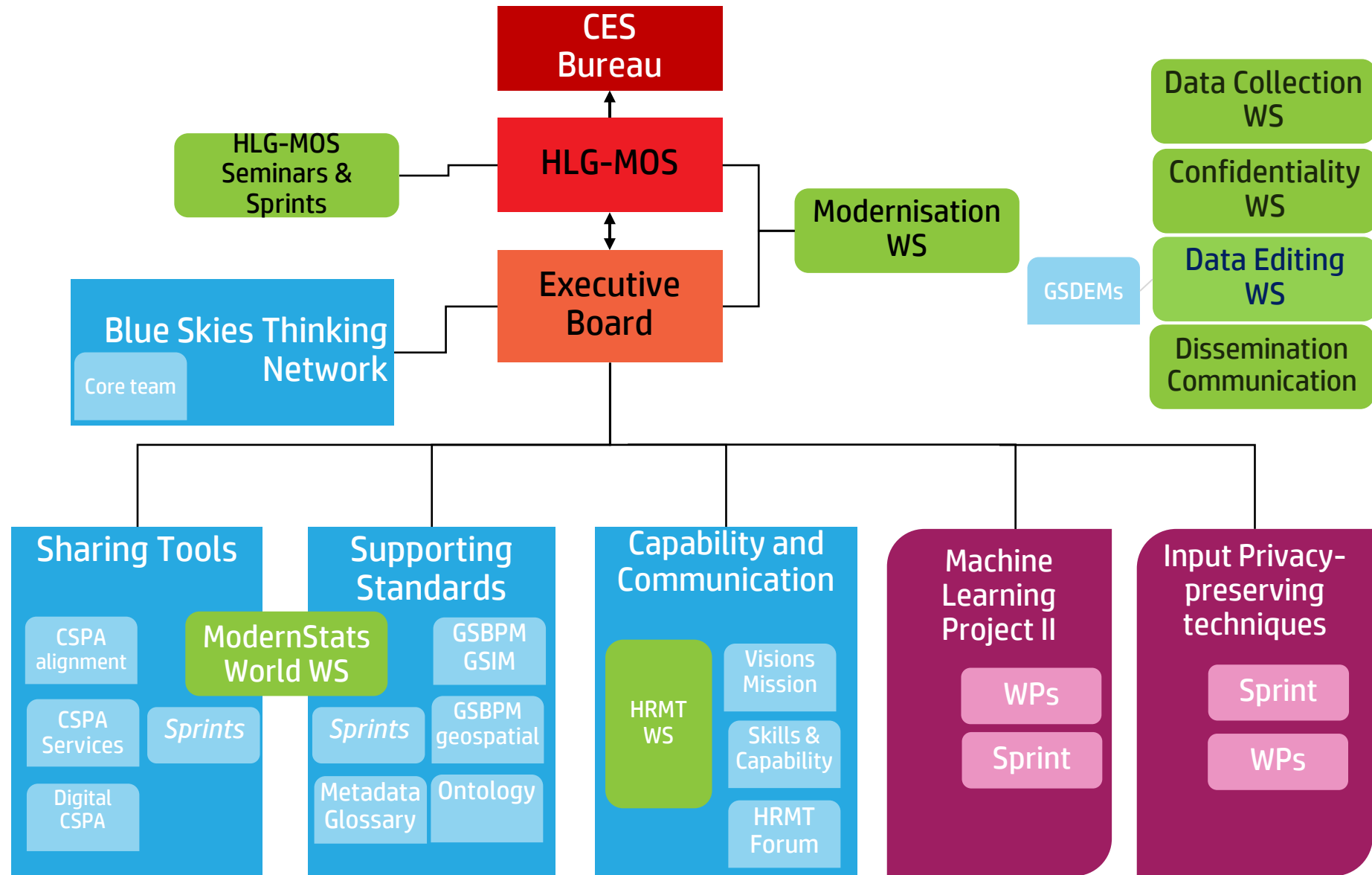
ModernStats World Workshop 2020, 27-30 October, virtual

Taeke Gjaltema
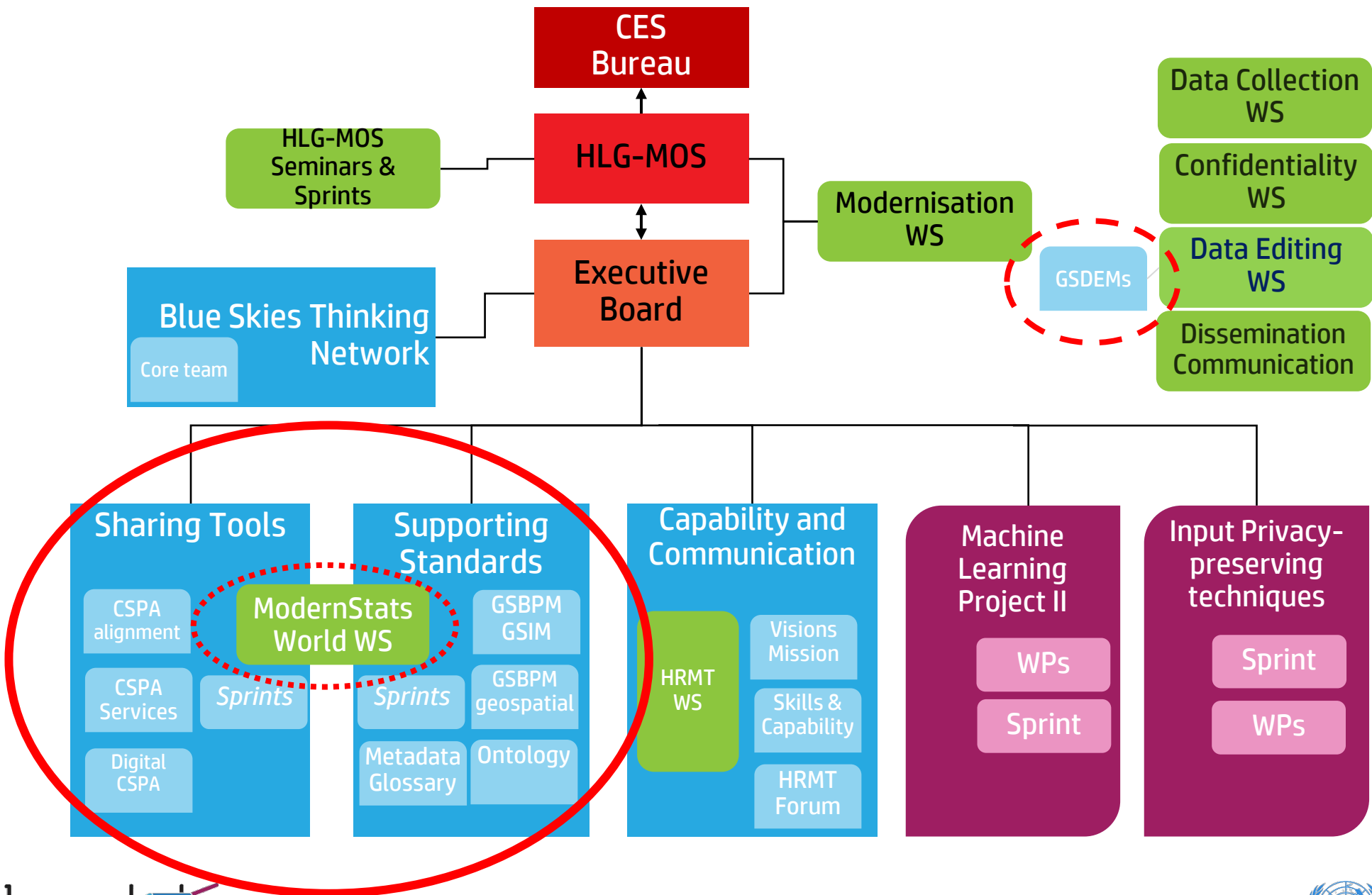
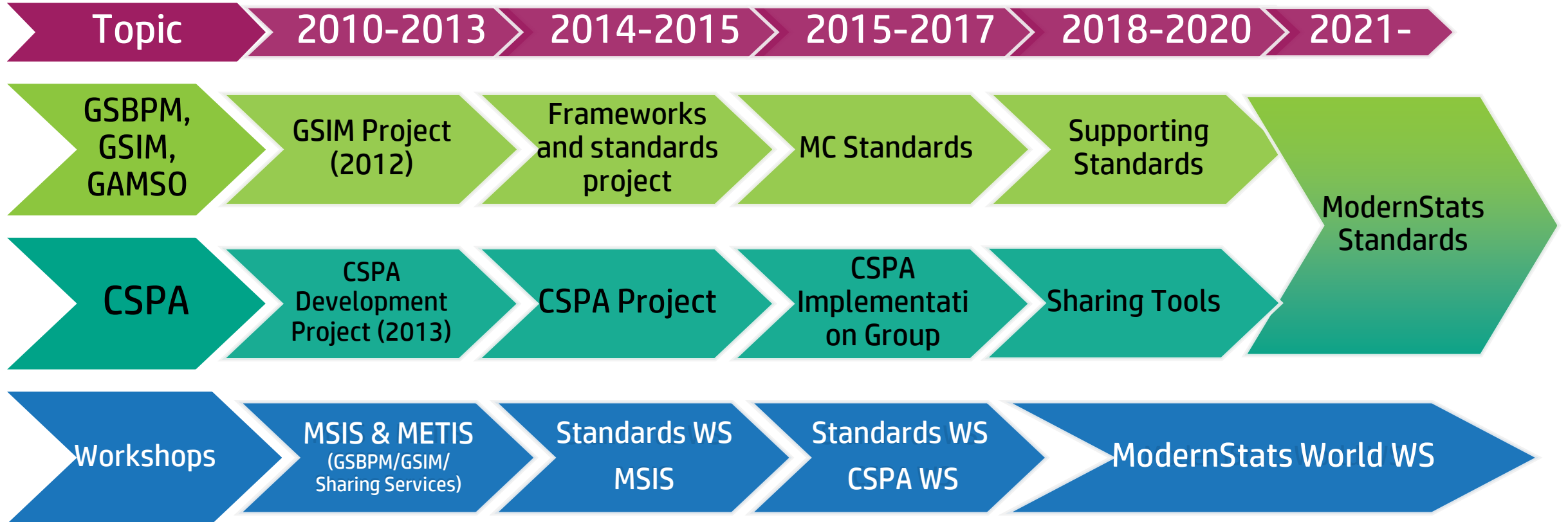*Modernisation and Management Unit, Statistical Division, UNECE*

ModernStats World 2020

CES Bureau

HLG-MOS

HLG-MOS Seminars & Sprints

Executive Board

Blue Skies Thinking Network
- Core team

Modernisation WS

GSDEMs

Data Collection WS

Confidentiality WS

Data Editing WS

Dissemination Communication

Sharing Tools
- CSPA alignment
- ModernStats World WS
- CSPA Services
- Sprints
- Digital CSPA

Supporting Standards
- GSBPM GSIM
- Sprints
- GSBPM geospatial
- Metadata Glossary
- Ontology

Capability and Communication
- HRMT WS
- Visions Mission
- Skills & Capability
- HRMT Forum

Machine Learning Project II
- WPs
- Sprint

Input Privacy-preserving techniques
- Sprint
- WPs

ModernStats World 2020

Standards & Tools 2010-2020

Topic	2010-2013	2014-2015	2015-2017	2018-2020	2021-
GSBPM, GSIM, GAMSO	GSIM Project (2012)	Frameworks and standards project	MC Standards	Supporting Standards	ModernStats Standards
CSPA	CSPA Development Project (2013)	CSPA Project	CSPA Implementation Group	Sharing Tools	
Workshops	MSIS & METIS (GSBPM/GSIM/ Sharing Services)	Standards WS MSIS	Standards WS CSPA WS	ModernStats World WS	

modernstats
BY HLG - MOS

UNECE

Network & Projects 2020

Blue Skies Thinking Network

- Synthetic Data Sets
- Data Science Lab
- Data-driven decision making support
- Statsbots
- *Evaluation new topics and project Proposal*

Machine Learning Project

- 19 Pilot Studies to show value added of types of ML
- Quality Framework
- Integration of ML

Input Privacy-Preservation Project

- Statistical use-cases
- Secure Multiparty Computation
- Homomorphic Encryption
- Identify implementation of methods and sharing solutions

Modernisation Groups 2020

Sharing Tools

- Create interactive CSPA suite of documentation
- Review Architectural Recommendations
- Streamlining CSPA and integration new concepts
- Adjust CSPA Catalogue & add services
- *ModernStats World Workshop 2020*

Capabilities and Communication

- Competencies Training and Development
- Future Workplace
- Ethical Leadership Framework
- Culture Change and Internal Comms Strategy
- Skills and Capability Framework
- Social Media Strategy
- Staff Comms Training
- *HRMT workshop &sprint*

Supporting Standards

- Linking GSBPM & GSIM
- Core Ontology for Official Statistics
- Metatada Glossary
- Updating GSIM
- GSBPM for Geospatial Information
- *ModernStats World Workshop 2020*

Recent Supporting Standards and Sharing Tools

- Alignment of overarching processes in GSBPM with GAMSO
- Linking GSBPM & GSIM
- Core Ontology for Official Statistics
- Metadata Glossary
- Updating GSIM
- GSBPM for Geospatial Information
- GSBPM revision
- GSIM revision
- GAMSO update

- CSPA Service Catalogue
- CSPA Application Architecture Patterns
- Assess Compliance of CSPA Services
- CSPA revision/update
- CSPA LIM
- GSDEM revision/update
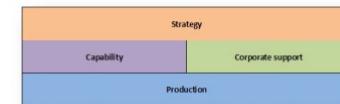
- **ModernStats World Workshop**

And Now…

Share
Interact
Get Involved

ModernStats Achievements:

- **G**eneric **S**tatistical **B**usiness **P**rocess **M**odel (GSBPM)

- **G**eneric **S**tatistical **I**nformation **M**odel (GSIM)

- **C**ommon **S**tatistical **P**roduction **A**rchitecture (CSPA)

- **G**eneric **A**ctivity **M**odel for **S**tatistical **O**rganizations (GAMSO)

- **G**eneric **S**tatistical **D**ata **E**diting **M**odel (GSDEM)

Some of the other output

High-Level Group for the Modernisation of Official Statistics

- Common Statistical Data Architecture 1.0 (CSDA)
- Data Integration Guidelines *link*
- Common Metadata Framework *link*
- Linked Open Metadata *link*
- Strategic Communications Framework link
- Guidelines on Risk Management *link*
- Guidelines for Managers *link*
- Big Data Inventory *link*
- Investment Catalogue *link*
- CSPA Catalogue *link*