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**United Nations Economic Commission for Europe  
Statistical Division**

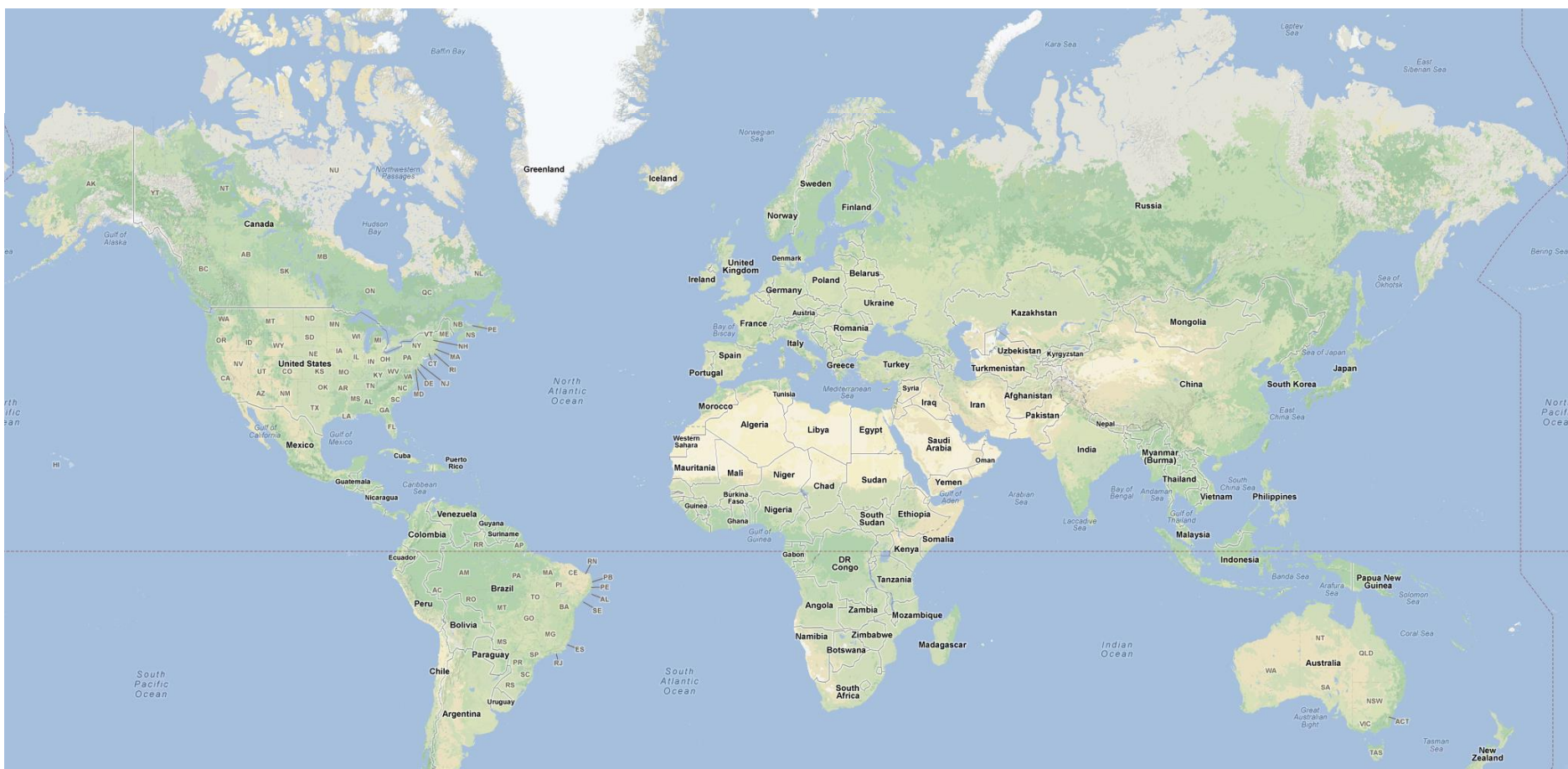
# Briefing on the modernstats Initiative

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# Introducing UNECE Statistics





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# UNECE Statistics: Priorities

- ❖ Population censuses, migration, gender
- ❖ Globalisation, National Accounts, employment, business registers
- ❖ Sustainable development, environmental accounts, climate change
- ❖ Modernisation



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# Introducing the HLG-MOS

- ❖ High-level Group for the Modernisation of Official Statistics
- ❖ Created by the CES Bureau in 2010
- ❖ Strategic vision endorsed by CES in 2011/2012
- ❖ Annual projects in priority areas
- ❖ Activities: **Voluntary and demand driven**

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# Who are the HLG-MOS members?



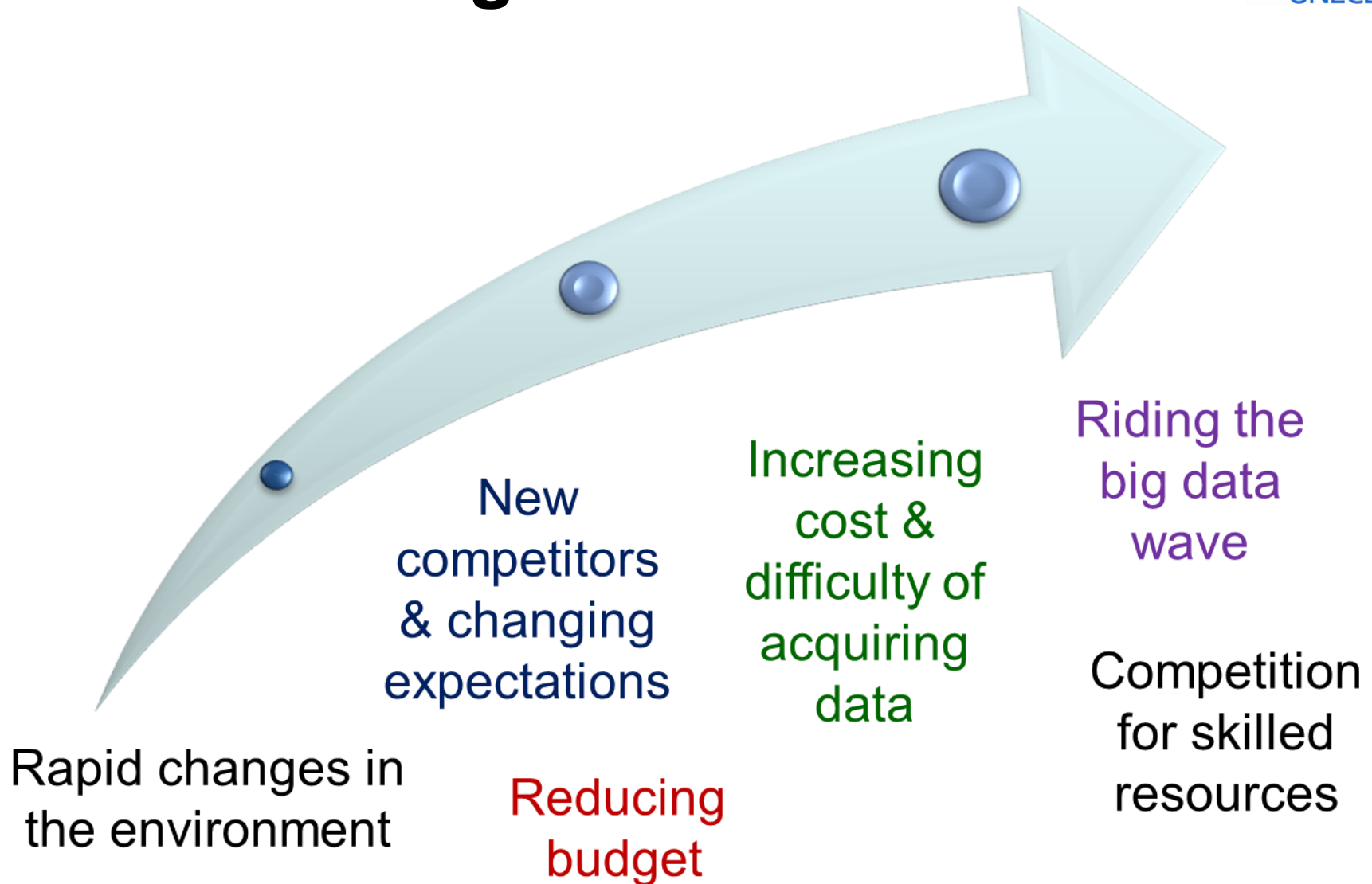
- ❖ Ireland - Chair
- ❖ Australia
- ❖ Canada
- ❖ Italy
- ❖ Netherlands
- ❖ New Zealand
- ❖ Republic of Korea
- ❖ Slovenia
- ❖ Eurostat
- ❖ OECD
- ❖ UNECE



# Why is the HLG-MOS needed?

Before the HLG-MOS	Now
Many expert groups	Clear vision
Little coordination	Agreed priorities
No overall strategy	Strategic leadership
Limited impact	Real progress

# The challenges





These challenges are too big  
for statistical organisations to  
tackle on their own

**We need to work together**





**HLG-MOS**

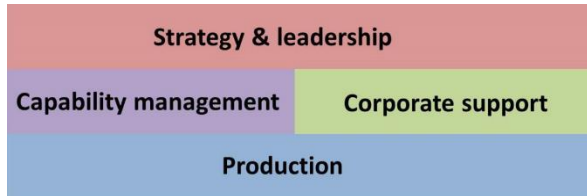


**Expert  
Groups**

**Projects  
and  
activities**



# GAMSO

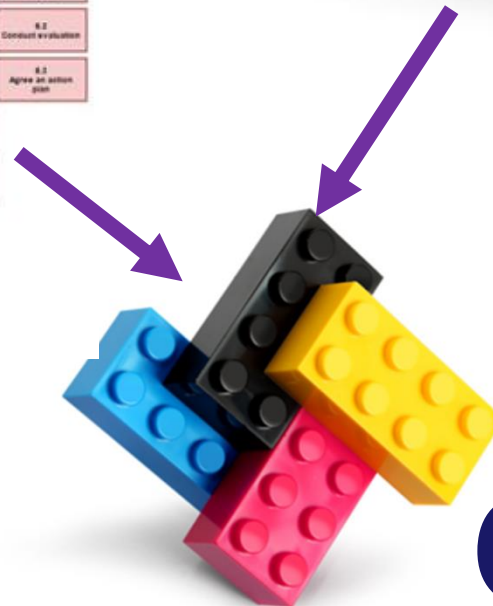


# GSIM

Quality Management / Metadata Management

Specify Needs	Design	Build	Collect	Process	Analyse	Disseminate	Evaluate
1.1 Identify needs	2.1 Design outputs	3.1 Build collection instrument	4.1 Create frame & record schema	5.1 Create data model	6.1 Create data dictionary	7.1 Create output systems	8.1 Gather evaluation inputs
1.2 Consult & confirm needs	2.2 Design inputs	3.2 Build metadata	4.2 Create metadata	5.2 Create metadata	6.2 Create metadata	7.2 Create metadata	8.2 Conduct evaluation
1.3 Establish output objectives	2.3 Design objectives	3.3 Build or enhance metadata	4.3 Review metadata	5.2 Interpret & explain outputs	6.2 Interpret & explain outputs	7.2 Manage release of dissemination products	8.2 Agree an action plan
1.4 Identify concepts	2.4 Design sample	3.4 Configure workflows	4.4 Finalize collection	5.4 Edit & impute	6.4 Apply disclosure control	7.4 Promote dissemination products	
1.5 Check data availability	2.5 Design processing & analysis	3.5 Test production system		5.5 Derive new variables & units	6.5 Finalize outputs	7.5 Manage user support	
1.6 Prepare business case	2.6 Design production systems & workflow	3.6 Test statistical business process		5.6 Calculate weights			
		3.7 Finalize production system		5.7 Calculate Aggregates			
				5.8 Finalize data files			

# GSBPM



# CSPA



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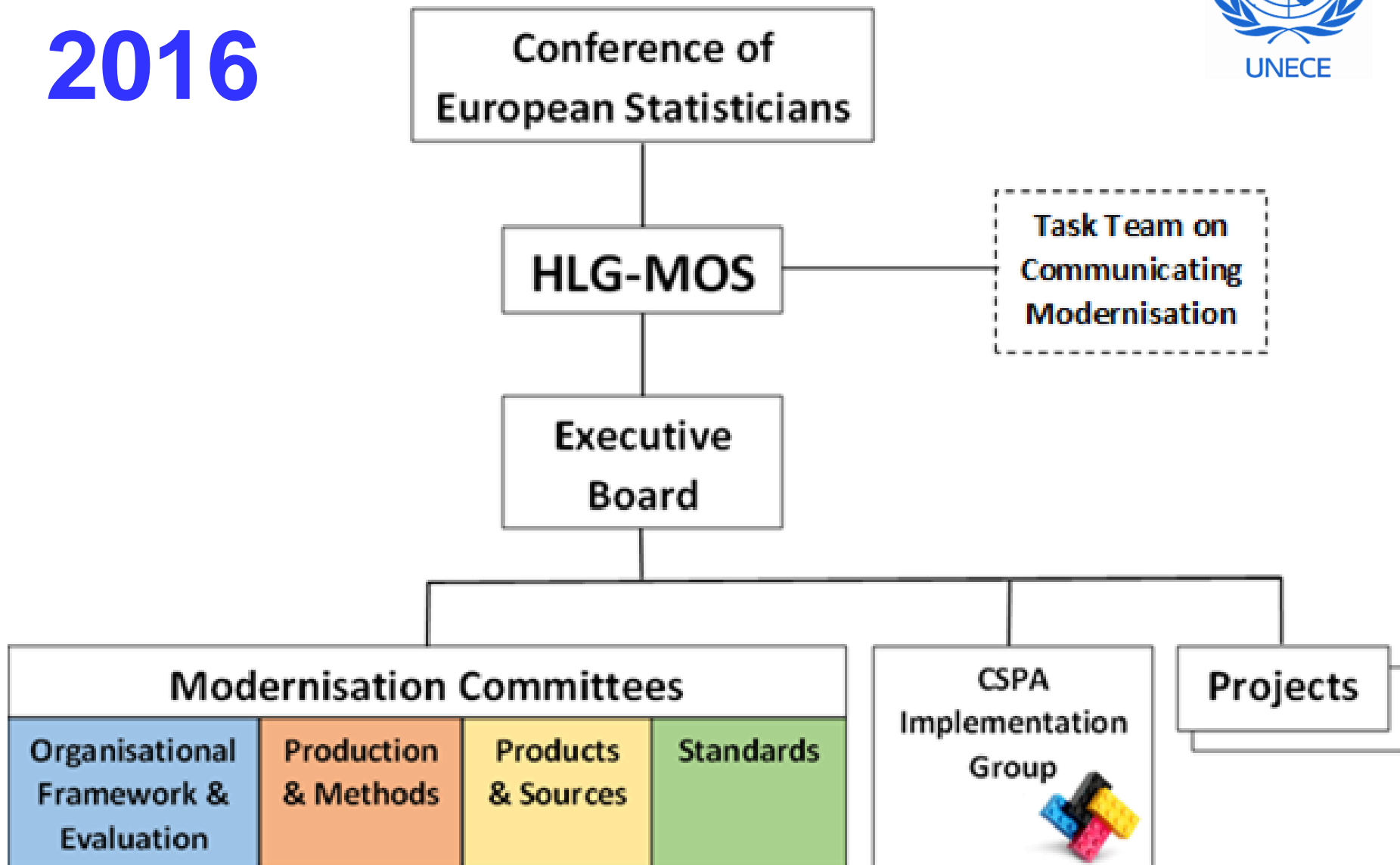
# 2016 Projects

- ❖ Data integration
  - Statistics will rely on many sources in future: surveys, admin data, geo-spatial, Big Data, ...
- ❖ Implementing Modernstats Standards
  - Linked open metadata
  - Modernisation Maturity Models / Roadmaps



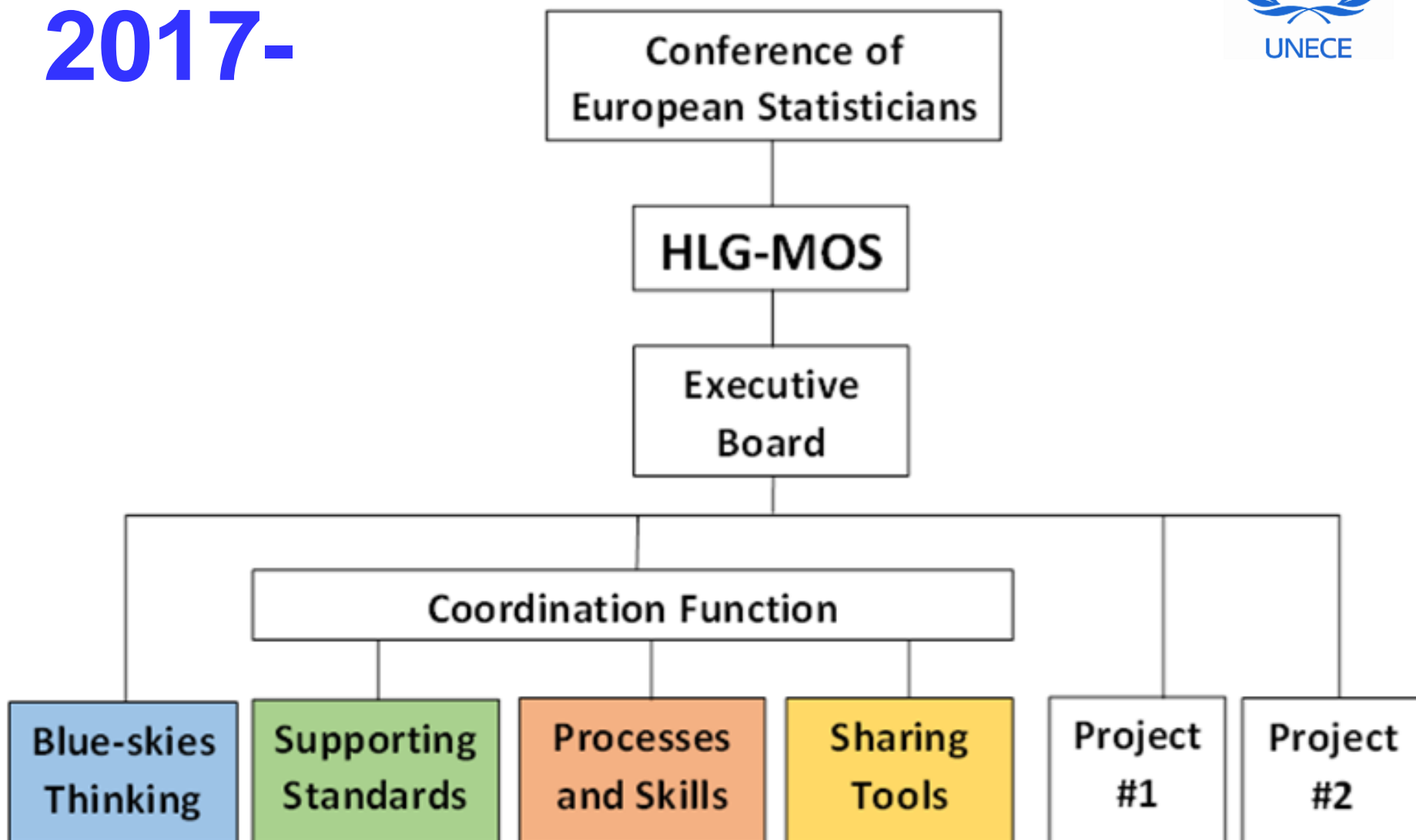
# **Governance of Modernisation Activities**

# 2016





2017-





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# Supporting Standards Group

- ❖ Support implementation and use of GSBPM, GAMSO, GSIM, CSPA, ..., including:
  - Answering questions and supporting implementers
  - Developing and publishing complementary materials, such as case studies, good practices, etc.
  - Workshops and training to promote and ensure consistent use of the HLG-MOS standards and models
  - Managing periodic reviews of standards and models.  
Next reviews of GSBPM / GSIM are scheduled for 2018
- ❖ Take on current work of the MC on Standards, and responsibility for CSPA documentation

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# Statistical Modernization Community



- Launched in 2016
- Open to all statistical organisations who endorse “Statement of Intent”
- No fee, but expectation to contribute
- Partners benefit from collaboration and sharing
- Four main principles:
  - Openness
  - Flexibility
  - Participation
  - Pragmatism







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# Get involved!

Anyone is welcome to contribute!

## More Information

❖ HLG-MOS Wiki:

[www1.unece.org/stat/platform/display/hlgbas](http://www1.unece.org/stat/platform/display/hlgbas)

❖ LinkedIn group:

[“Modernising official statistics”](#)