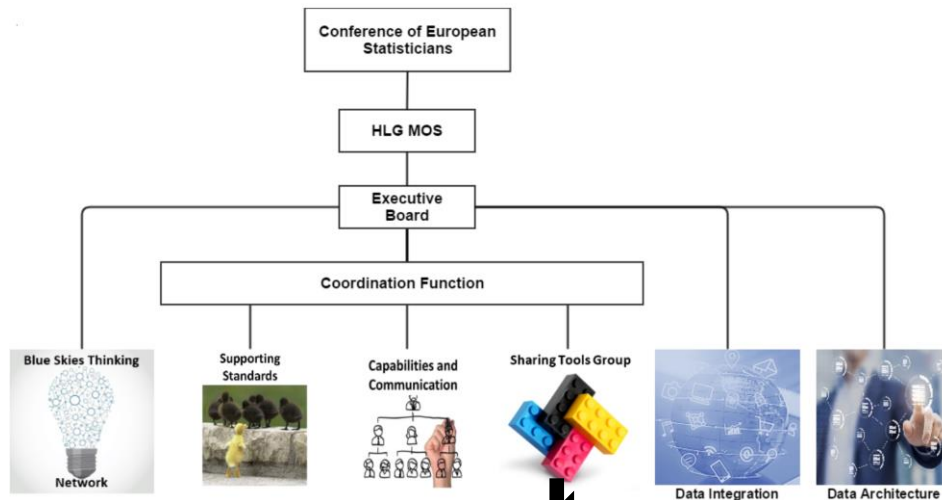


# CSPA

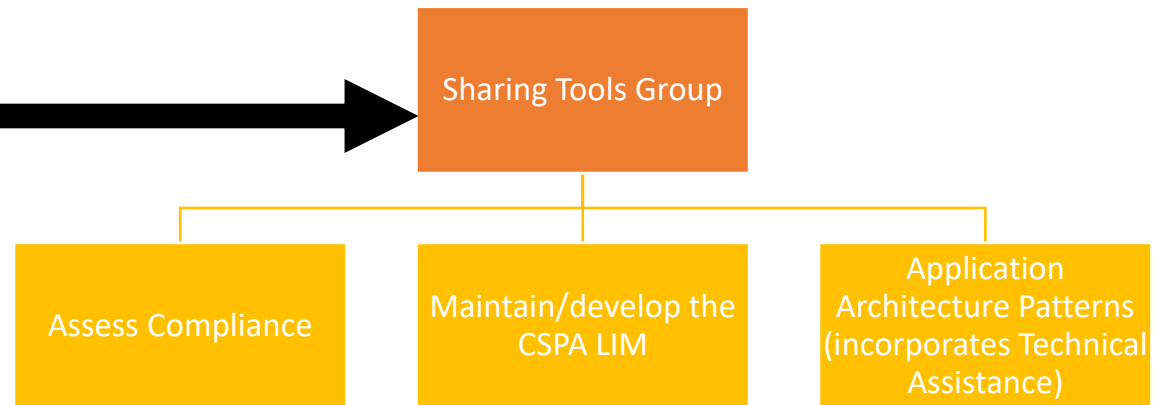
# Sharing Tools Group



# Structure – Sharing Tools



The Sharing Tools Group is part of the High-Level Group for the Modernisation of Official Statistics (HLG-MOS) or ModernStats. It continues the work of the HLG CSPA implementation group and related activities from the MC Standards and the MC Production and Methods. Please find here the [Terms of Reference](#) for 2017. The main focus is on the following activities:



# Members list

- **Cambodia** - Kimhor Meng
- **Canada** - Robert McLellan, Flavio Rizzolo
- **Colombia** - Luis Edgar Sanchez, Juan Carlos Paz
- **France** - Franck Cotton, Romain Tailhurat
- **Italy** - Marco Silipo, Carlo Vaccari
- **Mexico** - Juan Munoz-Lopez, Lizette Traconis Lugo
- **Netherlands** - Matjaz Jug
- **New Zealand** - Rosemary McGrath (chair)
- **Norway** - Trygve Falch, Jenny Linnerud (LIM)
- **Serbia** - Mira Nikic
- **Slovenia** - Tomaz Speh
- **Sweden** - Eva Holm, Jakob Engdahl, Klas Blomqvist (LIM Variables)
- **United Kingdom** - Eric Deeben
- **United States** - Lorna Drennen
- **Eurostat** - Jean-Marc Museux, Hubertus Cloodt, Pierre Peyronnel, Denis Grofils
- **OECD** - David Barraclough
- **UNECE** - Steven Vale, Alice Kovarikova, Marlen Jigitekov



# State of the Nation

1. A little history
2. Transitioning from project to sustainable assets for the statistical community
3. Next steps

# A little history

## GAMSO

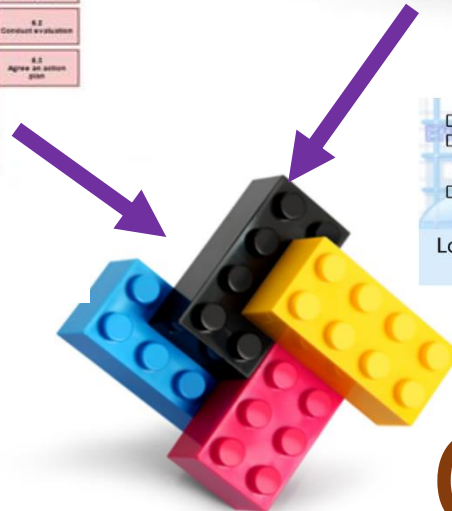
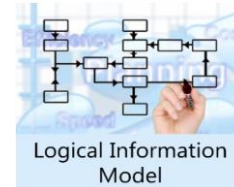


## GSIM

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 instruments	4.1 Create frame & select sample	5.1 Integrate data	6.1 Produce draft	7.1 Update output systems	8.1 Gather evaluation inputs
1.2 Consult & confirm needs	2.2 Design & produce descriptions	3.2 Build or enhance collection instruments	4.2 Collect	5.2 Integrate	6.2 Produce drafts	7.2 Produce dissemination products	8.2 Conduct evaluation
1.3 Establish output objectives	2.3 Design collection instruments	3.3 High resolution collection instruments	4.3 Run collection	5.3 Store & integrate	6.3 Prepare & system outputs	7.3 Manage release of dissemination products	8.3 Agree on action plan
1.4 Identify concepts	2.4 High frame samples	3.4 Samples	4.4 Produce collection	5.4 Edit & inputs	6.4 Apply metadata systems	7.4 Promote dissemination products	
1.5 Check data availability	2.5 Design processing & systems	3.5 Test production system		5.5 Derive new variables & units	6.5 Finalise outputs	7.5 Manage user support	
1.6 Prepare business case	2.6 Design production systems & workflow	3.6 Test operational business process		5.6 Calculate weights			
		3.7 Finalise production system		5.7 Calculate algorithms			
				5.8 Finalise data files			

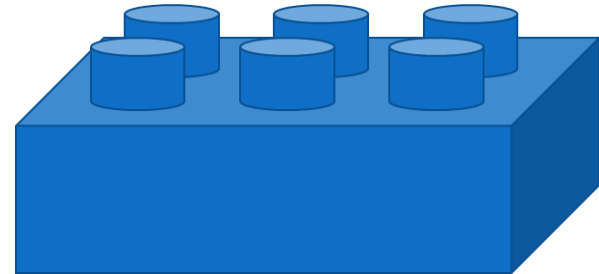
# GSBPM



## CSPA

# What is CSPA?

- A template architecture for official statistics
- A set of standard specifications for new statistical components (services) that can be used in a modular way
- A new way of developing statistical tools, with sharability as a design feature, not an afterthought



# Brief Timeline

The first proof of concept



+ 5 countries built CSPA services



+ 3 countries

2013

- CSPA V1.0
- Pilot Services



Services built in 2014

1. Seasonal adjustment – France, Australia, New Zealand
2. Confidentiality on the fly – Canada, Australia
3. SVG generator – OECD
4. SDMX...
5. Sar...
6. Lin...
7. Lin...
8. Err...



2014

- CSPA V1.1
- 8 Services



New Services in 2015



Classification retrieval service



Probabilistic record linkage service



Web dissemination service



Testi

Confider analysis microdat

2015

- CSPA V1.5
- 4 Services
- LIM



Candidate services for 2016/2017

Service name	Designer / Builder
Structured Validation Service	Eurostat
Transformation Service	Eurostat
Content Validation	Eurostat
Time Seri	
Question	
Metadata	

2016

- 7 Services
- Formalising

2013, 2014 and 2015 – all work undertaken via the project construct

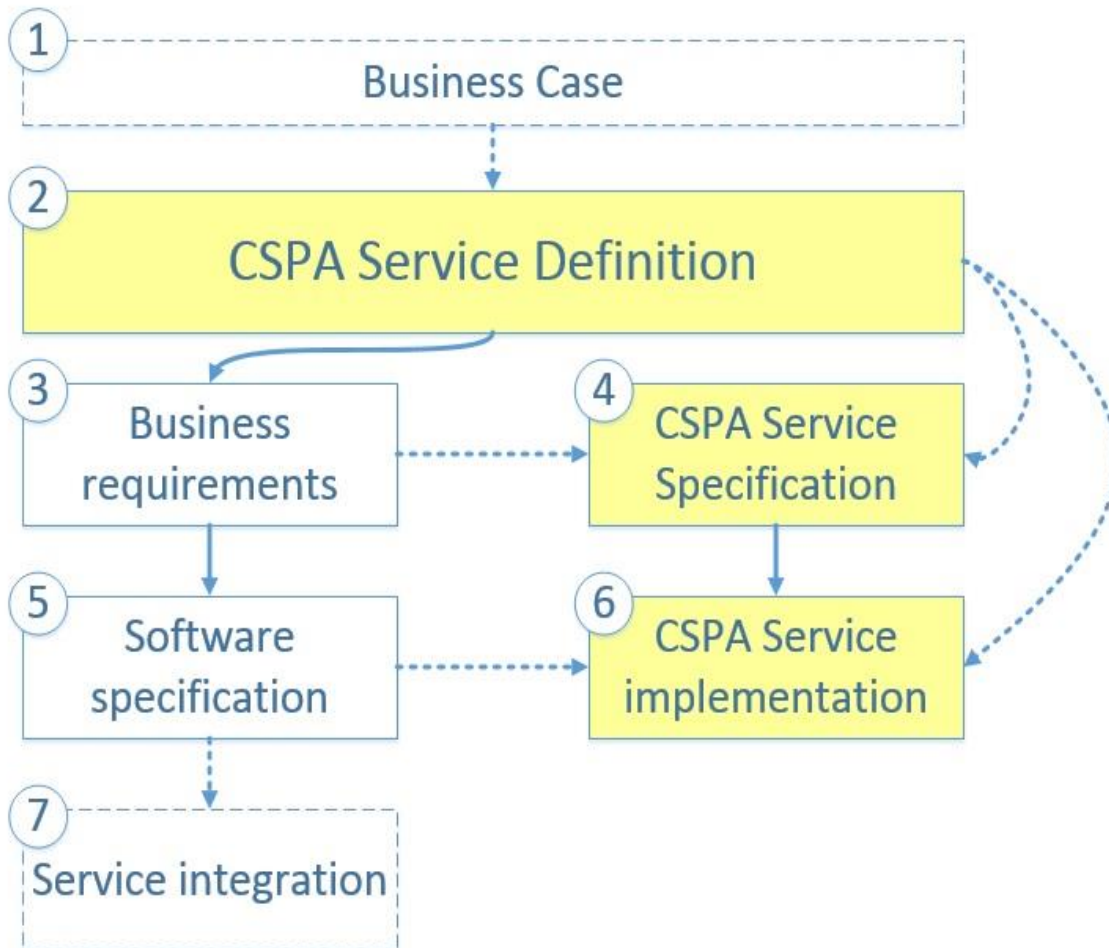
2016 – Transitioning to a sustained statistical community asset

# Transitioning

- Moving out of project governance
  - Developed a Governance process workflow, which is being incorporated into the new version of the Service Catalogue
  - Developed a Draft – Governance Review Document (this will be circulated after the workshop for broader comment)
- Revised templates are in development (these will be published Q3)



# Where do CSPA documents get created?



# Continuing - Candidate services for 2016/2017

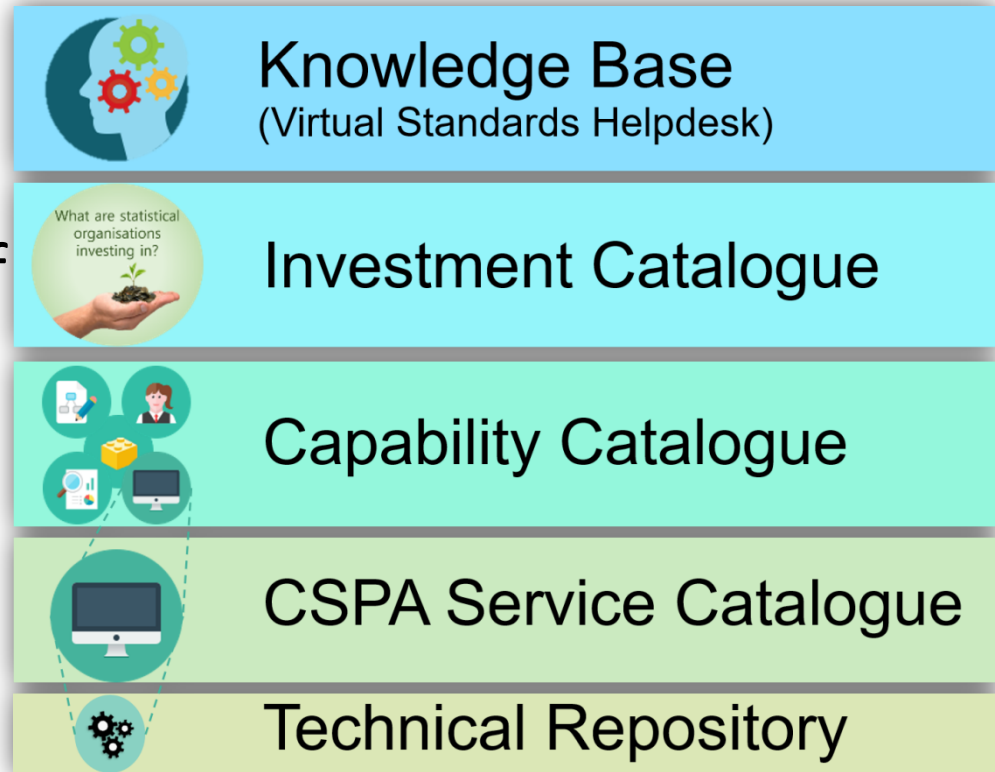
<b>Service name</b>	<b>Designer / Builder</b>
Structured Validation Service	Eurostat
Transformation Service	Eurostat
Content Validation	Eurostat
Time Series	ESSnet
Questionnaire Generation	ESSnet
Metadata Dissemination	ESSnet
SDMX – Registry	Eurostat
SDMX-RI	Eurostat

# Continuing.....

- Architecture Patterns Work
  - Assembler stream
- LIM associated work re variables
  - Designer stream
- Services Catalogue
  - Investor stream

# Global Artefacts Catalogue

- It is a composite conceptual catalogue representing 5 layers of information
- **New CSPA Service Catalogue**



# Next steps

- **Seeing where this week takes us 😊**
- **Communication and Promotion – Key focus Q4 2017**

Thank you for your  
attention!

Comments and Questions?