



WORKSHOP ON
IMPLEMENTING STANDARDS
FOR STATISTICAL
MODERNISATION 2016
CSPA



A history refresher

1. GSBPM created to standardise business processes
2. GSIM created to standardise information flows
3. *Something is needed to implement the above models in IT and realise plug-and-play*
4. A Common Statistical Production Architecture (CSPA) is born!



Closer to system implementation

A model for breaking silos:

- Enable plug-and-play systems
- A cross-domain, inter-agency architecture

A modern architecture that works for statistics:

- Loosely coupled services
- Based on Service-Oriented Architecture (SOA)
- CSPA is SOA for statistics
- Does not require a massive enterprise architecture investment
 - Can wrap existing, non-CSPA services to make them compliant
 - Can adopt/develop CSPA services incrementally



More than SOA: For Official Statistics

- CSPA Principles and guidelines are based around the needs of official statistics
- Quality review is part of CSPA, by official statistics experts
- More detail in the panel discussion



Make implementation easier + increase compatibility = CSPA LIM

- Problem: If two CSPA services use attributes:
 - Service 1 property: **attachmentLevel**
 - Service 2 property: **levelOfAttachment**These services are not so compatible!
- A Logical Information Model (LIM) for CSPA was created
 - Makes CSPA LIM compliant services compatible through standard interfaces
 - Much greater guidance for service implementors



Obligatory Lego picture

HARDER THAN SPLITTING AN ATOM

