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!
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