



European Conference on Quality in Official Statistics
Madrid, May 31 – June 3, 2016

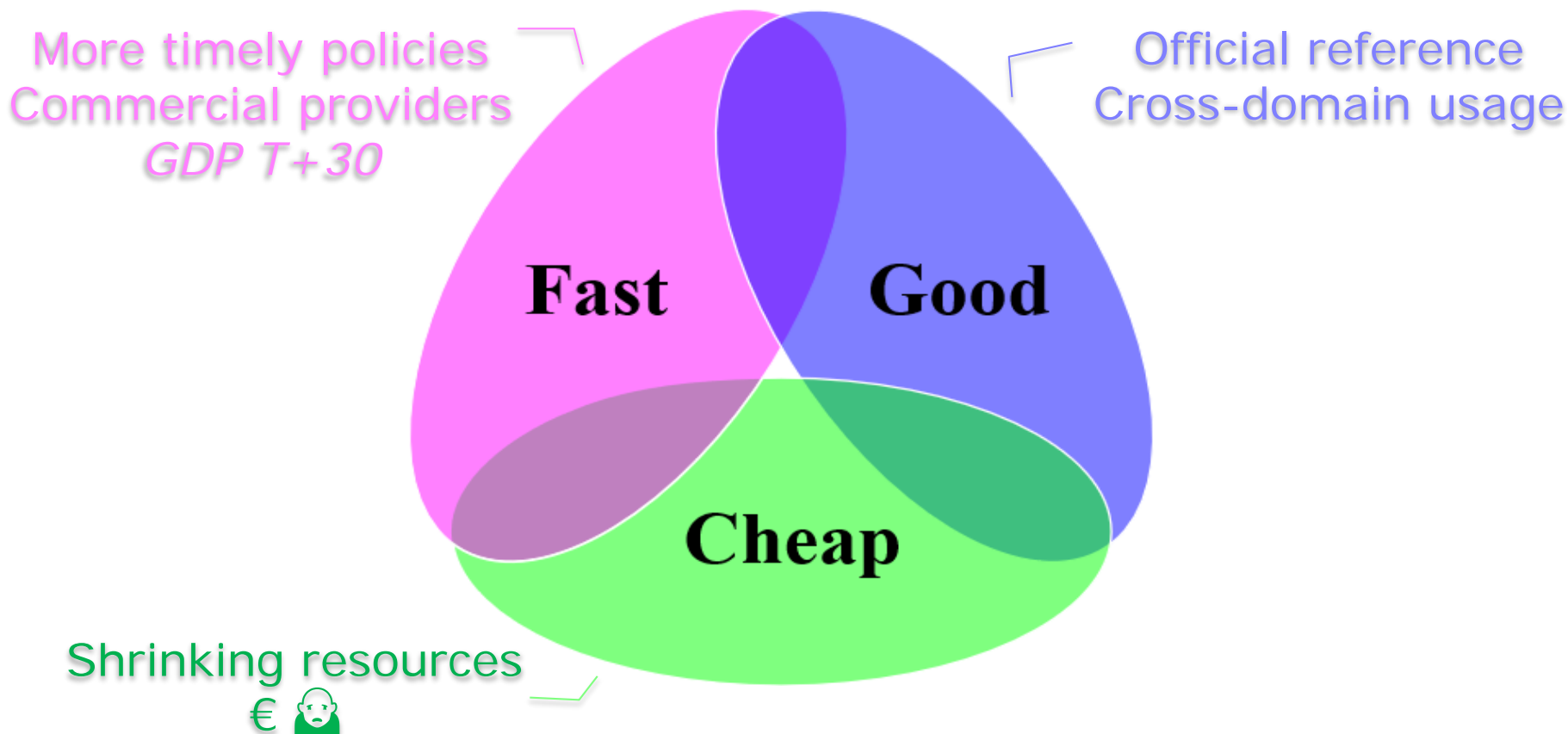
Re-engineering and re-designing statistical production

Case Study: Modernisation of National Accounts

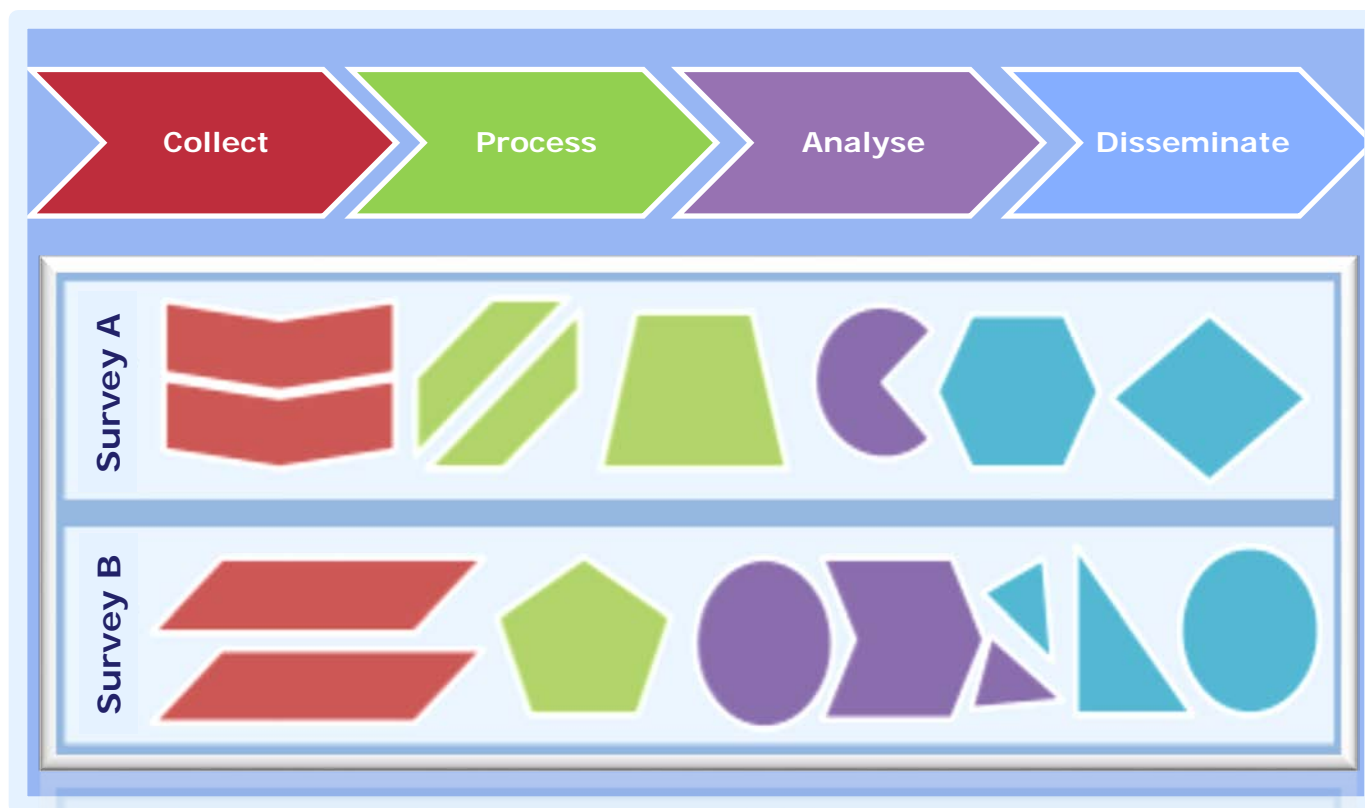
Mihaela Vacarasu
(IT solutions for statistical production)

Daniel Suranyi
(National accounts, prices and key indicators)

Official statistics: the challenge...



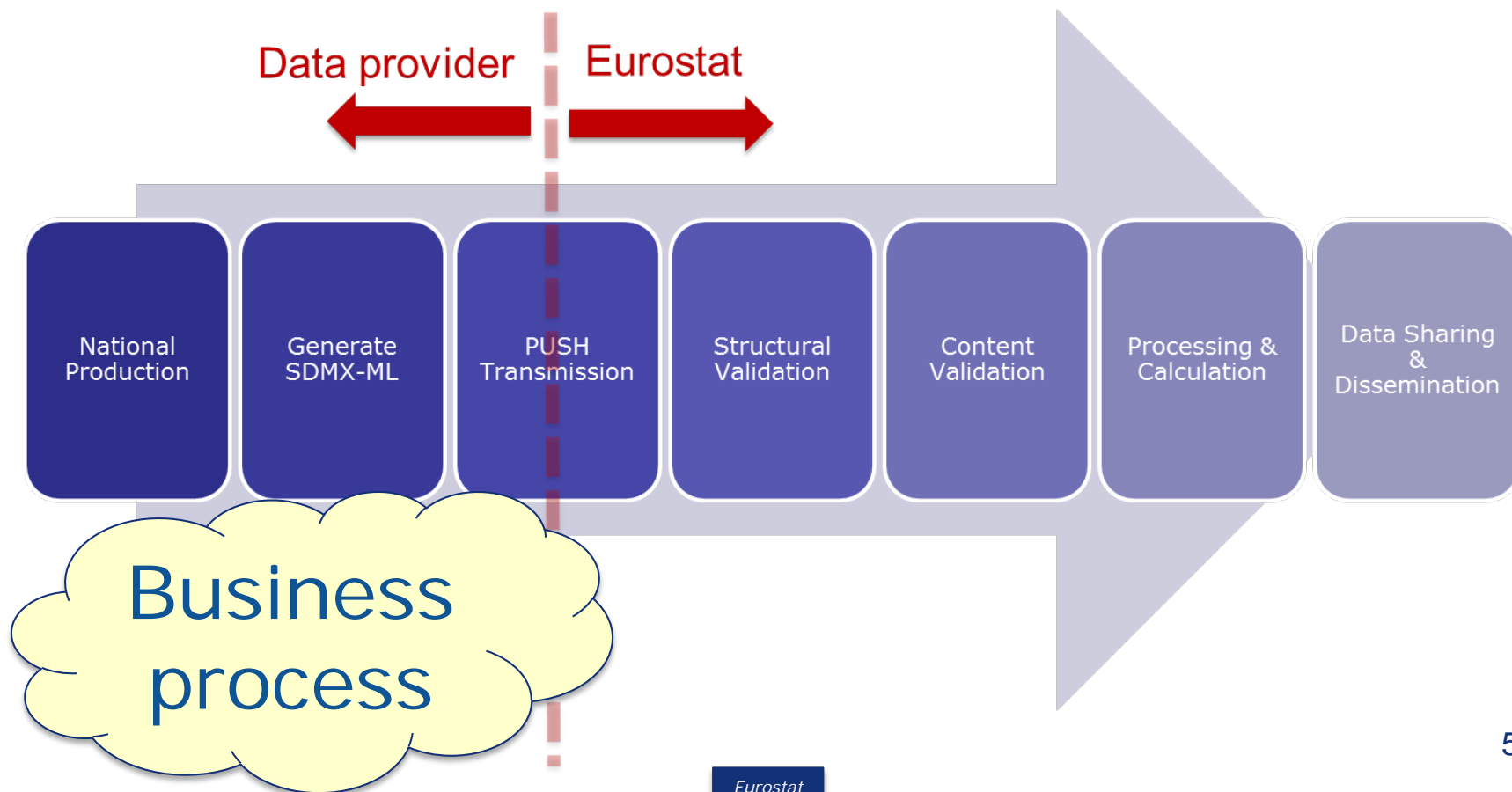
Stovepipe production: the reality...



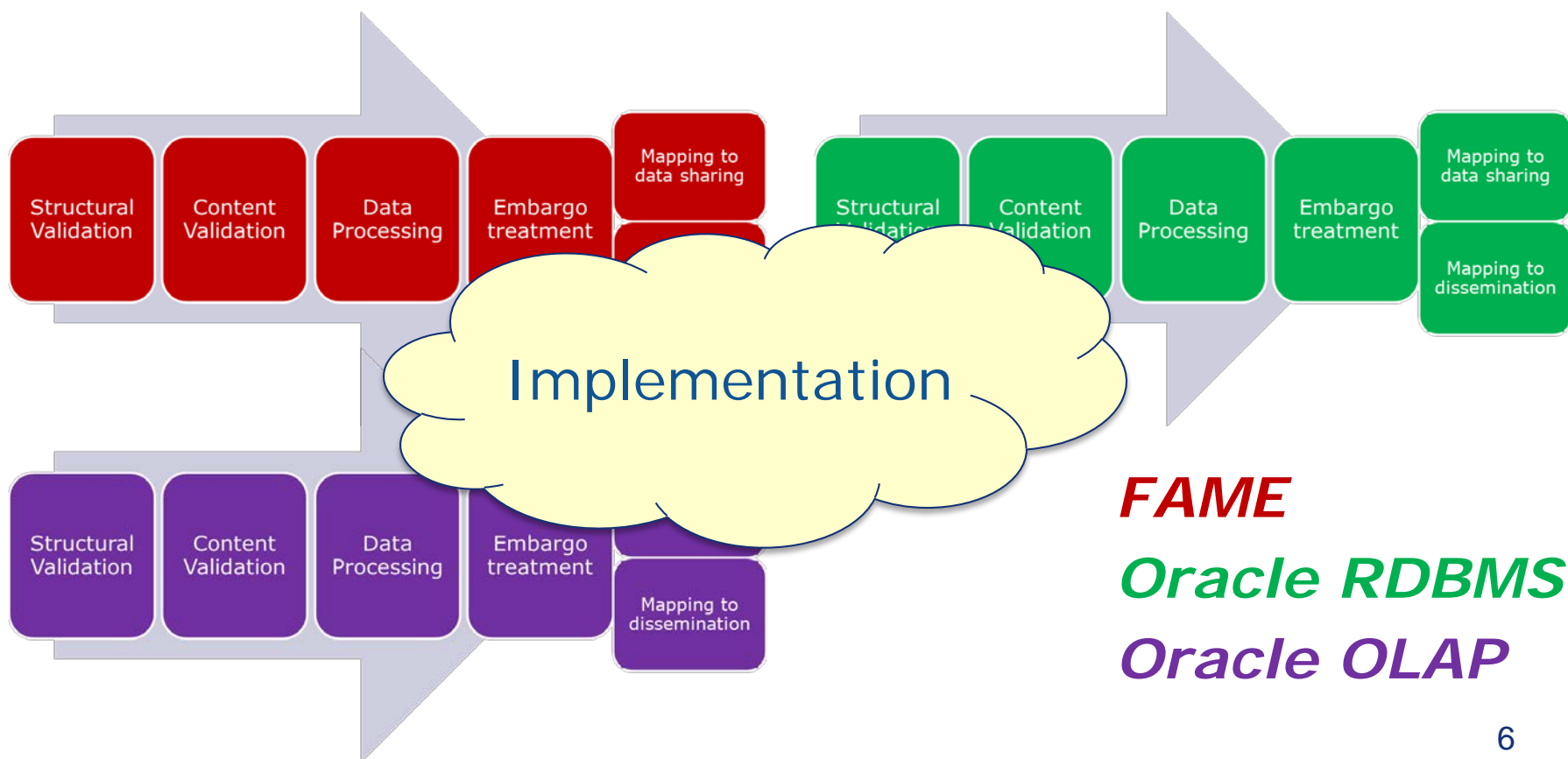
Stovepipe production: the reality...

- Customised for a specific domain
- Conventions used within domains / surveys
 - Hampering cross-domain usage
 - Leading to low level of transparency
- Not possible to share IT tools efficiently
 - Difficult to share data across domains / organisations
- Difficult to measure quality

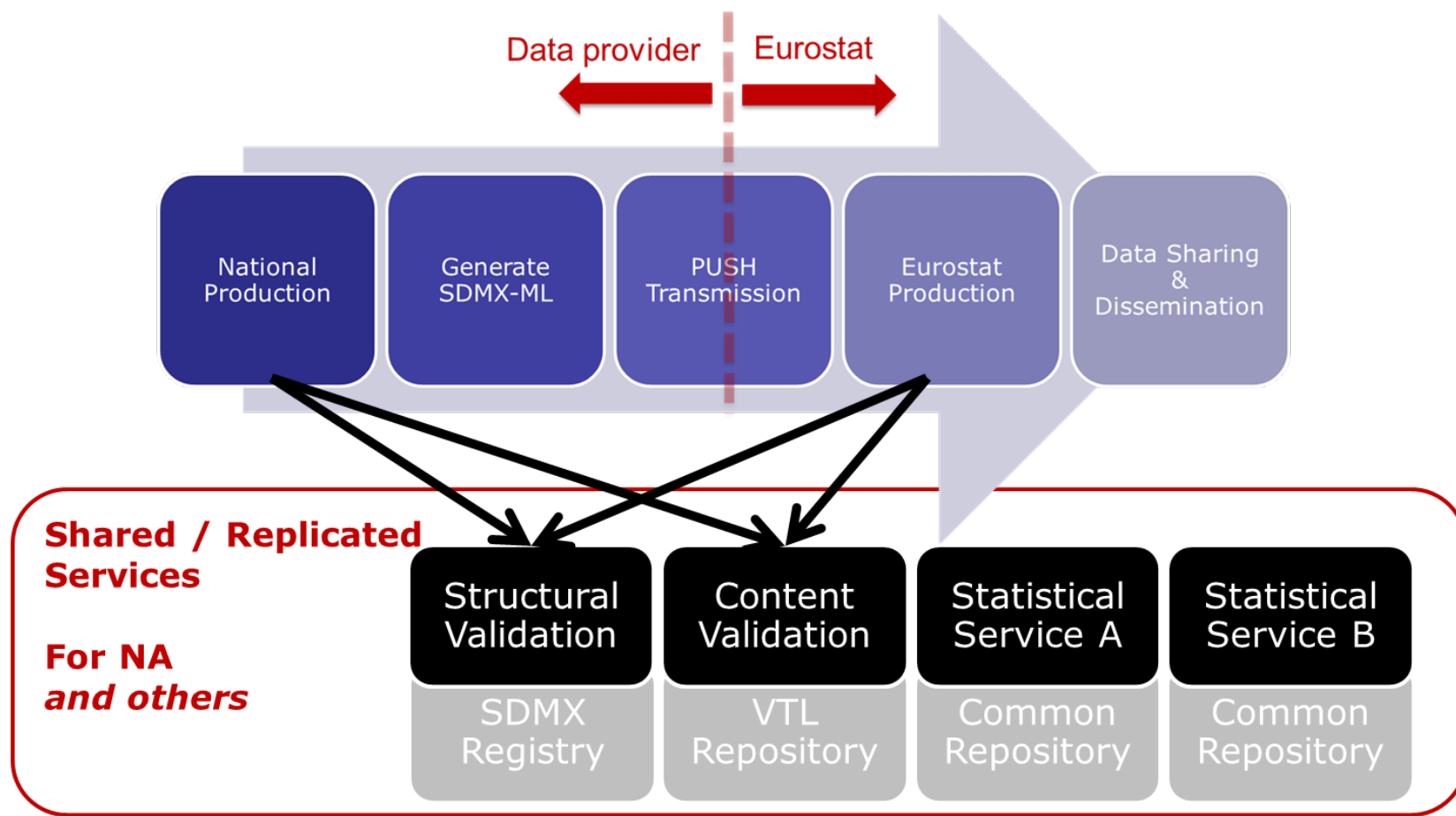
Example: National Accounts production in Eurostat



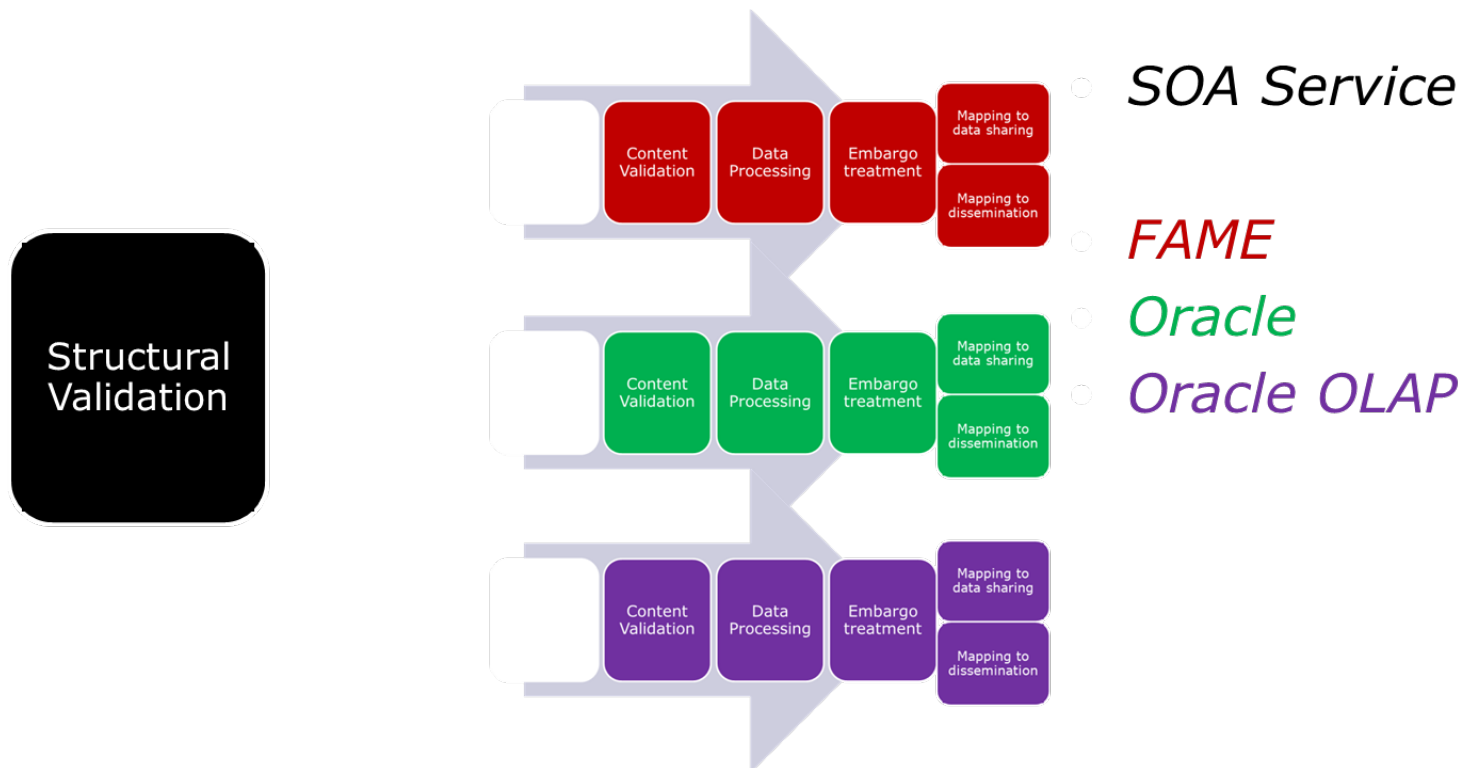
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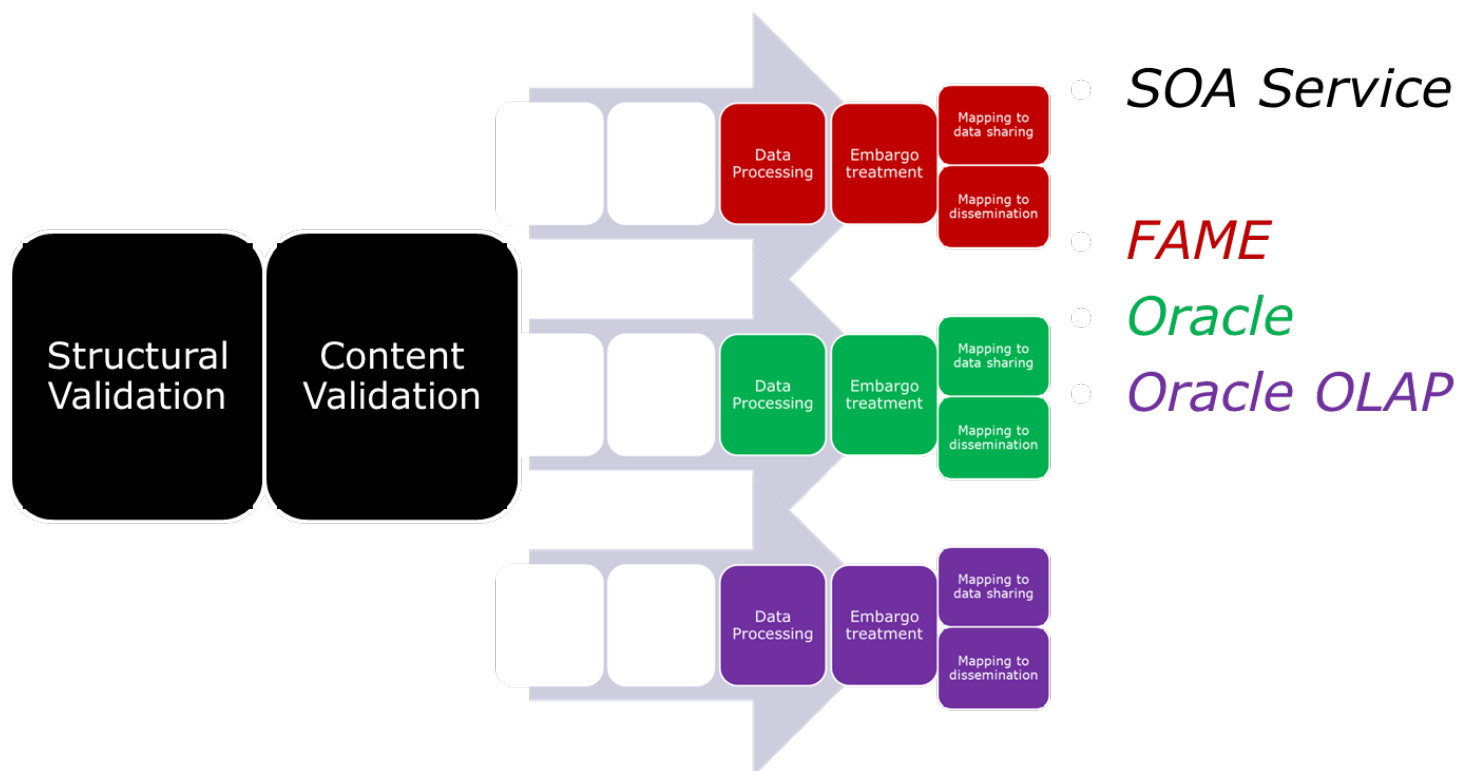
Target: flexible use of statistical services



Intermediate step: partial orchestration



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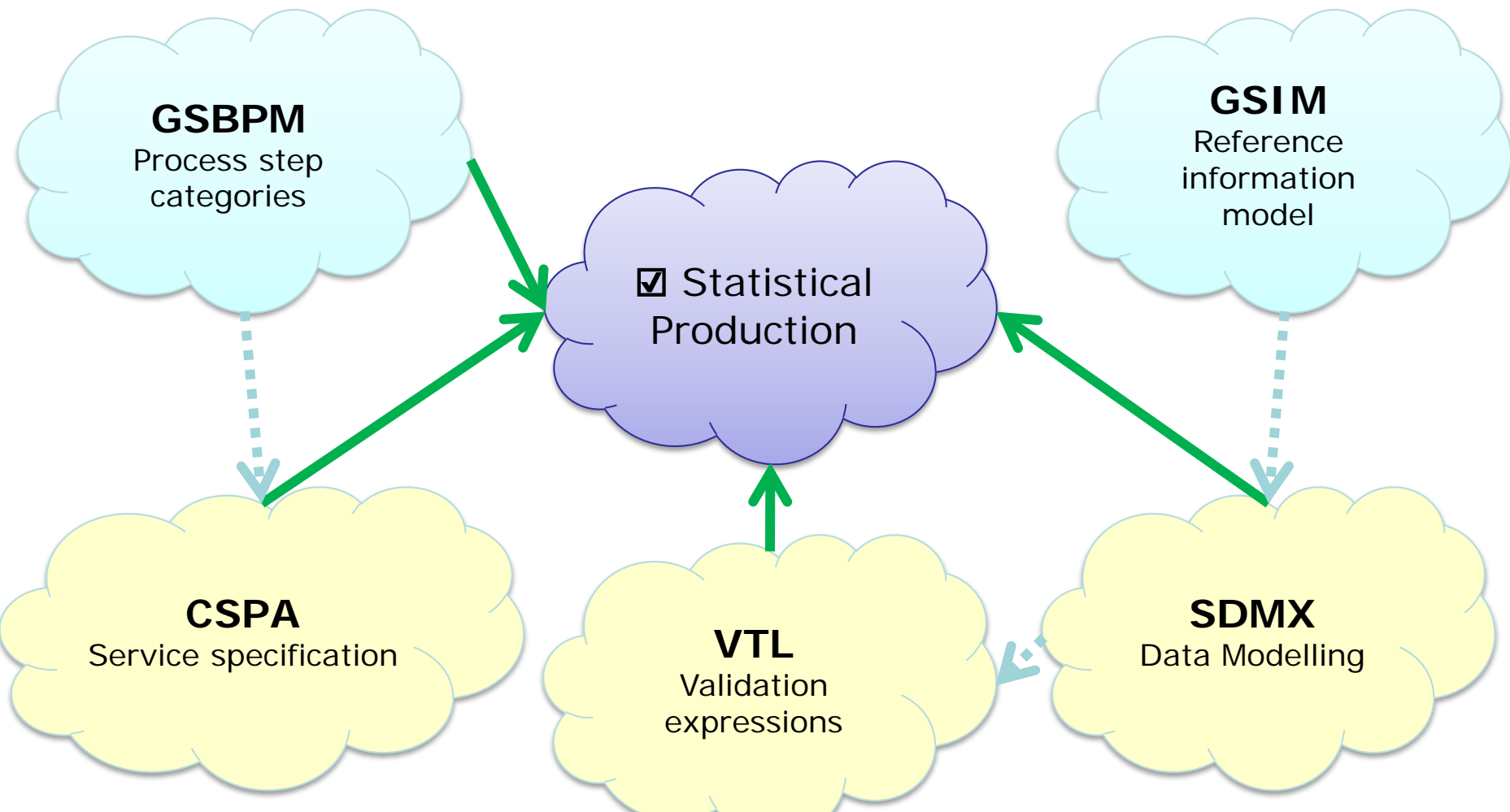
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Target: flexible use of statistical services

- Architecture for cross-domain usage
- Standards used across domains / surveys
 - Enabling cross-domain usage
 - Leading to transparency
- Encouraged to share IT tools efficiently
 - Facilitates sharing data across domains / organisations
- Possible to measure quality (*process, data*)

The big picture: using standards



SOA & standardisation deliver...

