



Integrated Statistical Systems based on a Common Business Architecture

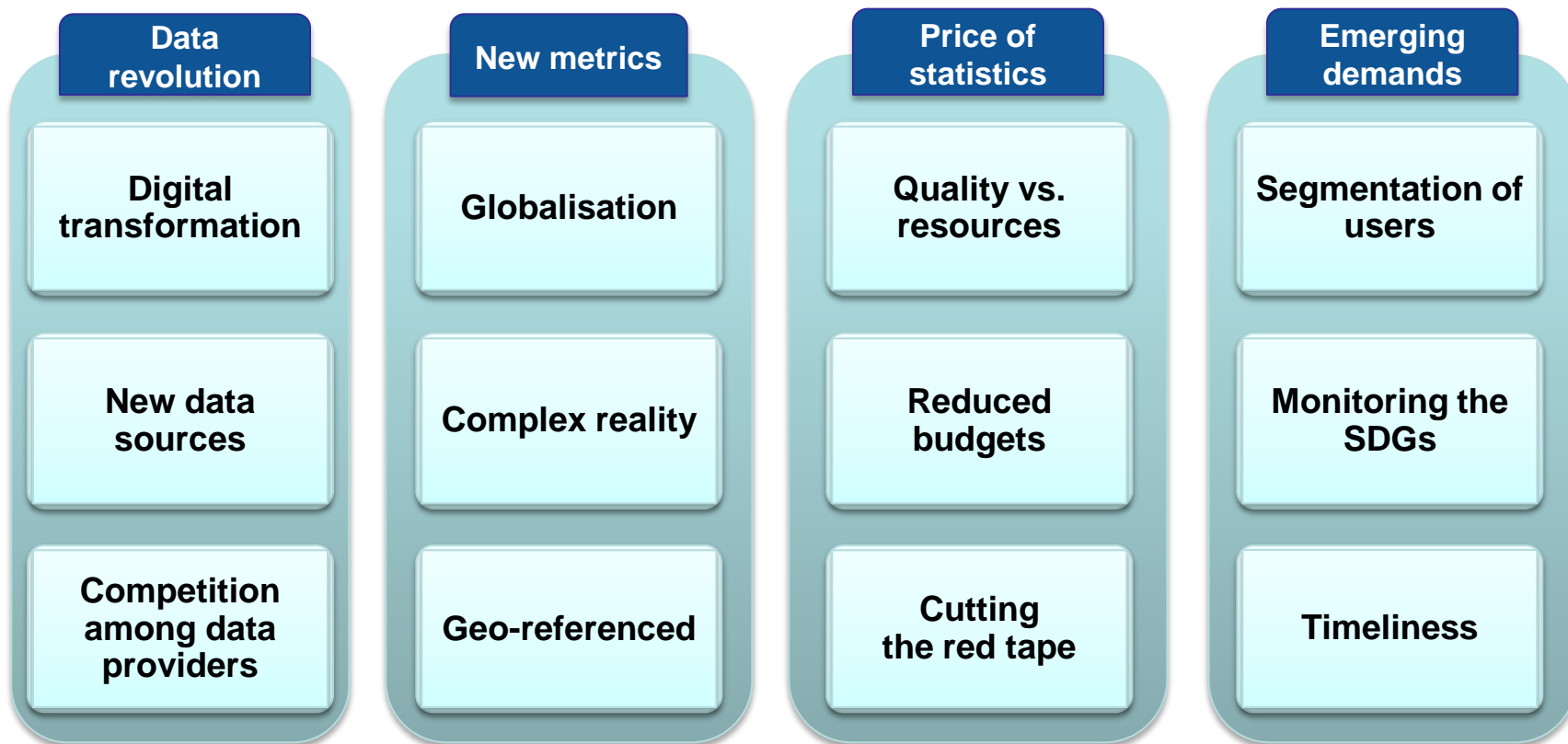


Transformative Agenda
For Official Statistics

Latin America Conference on a Transformative Agenda for Official Statistics
14-16 September 2016, ECLAC, Santiago, Chile



Challenges/opportunities (inspired from ESS Vision 2020)





Integrated Statistical System based on a Common Statistical Production Architecture

Aims at:

- Sustaining the integration and standardization of production processes within and across national statistical systems
- Improving the agility of statistical systems to adapt to fast changing environment (flexibility)

Standardisation

- Repeatability
- Improved quality and reduced costs
- Development of common IT solutions
- Interchangeability and interoperability within and across national statistical systems
- Pooling and sharing resources

Flexibility

- Ability to respond to different customer requirements
- Ability to meet different regional or/and national needs
- Agility to adapt to the changing environment: data sources, technology ...



Integrated statistics programme

Integrated business and international trade statistics programme (IBIS)

Integrated household and social statistics programme (IHSP)

Economic dimensions

Environment dimensions

Social dimensions

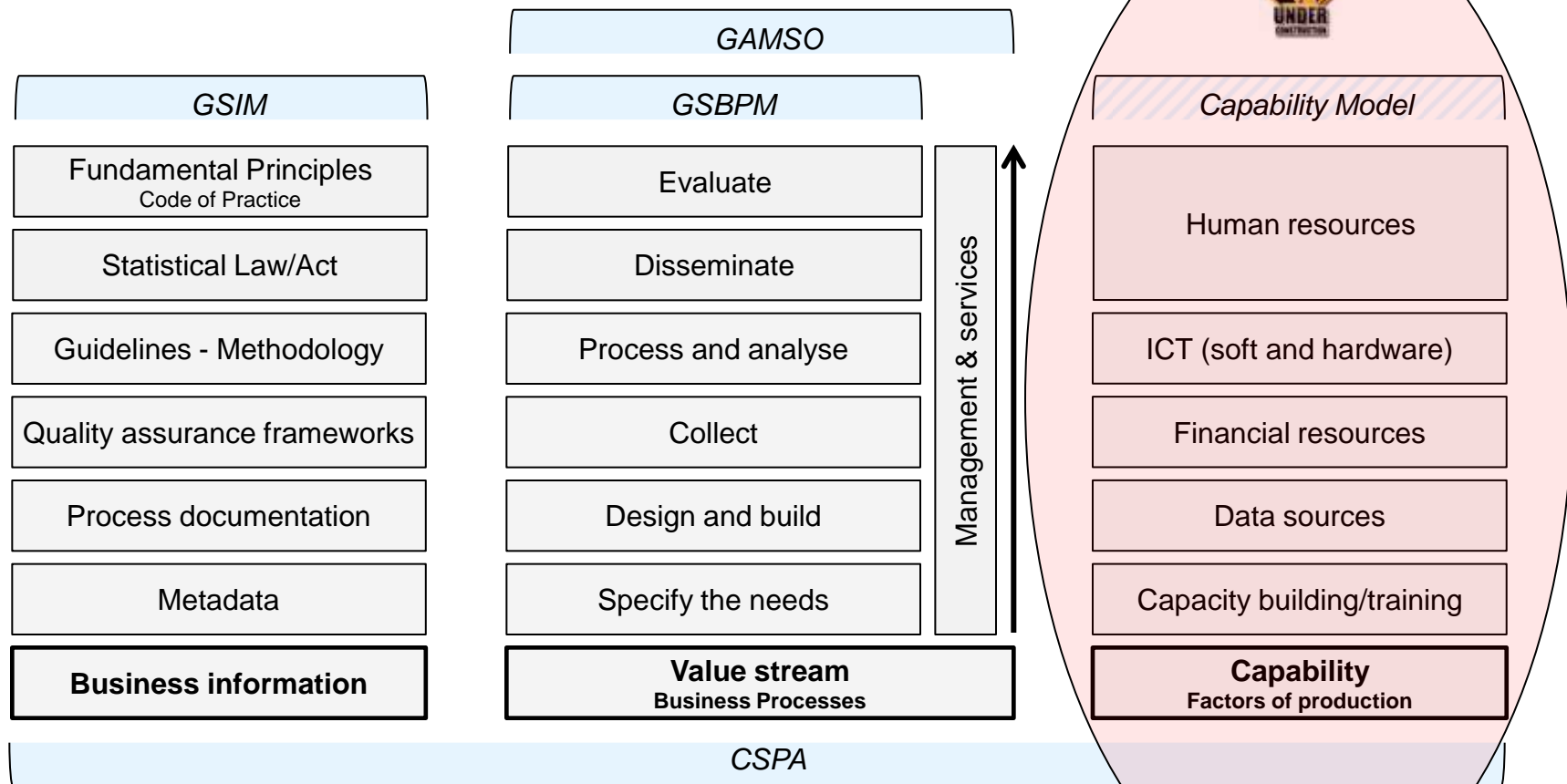
Economic dimensions

Environment dimensions

Social dimensions

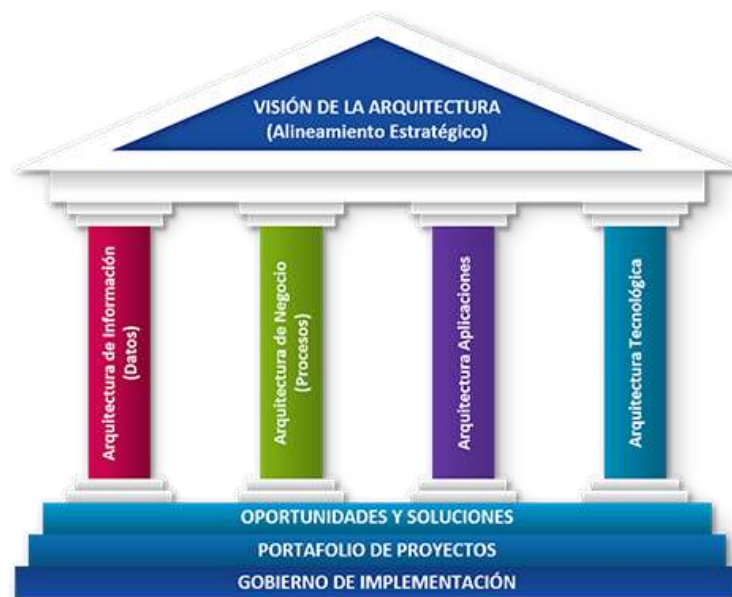


3 pillars of the CSPA





Marco Conceptual Estandarizado (INEGI, México)



- **¿Y luego?**
 - La adopción gradual de las mejores prácticas internacionales



CSPA: a shared vision for collaborative solutions

- Supporting the development and adoption of integrated business information models/systems at and between global, regional and national levels
- Enhancing gradually the standardization of production processes within and across national statistical systems for more effectiveness and efficiency
- Improving quality and robustness of statistical deliveries (goods and services) by building up a corporate/institutional repository of practices and know-how (documentation of production processes/metafata)
- Harnessing the innovative and transformational power of ICT and mobile devices (e.g. georeferenced data collection and data visualization)
- ✓ Improved interoperability and interchangeability of know-how and technology within and across national statistical systems (**plug-and-play**)
- ✓ Common development, pooling and sharing of capability (production factors)
- ✓ Development at global/regional level of cloud computing, corporate services and data repository (e.g. Big Data)
- ✓ ...

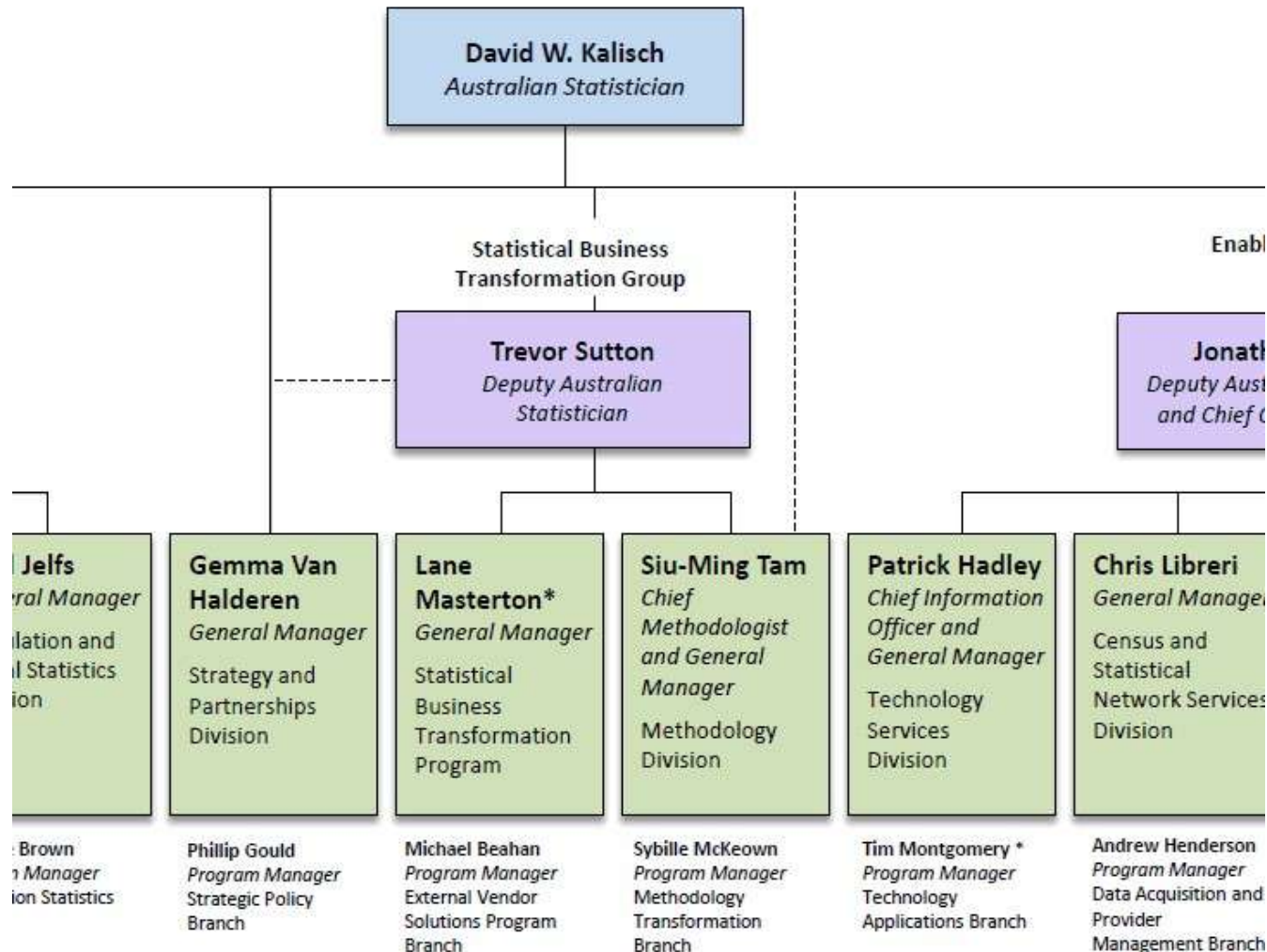


Change institutional and people's "mindset"





Dedicated resources and organizational change (ABS)





Be smart ...





Together ...



... We Can