High-Level Group for the Modernisation of Official Statistics

ModernStats World Workshop 2020, 27-30 October, virtual
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Standards & Tools 2010-2020

- **GSBPM, GSIM, GAMSO**
  - GSIM Project (2012)
  - Frameworks and standards project
  - MC Standards
  - Supporting Standards

- **CSPA**
  - CSPA Development Project (2013)
  - CSPA Project
  - CSPA Implementation Group
  - Sharing Tools

- **Workshops**
  - MSIS & METIS (GSBPM/GSIM/Sharing Services)
  - Standards WS
  - Standards WS
  - ModernStats World WS

ModernStats Standards
<table>
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<th>Network &amp; Projects 2020</th>
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### Blue Skies Thinking Network
- Synthetic Data Sets
- Data Science Lab
- Data-driven decision making support
- Statsbots
- *Evaluation new topics and project Proposal*

### Machine Learning Project
- 19 Pilot Studies to show value added of types of ML
- Quality Framework
- Integration of ML

### Input Privacy-Preservation Project
- Statistical use-cases
- Secure Multiparty Computation
- Homomorphic Encryption
- Identify implementation of methods and sharing solutions
Modernisation Groups 2020

Sharing Tools

- Create interactive CSPA suite of documentation
- Review Architectural Recommendations
- Streamlining CSPA and integration new concepts
- Adjust CSPA Catalogue & add services
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Capabilities and Communication

- Competencies Training and Development
- Future Workplace
- Ethical Leadership Framework
- Culture Change and Internal Comms Strategy
- Skills and Capability Framework
- Social Media Strategy
- Staff Comms Training
- HRMT workshop & sprint

Supporting Standards

- Linking GSBPM & GSIM
- Core Ontology for Official Statistics
- Metatada Glossary
- Updating GSIM
- GSBPM for Geospatial Information

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Recent Supporting Standards and Sharing Tools

- Alignment of overarching processes in GSBPM with GAMSO
- Linking GSBPM & GSIM
- Core Ontology for Official Statistics
- Metadata Glossary
- Updating GSIM
- GSBPM for Geospatial Information
- GSBPM revision
- GSIM revision
- GAMSO update

- CSPA Service Catalogue
- CSPA Application Architecture Patterns
- Assess Compliance of CSPA Services
- CSPA revision/update
- CSPA LIM
- GSDEM revision/update

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And Now…

Strategy & leadership

Capability management  Corporate support

Modern Stats  GSPM  GSIM

CSPA  Supporting Standards

IDEAS  METHODS  MODELS  SERVICES

SHARING  TOOLS
Share
Interact
Get Involved
ModernStats Achievements:

- **Generic Statistical Business Process Model (GSBPM)**
- **Generic Statistical Information Model (GSIM)**
- **Common Statistical Production Architecture (CSPA)**
- **Generic Activity Model for Statistical Organizations (GAMSO)**
- **Generic Statistical Data Editing Model (GSDEM)**
Some of the other output

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• Common Statistical Data Architecture 1.0 (CSDA)
• Data Integration Guidelines [link]
• Common Metadata Framework [link]
• Linked Open Metadata [link]
• Strategic Communications Framework [link]
• Guidelines on Risk Management [link]
• Guidelines for Managers [link]
• Big Data Inventory [link]
• Investment Catalogue [link]
• CSPA Catalogue [link]