Eurogroup register contribution to ESS EA

Group of Expert on Business Register
Brussels 22.09.2015

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Eurostat
Scope

- ESS Vision 2020
  - Drivers, Business objectives, Priority areas

- European Systems Business Registers
  - Interoperability
  - EGR2.0

- Enterprise Architecture
  - Shared development, Reuse, Efficiency, Portfolio
  - Catalogue of Service, CPSA
EA and PM

WHAT'S IN IT FOR ME?

SYSTEM DESIGN

Project manager

EA function

ESS Vision 2020
All artefacts are interlinked and made coherent with the ESS Vision 2020
EGR 2.0 workflow

CDP

Commercial data

EUROSTAT

Identification service

Commercial and NSI data processed

Preliminary Frames

Final Frame

NSI

Identify Legal units

NSI’s truncated enterprises

Consult and update Preliminary Frame
EGR system of applications
## EGR 2.0 Capabilities (EGR IS)

<table>
<thead>
<tr>
<th>Capabilities</th>
<th>&quot;Provide unique identifiers for MNEs&quot;</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information standard</td>
<td>Standard input output message</td>
<td>Amber</td>
</tr>
<tr>
<td>Methodology</td>
<td>Fuzzy search</td>
<td>Green</td>
</tr>
<tr>
<td></td>
<td>Business rules for handling priorities</td>
<td>Green</td>
</tr>
<tr>
<td>Human Resources</td>
<td>Central team – Information manager</td>
<td>Green</td>
</tr>
<tr>
<td>IT</td>
<td>EGR IS service</td>
<td>Amber</td>
</tr>
<tr>
<td>Process</td>
<td>Central service</td>
<td>Green</td>
</tr>
<tr>
<td>ESS Capability</td>
<td>Statistical Register Management</td>
<td></td>
</tr>
</tbody>
</table>
# EGR 2.0 Capabilities (EGR IM)

<table>
<thead>
<tr>
<th>Capabilities</th>
<th>&quot;Collaborative case management for MNES&quot;</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information standard</td>
<td></td>
<td>Green</td>
</tr>
<tr>
<td>Methodology</td>
<td>Case management</td>
<td>Green</td>
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<td></td>
<td>Business rules for handling priorities</td>
<td>Green</td>
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<tr>
<td>Human Resources</td>
<td>Collaboration NBRS</td>
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<tr>
<td>IT</td>
<td>EGR IM</td>
<td>Green</td>
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<tr>
<td>Process</td>
<td>Case management</td>
<td>Green</td>
</tr>
<tr>
<td>ESS Capability</td>
<td>Statistical data preparation</td>
<td></td>
</tr>
</tbody>
</table>
ESS Capabilities

New statistics development
- New data sources exploration
- Legislative work participation
- Statistical product innovation
- Methods and tools development for new statistics

Statistical production management
- Understand user needs
- (Re)Design statistical outputs
- Process & workflow design
- Process methods design

Statistical Design
- Provision agreement management
- Primary data collection
- Metadata collection and management
- Collection of administrative and other data sources

Statistical Data collection
- (Re)Design production system, statistical services, and rules

Information resources Mgt
- Statistical Data mgt
- Metadata Mgt

Processing
- Statistical data preparation
- Calculation and finalization of output
- New variables and units derivation

Analysis
- Statistical output analysis

Statistical Dissemination
- Release Mgt.
- Products and services promotion
- Flexible data access provisioning
- Statistical Content mgt.
EGR 2.0 Capabilities

New statistics development
- New data sources exploration
- Legislative work participation
- Statistical product innovation
  - Methods and tools development for new statistics

Information resources Mgt
- Statistical Data mgt
- Metadata Mgt

Quality management
- Quality assessment
- Quality control mechanisms mgt.

Statistical Design
- (Re)Design production system, statistical services, and rules
- Process & workflow design
- Methods and tools design

Statistical Data collection
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EGR 2.0
EGR contributions

Design → Collect → Process → Analyse → Disseminate → Evaluate

Primary Data Storage

ESS data exchange

Collaboration

Catalog of reusable
Data collection
Design of collection instruments
Data supplier Registry

Statistical processing

Process orchestrator

Data exploration and analysis

Metadata Management

Identity & Access Management

IT Security

Quality management

Dissemination
Data Storage

Consumer management and tracking

EGR 2.0
Enterprise Architecture and Project Management

- Positive dialogue between project manager and enterprise architect

- EA helps the PM
  - To realise the Vision by delivering component that can be reused
  - To be efficient by taking benefit of existing components

- PM helps EA
  - To realise the roadmap to the Vision
  - To fill in the catalogue of reusable components
EGR 2.0

- Entails lots of potentiality for developing reusable components

- Require some evolution to be decided on a solid cost benefit analysis
THANK YOU FOR YOUR ATTENTION