Building the new OECD statistical information system

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Overall goals

- **User friendliness**
  - One-stop database
  - Easy access
  - Common look and feel of all products

- **Efficiency**
  - Common tools
  - Easy access across OECD

- **Quality**
  - Coherence of concepts & data
  - Timeliness
  - Good metadata
  - Review of processes

- **Flexibility**
  - Separate storing, process, presentation
A cooperative effort

- Statistics producers in all Directorates
- Statistics users
- PAC, ITN and STD
  - Manage projects
  - Supply infrastructure
  - Support
OECD.Stat

- *The central repository* ("warehouse") where validated statistics and related metadata destined for publication and/or sharing are stored
SIS Architecture

Production

Data Production Environments (incl. StatWorks)

MetaStore

Metadata Production Environments

Storage

OECD.Stat Corporate Data Warehouse

Cubes

Web Services

Dissemination

XML

User Interfaces

PubStat Publication Management Interface

Published Outputs
Metadata principles

- All statistical data being shared or disseminated, internally or externally, must have appropriate metadata.
- Statistical metadata must be consistent.
- All metadata must be created only once.
- For each dataset there must be one responsible for metadata.
PubStat objectives

- increasing efficiency
- reducing human intervention and, thus, mistakes
- reducing time-to-publish
- common "look and feel"
- reducing the number of different software tools
Quality Review
Statistics X

Quality problems
Recommendations

SIS Migration Plan
## Timing

<table>
<thead>
<tr>
<th>Year</th>
<th>Events</th>
</tr>
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<tbody>
<tr>
<td>May 2004</td>
<td>OECD.Stat in production</td>
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<tr>
<td></td>
<td>StatWorks v./ 1.0</td>
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<tr>
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<td>PubStat pilot Government Debt</td>
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<td>July 2004</td>
<td>MetaStore v./ 1.0</td>
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<td>PubStat v./1.0</td>
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<td>End 2004</td>
<td>Populating: 17 databases in OECD.Stat</td>
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<tr>
<td></td>
<td>Work flow</td>
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<tr>
<td>2005</td>
<td>+20 databases</td>
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