

# SDMX Reference Infrastructure

Workshop on Data and Metadata Sharing  
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# What is SDMX-RI?

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- ▶ Software suite developed by Eurostat
- ▶ Simplifies SDMX export from existing databases
- ▶ Has several modules
  - ▶ Mapping Assistant
  - ▶ Web Service provider
  - ▶ Low-level components (query parser, structure retriever, ...)
  - ▶ Web client
- ▶ Open-source implementation in Java and .Net



# Why use SDMX-RI?

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- ▶ The re-use of software
  - ▶ reducing costs
  - ▶ increasing productivity
- ▶ Provides statistical organisations re-usable building blocks:
  - ▶ .NET and Java implementations
  - ▶ Well defined API
  - ▶ Open Source package under the EUPL licence
  - ▶ Minimize installation effort

that enable production of SDMX data from existing reference / dissemination databases

Source: Eurostat

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# SDMX-RI: Implementation

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- ▶ The greatest effort is spent on configuring mappings using the Mapping Assistant
  - ▶ Mapping Assistant works with any DSD and database
- ▶ Other modules such as Web Service, use mappings from the Mapping Store and require a very small effort on configuration and maintenance.



# How it works

