



Food and Agriculture
Organization of the
United Nations



SIS-CC
Statistical Information System
Collaboration Community

ACHIEVING TOOLS INTEROPERABILITY; WHAT IMPACT ON SDMX 3.0 IMPLEMENTATION

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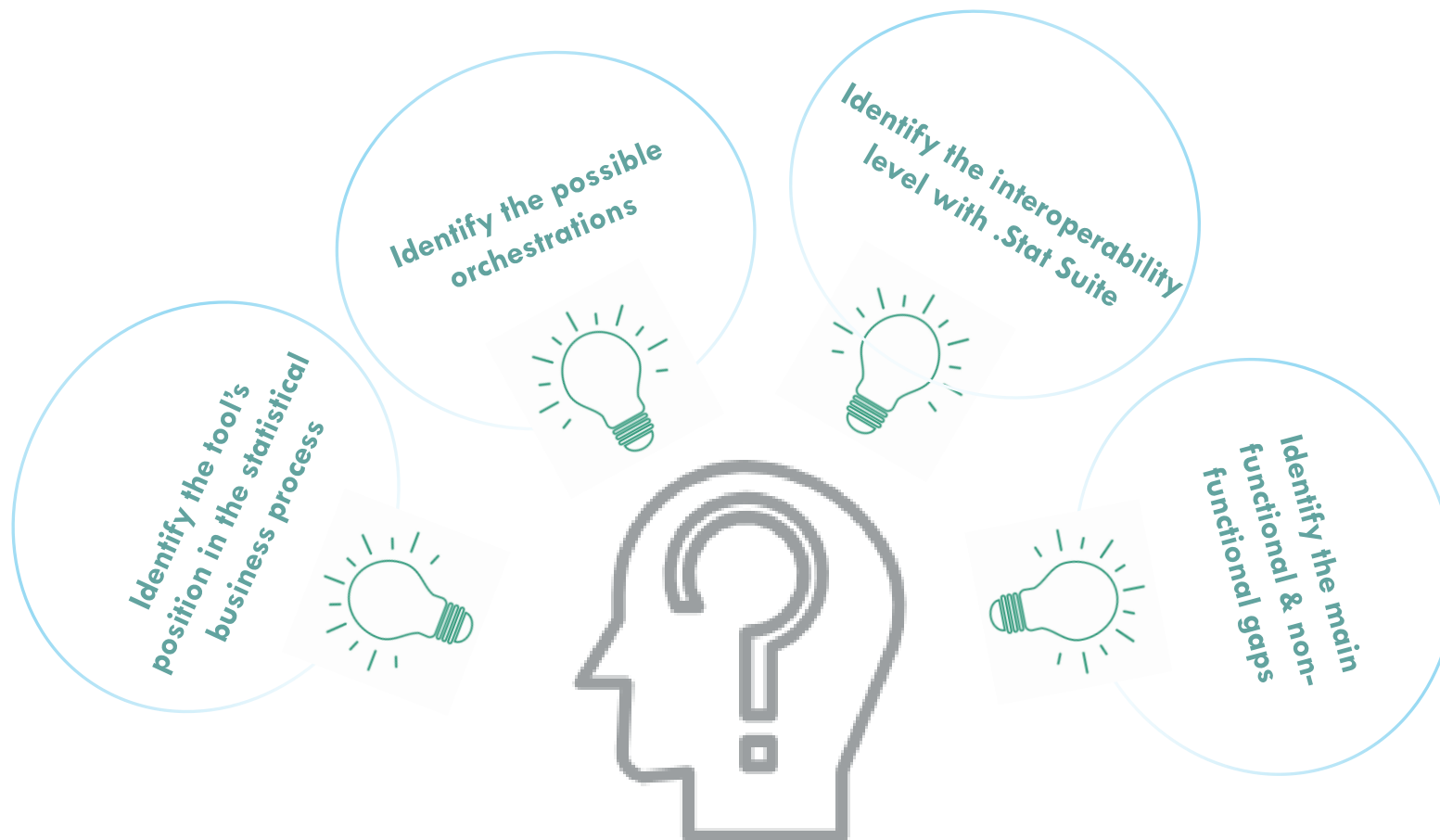
Manama, Bahrain

STAWG

The SDMX Tools Assessment Working Group (STAWG) have been mandated by the Statistical Information System Collaboration Community (SIS-CC) Management Level Group to *assess existing tools for SDMX artefact edition and maintenance.*



ASSESSMENT GOALS



FMR



MDM



EXCEL2CSV



SMART



DSDC



.Stat DLM Excel Add-in

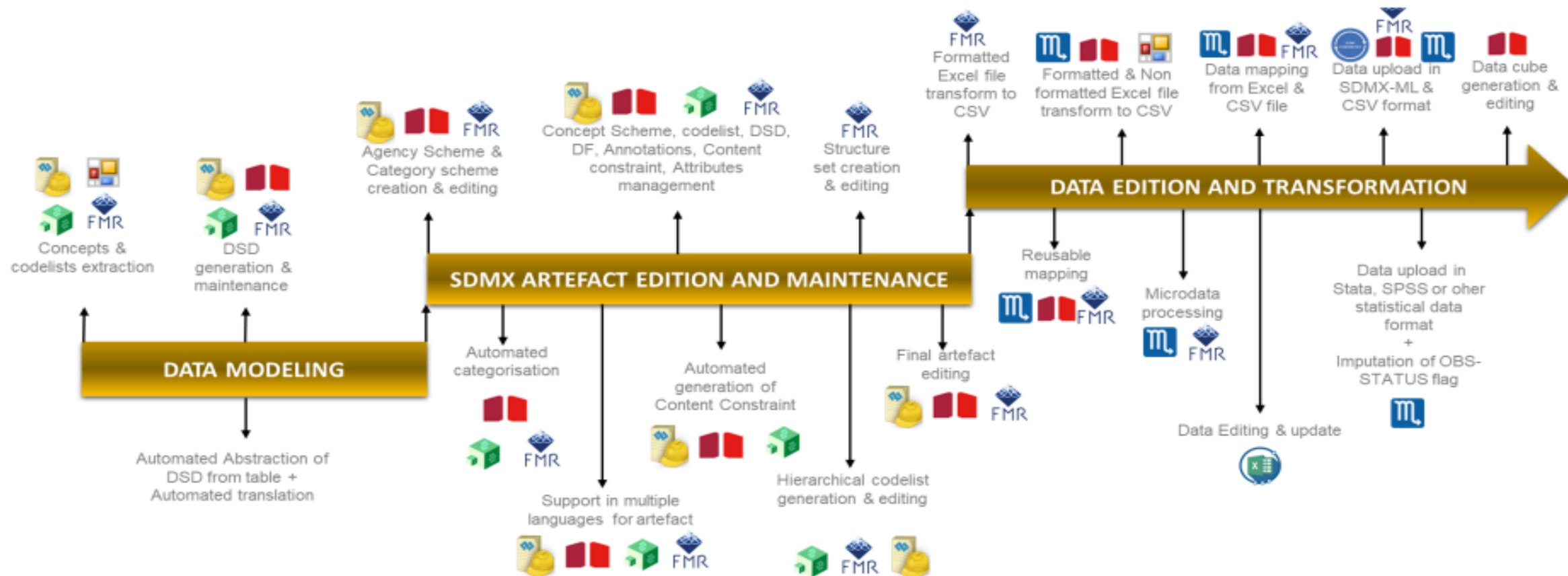


SDMX Converter



SDMX Matrix Generator

ASSESSMENT MAIN RESULTS



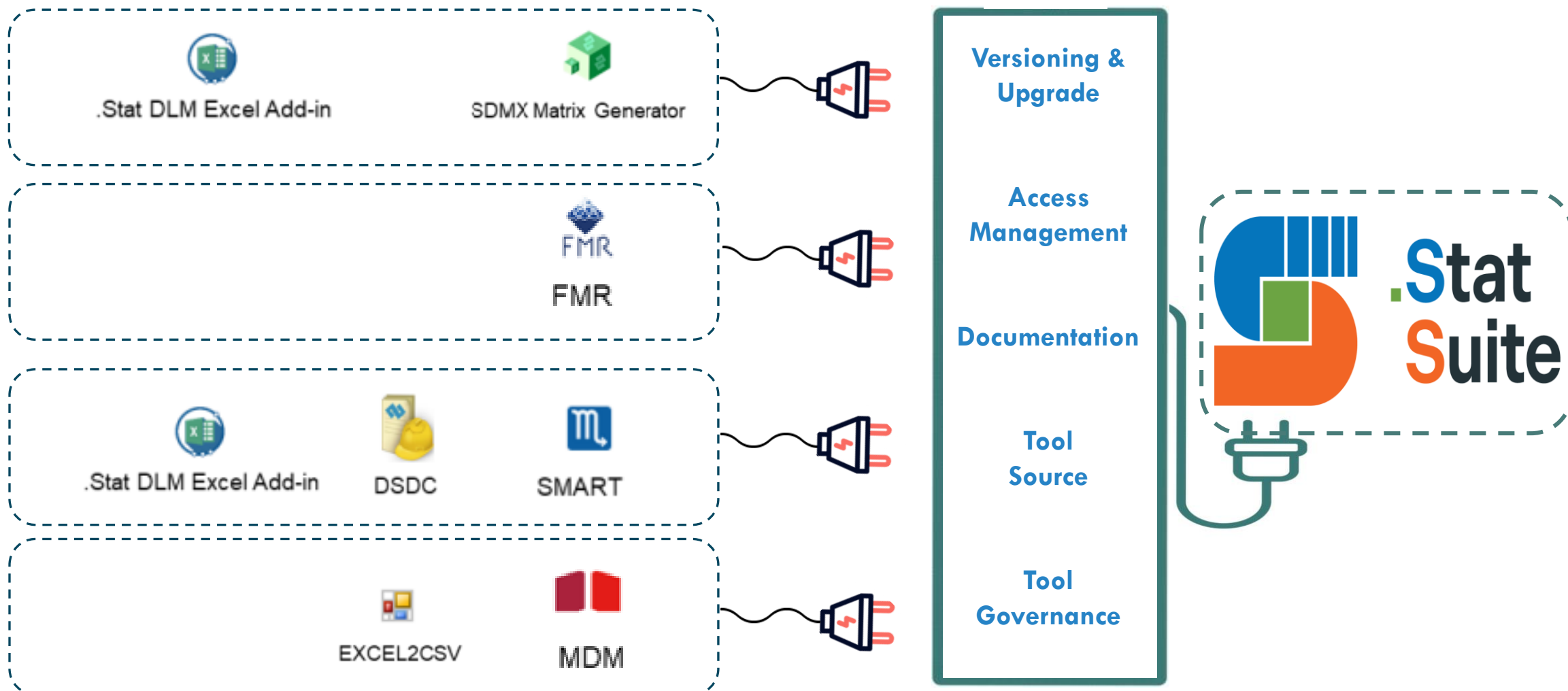
FUNCTIONAL MAPPING (MAIN CONCLUSION)

It's still necessary to **use** several SDMX-compliant tools **simultaneously**, to be able to edit and maintain SDMX Meta(data) Structures.

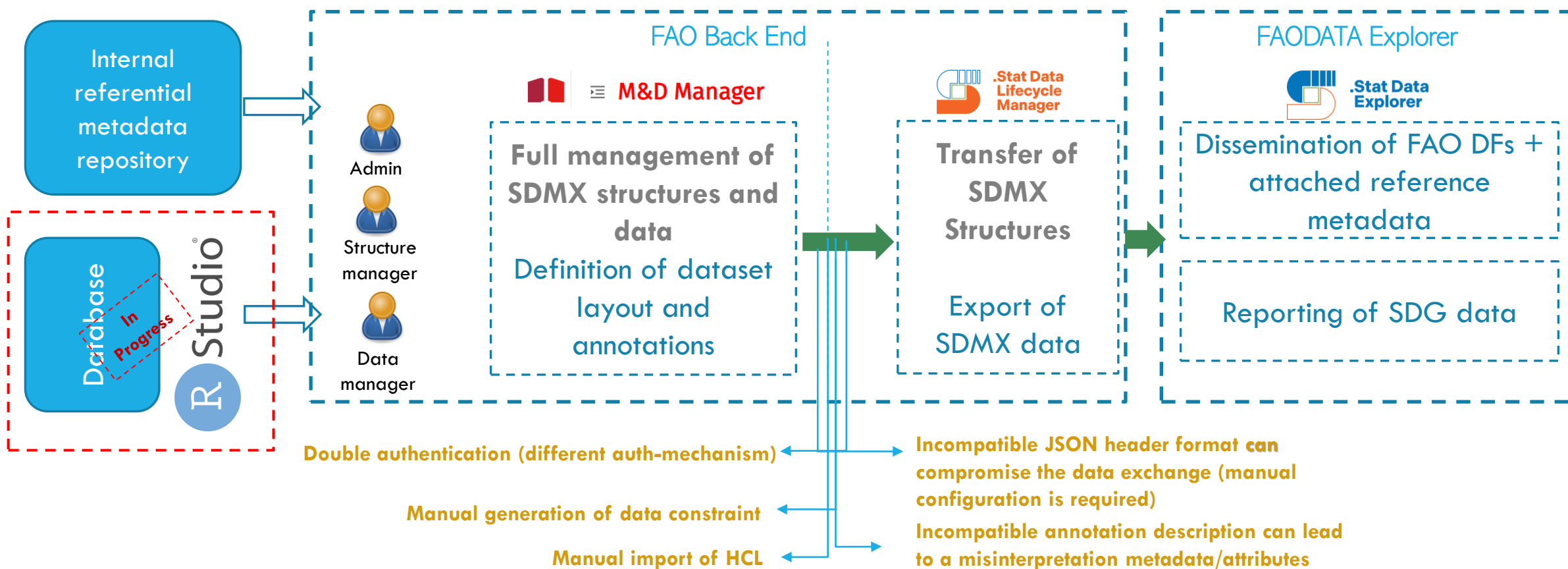


What about **interoperability** & **integration** of these tools?

MAIN INTEROPERABILITY REQUIREMENTS



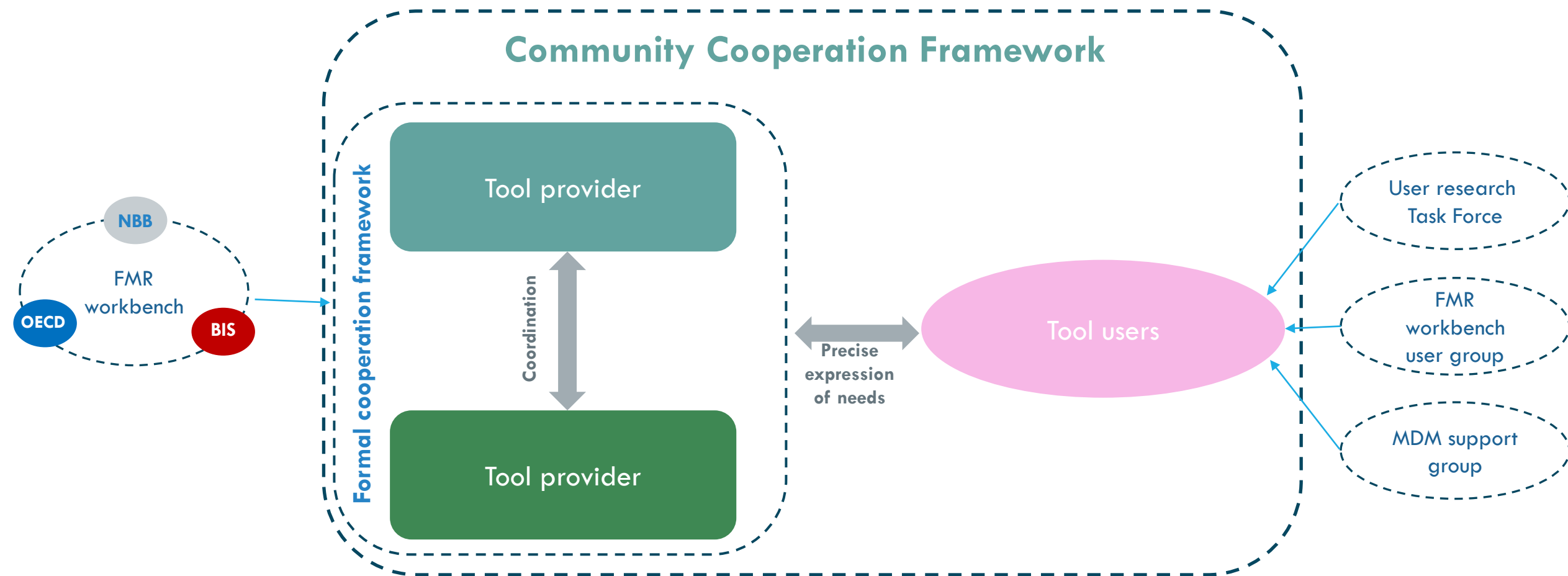
FAO SDMX INTEGRATION USE CASE AND MAIN CHALLENGES FOR SDMX 3.0 IMPLEMENTATION



MAIN CHALLENGES

- How to manage **versioning** and all the expected interoperability issues separately with each tool provider.
- Is there enough **documentation** with each version release, on how to integrate the tool in a changing technical environment?
- With any involved **change**, what impact on your established **workflow**?
- Are the tools **evolving** together in a **harmonized** way to catch the standard evolution?
- Is there any available **componentized** package for these tool that offer more flexible deployment?

HOW TO MOVE FORWARD?



SUGGESTIONS?

- Development should consider user needs in terms of tool integration.
 - Coordination of tools' harmonization and complementarity in terms of functional components
 - Release of required documentation should be coordinated to detail integration requirements for each new version of the tool.
 - Better consideration of a component-based development approach.
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- ➔ What collaborative approach can the community take to ensure better coordination among tool providers?
 - ➔ To what extent can SDMX interoperability guidelines help facilitate tool integration?
 - ➔ How can the formulation of user requirements be standardized to provide better guidance to tool vendors?

Thank you

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