

10TH EXPERT GROUP MEETING ON

Statistical Data and Metadata eXchange

JANUARY 25-28, 2021

Session Wrap-up: The Added Value of SDMX 3.0

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New features in SDMX 3.0

- ***Semantic versioning***
- ***Improve the exchange of reference metadata***
- ***New features to support microdata***
 - ***Support microdata exchange***
 - ***Multiple measures***
 - ***Multiple values for attributes***
 - ***Simplify DSD Dimensions***
- ***Enhanced artefacts***
 - ***Enhance the constraints artefacts***
 - ***Reorganising constraints***
 - ***Improve mapping by enhancing the Structure Set artefact***
 - ***Referencing of hierarchical codelists***
 - ***Schema attribute attachment at series & group level***

New features in SDMX 3.0

- ***Improved codelists' handling***
 - ***Codelist extension / composition***
 - ***Discriminated union of codelists***
- ***Support for geospatial information***
- ***Enhanced SDMX API***
 - ***Support reference metadata in the Restful API***
 - ***Deprecation of the SOAP API***
 - ***Group all structural metadata queries under a structure resource***
 - ***Support resource management - structures and data***
 - ***Improve clarity and documentation of the API***
 - ***Improving API data queries***
- ***Deprecation of obsolete formats***

Once upon a time...

- “Roadmap 2020” approved at the beginning of 2016
- Strategic objectives:
 1. Strengthening the implementation of SDMX;
 2. Making data usage easier via SDMX (especially for policy use);
 3. Using SDMX to modernise statistical processes, as well as continuously improving the standards and IT infrastructure;
 4. Improving communication in general, including a better interaction between international partners
- The implementation of the Roadmap required new features not available in SDMX 2.1

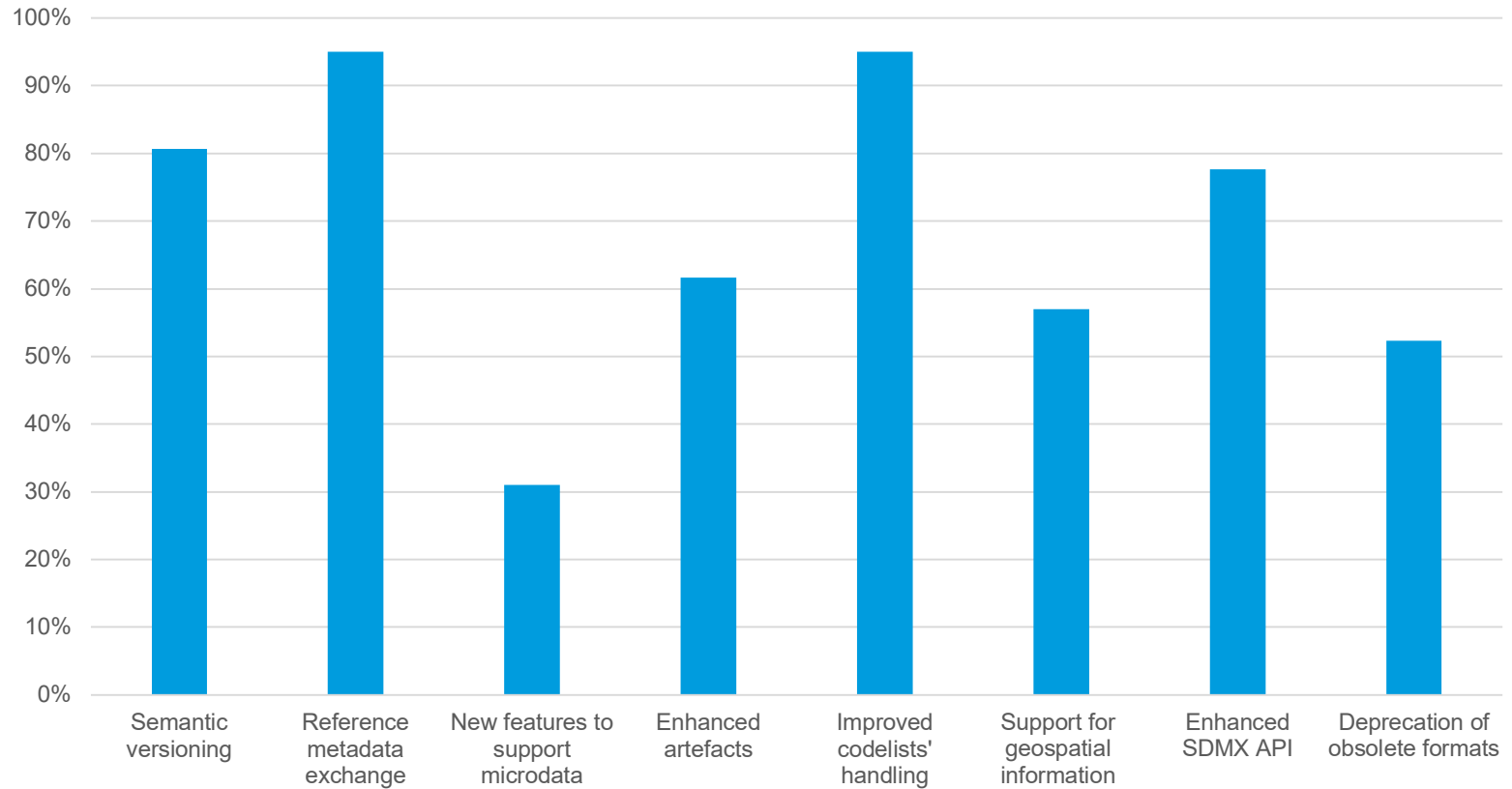
Once upon a time...

- By Q2-2016 “work packages” were defined in the TWG to work on the implementation of these new features, always following the vision in the Roadmap.
- The SWG released/updated a number of Guidelines on best practices in using SDMX, and promoted the development of global DSDs for several statistical domains
- However, that was not enough to achieve strategic objectives 2. and 3.
 - 2. Making data usage easier...
 - 3. Using SDMX to modernise statistical processes...
- After a joint meeting in June 2018, the TWG and SWG proposed to the Secretariat the implementation of a new version of the standard: **SDMX 3.0**

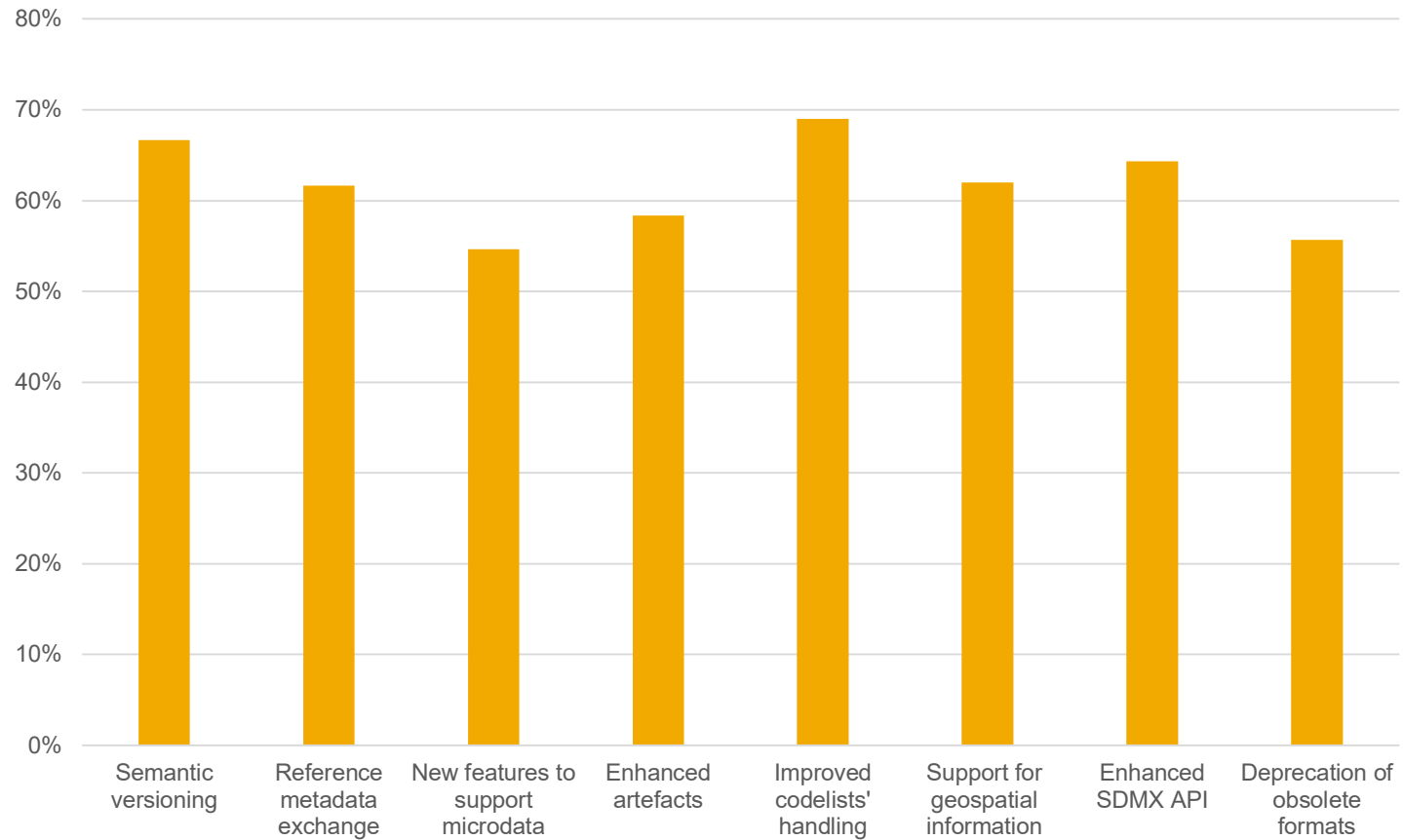
...and here we are now

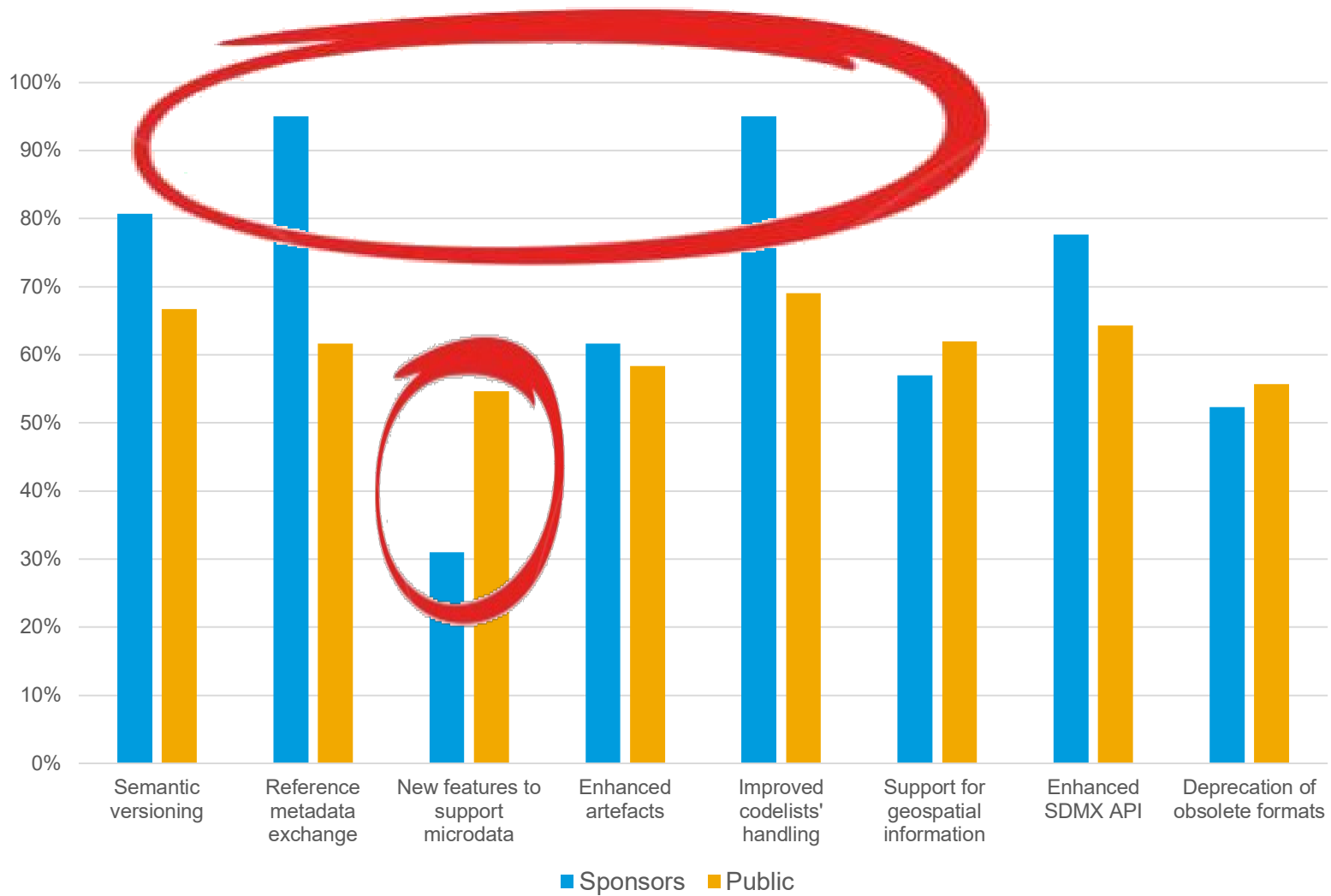
- Making data usage easier via SDMX
 - *Semantic versioning*
 - *New features to support microdata*
 - *Support for geospatial information*
 - *Enhanced SDMX API*
- Using SDMX to modernise statistical processes, as well as continuously improving the standards and IT infrastructure
 - *Improve the exchange of reference metadata*
 - *Enhanced artefacts*
 - *Improved codelists' handling*
 - *Deprecation of obsolete formats*
 - *Enhanced SDMX API*

Sponsors' preferences



Public's preferences





Go to www.menti.com and use the code 66 47 71 7

Which of the new features in SDMX 3.0 do you think adds more value?



Voting is closed



Preferences

