



**United  
Nations**

Department of  
Economic and  
Social Affairs

# **Interactive and digitally-enabled statistical standards**

## **17th Meeting of the Advisory Expert Group on National Accounts**

**15, 16 and 19 November 2021**

**United Nations Statistics Division**




**DESA**

Statistics Division

# What has been done?

- [Side event](#) to promote the work of the sub-task team was organized on 23 February 2021 during the 52nd Session of the UN Statistical Commission
- Update was provided to [15<sup>th</sup> meeting](#) of the AEG on national accounts



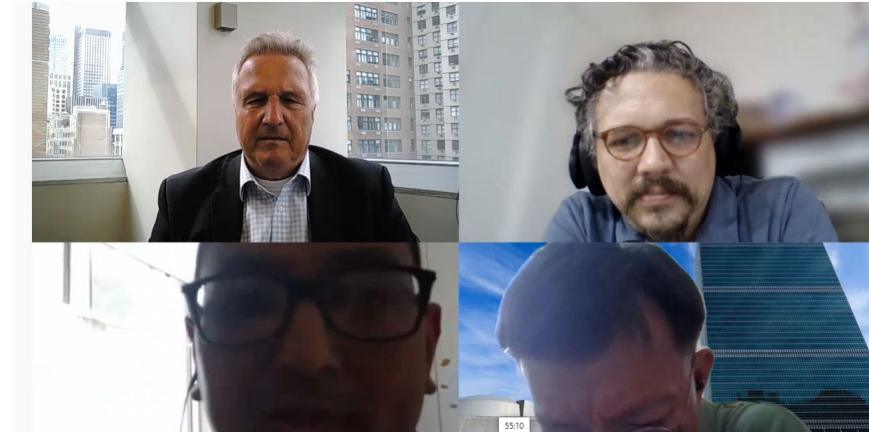
 **15th MEETING OF THE ADVISORY EXPERT GROUP ON NATIONAL ACCOUNTS**  
6 - 8 April, 2021, Remote Meeting

**List of Documents for the Meeting**  
*Download all available papers and presentations (as of 7 April 2021)*

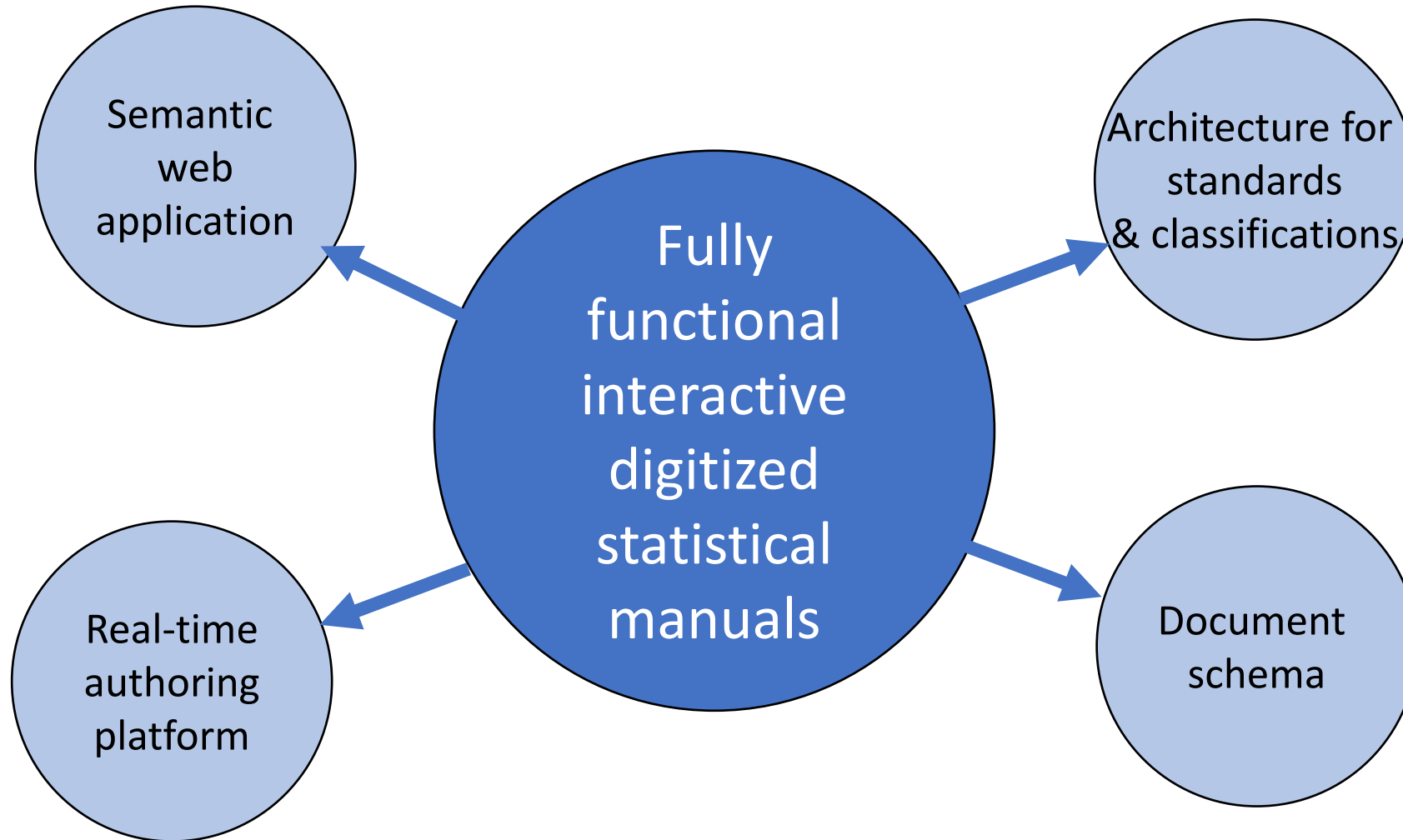
DOCUMENTATION FOR THE MEETING	FILE
Agenda	<a href="#">PDF</a>
Conclusions	<a href="#">PDF</a>
PAPERS AND PRESENTATIONS FOR THE MEETING	PAPER PRES.
Reference Documents for the Meeting	
RM1. Terms of Reference of the ISWGNA	<a href="#">PDF</a>
RM2. Report of the ISWGNA to the United Nations Statistical Commission at its 52nd Session	<a href="#">PDF</a>
RM3. Supplement to the Report of the ISWGNA to the United Nations Statistical Commission at its 52nd Session	<a href="#">PDF</a>
RMS. Update Procedure for the System of National Accounts	<a href="#">Link</a>
1. Introduction	
Working methods of the meeting	
2. SNA update programme	
2.1. Review of the editorial process, the assessment and experimental estimation of recommendations and funding	
2.1.1 Assessments and experimental estimation	<a href="#">PDF</a> <a href="#">PDF</a>
2.1.2 Editorial Process	<a href="#">PDF</a>
2.1.3 Funding	<a href="#">PDF</a>
3. Consistency issues	
3.1 Overview of issues relevant for the SNA update	<a href="#">PDF</a> <a href="#">PDF</a>
4. IPSAS	
4.1 Financial reporting supporting statistics data quality	<a href="#">PDF</a> <a href="#">PDF</a>
5. Communication	
5.1. Task team on Communication - short overview of progress of work	<a href="#">PDF</a>
6. Globalization	
6.1. Task team on Globalization - short overview of progress of work (including SPEs)	<a href="#">Overview</a> <a href="#">PDF</a> <a href="#">PDF</a>
6.2. Treatment of MNEs and intra-MNE flows	<a href="#">PDF</a> <a href="#">PDF</a>
7. Digitalization	

# What has been done?

- A number of brainstorming sessions to discuss and conceptualize the way forward



# Outcome – 4 components



Transforming the way we use economic statistics manuals & classifications

# Architecture for interactive and digitally-enabled standards and classifications - deliverables

Prototype of a common architecture for an interactive platform linking international statistical standards for economic statistics, classifications and other statistical domains

Draft ontologies and vocabularies in RDF format to formalize concepts, relations and axioms

Collaboration with FAO on expanding its [Caliper](#)

# Designing XML document schema for economic statistics - deliverables

Report on existing standards for creating structured and semantically annotated documents across different domain areas

Initial proof of concept of document schema and supporting code in Git for a conceptual data and metadata model of the content of the 2008 SNA and BPM6

Agenda, presentation deck, and background notes to support the discussion of the initial proof of concept

Final report and proof of concept

# Real-time collaborative authoring platform - deliverables

Report on existing open-source and proprietary wiki software and WYSIWYG editors that support real-time collaboration and are extensible

Plugin to an existing WYSIWYG editor or the default editor of the chosen wiki to enable annotation of text

Wiki setup on development server, with tailored configuration and integration of annotation plugin, search functions, user access and document templates

End user and developer documentation, wiki installation setup and configuration tutorial

Example is Wikipedia (an open-source wiki) + tailored plugins

# Semantic web application for economic statistics - deliverables

A git repository with the code for the web application

A compelling web application showing the benefits of linked open data (LOD) to economic statistics, showing all commits, deployed to production from each commit to the master branch

Example is the [LinkedSDG](#) application on UN Global Platform



# Way forward

- Sub-task team meeting on 9 September 2021 endorsed the approach
- Consultants are needed for each component and will be funded by UNSD
- Consultant for real-time authoring platform has been recruited and has started work
- Recruitment of consultants for other components are in progress



Thank you