

# UNECE Webinar Data transmission and regional reporting

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## The SDGs Data Lab



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# What is the SDGs Data Lab ?



- The SDGs data lab is an online platform established by UNSD
  - To allow the exchange of SDGs indicators data and metadata by countries and custodian agencies with UNSD
  - To allow comparison of national data provided by countries against data provided by international organisations
  - To gradually replace all other forms of data submission from Custodian agencies and countries to the UNSD Global SDG indicator data base
- Chaired by France since 1<sup>st</sup> of January with UNSD acting as Secretariat
- A request of the 2017 UN Statistical Commission to present international and national data side by side in order to facilitate dialogue between countries and custodian agencies, explain discrepancies and improve coordination

# Objectives of the SDGs Data Lab



- Increasing transparency of data, improving internationally comparability and data availability
- Reconciling the two complementary roles of custodian agencies and countries
  - Custodian agencies focusing on cross-country comparability and compliance with international standards
  - NSOs, being the main source informing policy analysis and decision making at national level, focusing on the comparability and consistency of country-specific data published in the Global SDGs database with their own data in their national SDGs database
- But METADATA must accompany the data to explain differences that might exist. Without metadata, discrepancies will remain unexplained and misleading as there are many valid reasons why country-level data reported by international agencies and reported by countries are different.

# The SDGs Data Lab : a work still in progress



- At this time, without appropriate metadata, the SDG Data Lab can't be made available to a wide audience
- A draft global metadata structure (MSD) for the SDG indicators was agreed by the SDMX working group end of December 2019. The release the first official version of the MSD is planned at the end of the year, taking into accounts feedbacks from current pilot metadata exchanges
- An authoring tool which will facilitate the compilation and allow the exchange of metadata in SDMX format is expected to become available in the second half of 2020.
- The opportunity to comprehensively analyze any differences is low without metadata even if the SDGs DSD provides information on the quality of data reported by Custodian agencies (nature of data – and footnotes on time series or observation).

# France pilot experience (1)

➤ The SDG datalab is accessed by a webbrowser

<https://unstats.un.org/SDGLab>



SDGs Data Lab (v0.91) [About](#)

Please enter your credentials:

User Name

Password

Remember me?

Log in

# France pilot experience (2)

## Navigation

The screenshot shows the SDGs Data Lab interface with the following elements and annotations:

- 5**: [Data Importer](#) button in the top navigation bar.
- 1**: [Analysis](#) button in the top navigation bar.
- 6**: **Logged in: mk@ubos.org!** status in the top navigation bar, with a [Log Out](#) link.
- 2**: **Data Availability** section containing radio buttons for:
  - Either International or National data
  - Both International and National data
  - Only International data
  - Only National data
  - No data available
- 3**: **282 Series (Uganda, Either International or National data)** text and [Download CSV](#) button.
- 4**: **Goal 1: End poverty in all its forms everywhere** section containing:
  - [1.1.1 Proportion of population below international poverty line \(SI\\_POV\\_DAY1\)](#)
  - [1.1.1 Employed population below international poverty line \(SI\\_POV\\_EMP1\)](#)
  - [1.2.1 Proportion of population living below the national poverty line \(SI\\_POV\\_NAHC\)](#)
  - [1.3.1 Proportion of population covered by social assistance programs \(SI\\_COV\\_SOCAST\)](#)
  - [1.3.1 Proportion of population covered by social insurance programs \(SI\\_COV\\_SOCINS\)](#)

# France pilot experience (2)

## DATA IMPORTER (5)

- **Country-level data was uploaded using an SDMX API based on the Global SDG DSD** (it is also possible to drag and drop an SDMX data file onto the page within the specified area)
- National SDG DSDs are not supported. Only Global SDGs indicators reported by countries can be uploaded in the SDGs data Lab (no national SDGs indicators)
- If it is successfully uploaded, a confirmation message is displayed
- Global SDGs data reported by agencies are already uploaded in the SDGs datalab but are only available when UNSD published this data
- When country-level data are uploaded, it is immediately processed and comparisons with the already UNSD published global data available

# France pilot experience (3): Analysis



## Country

France

## Data Availability

- Either International or National data
- Both International and National data
- Only International data
- Only National data
- No data available

276 Series (France, Either International or National data) [Download CSV](#)

## Goal 1: End poverty in all its forms everywhere

- 1.1.1 Proportion of population below international poverty line (*SI\_POV\_DAY1*)
- 1.3.1 Proportion of mothers with newborns receiving maternity cash benefit (*SI\_COV\_MATNL*)
- 1.3.1 Proportion of poor population receiving social assistance cash benefit (*SI\_COV\_POOR*)
- 1.3.1 Proportion of children/households receiving child/family cash benefit (*SI\_COV\_CHLD*)
- 1.3.1 Proportion of unemployed persons receiving unemployment cash benefit (*SI\_COV\_UEMP*)
- 1.3.1 Proportion of vulnerable population receiving social assistance cash benefit (*SI\_COV\_VULN*)
- 1.3.1 Proportion of employed population covered in the event of work injury (*SI\_COV\_WKINJRY*)



# France pilot experience (3 bis): Analysis



## Country

France

## Data Availability

- Either International or National data
- Both International and National data
- Only International data
- Only National data
- No data available

3 Series (France, Both International and National data) [Download CSV](#)

Goal 1: End poverty in all its forms everywhere

Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture

Goal 3: Ensure healthy lives and promote well-being for all at all ages

Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

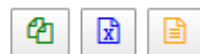
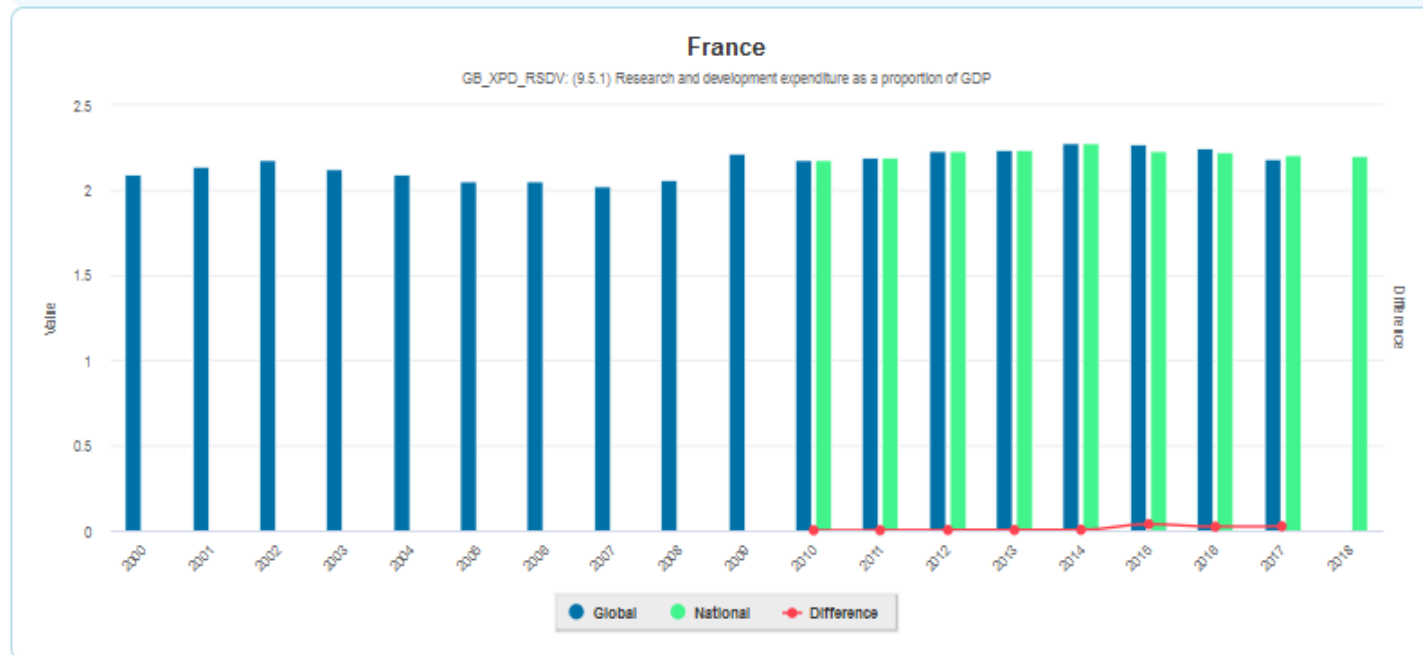
# France pilot experience (4)

➤ Comparison of country-level data by the agency and the country



<< Back


Filter



Previous 1 Next

TimePeriod	Value_Global	Value_Country	Difference	Units
2000	2.09346			PT
2001	2.13804			PT

# The SDGs Data Lab: a very friendly and intuitive platform

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- The SDGs Data Lab is based on SDMX dataflows. SDMX not only facilitates data exchanges but also greatly simplifies the comparison, since both the global and national datasets follow the same DSD.
  - To facilitate highest rates of adoption of SDMX exchange among reporters including both countries and international agencies, the Working Group will develop an information site with links to the DSD and MSD, technical documents, tutorials and a non-technical guide on how to start with the implementation of SDG dataflows in SDMX, share good practices, FAQs, etc.


# The SDMX Working Group web page

➤ The information website is available at <https://unstats.un.org/sdgs/iaeg-sdgs/sdmx-working-group/>

## SDG Data Structure Definition


The SDG Data Structure Definition can be downloaded using the links below.

- **SDG DSD:** This is the DSD in the SDMX-ML format, downloadable from the SDMX Global Registry
- **SDG DSD Matrix:** This is an Excel representation of the DSD.
- **Guidelines for use of the Global SDG DSD:** This document contains additional information about the DSD and guidelines for its usage.
- **Guidelines for the customization of the Global DSD:** This document contains information and recommendations on customization of the global SDG DSD for national use

 SDG DSD Matrix Version 1.0

 Global SDG DSD v1.0

 Guidelines for the Global DSD for SDGs

 Guidelines for the customization of the Global DSD



Many thanks for your attention