Using SDMX with the Open SDG platform

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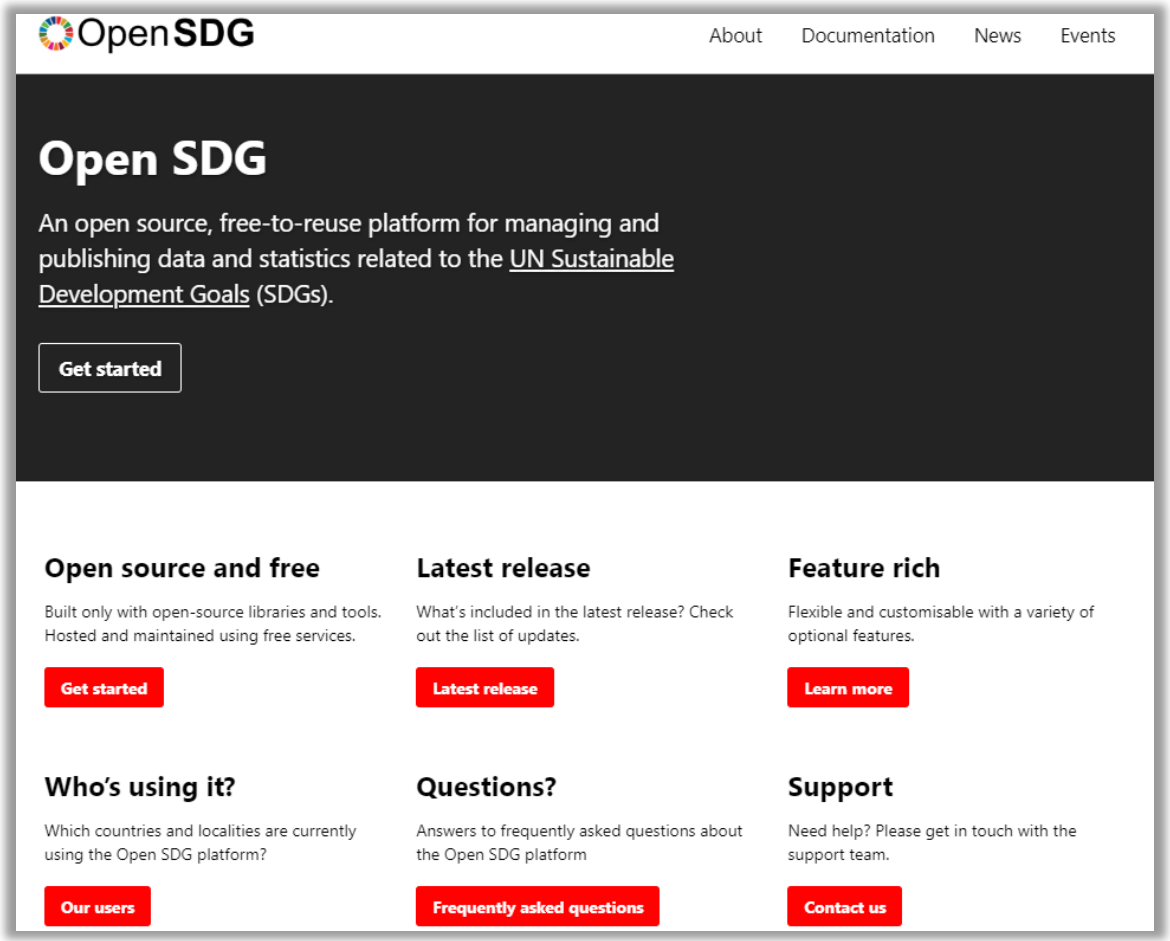
Open SDG

- Open source
- Free to reuse
- Collaborative
- Fully customisable
- Multilingual
- Interoperable
- User-centred
- Accessible

open-sdg.org



OpenSDG

SUSTAINABLE DEVELOPMENT GOALS

Open SDG

Armenia
Bosnia & Herzegovina
Bristol
Germany
Ghana
Iceland
Kazakhstan
Kyrgyzstan
Lao PDR
Lombardy
Los Angeles
Madrid
Malta
Moldova
Myanmar
Nepal
Poland
Rwanda
Sierra Leone
South Korea
United Kingdom
United States

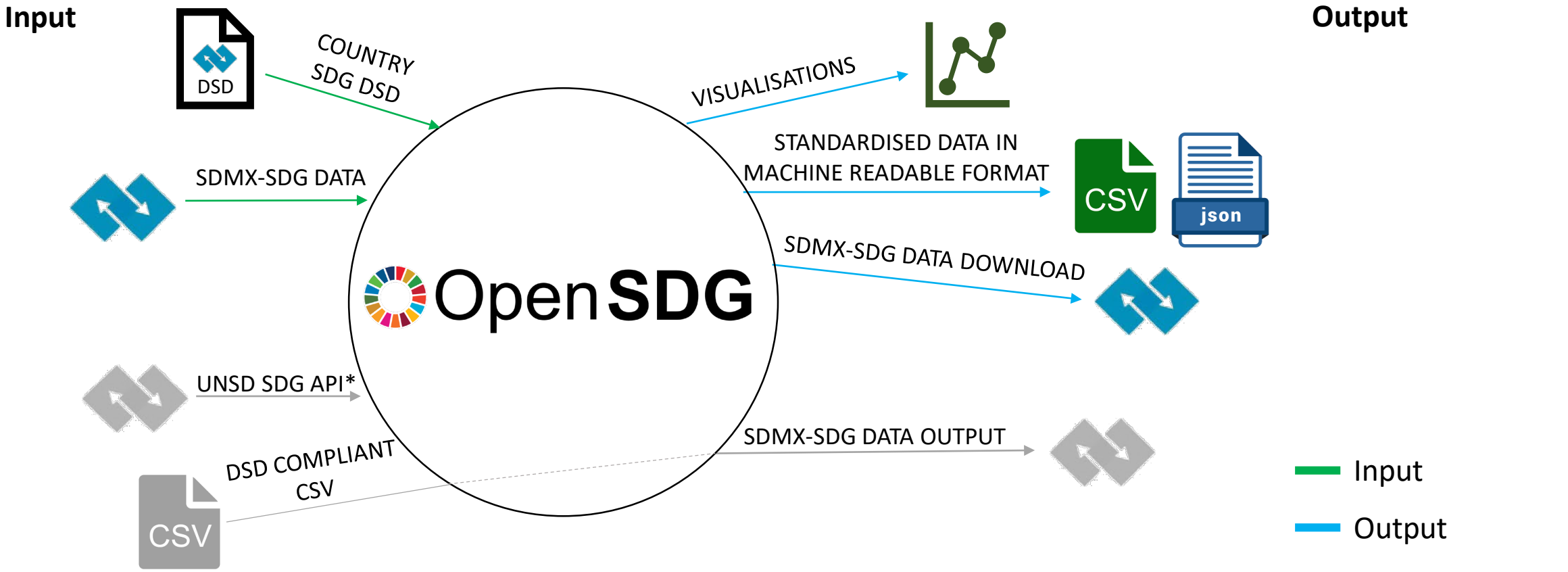
Localities using/developing an Open SDG platform

Data and metadata exchange

		Current	In development
Data	Input	CSV SDMX-ML SDMX-API	
	Output	CSV JSON* GEOJSON*	SDMX CSVW
Metadata	Input	CSV Excel YAML/Markdown	SDMX
	Output	JSON*	

*available programmatically

SDMX data input/output features



* Will use global SDG DSD

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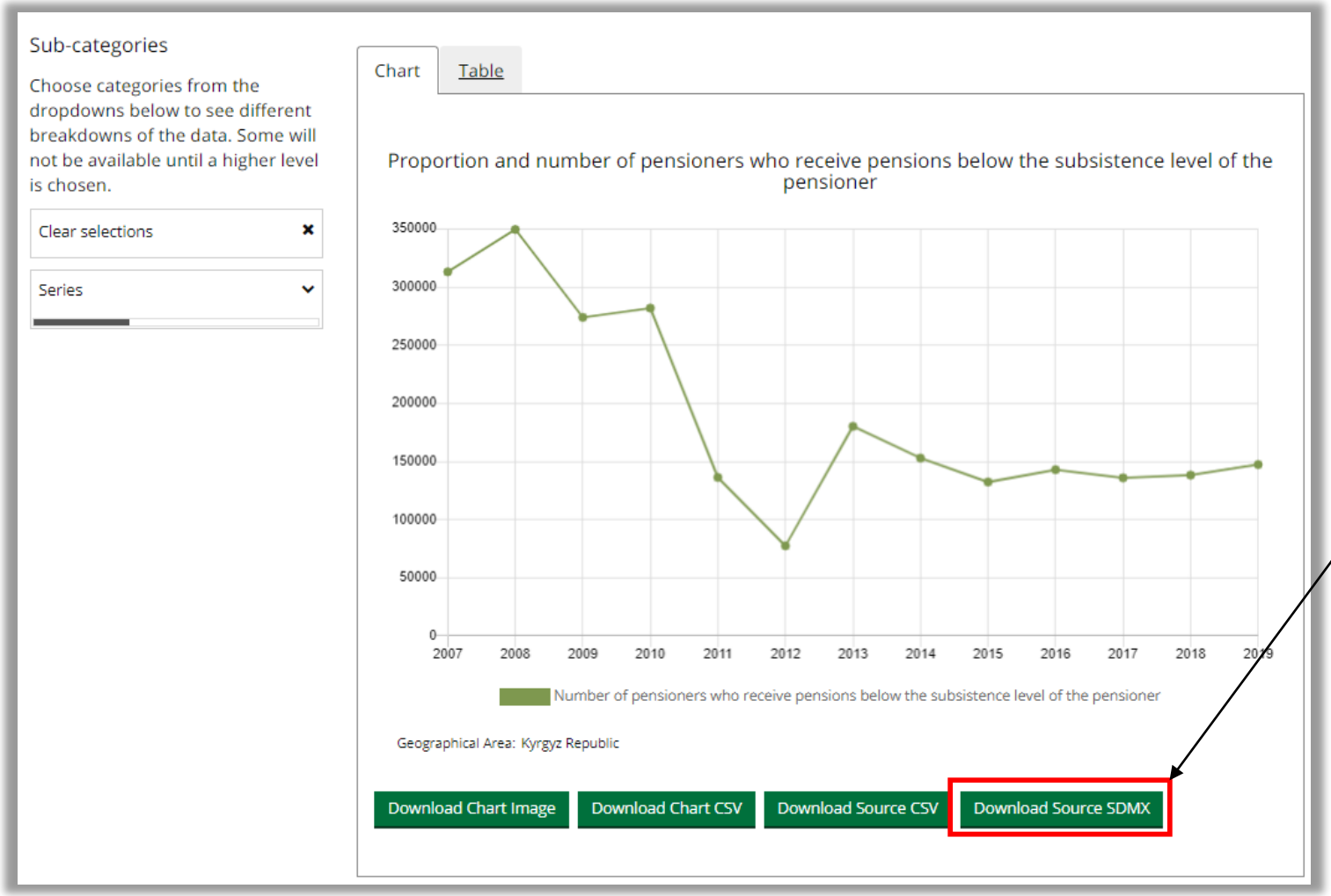
Kyrgyzstan example

https://sustainabledevelopment-kyrgyzstan.github.io/1-3-1-1g/



Option to download source data in SDMX format

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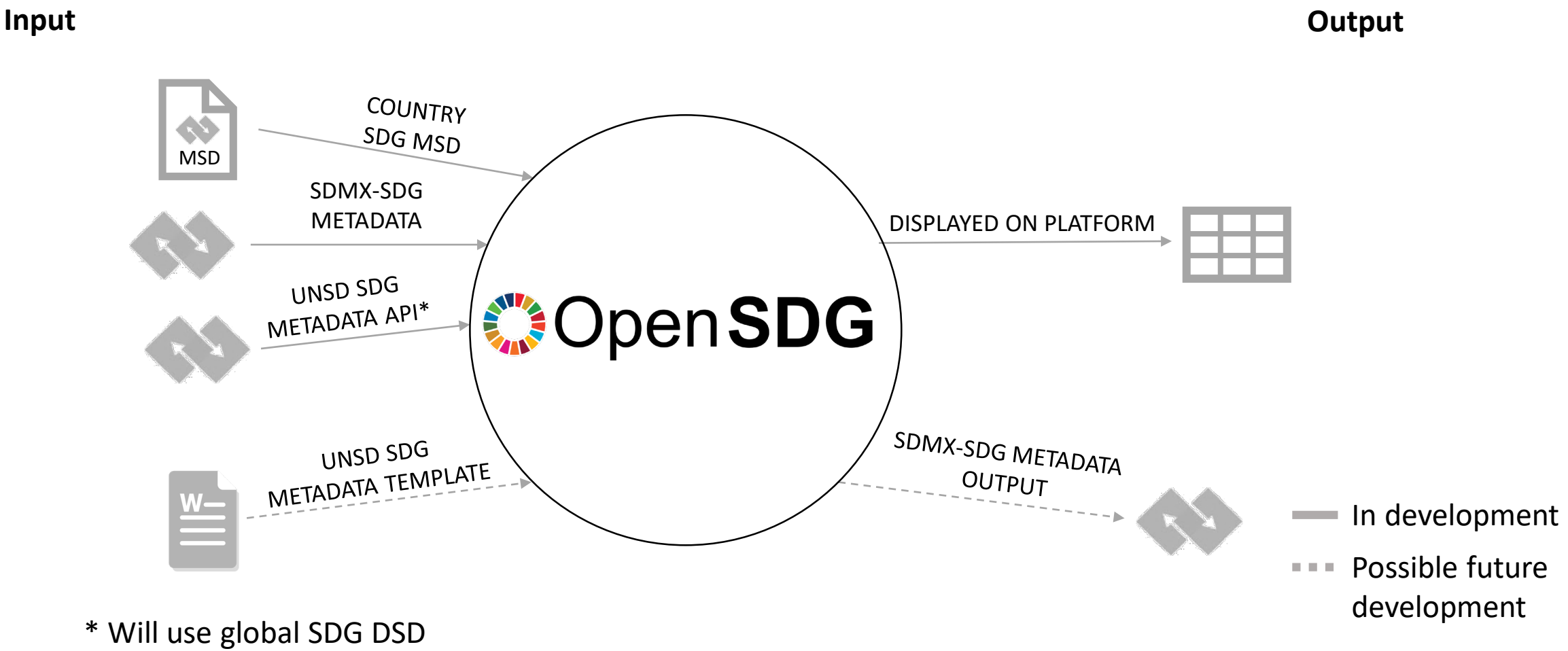
SDMX metadata input/output features



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Benefits

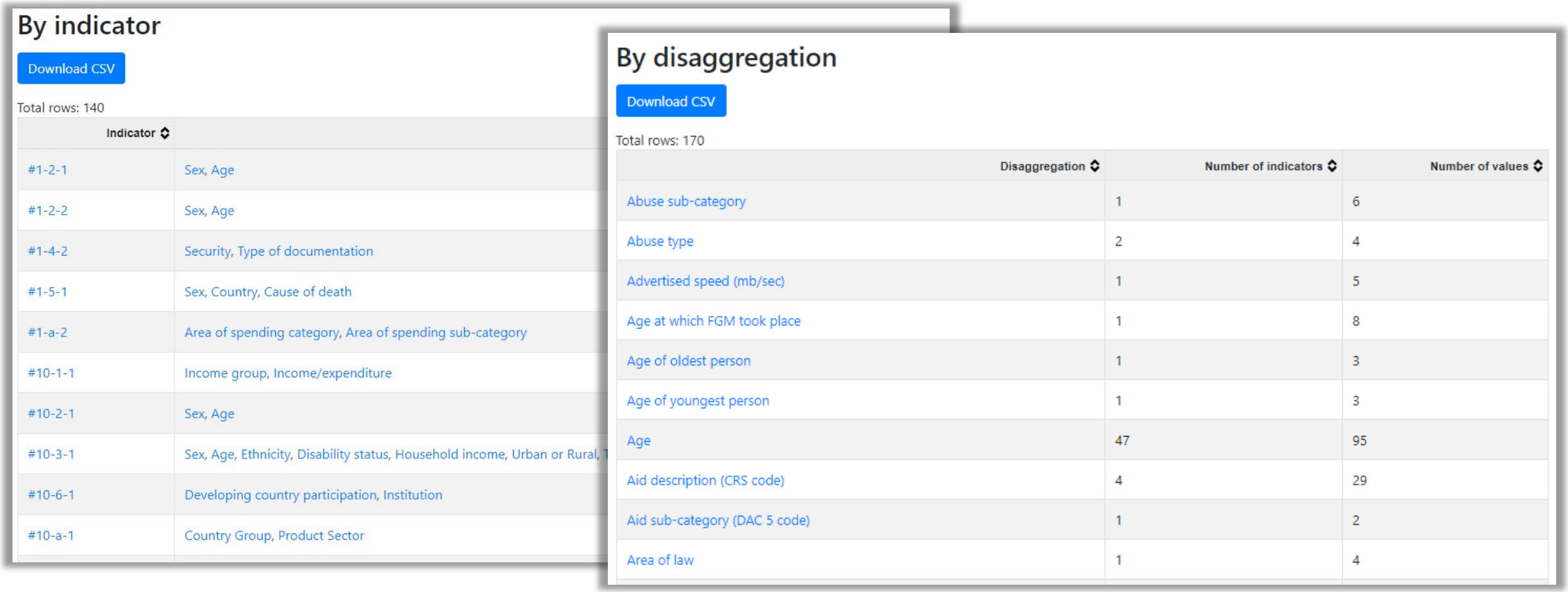
- Built-in reports on disaggregation terms used can help with
  - standardisation of terms
  - mapping to DSD

- Can link via SDMX-API to data stored in other platforms or store SDMX files locally

- Translations can be pulled directly from DSD into Open SDG

Preparing for SDMX implementation

- Disaggregation report helps identify inconsistencies in data terms



By indicator

Download CSV

Total rows: 140

Indicator	
#1-2-1	Sex, Age
#1-2-2	Sex, Age
#1-4-2	Security, Type of documentation
#1-5-1	Sex, Country, Cause of death
#1-a-2	Area of spending category, Area of spending sub-category
#10-1-1	Income group, Income/expenditure
#10-2-1	Sex, Age
#10-3-1	Sex, Age, Ethnicity, Disability status, Household income, Urban or Rural, T
#10-6-1	Developing country participation, Institution
#10-a-1	Country Group, Product Sector

By disaggregation

Download CSV

Total rows: 170

Disaggregation	Number of indicators	Number of values
Abuse sub-category	1	6
Abuse type	2	4
Advertised speed (mb/sec)	1	5
Age at which FGM took place	1	8
Age of oldest person	1	3
Age of youngest person	1	3
Age	47	95
Aid description (CRS code)	4	29
Aid sub-category (DAC 5 code)	1	2
Area of law	1	4

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Contact information

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Open SDG:

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