



UK SDMX Experience

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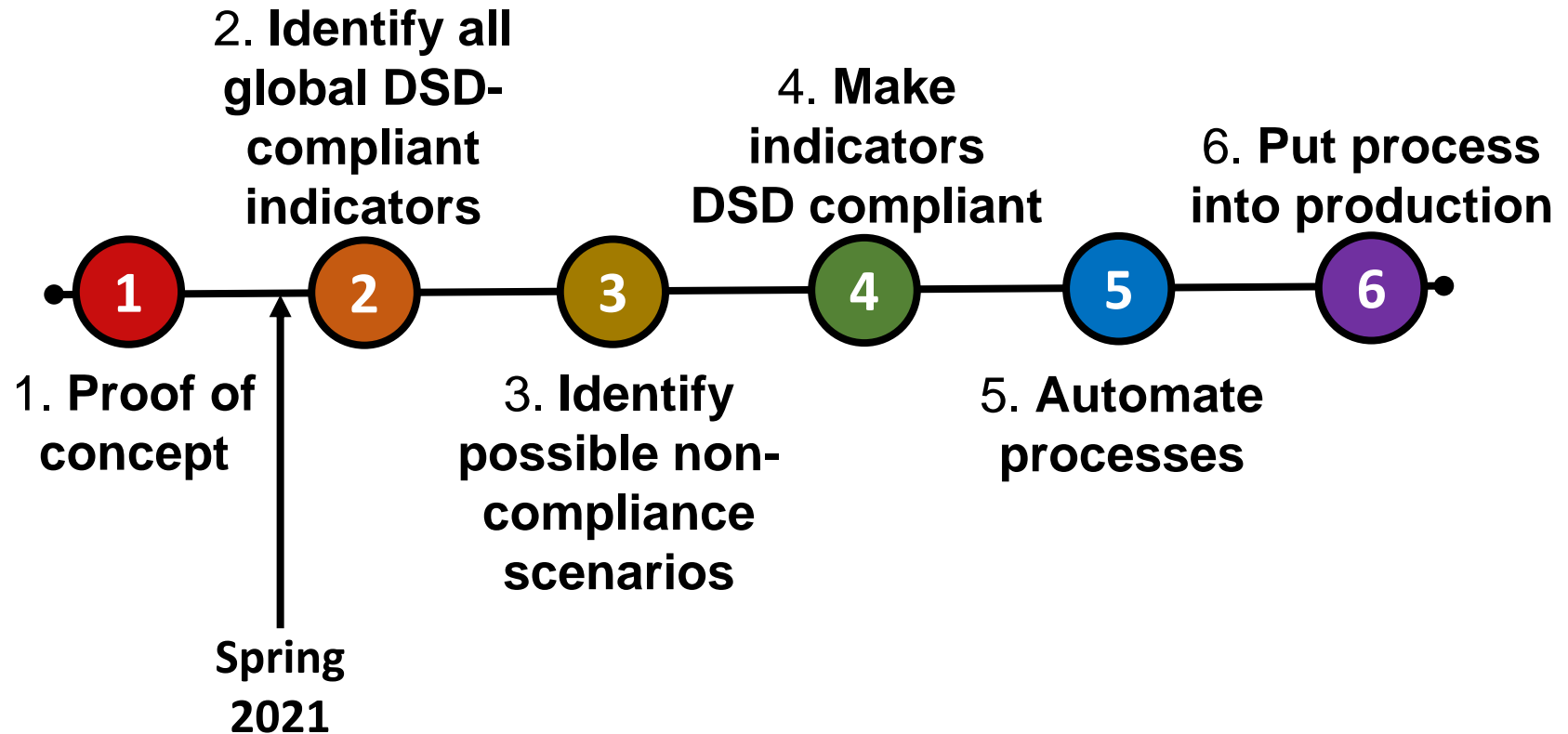


Objectives

- Increase SDMX output from UK Platform
- Upload SDMX data and metadata to SDGs Data Labs
- Standardised disaggregations
- Explore automation options

Previous UK SDMX progress

- Proof of concept
- Data standardisation
- Joined SDMX-SDG Working Group



Identifying compliant & non-compliant indicators

- Our platform data
- Navigating definition differs
- Longlist of potential SDMX indicators
- Creation of live dynamic monitoring document



Meeting SDMX requirements

- Using DSD and content constraints
- Managing what is visible on the platform
- Developing code and column mappings

Unit of Measurement

GBP

Constant USD

Sub-categories

Choose categories from the dropdowns below to see different breakdowns of the data. Some will not be available until a higher level is chosen.

Clear selections ✕

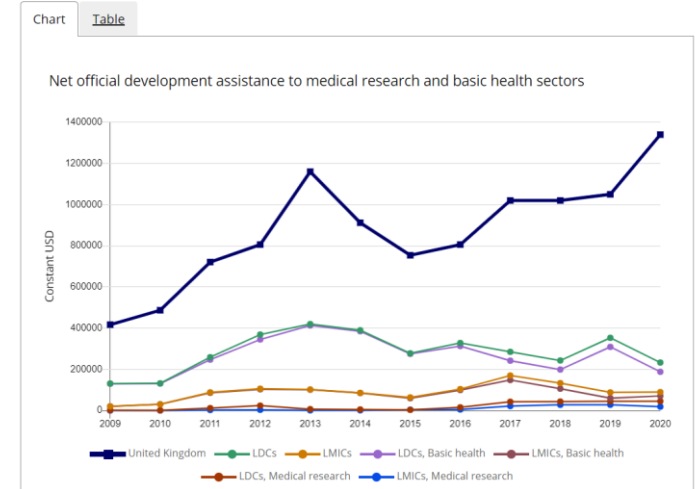
Country income classification ▾

Aid description (CRS code) ▾

Select all Clear all

Basic health

Medical research



86 lines (86 slots) 5.36 KB

Raw Blame

Search this file...

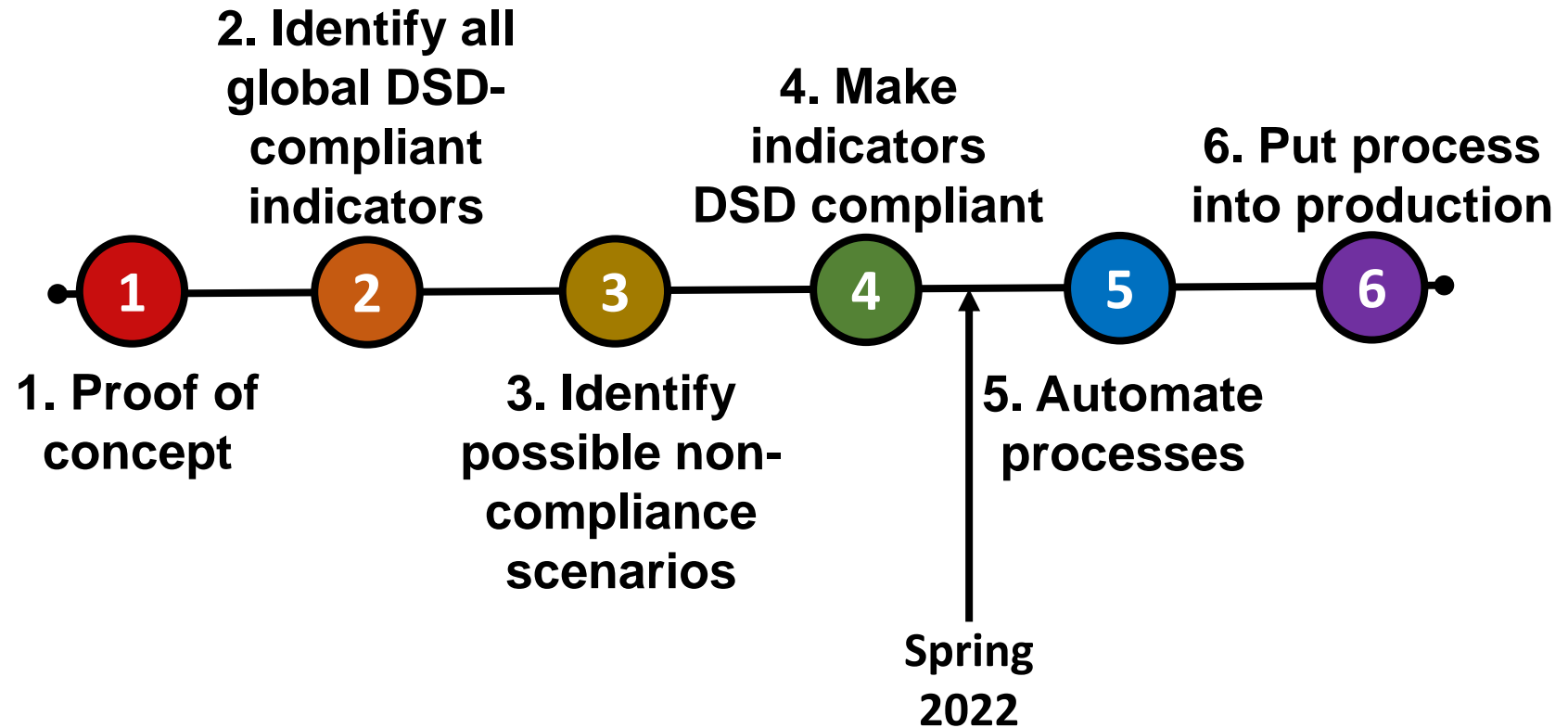
Text	Dimension	Value
1 Text		
2 Estimated value	OBS_STATUS	E
3 Units	UNIT_MULT	0
4 Percentage (%)	UNIT_MEASURE	PT
5 Index	UNIT_MEASURE	IX
6 Rate per 1,000 live births	UNIT_MEASURE	PER_1000_LIVE_BIRTHS
7 Male	SEX	M
8 Female	SEX	F
9 Urban	URBANISATION	U
10 Rural	URBANISATION	R
11 Normal value	OBS_STATUS	A
12 Thousands	UNIT_MULT	3
13 Local currency	UNIT_MEASURE	CUR_LCU
14 Constant USD	UNIT_MEASURE	CON_USD
15 Total official development assistance (gross disbursement) for water supply and sanitation, by recipient countries	SERIES	DC_TOF_WASHL
16 Annual growth rate of real GDP per capita	SERIES	NY_GDP_PCAP
17 Quarterly	FREQ	Q
18 Annual growth rate of real GDP per employed person	SERIES	SL_EMP_PCAP

Open SDG output and validation

- More than 30 indicators now published in SDMX standard
- Validating data
- Metadata trial and uploading to SDGs Data Lab
- Metadata forms

Next steps

- UN Word metadata template forms
- Automation to SDGs Data Lab
- Indicators in devolved format
- Revisit paused indicators



Successes

- Open SDG converts to SDMX and validates automatically
- Metadata templates map automatically to MSD
- Open SDG customisation with code and column mapping

Lessons learnt

- Consistency in disaggregations
 - ↳ Disaggregation report makes this easier
- Errors in data can prevent data being output
 - ↳ Open SDG identifies issues in GitHub

Disaggregation report

On this page

- [By disaggregation](#)
- [By indicator](#)

By disaggregation

[Download CSV of disaggregations](#)

Size: 4.3 kB

Total rows: 181

Disaggregation *	Number of indicators †	Number of values ‡
Abuse sub-category	1	6
Abuse type	2	4
Activity	1	1
Age	47	101
Age at which FGM took place	1	8
Age group	1	2
Age of oldest person	1	3
Age of youngest person	1	3

```
1187 00:03:42 - 9-1-1 - Removed 1 rows while constraining data to the global content constraints (out of 1). Reasons below:
1188 00:03:42 - Column "URBANISATION" is missing value. Allowed values are: R
1189 00:03:43 - 16-1-1 - Removed 417 rows while constraining data to the DSD (out of 417).
1190 00:03:43 - 11-b-1 - Removed 0 rows while constraining data to the DSD (out of 1).
1191 00:03:43 - 16-a-1 - Removed 0 rows while constraining data to the DSD (out of 1).
1192 00:03:43 - 14-2-1 - Removed 140 rows while constraining data to the DSD (out of 140).
1193 00:03:43 - 17-8-1 - Removed 1774 rows while constraining data to the DSD (out of 1774).
1194 00:03:43 - 5-3-2 - Removed 822 rows while constraining data to the DSD (out of 822).
1195 00:03:43 - 6-4-2 - Removed 10 rows while constraining data to the DSD (out of 10).
1196 00:03:43 - archived-13-3-2 - Removed 0 rows while constraining data to the DSD (out of 1).
1197 00:03:43 - archived-17-17-1 - Removed 0 rows while constraining data to the DSD (out of 1).
1198 00:03:43 - archived-17-5-1 - Removed 0 rows while constraining data to the DSD (out of 1).
1199 00:03:43 - 5-5-2 - Removed 122 rows while constraining data to the DSD (out of 122).
```

Contact Details

UK Platform Link: <https://sdgdata.gov.uk/>

Open SDG: <https://open-sdg.org/>

If you want to learn more about our implementation of SDMX, get in touch with:

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- UK SDG team: SustainableDevelopment@ons.gov.uk
- Open SDG team: opensdg@googlegroups.com