



Preparation for SDMX implementation in UK

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Open SDG

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

open-sdg.org

 OpenSDG

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Open SDG

An open source, free-to-reuse platform for managing and publishing data and statistics related to the [UN Sustainable Development Goals](#) (SDGs).

[Get started](#)

Open source and free

Built only with open-source libraries and tools. Hosted and maintained using free services.

[Get started](#)

Latest release

What's included in the latest release? Check out the list of updates.

[Latest release](#)

Feature rich

Flexible and customisable with a variety of optional features.

[Learn more](#)

Who's using it?

Which countries and localities are currently using the Open SDG platform?

[Our users](#)

Questions?

Answers to frequently asked questions about the Open SDG platform

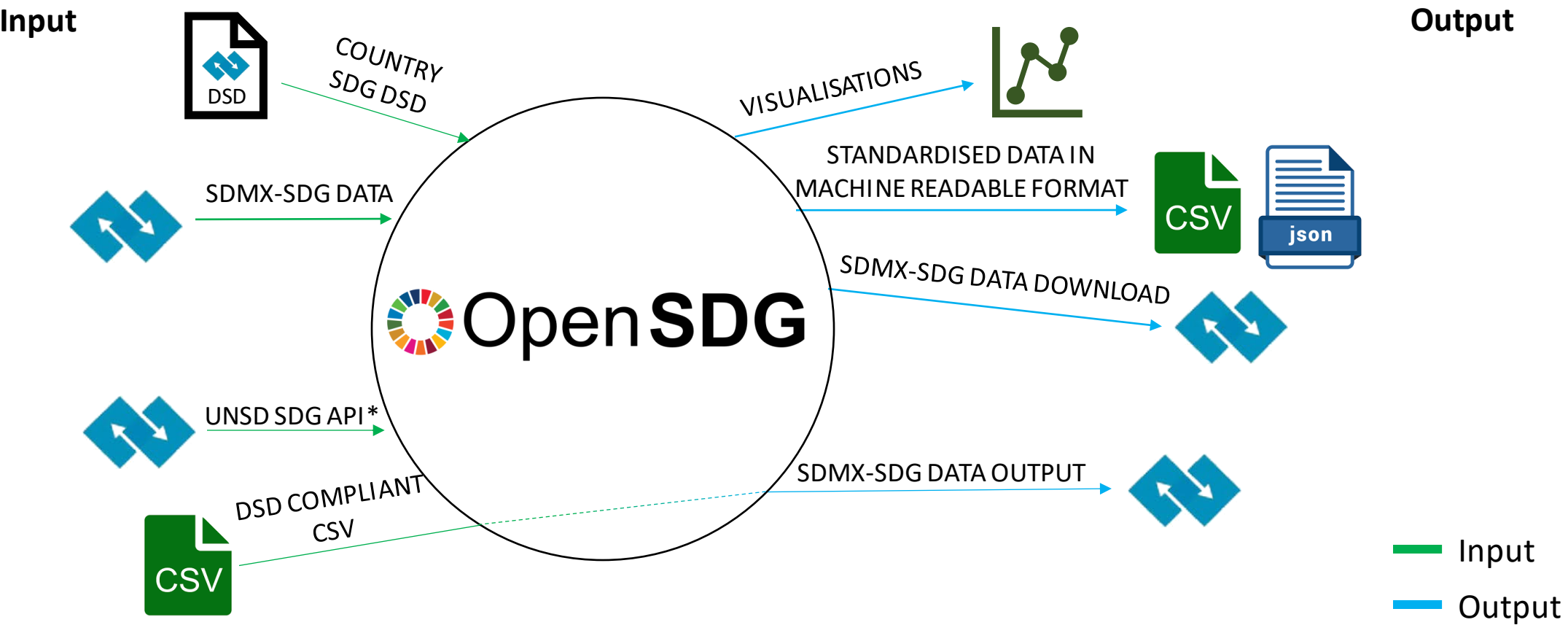
[Frequently asked questions](#)

Support

Need help? Please get in touch with the support team.

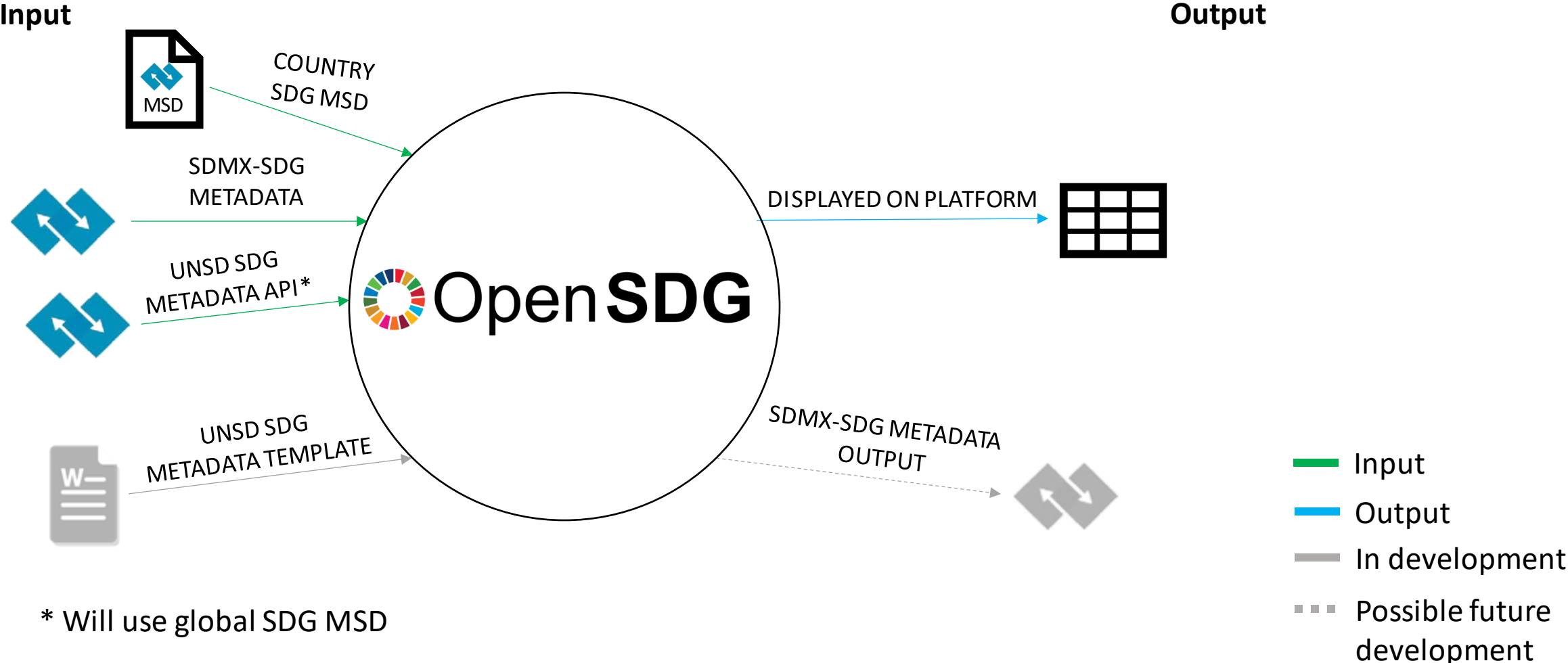
[Contact us](#)

SDMX data input/output features



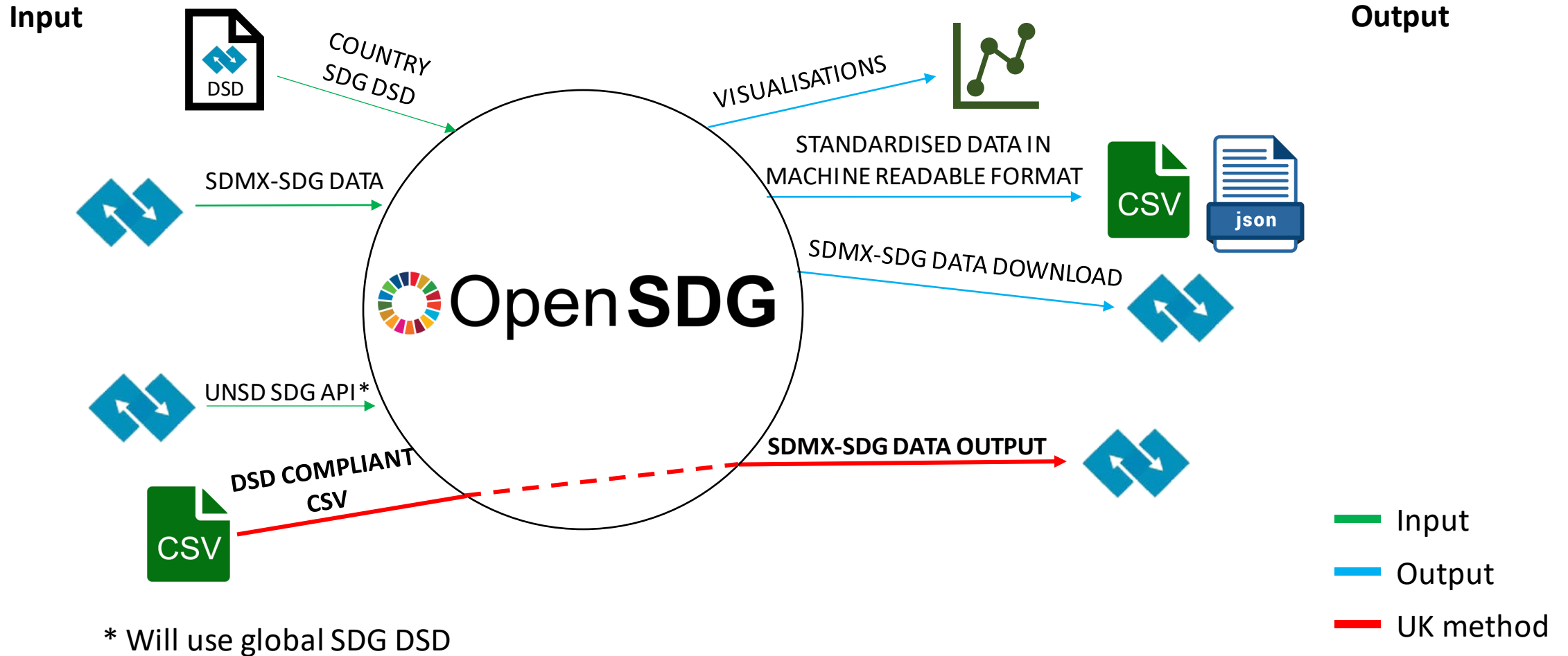
* Will use global SDG DSD

SDMX metadata input/output features



* Will use global SDG MSD

UK experience

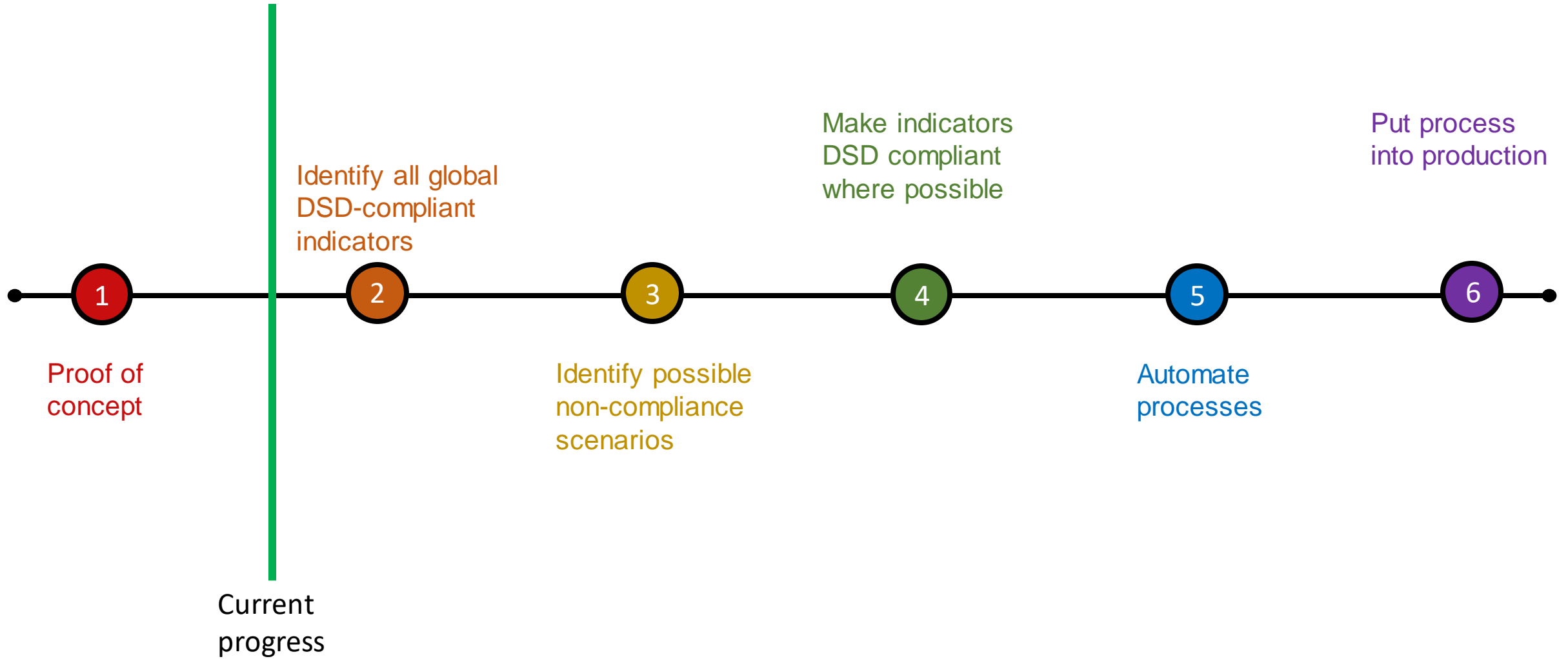


Background

What we've done so far:

- Added missing columns for required attributes:
 - observation status
 - unit measure
 - unit multiplier
- Standardisation of terms across data sets
- Access to SDG Lab
- Recently joined SDMX-SDG Working Group
- Focussing on SDMX reporting of global indicators in first instance

Plan



Proof of concept

1. Identify 5 basic indicators which are easy to map to SDG global DSD
2. Create basic mapping file
3. Create Open SDG sandpit with SDMX output
4. Upload 5 indicator files and mapping file
5. Download outputted SDMX files
6. Validate using [SDMX Converter Web App](#)
7. Fix validation errors
8. Upload files to SDG Lab

Identify all DSD-compliant indicators and non-compliance scenarios

1. Extend mapping using disaggregation report (considering national metadata)
2. Upload extended mapping and all UK non-proxy SDG data files to sandpit
3. Validate outputted SDMX files using SDMX Converter Web App
4. Mark indicators that pass validation as DSD-compliant provisionally
5. Identify non-compliance scenarios using indicators that didn't pass validation

Make indicators compliant where possible

Possible non-compliance scenarios and possible fixes:

Mapping/SDMX errors

- Fix errors e.g. typos, standardisation

Extra disaggregations or breakdowns

- Remove completely
OR
- Remove for SDMX output

Proxy indicators

- Look into why proxy is being reported
- Explore what other data maybe available for reporting instead of /as well as proxy data

Automate processes

2 processes to automate:



Lessons learnt

- Standard terms should be used in datasets as early as possible as can be complicated and time consuming if done later
- Need to be careful when mapping data to DSD as same definition may not apply to same term
- Even though disaggregations are available for a dataset, sometimes they are not relevant in a global context and can lead to non-compliance
- It is not possible to have sub-regional data in one SDMX series for global reporting – data will need to be reported separately for each UK country