

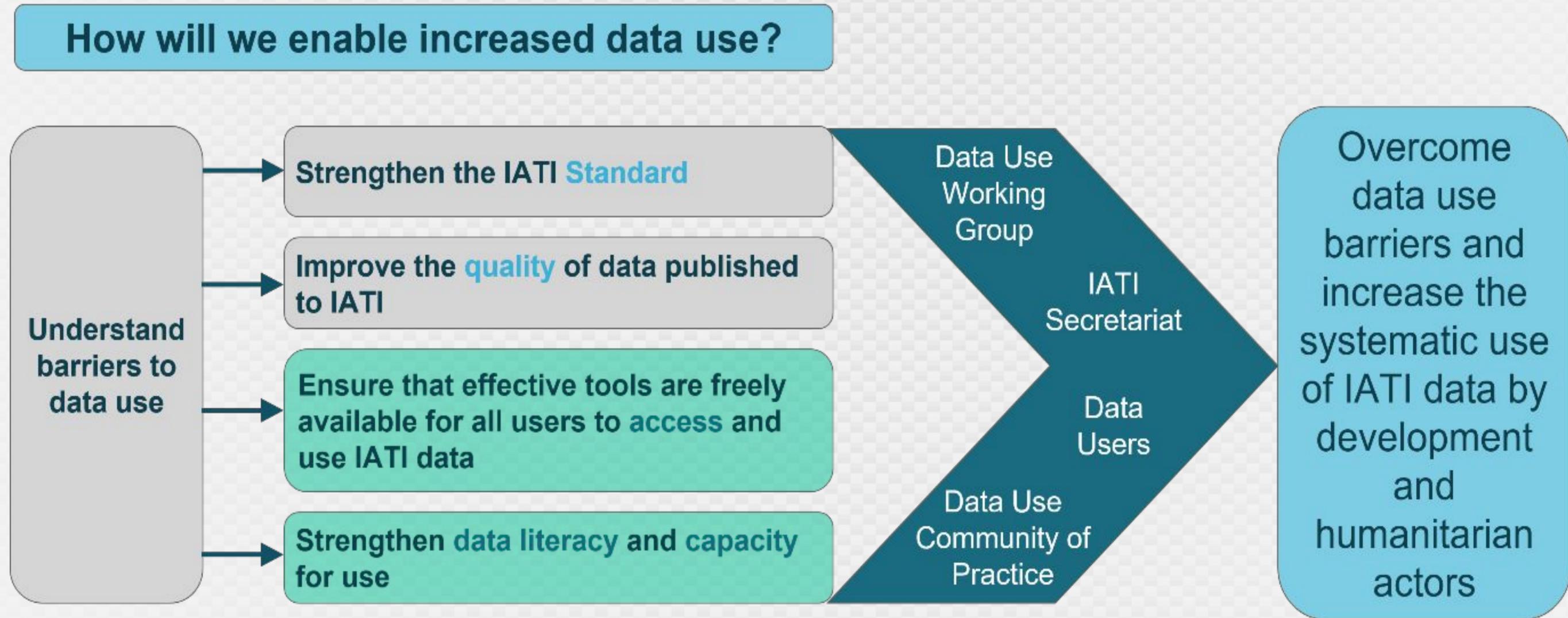
Demo of **new features** on IATI's **Country Development Finance Data (CDFD)** tool





- 01** Context, History, Engagement, and Learning
- 02** Overview of the New Features
- 03** Demo of the New Features
- 04** Answering Example Questions
- 05** Answering Your Questions

IATI Strategic Plan: Progress on Enabling Data Use (Objective 3)



What is the history of CDFD and what have we learned?

Goal: Enable increased data use

Access

Analysis

Use

History

- Developed to meet the needs of partner country governments for a standard set of essential data that can be easily accessed and analyzed
- Learning from development and use of the tool to inform the development of the improved data portal and IATI's data quality work
- Initial version of the tool launched in March 2021 and offered Excel-formatted datasets on projections and spending by country/region
- Guidance and Analysis Dashboards launched in July 2021
- How-To Videos launched in August 2022

Engagement and Use

Engagement

- Conducted dozens of 1:1 trainings and support calls with data users
- Conducted training during 3 workshops in Kigali, Abuja, and Bangkok of 58 government representatives from 49 countries, 75 civil society representatives, 25 development partner representatives
- 5000 users from 158 countries

Use (some examples)

- Governments using the data to prepare development cooperation reports, inform national budgets, monitor development spending, and enable dialogue (e.g. Chad, Sierra Leone, Guinée, Lesotho)
- Researchers using it to conduct analysis (e.g. PWYF), often in combination with IATI's other data access tools
- Civil society orgs and development partners (e.g. UN agencies) using it to conduct external development finance landscape analysis

What is the history of CDFD and what have we learned?

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What did we learn?

- Data users need a processed subset of IATI data to enable them to more easily understand, analyze, and use the data
- The data available in CDFD largely meets the needs of many data users from a range of stakeholder groups
- Guidance is essential to enabling data users to understand the tool and the data
- Availability of the tool, data, and guidance in multiple languages increases access to the data for non-English speakers and thereby the use of IATI data
- Data quality issues that inhibit data use are more easily identified in a processed set of data and when more data users are using that data

What did data users share was still needed?

- **Visualizations:** Analysis Dashboards were helpful to quickly understand what you could do with the data but users needed a way to more easily visualize the data and customize those visualizations
- **Customized Spreadsheets:** While governments often only needed to download one spreadsheet, other data users had to download and combine multiple spreadsheets to conduct analysis across countries, etc. Users also asked to be able to more easily conduct activity level analysis.
- **Additional data fields:** Some additional information was needed by data users – e.g. activity descriptions, location data.
- **Groups of publishers:** One challenge in using IATI data is that some organizations (e.g. USG, EC) publish data under multiple publishers. Users asked for an easier way to identify these groups of publishers.

What are the new features?

Goal: Enable increased data use

Access

Analysis

Use

Data Dashboards

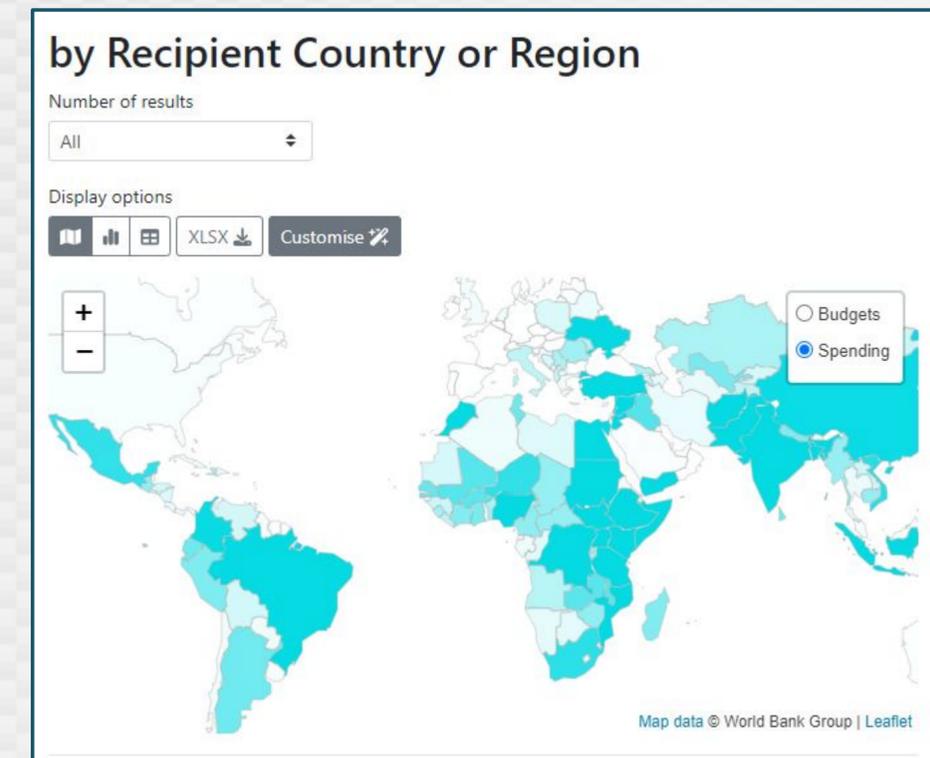
- [Summary dashboard](#)
- Dashboards by [Country/Region](#), [Reporting Organization](#), and [Sector](#)
- Visualize the data in maps, charts, and tables
- Customize the view using a range of filters
- Download underlying data for each visualization

Custom Data Download

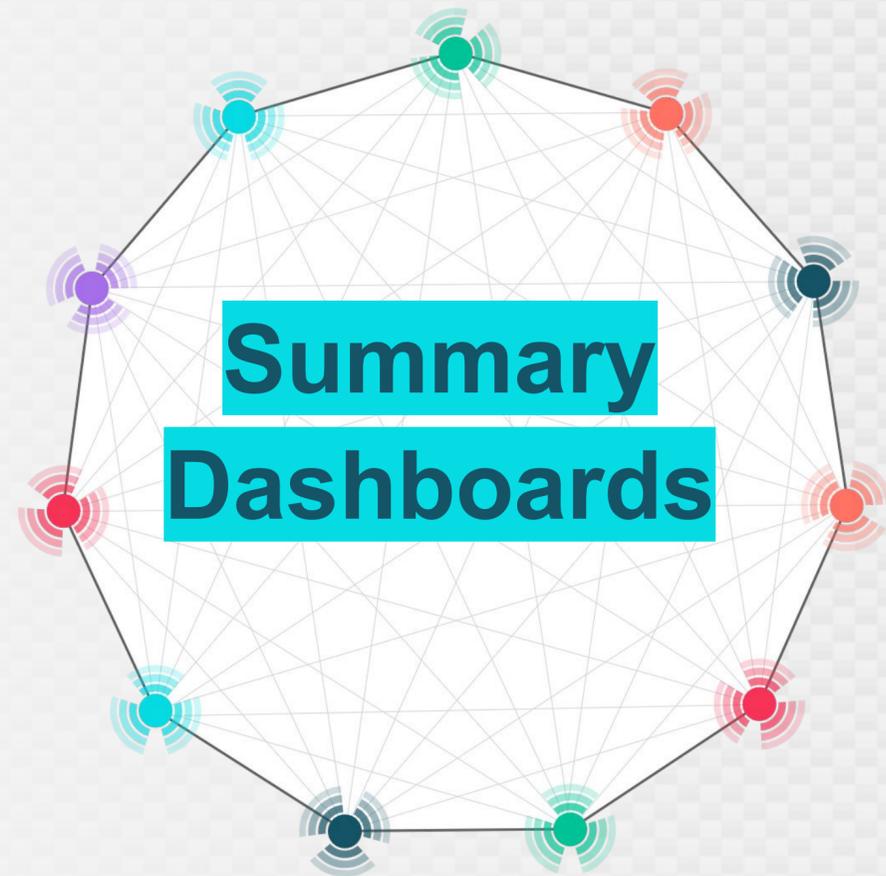
- View and download custom spreadsheets of data
- Select the columns to be included in your spreadsheet and filter it by a range of filters

Useful Functionality

- Interactive and customizable map
- Links to activity pages on d-portal
- Reporting Organisation Groups now available
- Persistent URLs enable easy sharing of customised Dashboards and Custom Data Download queries
- Descriptions are now available via the Custom Data Download
- Available in French, Spanish, and Portuguese



Demo of the new features



What questions can you explore with the new features?

Data Dashboards examples	Custom Data Download examples
The countries and sectors in which UN agencies spent money in 2022 here .	UN activities and spending for 2022 here .
How humanitarian funding was allocated in 2022 by country, organization, and sector here .	Activities with budgets or spending for the 2021/22 Cameroon fiscal year (July-June) here .
Spending in 2021 and 2022 by the European Commission in the Democratic Republic of the Congo here .	All published Oxfam Novib activities with spending in 2022 here .
Budgets (projected spending) in the Education sector for 2023 here .	Spending by Global Affairs Canada by activity from 2019 - 2023 here .
How the Bill and Melinda Gates Foundation allocated its 2022 funding by country, sector, region, finance type, etc., here .	Allocation of spending in the Health sector from 2019-2022 here .

Exploring YOUR questions

What questions do you have about CDFD or its new features?

What questions do you want to explore with the data?

What would make this tool more useful?

Accessing IATI data using Datastore Search and the Datastore API

Finding the data you need to do your own analysis

Alex Miller

15.03.2023

What is the IATI Datastore?

Who is the Datastore Search for?

IATI Standard Expertise

Technical Expertise

	High standard expertise	Medium standard expertise	Low standard expertise
Higher technical expertise	<ul style="list-style-type: none"> IATI Registry (raw XML) 	<ul style="list-style-type: none"> IATI Datastore API 	
Lower technical expertise	<ul style="list-style-type: none"> Datastore Search (Advanced search) 	<ul style="list-style-type: none"> d-Portal Datastore Search (Simple search) 	<ul style="list-style-type: none"> Country Development Finance Data tool

What can Datastore Search do?



**Simple and
Advanced search
query builder**



**Activity results
display with links
to d-Portal**



**Multi-format export
in XML / JSON /
CSV**

What can the IATI Datastore API do?

Try it ▶

Query

Query the IATI Datastore.

The API capabilities are adapted from the Solr 8.10 API documentation and abbreviated to form a summary - for more detailed documentation on any of the parameters supported by the IATI Standard Query Parser please refer to the Solr 8.10 API documentation

GitHub:

IATI/refresher

IATI/datastore-solr-configs

datastore

GET

query

Request

```
GET https://api.iatistandard.org/datastore/{collection}/{responsetype}[?q][&q.op][&df][&sow][&sort][&start][&rows][&fq][&fl][&timeAllowed][&wt][&group][&group.field][&facet][&facet.field][&facet.prefix][&facet.contains][&facet.contains.ignoreCase][&facet.matches][&facet.sort][&facet.limit][&facet.offset][&facet.mincount][&facet.missing][&facet.method][&facet.exists][&facet.excludeTerms][&facet.range][&facet.range.start][&facet.range.end][&facet.range.gap][&facet.range.other][&facet.pivot][&facet.pivot.mincount][&csv.encapsulator][&csv.escape][&csv.separator][&csv.header][&csv.newline][&csv.null][&csv.mv.encapsulator][&csv.mv.escape][&csv.mv.separator][&sfield][&pt][&d]
```

Demonstration / Q&A

<https://github.com/akmiller01/iati-ce-datastore-demo>

What's next?

ADD RULE ADD GROUP

Humanitarian TRUE FALSE

AND OR

ADD RULE ADD GROUP

Recipient Country Code == != AF - Afghanistan

AND OR

Transaction Recipient Country Code == != UG - Uganda

AND OR

Transaction Transaction Date Iso Date < = > 2020-01-01

Publisher: **Office for Government Policy Coordination** IATI Identifier: **KR-GOV-090-1543000_2019_037** Actual Start: **31/12/2020** Planned End: **30/12/2022**

[Humanitarian Food Assistance program](#)

Humanitarian Food Assistance program

Publisher: **International Rescue Committee Inc.** IATI Identifier: **US-EIN-13-5660870-DFC10** Actual Start: **30/09/2021** Planned End: **29/09/2028**

[What Works to Prevent Violence: Impact at Scale](#)

This global programme aims to accelerate progress towards the elimination of violence against women and girls (VAWG) through supporting ...

Publisher: **Elrha** IATI Identifier: **GB-CHC-1177110-HIF** Actual Start: **31/12/2018** Planned End: **30/03/2023**

[Humanitarian Innovation Fund 2019-2023](#)

The HIF is a globally-recognised programme leading on the development and testing of innovation in the humanitarian system.

Publisher: **Elrha** IATI Identifier: **GB-CHC-1177110-R2HC** Actual Start: **17/05/2020** Planned End: **30/03/2025**