Overview of the Datastore
IATI Datastore

The IATI Datastore provides data on development and humanitarian spending and projects that address poverty and crises across the world.

Find data published by organisations from governments, development finance institutions and UN agencies to NGOs, foundations and the private sector. They have published data according to the IATI Standard, our set of rules and guidance for sharing useful, open data.

Access data through using the Datastore's API or Query Builder.

About Datastore

The IATI Datastore holds data files published on development and humanitarian activities according to version 2 of the IATI Standard. The Datastore is primarily aimed at data literate users who want to query the content of IATI Activity and Organisation data files in a single place.

Query Builder

Use the Query Builder to easily search IATI data based on selected filters and have it returned in spreadsheet (CSV or XLS), JSON and XML formats.

Documentation

For guidance on how to form API queries and the available endpoints and filters please see the OPs technical documentation.

To see the open source code for the IATI Datastore please see...
Datastore: access to all IATI data

- Access to all IATI data available from the Registry
- API endpoints as data doors to all IATI data available
- Access to both activity and organisation data
- IATI data offered in JSON, XML, CSV and XLS formats
- Access to original unmodified XML data
- Query Builder: DIY data extraction for re-use
- Well documented
Datastore
API
Datastore API

• Access all IATI data using (data) endpoints:
  ○ Activity lists, detail and transactions
  ○ Dataset list
  ○ Budget lists
  ○ Locations lists
  ○ Organisation lists
  ○ Transactions lists
Datastore
Query Builder
Query builder

This tool allows you to build custom queries to obtain data from the IATI Dataset in CSV, XML, and JSON format. You create queries based on finding the organizations, and then be configured filters the returned dataset to what you need and elements you want to include in your export. You find an example data table result of query and you download link in the bottom section.

Core Filters | Additional Filters | Output Format | Results
---|---|---|---
Reporting Organisation | | | 
All organisations | | | 
Eq. AF-T2 - Ministry of Interior | | | 
Security Publisher?
| | | 
All organisation types | | | 
Code IATI
Sector Category
All categories | | | 
DAC 4 digit
Recipient Country
All countries | | | 
Recipient Region
All regions | | | 
National activity periods | Activity period start date | Activity period end date
No | 01/01/2001 | 01/01/2001
Datastore Query Builder

• Access all IATI data using a DIY webtool
  ○ 3 easy steps for data extraction
  ○ download your results in JSON, XML, CSV or XLS
Datastore Documentation
currently docs @
https://docs.oipa.nl/
Datastore launch plan: a 3-phased approach
Phase 1: public testing of API and Query Builder

• Until October 14th the Datastore is in a testing phase, for the first month API only and for the second month the query builder
• We encourage our community to use the tool, test it and feed back to us
• We advise *against* any migration to the new tool and its use in production
Phase 2: real life use and customer support

• *Phase 2* starts and lasts until the end of the original Datastore’s life cycle, at least 5 months

• *Temporary* redirects will be put in place to facilitate the upgrade without disruptions

• Customer support, upgrade guide, API call examples will be provided by the Tech Team during these transition months

• Redirects will be temporary until *Phase 3* begins
Phase 3: end of original Datastore support

- Redirects will be removed
- Original Datastore will be dismissed
- Full use of the new Datastore
Overview of the IATI Validator
New validation added

IATI Technical
Valid XML: schema compliance

IATI Documentation
Guidelines and requirements: captured in a ruleset
IATI Validator

The IATI Validator is an online tool for checking if data comply with the rules and guidance of IATI Standard. It allows users to check and improve the quality of IATI data to ensure it is accessible and useful to anyone working with data on development and humanitarian resources and results.

Validate your IATI file
Check your IATI file.
- Upload your IATI file.
- Get feedback on the validation of your data.
- Ready.

Validate file

Public data viewer
See validation feedback on published IATI files.
- Find an organisation.
- See the IATI files published by the organisation.
- Get validation results of an IATI file.

Browse public IATI data

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Organisations

Organisation name
SEARCH

Found 1045 organisations.

Aspasi Sahayog Kendra Syangja Nepal (ASK Nepal)
Asasman Nepal
ABAAD - Resource Center for Gender Equality
Abaseen Foundation UK
AbleChildAfrica
Aot Associates Inc
Académie de recherche et d'enseignement supérieur
Academy for Health Development (AHEAD)
Acclerator Nepal
Access to Medicine Foundation
Access to Seeds Foundation
Accountability Lab
Acid Survivors Foundation
ACODEV
Across
actAfrica
ACTED
ACTION AGAINST HUNGER SPAIN
Action Against Hunger UK
Action Against Hunger USA
ActionAid Denmark (Mellemfokkelgt Samvirke)
ActionAid International
ACTIONAID INTERNATIONAL KENYA
ActionAid Rwanda
ActionAid UK
Acumen
Adam Smith International
Adaptation Fund
European Commission - Directorate-General for International Cooperation and Development

Description
The European Commission's Directorate-General for International Cooperation and Development (DG DEVCO) designs European international cooperation and development policy and delivers aid throughout the world.

## Published IATI data

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<thead>
<tr>
<th>File name</th>
<th>Last downloaded</th>
<th>Report available</th>
</tr>
</thead>
<tbody>
<tr>
<td>ec-devco-189.xml</td>
<td>2019-07-29 11:49 GMT+2</td>
<td>Data Quality Report (click to view)</td>
</tr>
<tr>
<td>ec-devco-289.xml</td>
<td>2019-07-29 11:50 GMT+2</td>
<td>Data Quality Report (click to view)</td>
</tr>
<tr>
<td>ec-devco-298.xml</td>
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<td>Data Quality Report (click to view)</td>
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<td>Data Quality Report (click to view)</td>
</tr>
<tr>
<td>ec-devco-679.xml</td>
<td>2019-07-29 11:50 GMT+2</td>
<td>Data Quality Report (click to view)</td>
</tr>
</tbody>
</table>
IATI Validator

European Commission - Directorate-General for International Cooperation and Development - ec-devco-189.xml
Rules version: 0.12.8 IATI version: 2.02 IType: iati-activities

Feedback

Activity file feedback

IATI file
The file is not a valid IATI file. The raw feedback from schema validation:
(0,3,1)

Feedback per activity

MED/2006/018-282-SAFEMED II

Participating organisations
The identifier must not contain any of the symbols @, &, | or ?. (I.8.13)
- In participating-org NA (role 4)

Geopolitical information
The recipient country code is invalid. (9.50.1)
Percentages are missing for one or more recipient countries or regions. (3.4.1)
### Activity file feedback

**IATI file**

The file is not a valid IATI file. The raw feedback from schema validation:

(0.31)

### Feedback per activity

**MED/2006/018-262-SAFEMED II**

**Participating organisations**

- The identifier must not contain any of the symbols $, &, | or ?.
  - (1.8.13)
  - In participating-org N/A (role 4)

**Geopolitical information**

- The recipient country code is invalid. (0.50.1)

- Percentages are missing for one or more recipient countries or regions. (3.4.1)
MED/2006/018-262-SAFEMED II

Reported by European Commission - Directorate-General for International Cooperation and Development

PROJECT TITLE

PLANNED START DATE 2014-05-05
ACTUAL START DATE 2008-12-31
ACTUAL END DATE 2011-12-30

WHO'S INVOLVED? (4)

PUBLIC SECTOR INSTITUTIONS
European Commission - Directorate-General for International Cooperation and Development (DEVCO)

PUBLIC SECTOR INSTITUTIONS
European Commission - Directorate-General for International Cooperation and Development (DEVCO)
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USEFUL LINKS
Contact
Privacy policy

POWERED BY
the IATI Datworkbench by
Data4Development
Validate your IATI files

Upload your IATI file and receive feedback on the quality of the file.

Step 1. Select your IATI file.
Browse... 148.xml

Step 2. Upload your IATI file.
File: 148.xml
UPLOAD FILE

Step 3. Start validation.
START VALIDATION
## Results validation IATI file

Bookmark this page to return to your results.

Your personal url is: https://validator.iatistandard.org/validate/ad55b30c-afca-4bf8-9930-809149d535cc

<table>
<thead>
<tr>
<th>File name</th>
<th>Uploaded</th>
<th>Report status</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.xml</td>
<td>2019-09-05 17:18 (GMT+2)</td>
<td>File uploaded</td>
</tr>
</tbody>
</table>
Validator launch plan: a 3-phased approach
Phase 1: public testing the validator

• For the first month the validator will be launched in a testing phase
• Webinar led by the tech team showing people how the validator works
• We encourage our community to use the tool, test it and feed back to us
• At this stage there will still be some features (like bulk uploads) that are not yet available
Phase 2: real life use and customer support

• Addressing feedback and fixing issues that have been reported in Phase 1
• Second webinar from the tech team demonstrating the tool and informing people of how to use the validator to improve their data
• There will be updates made to publisher guidance
• IATI Tech Team will be available to support publishers as required
• Old IATI validator is deprecated
Phase 3: validator is integrated with datastore and additional features added

• Validator will be integrated with the datastore to offer its Schema and Ruleset validation engine
• Datastore’s output datasets can then have validation results associated with them and users will be able to filter through them
• Validator will have a bulk upload feature where a user can request to be emailed once it has finished validating all files
Q & A
Datastore query builder demo
Thank you!