

The Foundation Center

The screenshot shows the Foundation Center website homepage. At the top, there is a navigation bar with links: Register, Log In, Search, Site Map, Ask Us, About Us, Locations, Newsletters, Press Room, and PND. Below this is a secondary navigation bar with links: Get Started, Find Funders, Gain Knowledge, View Events, Shop, and a ShareThis button. The main content area features a large banner for 'What Works?' with a photo of volunteers and text: 'Measure the impact of your organization. TRASI - Tools and Resources for Assessing Social Impact. Visit TRASI'. To the right of the banner is a sidebar with a 'FDO PROFESSIONAL' section, a 'WELCOME' section, and a 'REGISTER! It's free!' button. Below the banner is a horizontal menu with tabs: GET STARTED, FIND FUNDERS, GAIN KNOWLEDGE, What's New, Headlines, and Events. The 'GET STARTED' tab is active, showing 'Free Fundraising Help Across the Country' with a map of the U.S. and a 'Find a location near you' button. The 'FIND FUNDERS' tab is also visible, showing a 'Foundation Finder' with search fields for Name, State, and ZIP Code, and a 'SEARCH' button. The 'GAIN KNOWLEDGE' tab is active, showing a 'Jumo, Philanthropy, and Social Enterprise' article with a photo of Brad Smith and a 'Read the blog' button. The 'Headlines' tab is also visible, showing 'News from PND' and 'Request for Proposals' sections. At the bottom of the page, there are social media icons for Twitter, Facebook, and YouTube.

Leading source of information about philanthropy worldwide

- Information on more than **104,000** global foundations, corporate donors, and grantmaking public charities
- Database of **4.6 million** grants

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The Foundation Center

Aim to enhance grantmaker and nonprofit effectiveness through shared information and understanding

- Research reports and advisories on giving trends
- Mapping tools
- Custom, issue-based portals
 - Economic crisis, U.S. education, funding after the Haiti earthquake



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It starts with Open Data...

In regard to U.S.-based philanthropy, our datasets originate from tax forms that foundations submit to the U.S. government.

The government, in turn, makes the completed forms available to the public.

Form 990-PF Department of the Treasury Internal Revenue Service	Return of Private Foundation or Section 4947(a)(1) Nonexempt Charitable Trust Treated as a Private Foundation <small>Note. The foundation may be able to use a copy of this return to satisfy state reporting requirements</small>	OMB No 1545-0052 2010
For calendar year 2010, or tax year beginning , 2010, and ending , 20		
G Check all that apply	<input type="checkbox"/> Initial return	<input type="checkbox"/> Initial return of a former public charity
	<input type="checkbox"/> Amended return	<input type="checkbox"/> Final return
	<input type="checkbox"/> Address change	<input type="checkbox"/> Name change
Name of foundation WALLACE GENETIC FOUNDATION, INC.		A Employer identification number 13-6162575

... but the data requires curation.

Data extraction

Occasionally requires optical character recognition (OCR)

Data coding

- Internal subject taxonomy includes 1,100 codes.
- Recipient type
- Population codes
- Location of recipients as well as location of projects

WASHINGTON

H Check type
☐ Section

I Fair market value
of year (16) ▶ \$

**Part I Annual total
major contribution**

SCANNED MAY 24 2011

Revenue	
1	Contributions
2	Check
3	Inter
4	Divid
5a	Gross
b	Net
6a	Net
b	Gross
7	Cap
8	Net
9	Inco
10a	Gross
b	Less
c	Gross
11	Other
12	Total

This curation might require ~60,000 hours of labor* each year.

The Foundation Center employs **over 120** people, around **30** of whom are exclusively dedicated to the gathering, cleaning, coding, entry, and analysis of data.



** this is a very rough estimate, based on a 2,000-hour work-year and assumes no fluctuation in job tasks and staffing levels*

Free vs. Fee

For a fee

- *Detailed* data from any/all of our databases.



For free

- *Aggregated or trend* data (by region or by general category)
- *Limited* data -- small, detailed datasets focusing on a single region or single category



Providing free, open data

Aggregated data

U.S. foundation assets **increased** across the board in 1997.



An API exists for this data.

Glasspockets.org/

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Providing free, open data

Aggregated data

U.S. foundation assets **decreased** across the board in 2008

Foundation Time Slider 1975-2008



An API exists for this data.

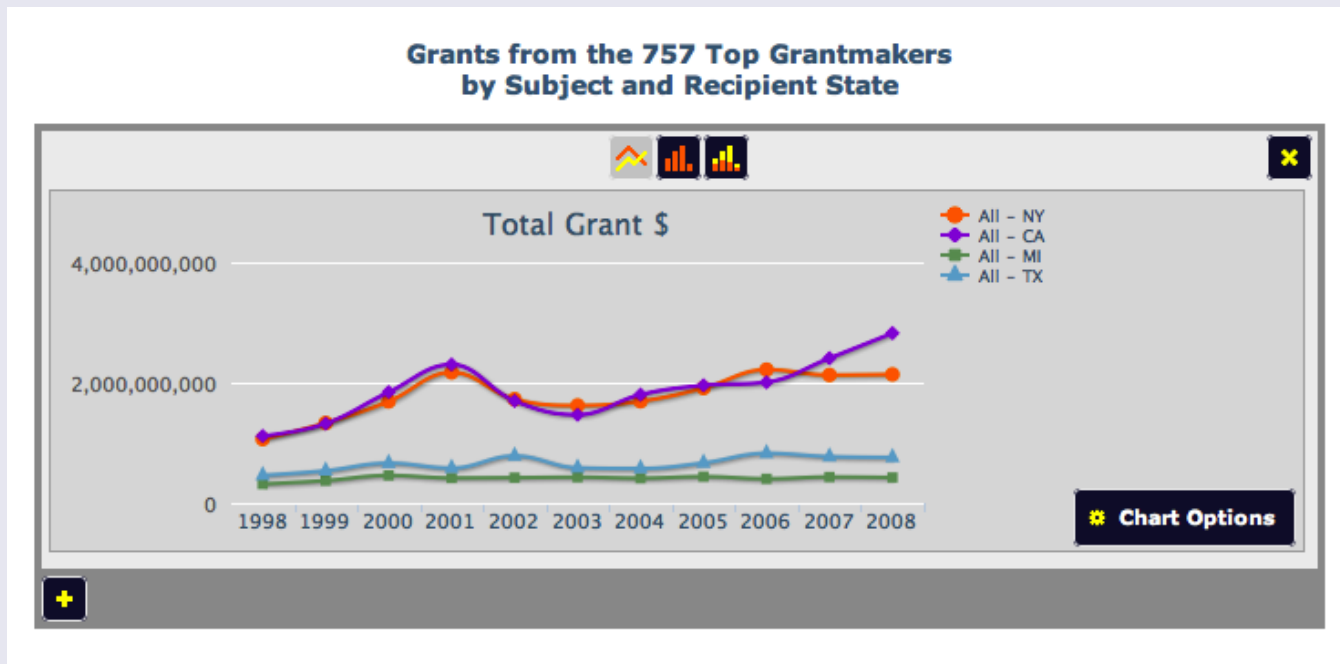
Glasspockets.org/

jkg@foundationcenter.org

Providing free, open data

Aggregated data

Comparing trends among grant recipients **per state**.



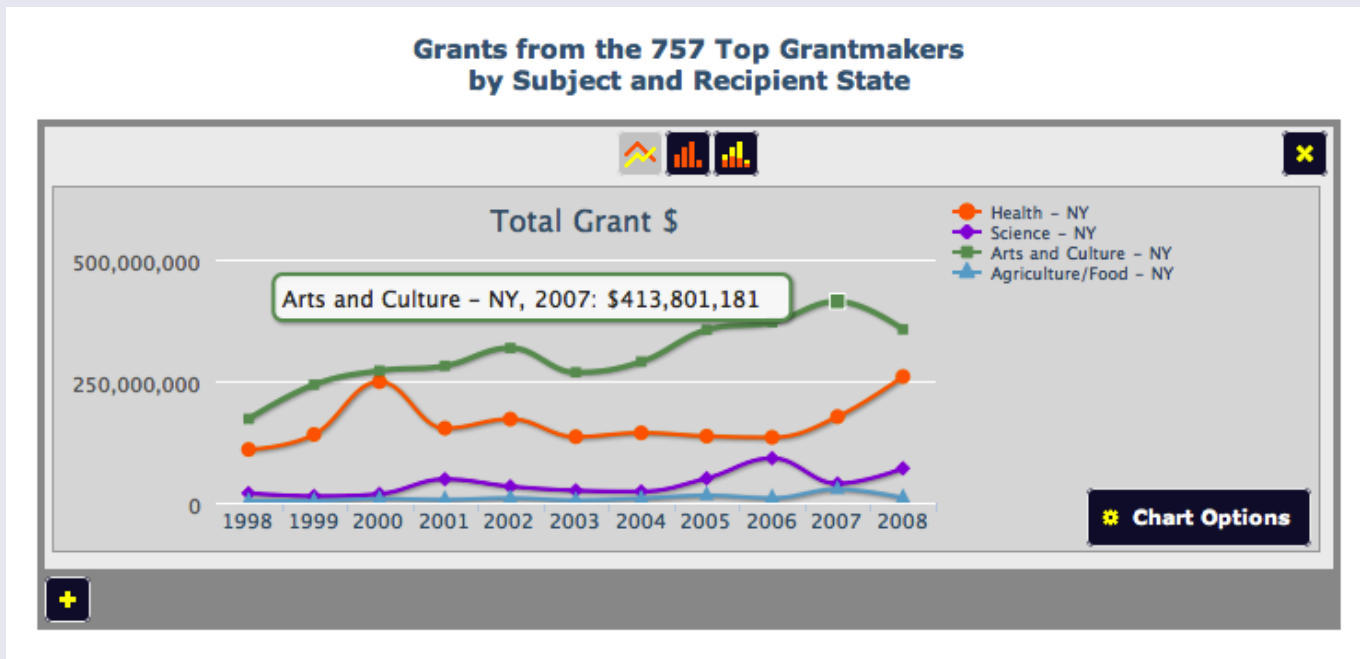
An API exists for this data.

jkg@foundationcenter.org

Providing free, open data

Aggregated data

Comparing trends among grant recipients **by subject**.



An API exists for this data.

jkg@foundationcenter.org

Providing free, open data

Specific regions/topics

Number of grants intended for projects in Haiti, 2005 to 2011

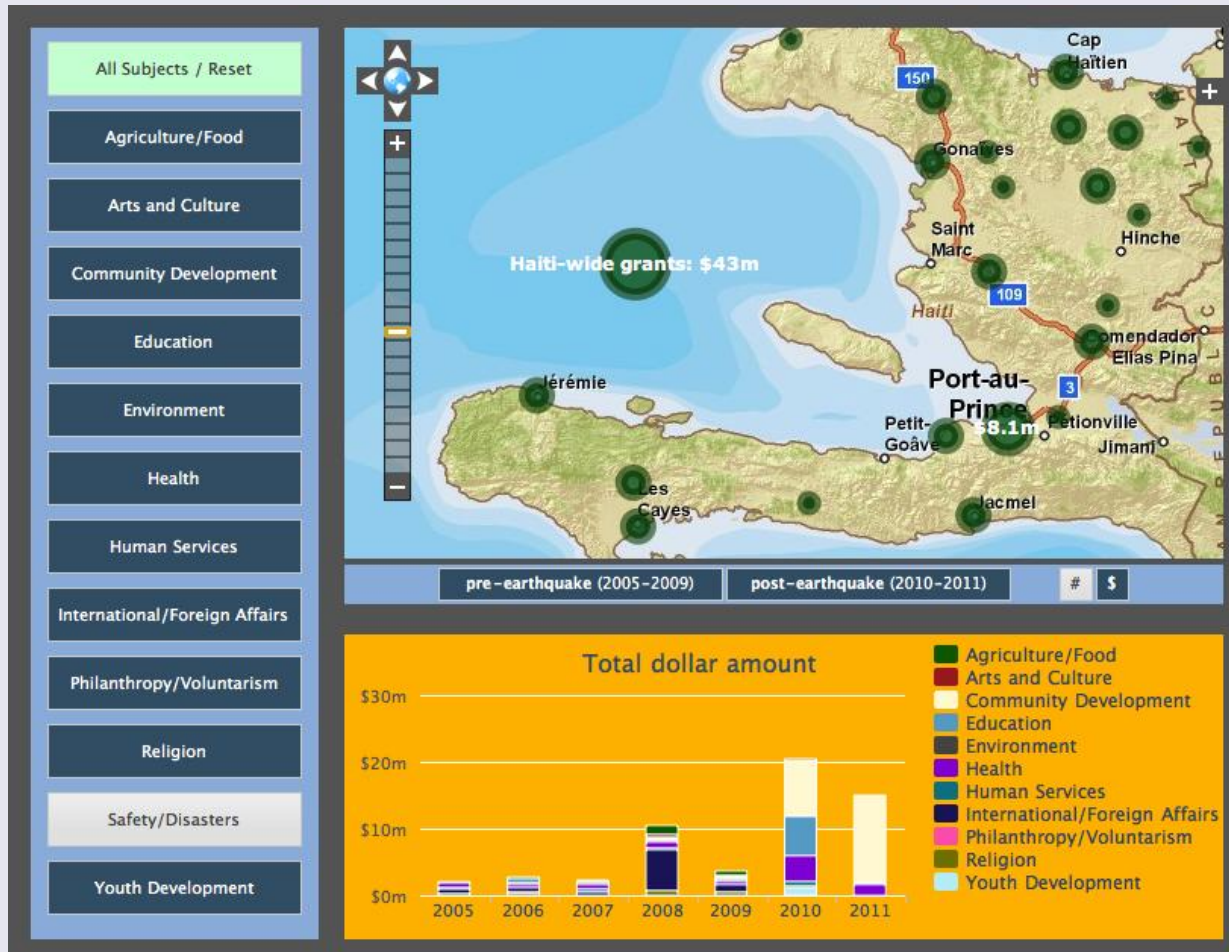


foundationcenter.org/haiti

An API exists for this data.

jkg@foundationcenter.org

Providing free, open data



Specific regions/topics:
Haiti, grant \$,
each subject

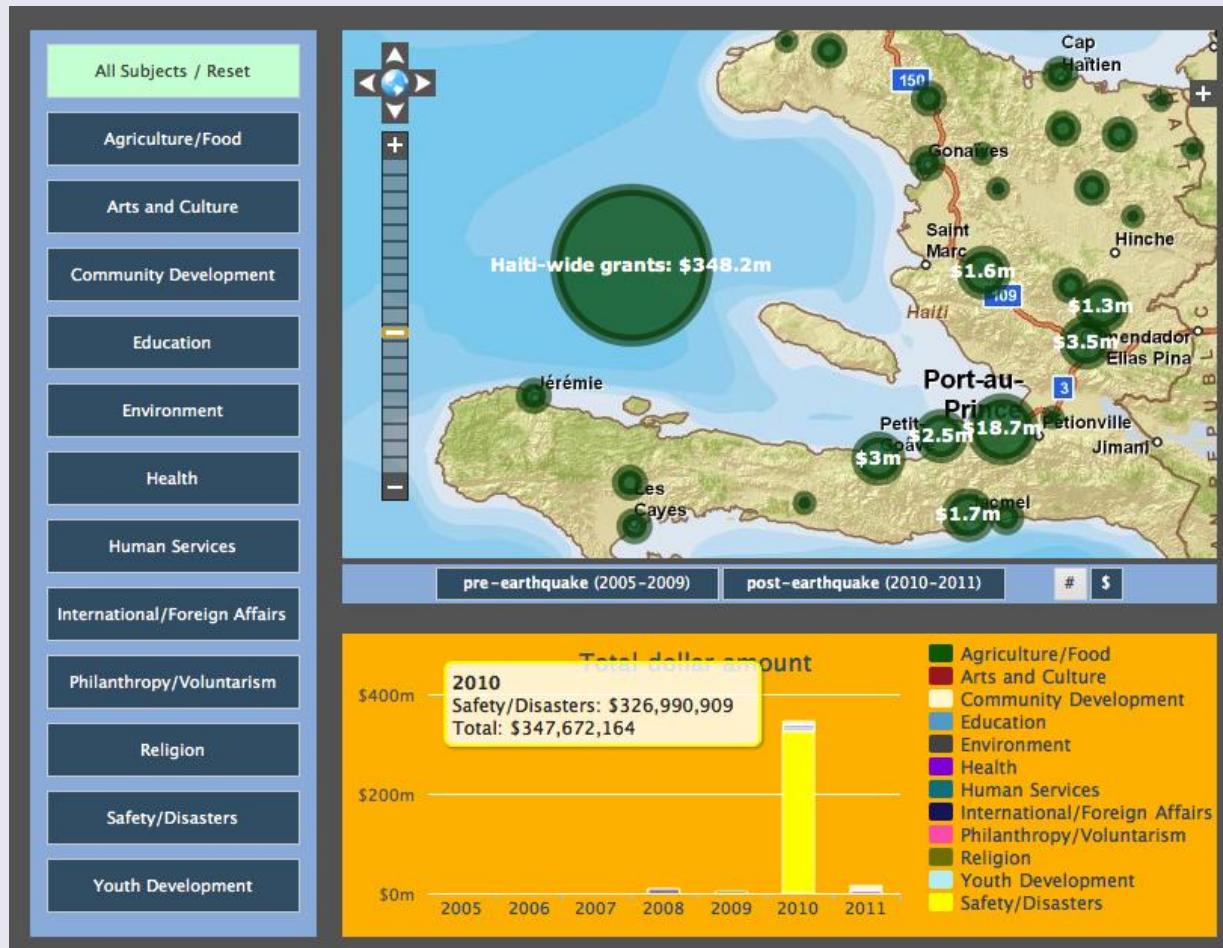
(not including funding
for Safety/Disasters)

foundationcenter.org/haiti

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Providing free, open data



Specific regions/topics:
Haiti, grant \$,
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foundationcenter.org/haiti

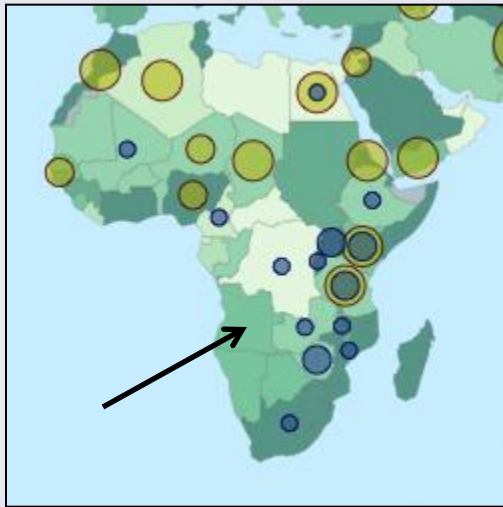
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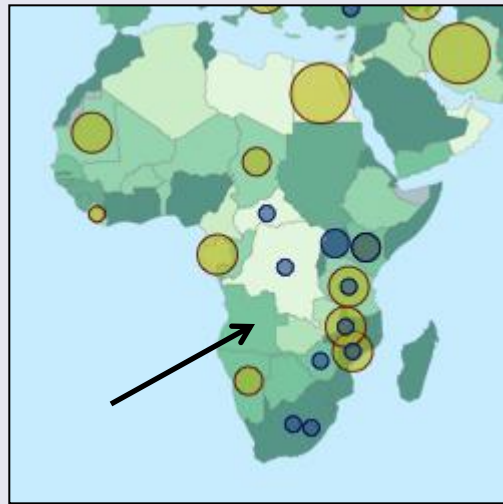
Combining open datasets

FC and World Bank data

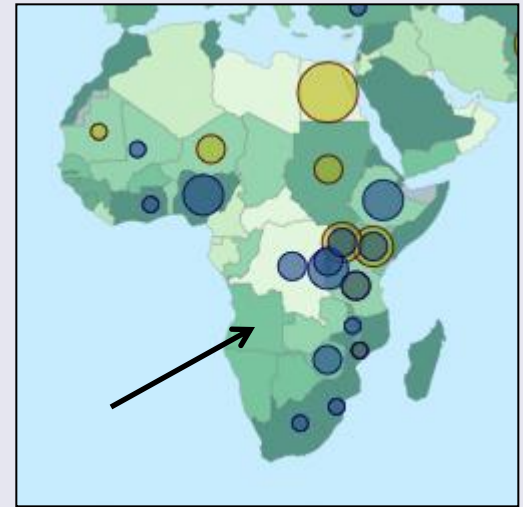
No Ag/Forestry project funding in Angola, 2001 to 2007



2003



2005



2007

This app uses the World Bank's data API.

<http://gis.foundationcenter.org/worldmap/index.php>

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Combining open datasets

FC, World Bank, and OECD data
Funding for water, sanitation, and hygiene worldwide

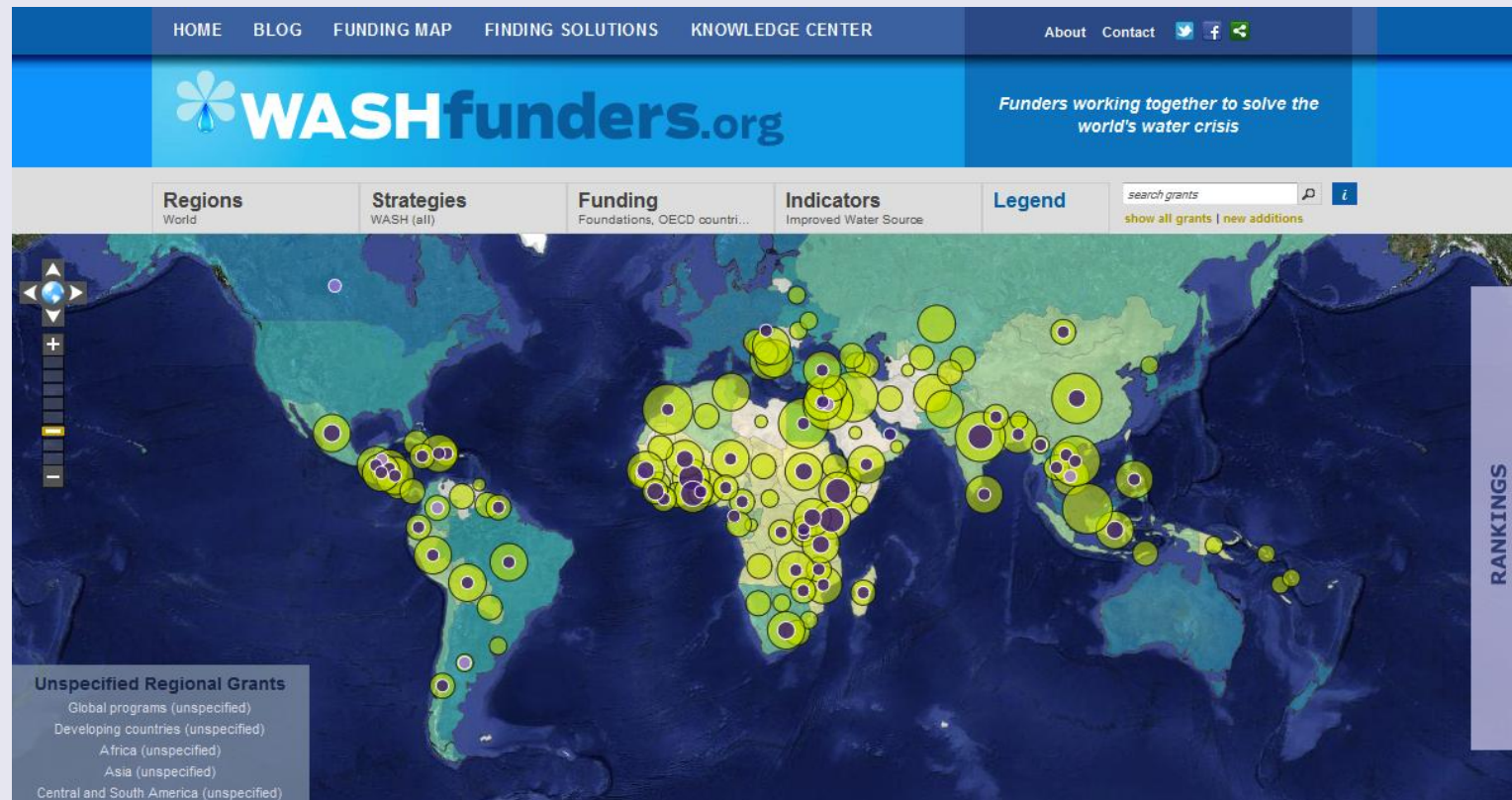


This app uses the World Bank's data API (referencing JMP's data).

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Combining open datasets

FC, World Bank, and OECD data
OECD funding for WASH projects



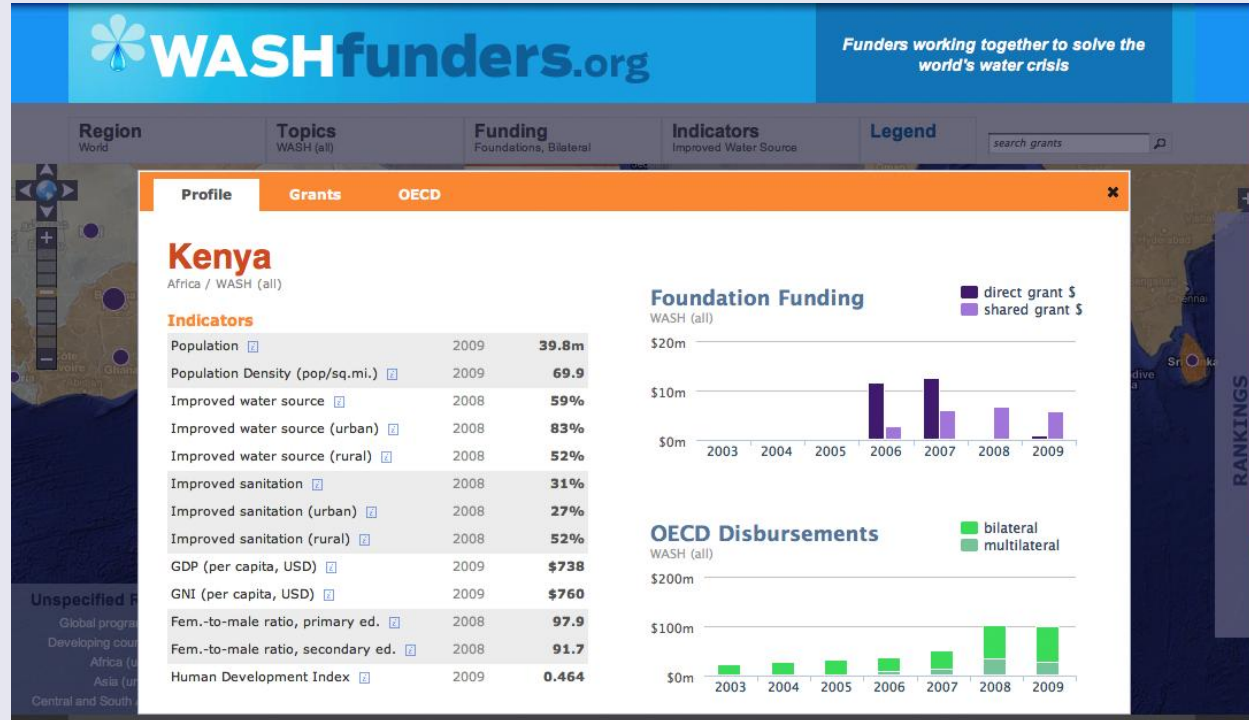
This includes OECD's data, which is open but is not available via API.

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Combining open datasets

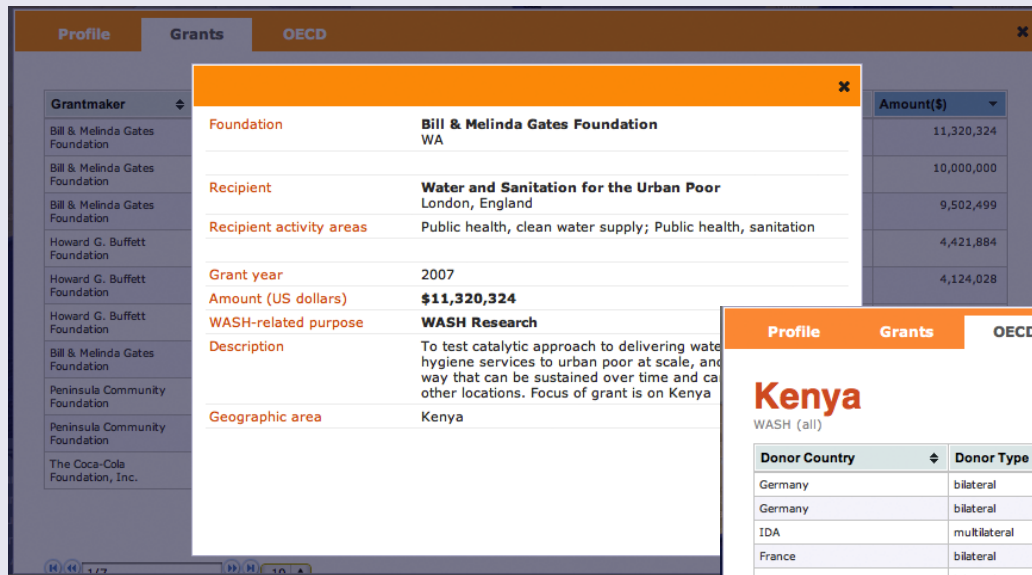
FC, World Bank, and OECD data

Viewing a country profile with multiple data sources: Kenya



This includes data from the World Bank's data API, as well as OECD's data, which is open but is not available via API.

Combining open datasets



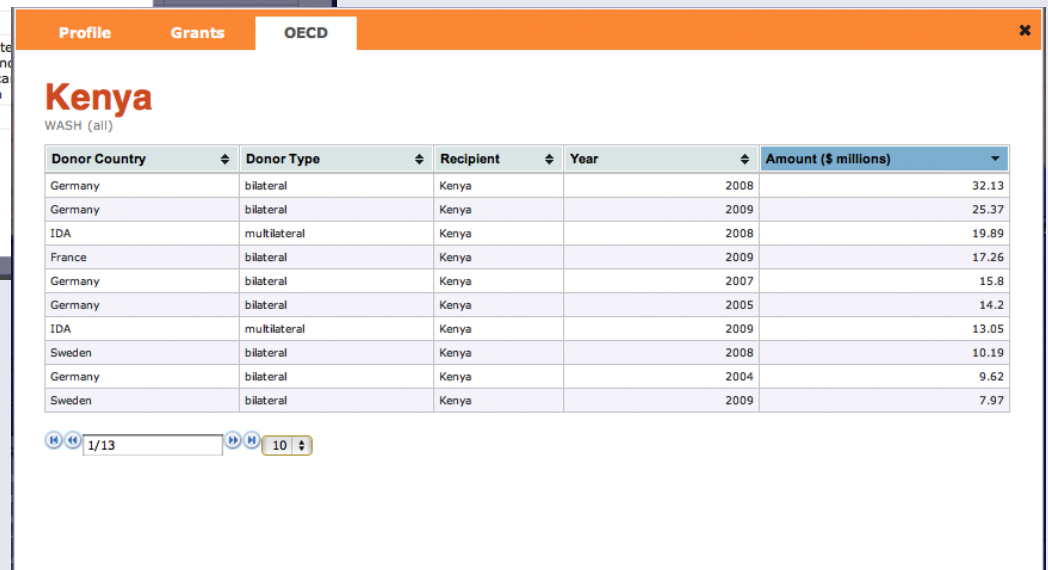
The screenshot shows a web interface with tabs for 'Profile', 'Grants', and 'OECD'. The 'Grants' tab is active, displaying a list of grantmakers on the left and a detailed view of a grant on the right. The grant details include:

Field	Value	Amount (\$)
Foundation	Bill & Melinda Gates Foundation WA	11,320,324
Recipient	Water and Sanitation for the Urban Poor London, England	10,000,000
Recipient activity areas	Public health, clean water supply; Public health, sanitation	9,502,499
Grant year	2007	4,421,884
Amount (US dollars)	\$11,320,324	4,124,028
WASH-related purpose	WASH Research	
Description	To test catalytic approach to delivering water hygiene services to urban poor at scale, and way that can be sustained over time and at other locations. Focus of grant is on Kenya	
Geographic area	Kenya	

Grant records

This includes OECD's data, which is open but is not available via API.

FC and OECD data
Viewing funding details:
Kenya



The screenshot shows a web interface with tabs for 'Profile', 'Grants', and 'OECD'. The 'OECD' tab is active, displaying a table of funding records for Kenya. The table is titled 'Kenya WASH (all)' and has columns for Donor Country, Donor Type, Recipient, Year, and Amount (\$ millions). The table contains 10 rows of data.

Donor Country	Donor Type	Recipient	Year	Amount (\$ millions)
Germany	bilateral	Kenya	2008	32.13
Germany	bilateral	Kenya	2009	25.37
IDA	multilateral	Kenya	2008	19.89
France	bilateral	Kenya	2009	17.26
Germany	bilateral	Kenya	2007	15.8
Germany	bilateral	Kenya	2005	14.2
IDA	multilateral	Kenya	2009	13.05
Sweden	bilateral	Kenya	2008	10.19
Germany	bilateral	Kenya	2004	9.62
Sweden	bilateral	Kenya	2009	7.97

OECD funding

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Benefits of consuming and providing data via APIs

No need for redundant data stores or single “master” repository of all possible datasets

No need for common/shared platform

Each data consumer gets info updates on demand (no more emailing/FTP'ing spreadsheets, compressed files, or DBs).

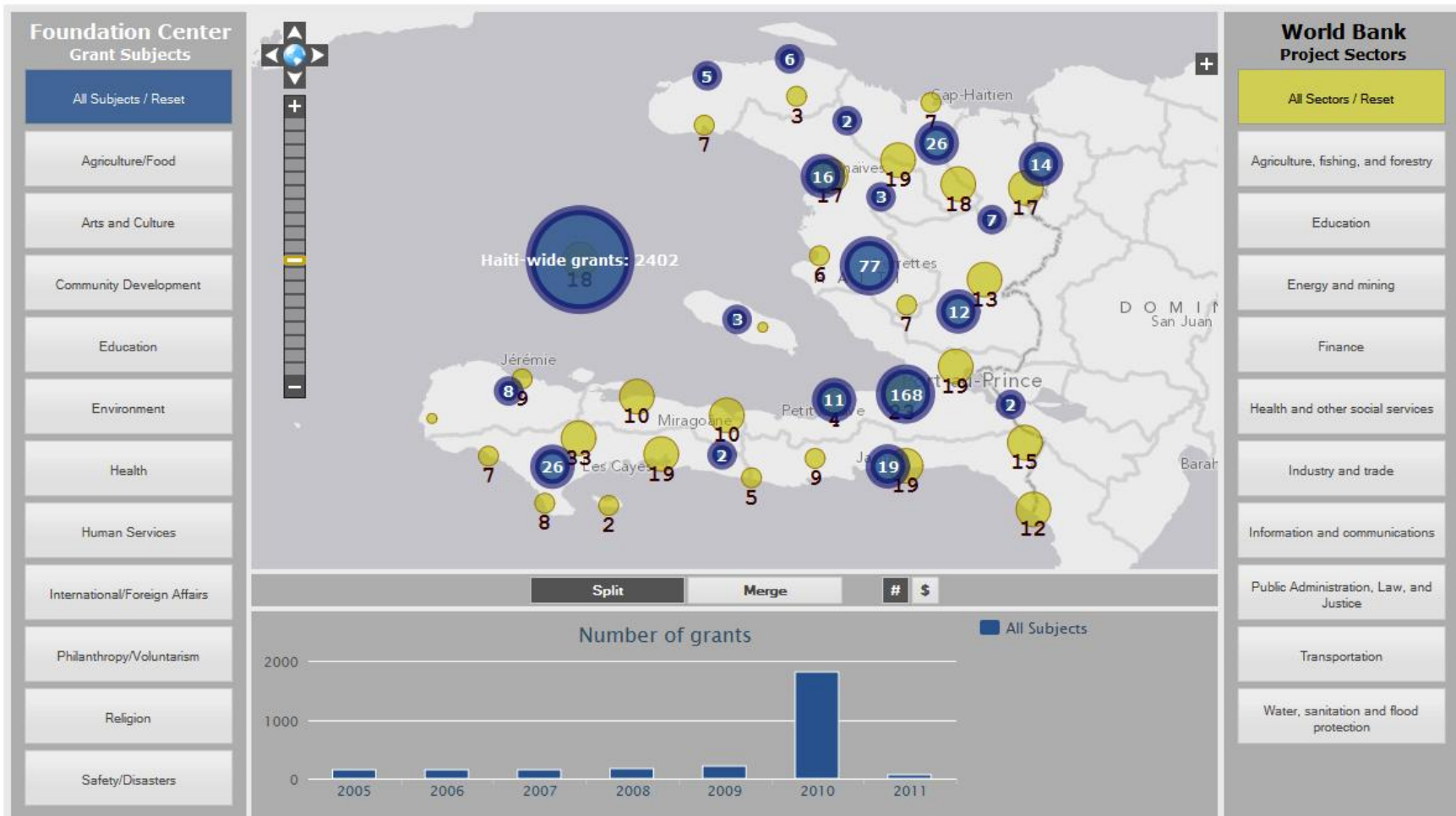
Data authenticity: **get info directly from the source.**



JSON data via API/web svc.

Prototype application: HAITI AID

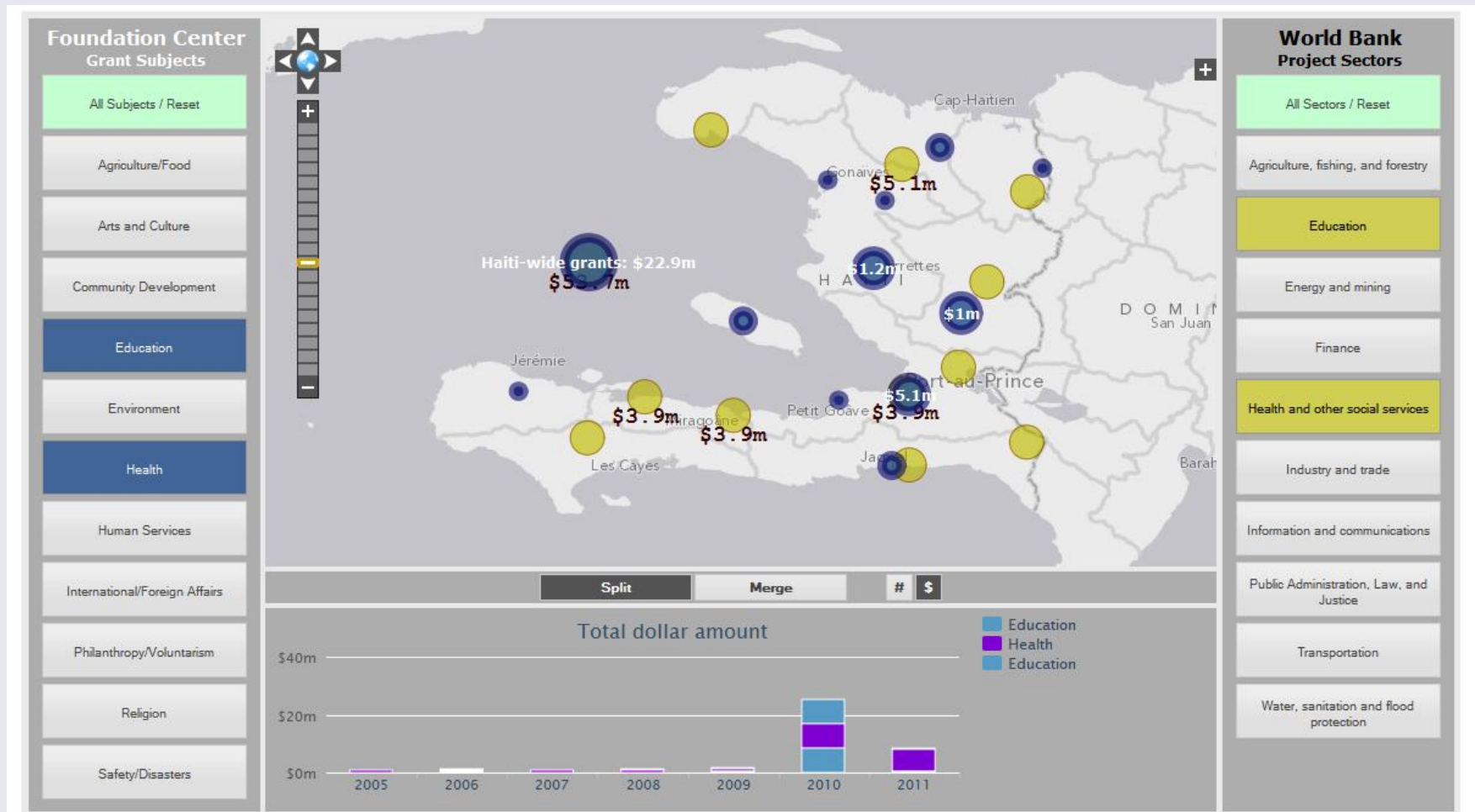
U.S. foundation grants and World Bank projects, Haiti, 2005-2011



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Prototype application: **HAITI AID**

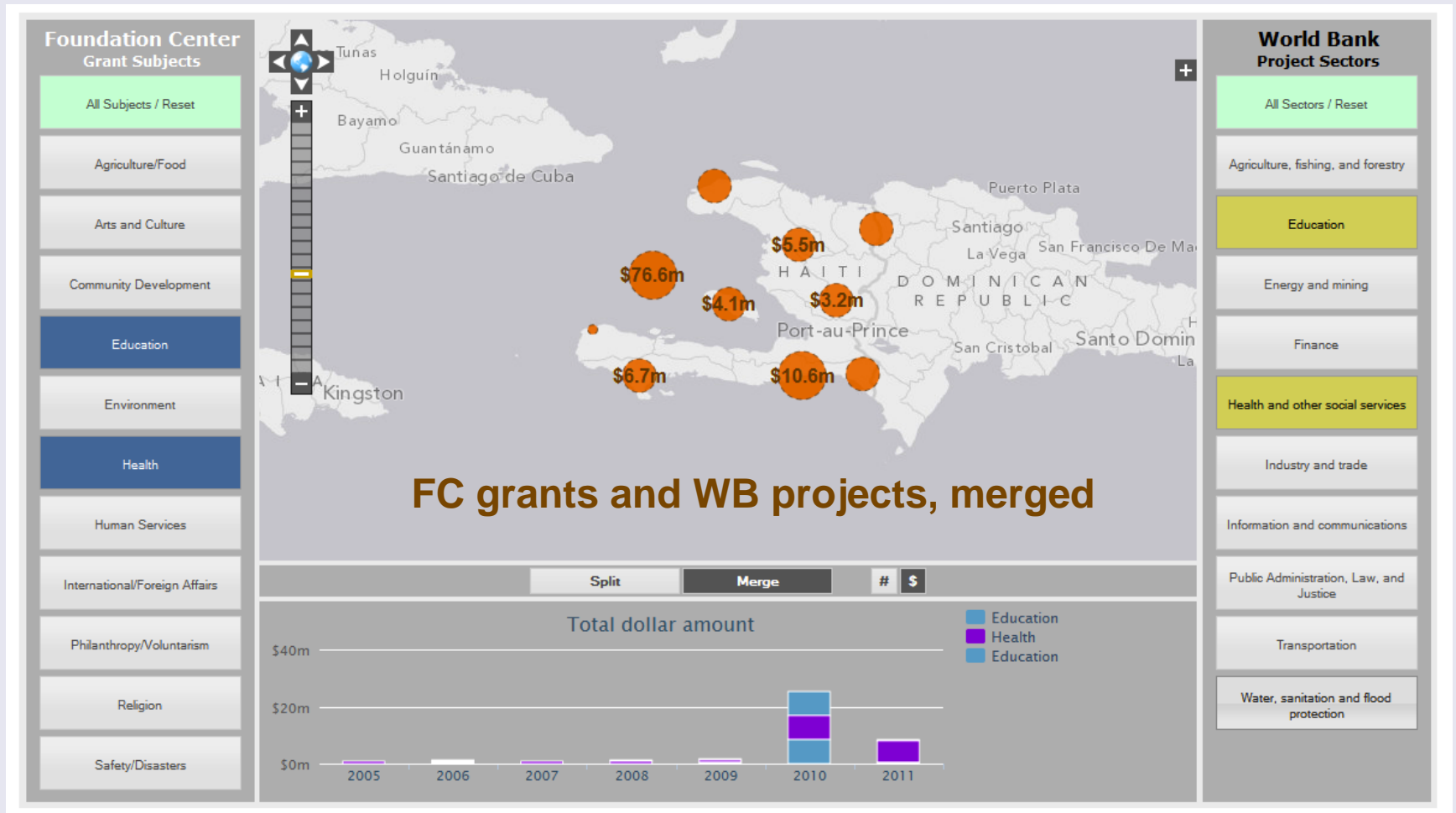
U.S. foundation grants and World Bank projects, **Health & Education**



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Prototype application: **HAITI AID**

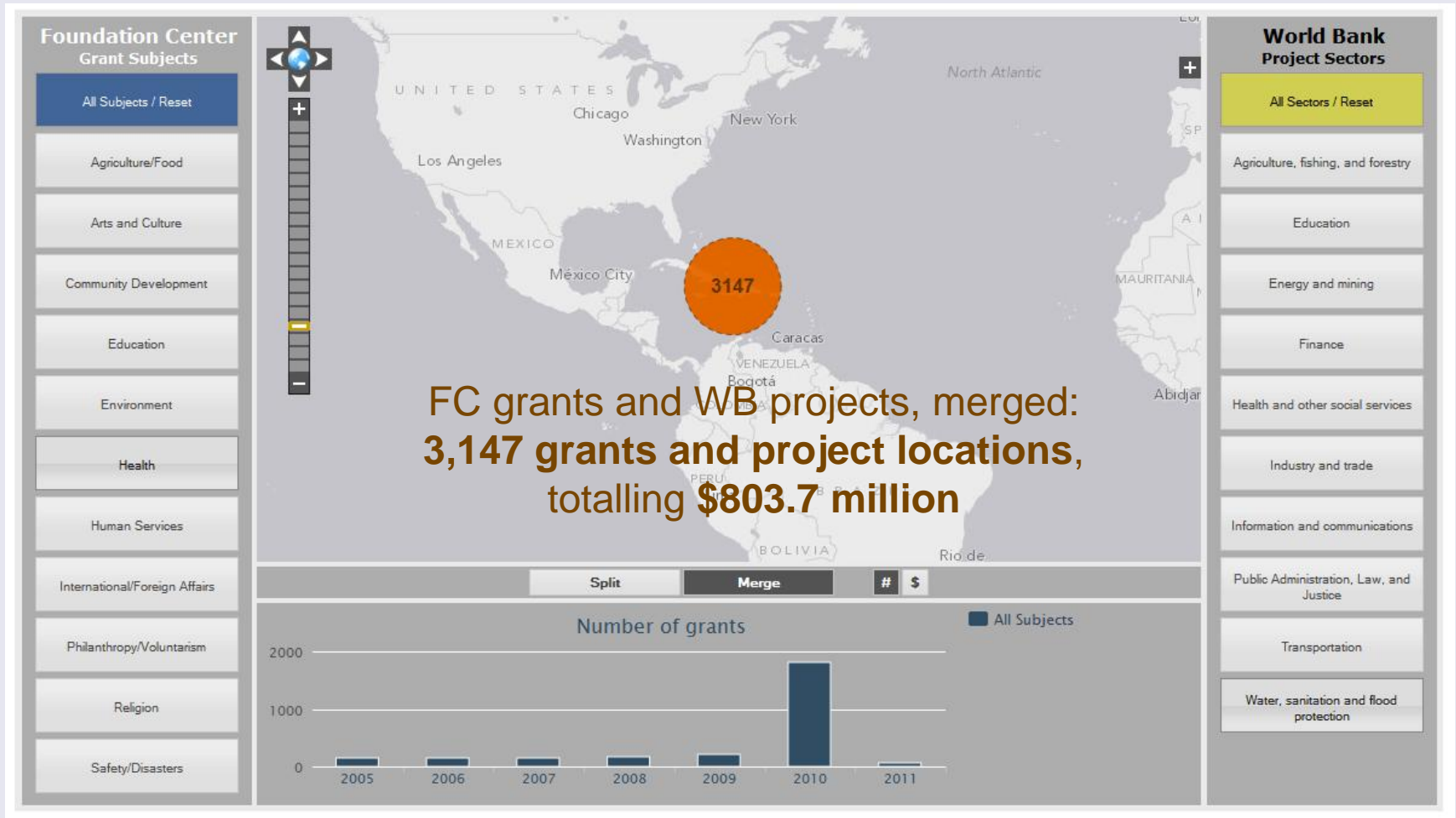
U.S. foundation grants and World Bank projects, **Health & Education**



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Prototype application: **HAITI AID**

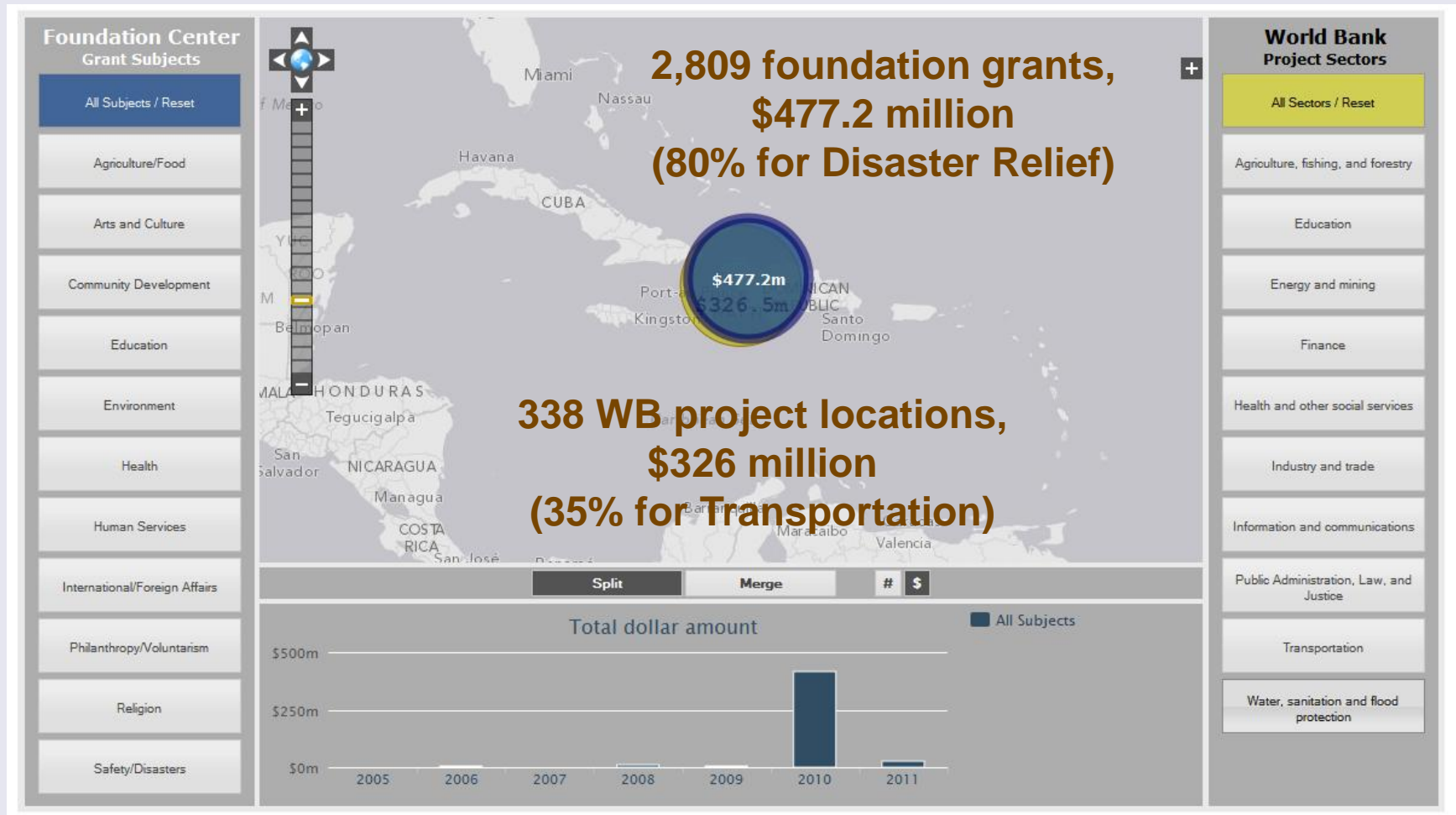
U.S. foundation grants and World Bank projects, **All Sectors/Subjects**



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Prototype application: **HAITI AID**

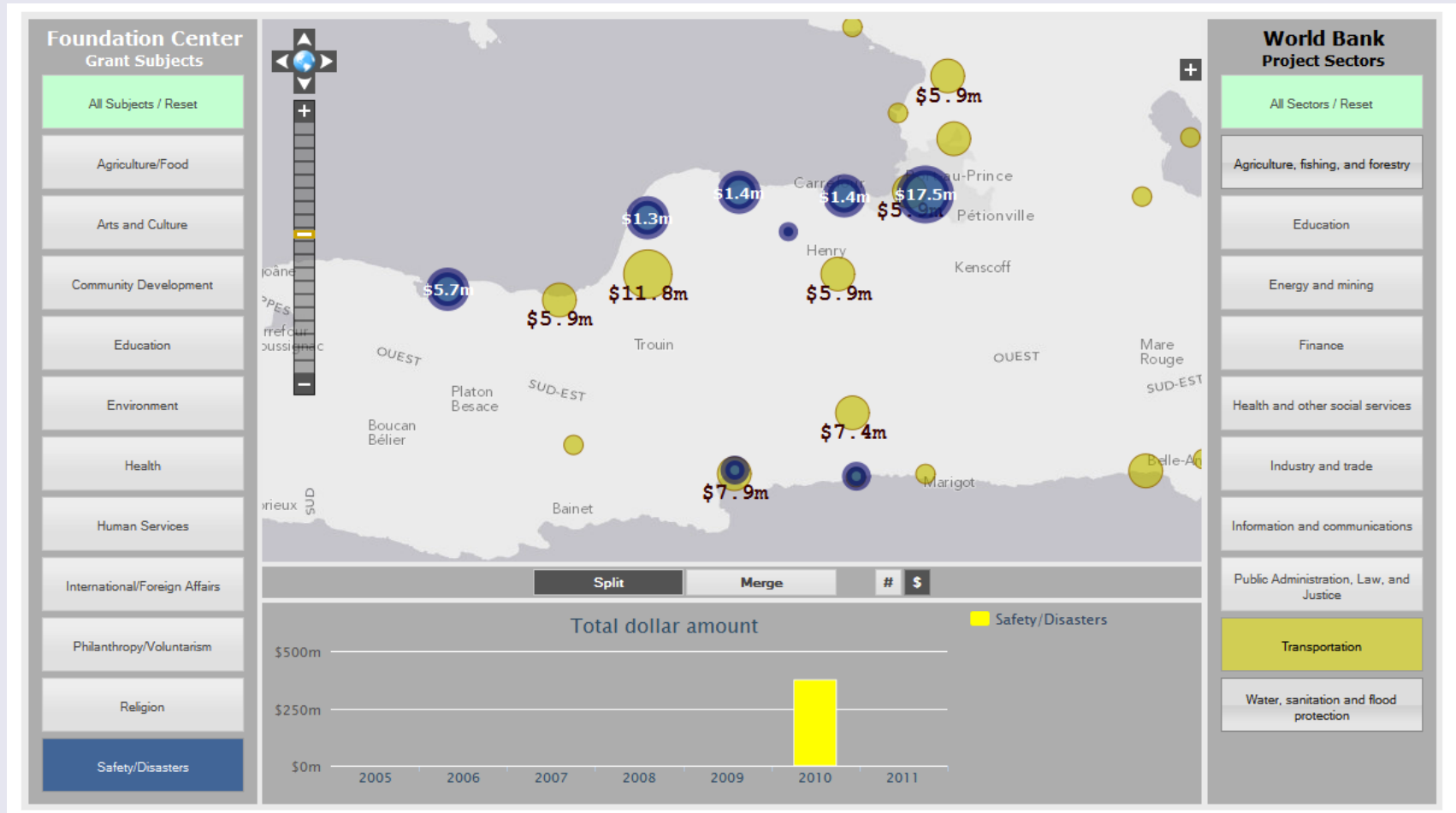
U.S. foundation grants and World Bank projects, **All Sectors/Subjects**



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Prototype application: HAITI AID

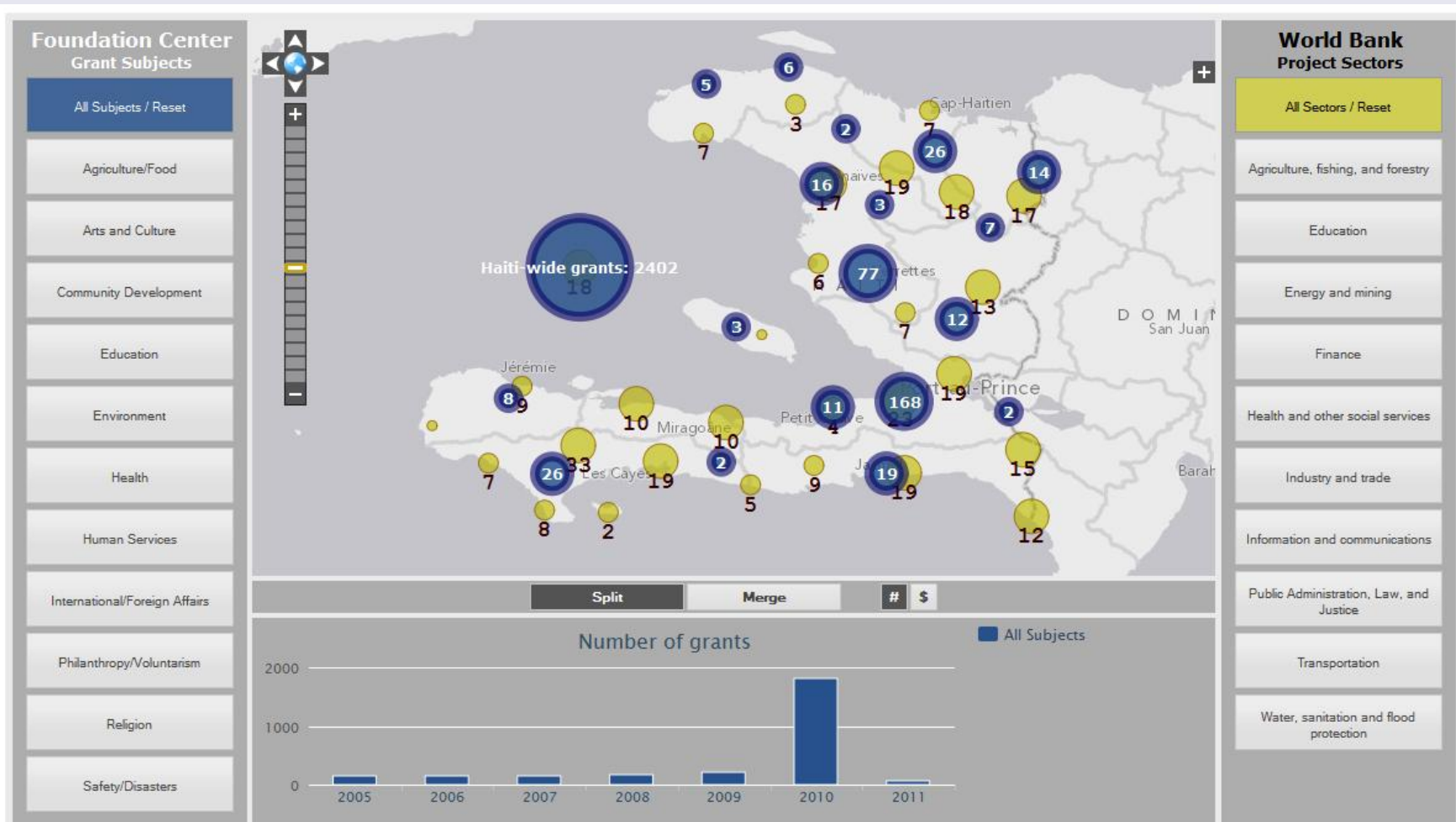
Foundation grants and WB projects, Disaster Relief / Transportation



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Prototype application: HAITI AID

U.S. foundation grants and World Bank projects, Haiti, 2005-2011

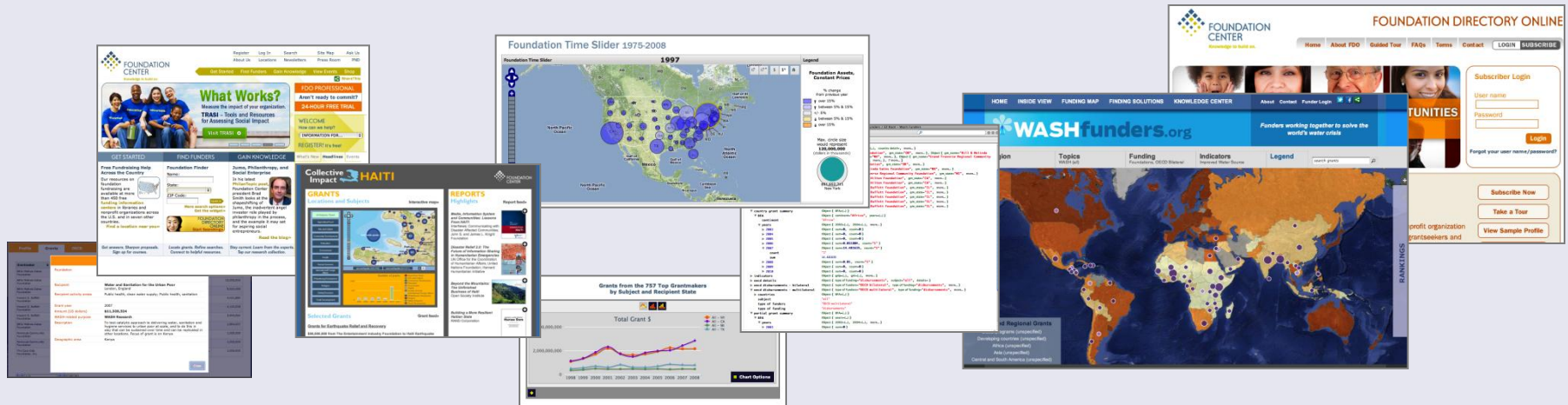


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Takeaway #1

The Foundation Center has extensive data on international philanthropy.

4.6 million grants from 104,000 foundations, and counting, accessible via dozens of data products.



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Takeaway #2

Good (open) data requires curation.

Much of the Foundation Center's data is (or will soon be) available for free on portals or via API.

The degree to which the rest of our data, and future data, becomes free depends on **external funding sources**, due to the cost of curating the data.

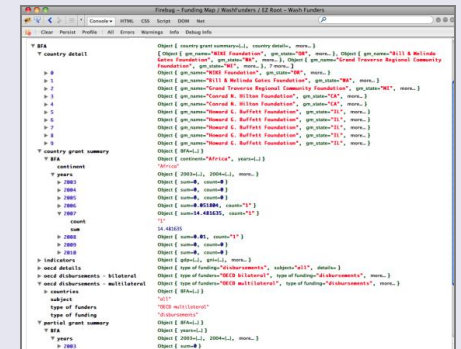


+

curation

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