14th UNGIWG Plenary Meeting

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Mapping for Results Initiative

Launched in October 2010 in partnership with AidData to geo-reference and visualize the locations of all active World Bank projects at the sub-national level

maps.worldbank.org
M4R Methodology

Precision categories utilized by M4R

The coordinates correspond to an exact location, such as a populated place or a hill. The code is also used for locations that join a location which is a line (such as a road or a railroad). Lines are not coded only the points that connect lines. All points that are mentioned in the source are coded

The location is mentioned in the source as being “near”, in the “area” of, or up to 25 km away from an exact location. The coordinates refer to that adjacent, exact location.

The location is, or lies in, a second order administrative division (ADM2), such as a district, municipality or commune

4.1 The location is an entire first order administrative division (ADM1), such as a province, state or governorate

4.2 The location is an entire first order administrative division (ADM1), such as a province, state or governorate, but the location within the ADM1 is unknown.

5. The location can only be related to estimated coordinates, such as when a location lies between populated places; along rivers, roads and borders; more than 25 km away from a specific location or when sources refer to parts of a country greater than ADM1

6. The location can only be related to an independent political entity, meaning the pair of coordinates that represent a country

8.1 The location represents funding to a government agency

8.2 The location represents funding to a government agency, but this is not the only location for the project.
Integrating Geocoding into World Bank Operations

Project Preparation

1) Team accesses the project geocoding app and enters proposed project locations.
2) Locations automatically show up in Project Appraisal Document (PAD) Data Sheet and are reviewed as part of regular PAD clearance processes.
3) When the PAD is finalized and disclosed so are the project locations.

Project Implementation

1) Planned project locations are automatically loaded from the PAD.
2) Team accesses the project geocoding app and updates project locations indicating which ones have been realized.
3) Locations automatically show up in the Implementation Status and Results Report (ISR) and reviewed as part of regular ISR clearance processes.
4) When the ISR is finalized and disclosed so are the updated project locations.

Project Completion

1) Team accesses the project geocoding app and updates project locations indicating which ones have been realized.
2) Locations automatically show up in the Implementation Completion Report (ICR) and are reviewed as part of regular ICR clearance processes.
3) When the ICR is finalized so are the final project locations.
**Beyond Conflict: Iraq’s Energy Sector Targets Jobs and Prosperity**

May 8, 2016 - With a real World Bank-supported energy strategy, Iraq is now looking beyond short-term gains in oil and gas exports to medium-term diversification of the economy.

### SECTOR BOARDS

<table>
<thead>
<tr>
<th>Sector</th>
<th>Projects Mapped</th>
<th>Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture and Rural Development</td>
<td>210</td>
<td>3,771</td>
</tr>
<tr>
<td>Capital Markets Practice</td>
<td>1</td>
<td>54%</td>
</tr>
<tr>
<td>Environment</td>
<td>124</td>
<td>1,123</td>
</tr>
<tr>
<td>Financial Inclusion Practice</td>
<td>1</td>
<td>81%</td>
</tr>
<tr>
<td>Health, Nutrition and Population</td>
<td>71</td>
<td>100%</td>
</tr>
<tr>
<td>Procurement</td>
<td>1</td>
<td>75%</td>
</tr>
<tr>
<td>Water</td>
<td>115</td>
<td>1,001</td>
</tr>
<tr>
<td>Education</td>
<td>73</td>
<td>56%</td>
</tr>
<tr>
<td>Energy and Mining</td>
<td>155</td>
<td>1,404</td>
</tr>
<tr>
<td>Global Information/Communications Tack</td>
<td>29</td>
<td>100%</td>
</tr>
<tr>
<td>Innovation &amp; Entrepreneurship Practice</td>
<td>126</td>
<td>75%</td>
</tr>
<tr>
<td>Investment Climate Practice</td>
<td>3</td>
<td>100%</td>
</tr>
<tr>
<td>Operational Services</td>
<td>10</td>
<td>100%</td>
</tr>
<tr>
<td>Poverty Reduction</td>
<td>2</td>
<td>100%</td>
</tr>
<tr>
<td>Public Sector Governance</td>
<td>46</td>
<td>300%</td>
</tr>
<tr>
<td>Social Development</td>
<td>36</td>
<td>55%</td>
</tr>
<tr>
<td>Social Protection</td>
<td>84</td>
<td>65%</td>
</tr>
<tr>
<td>Transport</td>
<td>106</td>
<td>2,085</td>
</tr>
<tr>
<td>Urban Development</td>
<td>158</td>
<td>1,271</td>
</tr>
</tbody>
</table>

### ALL PROJECTS

- **All Projects** (1,231 of 2,171 projects mapped in 14,018 locations):
  - 55% in 1,231 locations
  - 45% in 1,231 locations

### REGIONS

- **Africa** (571 of 676 projects mapped in 4,190 locations):
  - 56% in 571 locations
  - 44% in 571 locations

- **East Asia and Pacific** (263 of 394 projects mapped in 3,511 locations):
  - 65% in 263 locations
  - 35% in 263 locations

- **Europe and Central Asia** (167 of 270 projects mapped in 1,700 locations):
  - 45% in 167 locations
  - 55% in 167 locations

- **Latin America and Caribbean** (216 of 317 projects mapped in 1,800 locations):
  - 55% in 216 locations
  - 45% in 216 locations

- **Middle East and North Africa** (155 of 185 projects mapped in 274 locations):
  - 56% in 155 locations
  - 44% in 155 locations

- **South Asia** (170 of 221 projects mapped in 2,578 locations):
  - 28% in 170 locations
  - 72% in 170 locations

- **Other** (2 of 41 projects mapped in 55 locations):
  - 0% in 2 locations
  - 100% in 2 locations
http://maps.worldbank.org/maps/content/georesults.html

http://www.gafspfund.org/georesults
Getting more detailed geocoded data

http://www.gafspfund.org/gafspmapglobal
The Open Aid Partnership aims to increase aid transparency and effectiveness.

In particular, the OAP supports countries to collect, visualize and publish the sub-national locations of donor-financed programs.
• **Strengthen capacity of partner countries**
  to collect, curate, visualize, and publish development data according to international aid reporting standards (IATI).

• **Develop an Open Aid Map**
  to visualize the locations of development activities on a common mapping platform.

• **Build capacity of civil society, the media and policymakers**
  to access, understand, use and give feedback on open development data.
OAP Pilot in Kenya

**Supply Side**
*The ‘opening’ of aid data*
- Geocoding Workshop
- Spatial enhancement of AIMS

**Demand Side**
*Public ownership of open aid data*
- Open Data Bootcamp
- Open Data for Evidence-based Policy Workshop

**Support**
OAP in Kenya

Geo-coding Project Activities

Project documents

Project data

Information
• Spatially enabling the national system for development projects – to support visualization and project operations.

• by using location name, coordinates, county boundary...
Better Data, Greater Transparency

• Development projects
• Development indicators
• Social infrastructures
• Budget and expenditure
Visualizing both internally and externally financed projects
Global Open Aid Map

To publish, aggregate and visualize data on aid flows from governments, donors, foundations and NGOs across many countries for anyone to access and share freely.
Understanding who is doing what where in Great Lakes

**DRC**

- Poverty Rate (% under $1.25/Day)
  - < 0.35
  - 0.35 - 0.54
  - 0.55 - 0.60
  - 0.61 - 0.76
  - > 0.76

**Uganda**

- Transportation Networks
  - Railways
  - Roads

**Project Sites**
- UN-Habitat
- UNDP
- World Bank
Building Capacity to Use Open Development Data

Data Literacy Bootcamps in Malawi, Nepal, and Bolivia

Data for Development Policy Workshops in Malawi and Nepal