Salesforce to SQL Server to ArcGIS Online: Global Projects Map

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Project Background

INFORMATION COMMUNICATION
Available Tools

salesforce

Microsoft SQL Server

ArcGIS®
External Service/Contractor

https://www.innovateteam.com/
Staff Support from CRS and External Support

- 1 Salesforce and Jitterbit Administrator (Vijay)
- 1 SQL Database Administrator (Julia/Susheel)
- 1 ArcGIS Administrator (Janeen)
- Vendor Support (SalesForce, Jitterbit, Rackspace, Microsoft – SQL Server, Esri – ArcGIS Enterprise and ArcGIS Online)
- General Support contract with Innovate (end of FY)
Target Data Architecture
Methodology

1. Salesforce
2. Jitterbit Tool
3. SQL Server
4. Geocoding (Python Scripts)
5. Geocode Error?
   - Yes: Geocode Errors Table
   - No: ArcGIS Server Web Service
5. ArcGIS Online Map
Output

CRS Programs Worldwide

This map shows projects carried out by the organization for recent fiscal years as captured in Gateway. This map can be used to view and search for detailed information about projects in each country divided among program areas. In addition, each program area shows details about the total number of projects, direct and indirect beneficiaries and current expenditures.

Navigation

The icons in the top-right corner of the page can be used to navigate the data.

- provides the full list of data (or layers) available to view. Use the drop-downs and check boxes to add or remove data from the map.
- displays a legend of all of the data shown on the map.
- contains a list of available searches. Follow the...
Key Issues / Challenges
Key Successes Lessons Learned

- Smart and effective use of GIS → excellent implementation of GIS as an ICT4D solution to support CRS programming.

- Champion the opportunities that GIS offers to the organization → strengthening GIS roadmap (or using GIS as a solution) within the agency.

- Incorporate geospatial technology into enterprise systems (i.e. SalesForce)

- Serve as valuable communication that will improve the efficacy of how CRS do digital reporting and/or visualization → foreseeable future for other CRS programs.
MORE QUESTIONS?

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