



Practice Area

KNOWLEDGE MANAGEMENT AND DATA ANALYTICS

As a data-driven firm, DevTech specializes in the management, analysis, and dissemination of quality data to increase data use across the development community and inform decision making.

Our expertise in knowledge management and data analytics has placed DevTech at the forefront of open data initiatives. Founded by an economist over 35 years ago, DevTech has remained true to its heritage of strong methodological capabilities and has evolved into a firm that employs cutting-edge technological solutions to communicate complex quantitative information to our clients and the general public.

OUR EXPERTISE

DevTech's commitment to accurate and comprehensive data spans across all of its projects and informs decision making for government agencies. From projects that provide full-time data management services to the US Government to short-term knowledge generation and dissemination, we specialize in making data easy to understand and access. DevTech promotes knowledge sharing, engagement, and dissemination through a variety of methods such as webinars, training, workshops, and reporting.

DevTech has built custom query-driven databases and created compelling data visualizations for clients including USAID/Bureau for Management Chief Information Officer and USAID Missions (Colombia, Guatemala, and Nigeria). The tools and products we create are used to monitor and evaluate trends in socioeconomic development for strategic planning and project design purposes. We work closely with our customers to ensure that their knowledge management tools are adapted appropriately to their needs.

OUR PROJECTS

Analytics, Data, Visualization, and Information Services (ADVISE)/USAID Data Services (2018-2023)

DevTech, as prime contractor of ADVISE, is USAID's central source for U.S. foreign assistance data, international socioeconomic data, and data-driven analysis in support of USAID goals. ADVISE, also known as USAID Data Services, is implemented for the USAID Bureau for Management, Chief Information Officer (M/CIO). DevTech has held this contract and previous iterations for over 20 years. Our team is responsible for enhancing the availability of USAID data, improving the overall access and usability of USAID data, broadening global awareness of the wealth of USAID data, and bolstering the Agency's capacity to use data effectively.

DevTech is responsible for developing, managing, and maintaining a suite of databases and publicly accessible web platforms for USAID containing data from across the Agency, USG, and international development organizations. These include the Development Experience Clearinghouse (DEC), Development Data Library (DDL), Foreign Aid Explorer (FAE) web platform, and International Data and Economic Analysis (IDEA) web platform, among others.

DevTech's team of economists and data analysts responds to an average of 100 requests per month for data, analysis, and visualizations from USAID and its partners. These requests have resulted in the creation of products including country data profiles updated 2-3 times per year, analytical briefs, snapshots of recent data releases, and special studies. Our staff are experts in data analysis and visualization software including Tableau, R, Python, SPSS, Stata, and Excel.

Key Accomplishments

- Support to USAID's Journey to Self-Reliance (J2SR) Initiative – collecting and transforming the underlying data to produce the J2SR Country Roadmaps, producing the web portal that houses the Roadmaps (<https://selfreliance.usaid.gov/>), and assisting with the identification of a list of over 300 secondary indicators to improve the accuracy of the J2SR metrics.
- Development Cooperation Landscape Tool on FAE – allows users to view and analyze the budgets and programs of over 950 development cooperation partners by country.
- Women's Economic Empowerment and Equality (WE3) dashboard on IDEA – an interactive tool that explores data on women's economic, social, and political inclusion and allows for comparisons between countries.
- Ongoing development of a Data Literacy training and online guidance materials.

Program Cycle Service Center (PCSC) (2011-2017)

DevTech PCSC staff provided critical assistance in developing course material and toolkits to support knowledge management and generation on all aspects of the Program Cycle. The staff helped design and develop more than 400 tools, learning resources, and communication products for USAID OUs and IPs, including a suite of training and other learning materials on the revised ADS 201. PCSC staff played a key role in helping PPL in the design and rollout of ProgramNet, the principal online knowledge resource for USAID staff for building Agency capacity on the Program Cycle and facilitated or participated in over half of all ProgramNet webinars. PCSC staff developed ProgramNet content on a regular basis and DevTech's PCSC Project Director won USAID's ProgramNet Champion Award based on his contributions to promoting knowledge sharing and learning on the Program Cycle. PCSC staff were also engaged in creating content for Learning Lab and MyUSAID and promoting them to IPs, harnessing these platforms as significant tools for building capacity on the Program Cycle.

USAID/Guatemala Monitoring and Evaluation Program (MEP) (2013-2018)

MEP developed an M&E repository service called Monitor-G (adapted and improved from DevTech's Monitor platform in USAID/Colombia) for USAID/Guatemala and implementing partners to update and report on program progress and impact indicator data in accordance with approved M&E Plans. USAID officers can browse the system to gather information and generate reports at different levels of disaggregation. Monitor-G has an M&E Clearinghouse Module, GIS Module, and an Environmental Compliance Module.

USAID/Nigeria Monitoring, Evaluation, and Learning (MEL) Activity (2016-2020)

In 2016, DevTech began the design process for the launch of MONITOR[®] for USAID/Nigeria. This started with taking over Nigeria's existing Performance Reporting System (PRS) and identifying key improvements after conducting a user satisfaction survey and comprehensive review of PRS. With the new MONITOR system, users can: browse an extensive repository of project evaluation documents and reports; enter target and actual performance data against indicators; create automated Activity MEL Plans (AMELPs) including Performance Indicator Reference Sheets (PIRS); search indicator data by Development Objective; toggle between different context layer maps and overlay indicator values; and generate reports at different levels of disaggregation.



Founded in 1984, DevTech Systems, Inc. is an international consulting firm dedicated to data-driven, innovative solutions for development with expert capabilities in: monitoring and evaluation; knowledge management and data analytics; public financial management and fiscal sustainability; education, gender, and youth; security, transparency, and governance; and energy and environment.

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