



Energy at DT Global

Reliable, Clean, and Accessible Energy for All

To help communities overcome increasing pressure from climate change, urban and industrial growth, and deforestation, DT Global's Environment & Infrastructure practice collaborates with stakeholders to develop innovative solutions that build resiliency, promote clean energy solutions, build sustainable infrastructure and transportation, mainstream green economy solutions, improve environmental management, and accelerate access to safe water and sustainable sanitation. Through locally led initiatives grounded in data and quantitative analysis, we facilitate development of improved policies and practices, strengthen stakeholder capacity, and create partnerships with the private sector and other stakeholders to bring innovation to scale.

In partnership with governments and service providers, DT Global facilitates access to reliable, clean, and affordable energy. We strengthen enabling environments, build the energy sector workforce, promote private sector investment, and support the provision of clean power to some of the world's most vulnerable populations. Our programs reduce regulatory barriers to market development and facilitate cross-border energy trade to create modern, integrated, secure, and stable mechanisms for economic growth and good governance. We are a leader in increasing women's participation in the energy sector and prioritize the inclusion of vulnerable and under-represented communities for energy access and development.

Recent DT Global Energy Programming Countries:

- Bosnia and Herzegovina
- Côte d'Ivoire
- Ecuador
- India
- Kenya
- Kosovo
- Lebanon
- Marshall Islands
- Namibia
- North Macedonia
- Uganda
- West Bank and Gaza
- Zambia

Who is DT Global?

DT Global works in partnership with communities, governments, and the private sector to deliver innovative solutions that transform lives. DT Global—launched in 2019—is built on legacy companies AECOM International Development's Services Sector, Development Transformations, IMC Worldwide, and Cardno International Development. To fulfill its profit-for purpose mission, DT Global is a key donor to the DT Institute, an independent not-for-profit organization, in support of DTI's efforts to test new ideas or expand on donor partner priorities with the aim to improve as many lives as possible.

Our global team of 2,500 staff and experts work in over 90 countries. We bring over 60 years of experience, relationships, and technical excellence to improve lives on behalf of our partners, clients, and stakeholders. We aim to maximize sustainable development impact across a wide range of practice areas, including Conflict Prevention, Stabilization & Transition; Economic Growth; Environment & Infrastructure; Governance; and Human Development. Together, we aim to positively impact 500 million lives by 2045.

Innovation for Affordable and Renewable Energy for All (INARA)

Lebanon

2021–2026, USAID

Through INARA, DT Global works to increase the supply of electricity in Lebanon and promote the cost effectiveness, eco-friendliness, sustainability, and reliability of municipal power supply. To achieve that, DT Global is renovating the Rechmaya Hydro Power Plant, which was constructed in the 1920s and has not been operational since 2019. Once completed, the power plant will supply 13 MW of power to 17 downstream communities and will be operated as a grid-connected microgrid. In parallel, INARA is developing a 7 MW solar power plant that will be financed from the project's construction budget with a significant cost share from the community where the plant will be sited.

INARA is also clarifying and strengthening the enabling environment for renewable energy-based electrical power generation and working to attract private sector investment. To that end, DT Global is currently supporting the adoption of the Distributed Energy Resource Law which will curtail the monopoly of Electricite Du Liban on the electricity sector and open the market to privately owned and operated renewable energy power plants. Since its inception, INARA has actively engaged with local communities in Lebanon and diaspora communities in the US, Europe, and Australia leading to monetary and in-kind contributions from these communities toward the planned solar power plants and future renewable energy projects.

Kosovo Energy Security of Supply (KESS) Activity

Kosovo

2017–2023, USAID

The USAID KESS Activity provides technical assistance to the Kosovo energy sector, primarily the Ministry of Economy, in designing and implementing energy security projects. To date, DT Global has provided a full range of short and long-term and quick-response professional services, including transaction document review, legal and financial advice for transactions, policy formulation, drafting of regulatory laws, consensus building among energy stakeholders, and strategic communications.

Through KESS, DT Global has also played a leading role in developing Kosovo's nascent market for

distributed solar PV. This includes supporting the development and adoption of the regulatory framework for prosumers; conducting over 500 feasibility studies for commercial, industrial, and residential sites; and facilitating access to debt financing for selected prosumer installations. Support provided by DT Global has led to several private sector beneficiaries investing in onsite solar PV systems, including a 720 kWp system at the bottling facility of RC Cola. DT Global has also assisted regional water supply companies in conducting feasibility studies and preparing the procurement documents for the installation of rooftop solar PV systems at seven regional water supply stations.

Energy Policy Activity (EPA) in Bosnia and Herzegovina

Bosnia and Herzegovina

2019–2024, USAID

USAID EPA supports the Government of Bosnia and Herzegovina (BiH) in reforming and modernizing the gas and electricity sectors. The project provides targeted technical assistance to the Government of BiH to improve and streamline the energy policy environment and develop critical missing legislation, rules and market regulations in the natural gas and electricity sectors. Through this project, DT Global develops and recommends legislative and other measures at all levels of government to ensure that the BiH energy sector is compliant with EU requirements. The project also supports a strong public outreach and awareness program to promote a market-based energy sector and educate the general public about the benefits of the changes taking place in the sector.

To date, DT Global has supported the entity governments of the Federation of BiH, Republika Srpska, and Brcko District, using an inclusive consensus-building methodology, to develop or amend over a dozen laws. This includes the Renewable Energy Electricity Law (adopted), Republika Srpska Renewable Energy Law (adopted), Brcko District Electricity Law (adopted), Brcko District Renewable Energy Law (adopted), Federation of BiH Energy Law (with Parliament), Federation of BiH Electricity Law (with Parliament), Federation of BiH Renewable Energy Law (with Parliament), Federation of BiH South Natural Gas Interconnection Law (with Parliament), and Federation of BiH Cyber Security Law (with Parliament), in addition to numerous Cantonal laws.

Demand Side Management, Social Infrastructures and Renewable Energy Expansion (DESIREE) – Program Management Support

Multiple Countries

2021–2026, European Investment Bank

The overall objective of DESIREE program is to foster sustainable and inclusive socio-economic growth in selected partner countries (Côte d'Ivoire, Dominican Republic, Ecuador, India, Kenya, Madagascar, and Uganda), and to develop sustainable business models for the provision of clean, climate-friendly and energy efficient solutions. Through this program, DT Global supports the development of enabling environment conditions for private sector investments in energy efficiency and demand-side management. The program also provides demand-driven capacity building support and technical assistance to key energy sector actors in partner countries as well as blended finance access to support innovative business models and realize sustainable investments with private sector participation.

Through DESIREE, DT Global addresses three key programmatic areas. (1) Supporting the establishment and operationalization of super-energy service companies in three countries. (2) Structuring demand-side management programs through utility companies in four lower-middle income countries to implement domestic and commercial consumer energy efficiency measures, such as solar water heaters, electric cooking, and energy efficient lighting and cooling. (3) De-risking approaches and scaling up private sector business models for sustainable electrification of social infrastructure in three countries.

Economic and Social Infrastructure Program (ESIP)

Papua New Guinea

2018–2026, DFAT

ESIP is working with partners in Papua New Guinea to support improved planning, prioritization, delivery, and sustainability of economic and social infrastructure. Priority infrastructure sub-sectors for the program include energy (on-grid and off-grid electrification); telecommunications (including internet services), water and sanitation, and other priority social infrastructure. ESIP is also supporting DFAT and international partners to advance Papua New

Guinea's state-owned enterprise reform agenda, which is improving the operational performance and financial sustainability of state-owned enterprises, including the electric utility PNG Power Limited, and helping them deliver better services. The Australian Government's priorities of gender equity, disability, and social inclusion, along with emerging priorities of localization and capacity strengthening, climate change, disaster resilience and environmental and social safeguards are integrated across the program's operations and activities.

In the energy sector, ESIP supports PNG Power Limited's efforts to stabilize, intensify, and extend the Ramu and Port Moresby Grids. Support activities include feasibility studies, engineering designs and bid documentation for the upgrade of an existing transmission lines and a new transmission line on the Port Moresby Grid. Furthermore, ESIP is assisting with upgrades to PNG Power Limited's provincial "mini-grids" that will support cleaner and more reliable electricity services to communities that are not connected to the major grids, along with implementing diesel generator solutions to meet immediate needs in some priority locations. DT Global is also supporting institutional reform of PNG Power Limited to unbundle its core business elements (generation, transmission, and retail/distribution). In the off-grid sub-sector, DT Global has established and is currently managing the off-grid energy grant program, Pawarim Komuniti, with around 10,000 solar home kits to remote households, 770 outdoor solar streetlights, 60 indoor solar lighting systems, and 47 solar fridges installed in rural and remote communities in Papua New Guinea.

Enhancement of the Policy, Legal and Regulatory Environment and Capacity Building for Renewable Energy and Energy Efficiency in Zambia

Zambia

2018–2023, European Union

This project supports institutional, legal, and regulatory frameworks that are unlocking the potential of renewable energy and increasing energy efficiency adoption in Zambia. To date, the project has provided technical and financial planning support to revise and implement Zambia's 10-year-old National Energy Policy. The new policy promotes cost reflective tariffs, scales up renewable energy and energy efficiency technologies, establishes open

and nondiscriminatory electricity transmission access regimes, and increases access to energy services in urban and rural areas. Additionally, the project reviewed and updated the Rural Electrification Master Plan; helped develop a mini-grid regulatory framework and training on regulation through licensing and tariffs; established a net-metering system to scale up renewable energy self-generation; explored options for off-grid solutions; and prepared a scoping study as a first step in the Strategic Environmental Assessment of Zambia's energy policy.

Technical Assistance for Coordinating Support to Tendering Processes for Renewable Energy Power Plans in Côte d'Ivoire

Côte d'Ivoire

2020–2023, European Union

This project accelerates the development of renewable energy power projects in Côte d'Ivoire through private sector investments and financing. Through this project, DT Global is supporting the competitive procurement of renewable energy private-public partnership projects within the small hydro, solar, and biomass sectors. This support includes overseeing technical studies, selecting private sector sponsors, preparing tenders, and providing the Ivorian government with legal and financial support to see renewable energy public-private partnership projects through financial closing.

REPOWER-Kosovo

Kosovo

2014–2019, USAID

REPOWER-Kosovo supported the Government of Kosovo's continued efforts to modernize its existing electricity sector by promoting clean energy development and improving private investment within a modern energy system. REPOWER collaborated with the Energy Regulatory Office and Ministry of

Economic Development to successfully streamline processes for licensing and permitting of renewable energy with the creation of a One-Stop-Shop within the government, with over 236 MW of renewable energy authorized. The project also supported the Energy Regulatory Office and Ministry of Economic Development to review energy laws, assess potential compliance regulations for energy, and develop energy regulations, with 21 secondary legislation documents drafted. Finally, REPOWER enhanced the institutional capacity of the Kosovo Energy Corporation in its effort to undertake sector unbundling.

Palestinian Energy Project (PEP)

West Bank

2016–2019, USAID

Under the USAID Clean Energy IDIQ, PEP supported the Palestinian Authority's efforts to modernize and diversify the Palestinian electricity sector and advance Palestinian institutional capacity to support affordable and sustainable energy independence in the West Bank. The project focused on improving electricity access and reliability by strategically incorporating renewable energy to increase Palestinian control over its electricity supply and improve its affordability over time. It also improved the management, monitoring, and operating capacity of the various institutions in the Palestinian electricity sector.