



Europe renewable energy djibouti city

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USAID is facilitating private sector investment in Djibouti's energy sector to ensure sustainability and support the country's path to energy independence. USAID PowerAfrica funds were critical to unlocking \$225 million in private sector investment in a first-of-its kind waste-to-energy plant capable of processing more than 85 percent of Djibouti's trash into renewable energy.

U.S. company CR Energy Concepts (CREC) will build a \$220 million Renewable Energy Park and five regional transfer stations to collect all organic and inorganic materials destined for landfills across the heavily urbanized capital city and all five of Djibouti's rural regions. The facility will provide 35 Megawatts per hour of base-load electricity to Djibouti's power grid.

USAID funding will establish training centers at the Renewable Energy Park and regional transfer stations in each of Djibouti's five regions. The facilities will conduct technical training for the transfer station's 140 new employees and offer skills and employment training for the communities, addressing Djibouti's severe youth unemployment rate.

Budget: \$1,200,000 Activity Location: Djibouti City, Obock, Tadjourah, Dikhil, Artâ, Ali Sabieh Performance Period: Five Years (2023 - 2028) Implementing Partner: CR Energy Concepts LLC (CREC)

Djibouti faces critical challenges with power generation and distribution. Heavy reliance on fossil-fuel imports keeps the country exposed to price volatility, constraining economic development plans. But significant geothermal, wind and solar energy resources could be developed to extend reliable electricity supply throughout the country, meeting the twin concerns of energy access and energy security.

A Renewables Readiness Assessment (RRA) identifies the actions needed to overcome a country's barriers to renewable energy deployment, with the International Renewable Energy Agency (IRENA) providing technical support and expertise to facilitate consultations among different national stakeholders. While the process helps to shape appropriate policy and regulatory choices, each country determines which renewable energy sources and technologies are relevant and consistent with national priorities.

Djibouti's indigenous renewable energy resources can help to meet rising power needs as Djibouti pursues its ambitious Vision 2035 economic development programme. Renewable energy development would

also help to address high youth unemployment, creating more jobs per megawatt than conventional installation in the power sector.

As part of IRENA's Africa Clean Energy Corridor initiative, Djibouti can benefit from the flexibility offered by increased cross-border electricity trade. The country can also position itself as a trans-continental transmission hub between power pools in Africa and the Arabian Peninsula, thereby bolstering its own energy security as well as supporting wider power-sector decarbonisation.

BAKU, November 20, 2024 - Increasing exposure to extreme heat, droughts, and floods pose serious risks to livelihoods in Djibouti as well as for the country's long-term economic growth. Without swift action, Djibouti could lose up to 6 percent of its GDP annually by 2050, equal to nearly four years of today's economic output, according to the World Bank Group's first Djibouti Country Climate and Development Report (CCDR).

The report provides a detailed roadmap for how Djibouti can transform these climate challenges into opportunities for sustainable growth and economic diversification, highlighting the importance of infrastructure investment, action on water and food security, and energy sector reform.

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