

## Florida microgrids cote d ivoire

The overall objective of the project is to provide a decentralised and sustainable basic electrification infrastructure to the inhabitants of the seven villages, so these remote rural villages can benefit from basic domestic electrification and from energy for vital community uses: education, health, information and public lighting and, therefore, from the productive use of energy that will allow economic growth

Zamou, Solokaye, Kap?, Kakpin, Gans?, Boudou and Kromambira. The 7 villages belong to the Zanzan region, Nassian department, northeast of C?te d'Ivoire. The Zanzan region is in the north-east of C?te d'Ivoire and is the most underutilized region of C?te d'Ivoire.

Before the project, there was no shared electricity service, so the project has contributed to increasing the community's access to energy by almost 100%. Electricity has been secured for community uses (sanitary, educational, water pumping and religious buildings) and productive activities such as community refrigerators, freezers, mills, water pumping, storage, purification and distribution systems have been established. Overall consumer satisfaction is high, especially in small towns that no longer suffer from energy scarcity.

At least 34 local jobs have been created under the project: 11 installers + 2 federated (manager + technical director) + 7 mini-network supervisors + 14 productive use managers. At least 100 local jobs were created indirectly after the project.

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"This project employs innovative energy solutions in support of C?te d'Ivoire's ambitious universal electrification agenda," said Todd Abrajano, USTDA's Chief Operating Officer and Head of Agency. "Additionally, U.S. companies will have key opportunities to supply the goods and services to create the kind of high-quality infrastructure that is built to last."

USTDA's feasibility study will specifically assess the technical, financial and economic viability of deploying solar minigrids in as many as 100 unelectrified communities in C?te d'Ivoire. These minigrids will provide electricity to households, local schools, health clinics and other critical infrastructure including cell towers, cold storage and irrigation.

Abdourahmane Ciss?, Ministre du P?trole de l'Energie et des Energies Renouvelables in C?te d'Ivoire said, "Energy access creates economic development, and C?te d'Ivoire is committed to providing energy access to all of its citizens by 2025. We have worked over the past two years with our partners, including U.S. Power Africa, to develop an Off-grid Action Plan for rural areas. It is time to implement that Off-grid Action Plan, and this grant from the U.S. Trade and Development Agency is critical to take a concrete step forward toward this implementation."



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"Reliable access to electricity is a precondition to significantly expanding economic growth and opportunity," said U.S. Ambassador Richard Bell. "U.S. support, through USTDA, for off-grid power solutions represents an important part of our commitment to helping C?te d'Ivoire achieve its goal of universal energy access by 2025."

"Power Africa has been deeply invested in the creation of a legal and regulatory framework for minigrid deployment in Cote d'Ivoire since early 2019. We commend the government for adopting new policies and regulations to enable investment in this important sector. We believe USTDA's grant support represents a critical next step along a path that leads to a commercially sustainable minigrid sector, energy access, and economic opportunity for Ivoirians," said Mark Carrato, Acting Coordinator, Power Africa.

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