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Dakar, Senegal - The U.S. Trade and Development Agency awarded a grant for a feasibility study to help Lekela Energie Stockage deploy utility-scale battery storage technology in support of its Taiba N'Diaye wind farm, the largest of its kind in Senegal and West Africa. This will also be one of the first stand-alone battery power projects owned by an independent power producer.

"This project will make history in West Africa, and it also represents one of the region's first large-scale applications of battery storage that will help Senegal integrate wind power into its grid and create a reliable source of clean electricity," said Todd Abrajano, USTDA's Chief Operating Officer and Head of Agency. "We further believe that because of their global leadership in battery storage technology, U.S. companies will be extremely competitive suppliers for this project."

USTDA's feasibility study will define the technical specifications of the battery storage system and assess key regulatory, environmental and economic considerations. The project, expected to deploy at least 60 megawatt hours of battery storage capacity, will serve as a model for replication across the region.

"USTDA's support illustrates the vibrant, mutually beneficial partnership between the American and Senegalese people. U.S. financing for the Taiba N'Diaye wind farm is helping Senegal reduce energy costs, providing electricity for two million people and offsetting 300,000 tons of annual carbon emissions. We are excited to use battery storage technology to advance Senegal's clean energy mix and support Senegal's ambitious goals to increase its renewable energy capacity," said U.S. Ambassador to Senegal Tulinabo S. Mushingi.

This project supports the U.S. government's Power Africa and Prosper Africa Initiatives. U.S. businesses interested in submitting proposals for the USTDA-funded feasibility study should visit

USTDA has supported 17 activities with Senegal since 1992. Most recently, USTDA awarded a training grant to Senegal's national utility in support of a project that will help bring power to 440,000 people in rural communities using American-made technology. USTDA also recently awarded a grant to Senegal's sovereign wealth fund, Fonds Souverain d'Investissements Stratégiques, in support of Senegal's first major domestic gas pipeline.

The U.S. Trade and Development Agency helps companies create U.S. jobs through the export of U.S. goods and services for priority development projects in emerging economies. USTDA links U.S. businesses to export opportunities by funding project preparation and partnership building activities that develop sustainable infrastructure and foster economic growth in partner countries.

DNV is proud to announce its selection as contractor to perform a feasibility study for the Senegal Battery



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Storage for Grid Resiliency Project, a project funded through a grant provided by the U.S. Trade and Development Association (USTDA). The project involves providing owner's engineering support to a subsidiary of Lekela, one of Actis' platform companies, a leading energy investor in growth markets across Africa, Asia, and Latin America and a long-time customer of DNV.

As part of this contract, DNV will assist Lekela in developing the technical specifications for the BESS to ensure a successful technical solution that will provide services on the grid for its useful life, which may exceed 20 years. Additionally, DNV will be involved in Lekela's negotiation of the offtake agreement with SENELEC, which is the first such contract of its type for energy storage in Senegal. The project anticipates that construction of the BESS will begin in 2022.

DNV is proud to be a part of this project which aligns with the United Nations' Sustainable Development Goal #7, which is part of the DNV's global strategy. This goal works toward ensuring access to affordable, reliable, sustainable and modern energy for everyone on the planet.

By participating in the Dakar Rally 2022 with the company GCK Motorsport founded by Guerlain Chicherit, former world champion in freeride skiing and racing driver, Socomec is testing its technologies in extreme conditions and promoting the transition to a zero-carbon Dakar.

Socomec has been developing energy storage solutions since 2009, drawing on its expertise in energy conversion acquired over more than 50 years in the field of inverters.

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