



## East Africa Sodium Ion Energy Storage Project

Swansea University is leading a collaborative initiative known as the StamiNa project to advance Sodium-ion Battery (SIB) technology for electric mobility across the continent. The team aims to deliver environmentally sustainable energy solutions while fostering a locally driven July 24, : Sodium ion battery technology developed by a UK university for sustainable e-mobility applications in East Africa has secured undisclosed investment from the Faraday Institution. The StamiNa (Sustainable Transport and Affordable Mobility through Innovation in Na-ion) project is led The initiative aims to deliver a locally sourced EV battery system that can serve electric mobility markets across East and West Africa Image: Customers try an electric vehicle at Hanlin Africa New Energy Technology Company Limited in Nairobi, Kenya, on 2 May . Source: Xinhua/Li Yahui A UK Project StamiNa, a new electric transportation initiative, is underway in Africa with the backing of a UK university. According to ESI Africa, Swansea University partnered with institutions in Kenya and Nigeria to advance EV battery technology in Africa. Project StamiNa's goal is to develop more A transformative research partnership led by Swansea University in the UK, in collaboration with tertiary institutions in Kenya and Nigeria, has secured major UK government funding to fast-track the development of sodium-ion battery (SIB) technology tailored to Africa's electric vehicle (EV) The StamiNa project, led by Swansea University in collaboration with Coventry University, Batri Ltd, Strathmore University in Kenya, AceOn Group, and the Federal University of Technology Owerri in Nigeria, has been awarded investment from the Faraday Institution. This project is part of five UK's Faraday backs Na-ion battery tech project for Africa July 24, : Sodium ion battery technology developed by a UK university for sustainable e-mobility applications in East Africa has secured undisclosed investment from the Faraday Swansea University Develops Sodium-Ion Batteries for African E This initiative seeks to not only advance battery technology but also to establish a sustainable, African-led energy storage ecosystem, supporting both clean mobility initiatives and broader UK-Kenya-Nigeria varsities team up for EV battery By targeting clean, affordable and locally produced energy storage systems, the project aims to accelerate e-mobility and broader electrification across Sub-Saharan Africa, while contributing to global Demonstrator projects facilitating the deployment Through optimised thermal management, predictive modelling, and real-world validation, the project aims to deliver more durable, safer, and energy-efficient battery systems, addressing key challenges in energy storage Researchers announce continent-wide project to revolutionize EV Project StamiNa's goal is to develop more advanced sodium-ion battery technology for electric transport across the continent. The article said that the goal is to create UK, Kenya, Nigeria Unite in Sodium-Ion Battery Research to A transformative research partnership led by Swansea University in the UK, in collaboration with tertiary institutions in Kenya and Nigeria, has secured major UK government Swansea-led project receives funding to advance sodium-ion Sodium-ion batteries could serve as an alternative to lithium iron phosphate batteries for electric mobility in Sub-Saharan Africa due to easier transportation and fewer CSIR and UK advance Sodium-ion battery tech for South Africa's This initiative aims to explore cost-



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effective, sustainable energy storage solutions tailored to South Africa's unique energy needs and mineral landscape. Sodium-ion batteries have emerged as a

ACE-FUELS Catalyzes Nigeria's Role in STAMiNA: A Global Owerri, Nigeria - The Africa Centre of Excellence in Future Energy & Electrochemical Systems (ACE-FUELS) proudly announces its participation in the STAMiNA Project, a high-impact

Swansea University Innovates Sodium-Ion Batteries for African E The focus on developing a regionally sustainable energy storage ecosystem aligns with clean mobility initiatives and electrification goals. By centering on locally sourced UK's Faraday backs Na-ion battery tech project for Africa

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UK-Kenya-Nigeria varsities team up for EV battery development

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