

## Ghana energy storage for electric vehicles

Ghana energy storage for electric vehicles

Official websites use .govA .gov website belongs to an official government organization in the United States.

Secure .gov websites use HTTPSA lock ( A locked padlock ) or https:// means you've safely connected to the .gov website. Share sensitive information only on official, secure websites.

The country has outlined six decarbonization techniques to be pursued to ensure a smooth transition which it expects to cover over 90% of the targeted reduction by 2060. They are:oElectrification and renewablesoCarbon capture and storageoLow carbon hydrogenoBattery Electric Vehicle technologiesoClean Cooking technologiesoNegative Emission solutions

The current emissions of 28 Mt CO2 is estimated to rise to over 140 Mt in 2050. The bulk of these emissions" growth will come from the transportation sector, driven by population growth, GDP per capita growth, and vehicle emissions.Ghanaian officials expect to use the new plan to engage the international community and investors in supporting the country"s energy transition and sustainable development goals. When fully implemented, Ghanaian officials estimate that it would create almost 400,000 jobs, which will be an important aspect of the country"s industrialization drive given Ghana"s large, youthful population.

Ghana estimates that the cost of this energy transition and investment plan to be \$550 billion. Ghana seeks to attract interested investors who will take advantage of the opportunities in this sector of the economy. There are a few challenges which the country must overcome to achieve this goal. For example, it will require energy officials to integrate intermittent renewable sources like solar and wind into the grid. There must be substantial upgrades to the national grid to accommodate this projected increase in renewable energy generation capacity. The greatest effort, however, will be the ability to attract the needed investment given Ghana's current economic crisis.

oElectrification and renewables decarbonization solutionsoThe deployment of civil nuclear for energy purposes and supporting goods and services to this effort oBattery electric vehicles (BEV) technologies

Renewables including nuclear and expanding BEV use constitute more than seventy-five percent of Ghana's plan to achieve net zero emissions. There is existing U.S. company interest in both sectors already, creating solid opportunities for partnerships in this sector.

International Trade AdministrationU.S. Department of Commerce1401 Constitution Ave NWWashington, DC 20230

TheInternational Trade Administration, U.S. Department of Commerce, manages this global trade site to



## Ghana energy storage for electric vehicles

provide access to ITA information on promoting trade and investment, strengthening the competitiveness of U.S. industry, and ensuring fair trade and compliance with trade laws and agreements. External links to other Internet sites should not be construed as an endorsement of the views or privacy policies contained therein. This site contains PDF documents. APDF readeris available from Adobe Systems Incorporated.

USA.gov|FOIA|Privacy Program|EEO Policy|Disclaimer|Information Quality Guidelines |Accessibility

Head Office (+233) 302 813756/7

Click to Download the Registration Form

Contact us for free full report

Web: https://kary.com.pl/contact-us/ Email: energystorage2000@gmail.com WhatsApp: 8613816583346

