Aga Khan Health Services

Tanzania: Aga Khan Health Service, Tanzania – Dar es Salaam Hospital

A New Era of Green Mobility

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The Aga Khan Health Service, Tanzania (AKHS, T), is committed to reducing carbon emissions and achieving net zero by 2030. Previously, the Aga Khan Hospital Dar es Salaam relied on diesel vehicles to cover daily mobility needs in healthcare delivery. As part of its commitment to net zero carbon emissions and sustainability, the hospital integrated electric vehicles (EVs) into its daily operations. The hospital started utilising three Nissan LEAF electric vehicles in July 2024, and the recent addition of two double cabin (JAC) pickups in 2025 marked a significant shift towards cost-efficient and eco-friendly transportation.



Figure 1: Electric vehicles being charged at the Aga Khan Hospital, Dar es Salaam

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From July to December 2024, The Aga Khan Hospital, Dar es Salaam's first 3 electric vehicles covered 23,391 km, resulting in significant environmental and financial benefits. Within six months, the switch to EVs led to fuel cost savings of approximately USD 3,600 and avoided approximately 8 tCO2e emissions.

Annually, assuming the 3 Nissan LEAF EVs are utilised optimally and each cover 22,000 km/year, they are projected to save in total around USD 10,000 in fuel costs and avoid 23 tCO2e emissions.

Additionally, the 2 JAC electric pickup vehicles, in use since February 2025, are expected to cover around 40,000 km annually, based on the average usage of similar-duty vehicles at the facility. These are projected to reduce emissions by approximately 13 tCO2e emissions and save around USD 12,000 in fuel costs each year.

In total, the five EVs are expected to save approximately USD 22,000 in fuel costs and avoid 36 tCO2e emissions annually.

This initiative supports the adoption of green mobility while ensuring efficient hospital logistics and transportation, reinforcing the hospital's commitment to sustainability, cost efficiency, and the pursuit of net zero goals.

Carbon emissions were calculated using the AKDN carbon management tool.