

Promoting Low-Carbon Electric Public Bus Transport in Mauritius

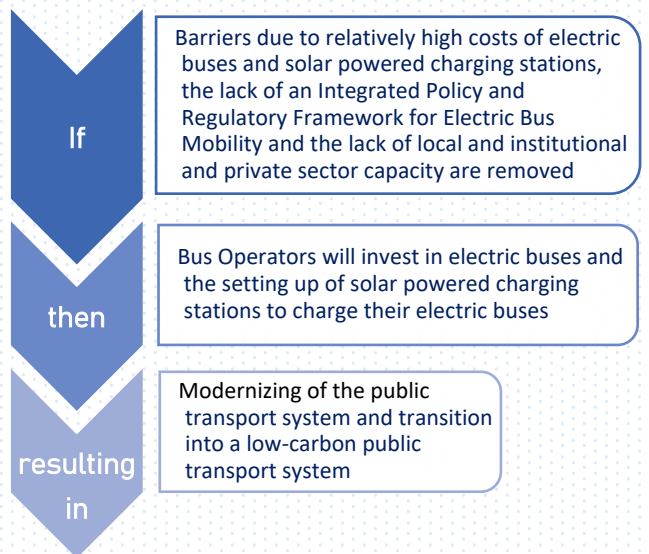


This project will support the introduction of electric buses for public bus transport in Mauritius, supporting the government’s transport energy strategy goal of increasing deployment of electric buses by 2025, reducing fossil fuel consumption, GHG emissions and pollution from transport sector.

The project will also support the government in designing and promulgating conducive policy and regulatory framework for electric bus deployment, associated electric vehicle charging infrastructure and scientific disposal/recycling.

The overarching goal is to support the government in transitioning the country towards a modern, low-carbon, gender-sensitive, inclusive and sustainable public bus transport system to complement other modes of low-carbon transport such as Metro Express.

OUR APPROACH



Budget	2023	\$ 329,600
	Total	\$ 5,650,607
Period	Dec 2022-Dec 2028	

QUICK FACTS



31 May 2023 –
657,075 vehicles
registered with NLTA



In 2019, GHG
emissions from the
transport sector rose
by **2.1 %** compared to
2018.

**Rs
4Bn**

Are lost per from the
country's GDP per
annum due to **traffic
congestion**



A Gender Action Plan
will guide gender
mainstreaming in the
project implementation.



PARTNERS

Implementing Partner:

- Ministry of Land Transport & Light Rail
- Ministry of Finance, Economic Planning and Development
- Agence Française de développement
- National Land Transport Authority
- National Transport Corporation
- Traffic Management and Road Safety
- Metro Express Ltd
- Private Bus Companies – RHT, UBS, MBT, TBS and Mauritius Bus Owners Cooperative Federation Ltd
- Ministry of Energy and Public Utilities
- MESWMCC
- Business Mauritius
- Mauritius Bankers Association Ltd & Commercial Banks
- Ministry of Gender Equality and Family Welfare

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OBJECTIVE

To promote capital investments into developing sustainable transport infrastructure to reduce transport-related GHG emissions in Mauritius to mitigate climate change; engage and build technical capacities of transport-related policymakers, regulatory and other government agencies, financial institutions, and the private sector.



IMPLEMENTATION

This project is nationally implemented by Government of Mauritius in partnership with UNDP.



KEY RESULTS

- An estimated 21,000 direct project beneficiaries (10,500 women + 10,500 men) will each be taking at least 1 passenger-trip per day.
- 15,567 tCO₂-eq of direct transport-related GHG emissions will be reduced due to deployment of public transport electric buses and a limited number of solar powered charging stations.
- 0.75 MW of grid-connected Solar PV capacity will be installed for net metering-based electric bus charging stations.
- At least 60 public transport electric buses will be procured and deployed with support from enhanced capital subsidy scheme and concessional finance.
- At least 15 solar powered electric bus charging stations will be procured and deployed with support from capital subsidy scheme and concessional finance.
- At least 10 targeted campaigns on women's safety and comfort features on public transport buses and Metro Express will be executed.

UNDP IN MAURITIUS

UNDP supports and supplements national efforts aimed at reducing poverty in all its forms, accelerating the transition to sustainable development, and making sure national institutions and communities are able to withstand crises and shocks. We work to make sure the most vulnerable and excluded are not left behind, develop game changing solutions to accelerate sustainable development, and promote low-carbon consumption, and preparedness against climate-related crises and shocks.



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