

E-MOBILITY AND SOLAR WATER HEATING TECHNICAL MEETINGS

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E-mobility activities in Tajikistan: next steps

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- Tajikistan does not have industrial-scale oil and gas reserves
- Tajikistan imports more than a million tons of oil and gas annually, spending a significant amount of its limited foreign exchange reserves
- Fuel prices for cars are the highest in the region, on average 2-3 times higher than in neighboring countries, and almost 10 times higher than the cost of fuel in Turkmenistan
- The share of financial expenses for transport in the consumer basket is the highest in the region
- The need to improve the environmental situation in Dushanbe
- According to data from the Ecology Committee of the Republic of Tajikistan, while emissions in the city previously came mainly from the industrial sector, now 60 percent of emissions into the atmosphere in Dushanbe come from “exhaust gases from cars and motorcycles”

- Tajikistan generates more than 90% of its own electricity from hydro resources
- Currently, Tajikistan only uses 4% of its hydropower potential
- According to the National Development Strategy for 2030, electricity generation is expected to double, mainly due to hydropower resources, and reach 10,000 MW of installed capacity
- A market is needed for the new capacity, including the domestic market – the transport sector, one of the drivers of Tajikistan's economy, is considered one of the main segments for electricity sales
- In Tajikistan, electric vehicles can reduce fuel costs for drivers by 40% to 70%
- Tajikistan has favorable conditions for the development of electric vehicles

Objectives within the framework of strategic documents on the development of electric vehicles in Tajikistan

- formulation of a set of measures to stimulate the development of electric vehicles
- creation of charging and maintenance points for electric vehicles in the Republic of Tajikistan
- creation of favorable conditions for the disposal of electric vehicle batteries
- creating a base for the production of electric vehicles and their components

Country	Date	Number of registered E-vehicles	Total Amount of Cars	% of e-vehicle in total amount of cars
Kazakhstan	1 st of August	20 775	6,629 mln.	0,3%
Kyrgyzstan	1 st of July	3535	1, 200 mln.	0,3%
Tajikistan	1 st of July	34 354	700 000	Almost 5%
Uzbekistan	1 st of July	73 600	4,612 mln.	Almost 2 %

2021	2023	2027	2032	2037
1%	10%	25%	40%	55%

By June 1, 2025, approximately 34,354 electric vehicles (about 5%) of the total number of cars had been registered

- According to the Decree of the President of the Republic of Tajikistan, from 2022, customs and tax duties on the import of electric vehicles will not be levied for a period of 10 years
- Increase in customs clearance costs for vehicles with internal combustion engines
- The ban on car imports until 2015 also affects the import of electric vehicles, as the cost of cars will jump, thereby effectively eliminating one of the main barriers—the significant cost of electric vehicles
- The Dushanbe city administration has decided to replace 500 buses with electric buses by 2028, renewing the entire public transport system of the capital
- Akita Avesto is a joint Tajik-Turkish venture for the assembly of electric buses in Tajikistan with the aim of entering the Central Asian and South Asian markets

- On April 15, 2025, amendments were made to the customs and tax codes of the Republic of Tajikistan to preserve duty-free imports only for electric vehicles less than one year old
- In March 2025, a separate category of electricity consumers was introduced—electric vehicles
- The government is currently considering an amendment to recognize the sale of electricity from electric charging stations as a commodity and to regulate this industry by the Ministry of Energy and Water Resources
- A one-time tax has been introduced for the utilization of cars, including electric vehicles
- With the support of the government, charging stations have been installed within walking distance of places where cars congregate, including in front of train stations, shopping centers, and in the central part of the city
- A regulatory act is being developed to differentiate the sale of electricity for electric charging stations by time of day in order to relieve hourly peaks

- Intention to adapt the standards for electric charging equipment's for Tajikistan
- Develop requirements for obtaining technical specifications for connecting charging stations
- Analyze the development of the distribution network to determine locations for the construction of large charging stations not far from load centers, for a more technically correct installation of charging stations
- A regulatory act is being developed on the exemption from customs duties for the export of old batteries from Tajikistan
- Review the master plan for the development of electricity generation/transmission/distribution, taking into account the dynamics of growth in the use of electric vehicles

- Five-year VAT exemption for companies engaged in the environmentally friendly disposal of electric vehicle batteries
- Provide tax incentives to electric vehicle manufacturing plants, including those producing small electric vehicles
- It is recommended to make appropriate changes to the regulations governing public procurement so that public procurement is exclusively or predominantly in favor of electric vehicles
- Make changes to the SNiP for apartment buildings (regarding the mandatory installation of charging points in basement garages, subject to agreement on the additional load with Disco)
- Make appropriate changes to fire safety regulations, especially for charging stations inside buildings

- Requirements for mandatory passports for electric vehicle batteries must be introduced, containing all data on manufacturers and supply chains for transparency in the event of replacement and import of new batteries
- Require electric vehicle manufacturers and importers to collect, safely transport, recycle, refurbish, or dispose of batteries
- Consider the economic and technical potential of using electric vehicle batteries for solar panel batteries
- Exempt from tolls for Electric cars on the road Dushanbe-Khujand-Uzbekistan border section
- Sell “attractive” car numbers only to electric car owners
- Allow full window tinting only for electric vehicle owners
- Consider the potential of V2H and to V2G for Tajikistan