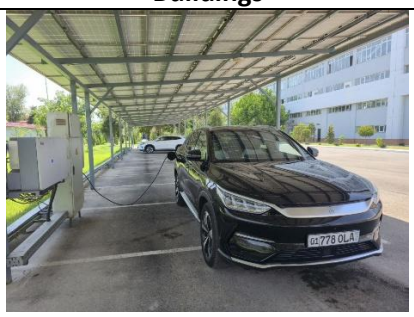
Tashkent State Medical University

 **Rooftop Solar Energy Infrastructure on University Buildings**	 **Solar Carport Supporting Clean Energy Generation**
 **Solar Panel Installation Supporting Renewable Energy Generation**	 **Green Campus Environment and Carbon Absorption Areas**

Description:

Greenhouse Gas Emission Reduction Program (EC.7)

Tashkent State Medical University (TSMU) implements a greenhouse gas emission reduction program through renewable energy deployment, sustainable campus infrastructure, and environmentally responsible transportation initiatives.

As part of its climate action strategy, TSMU has installed rooftop solar photovoltaic systems on campus buildings to generate clean energy and reduce dependence on conventional electricity sources. The university also promotes energy-efficient building operations and continuously improves campus infrastructure to minimize carbon emissions associated with daily activities.

To support sustainable mobility, TSMU provides organized parking facilities and encourages efficient transportation management within the campus. These measures help optimize vehicle movement, reduce unnecessary fuel consumption, and contribute to lowering greenhouse gas emissions.

The university further supports climate change mitigation through the development of green campus spaces, extensive tree planting programs, and environmentally friendly landscape management practices. Green areas surrounding academic and administrative buildings improve air quality, absorb carbon dioxide, and create a healthier campus environment.

Through the integration of renewable energy systems, sustainable transportation management, green infrastructure, and climate action policies, TSMU actively contributes to reducing its environmental footprint and advancing long-term sustainability goals.

Evidence shown in the images:

Related SDGs:

- **SDG 7 – Affordable and Clean Energy**
- **SDG 11 – Sustainable Cities and Communities**
- **SDG 13 – Climate Action**