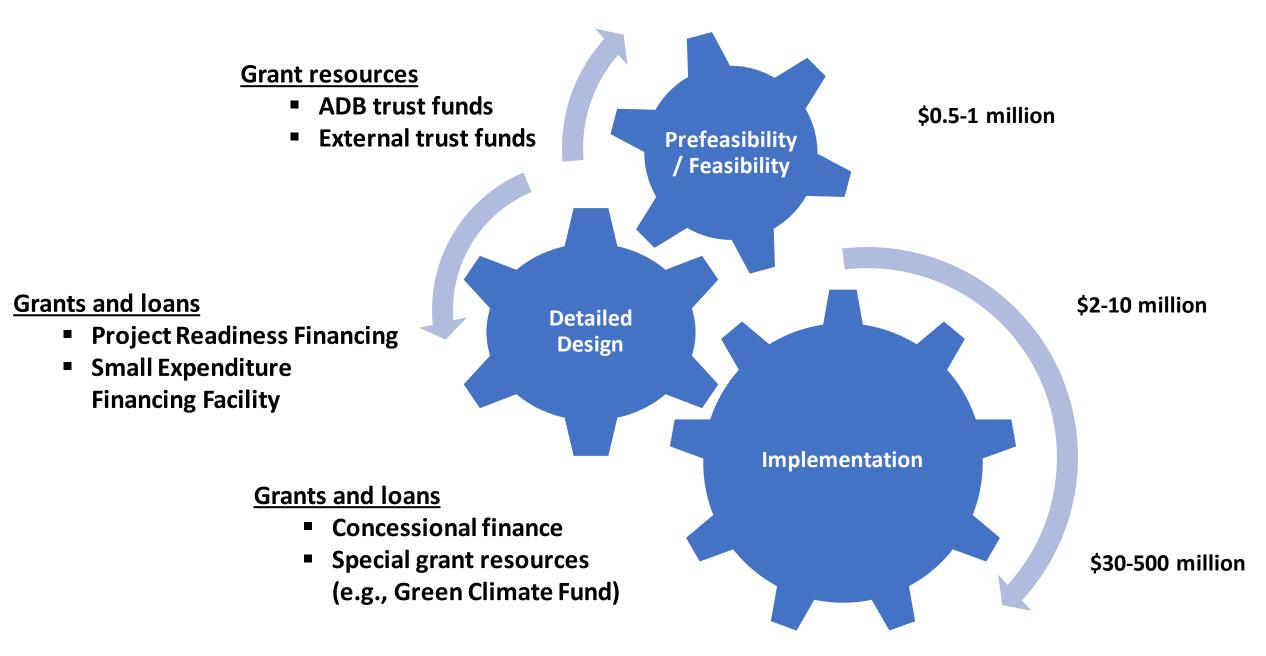


Leveraging resources to transform a city



ADB's approach to integrated urban mobility

Комплексный подход к городскому транспорту



1. Public Transport
Общественный
транспорт



3. Traffic Management Управление движением





4. Parking Management Управление парковкой



ное развитие

Integrated Urban Transformation

Urban transport



Third-generation BRT



Non-motorized transport



Transit-oriented development

Climate resilience



Bioswales



Permeable pavements



Integrated utility relocation

Environmental sustainability



Air and noise quality



Waste management



Ocean cleaning

Social sustainability



Community development



Gender mainstreaming



Universal accessibility





Biogas energy plant



Energy efficiency



Electric feeder vehicles





Community farming



Circular economy water recycling



Compost production





Building restoration



City center revitalization



Tourism promotion



www.greenclimate.fund

ADB E-Mobility Program

Collaboration between ADB and GCF

Armenia, Georgia, Indonesia, Kazakhstan, Kyrgyzstan, Nepal, Uzbekistan

GCF total funding:

\$170 million

- ☐ \$65 million grant
- □ \$105 million concessional loan

Eligible areas for GCF funding

1. Climate resilience (bioswales, sun canopies)
Grant

Infrastructure (busways, cycle ways)Grant and loan

3. Electric bus fleet and charging Loan

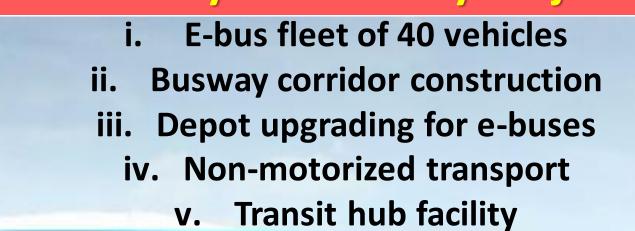
4. Technical assistance (planning and design)

Grant













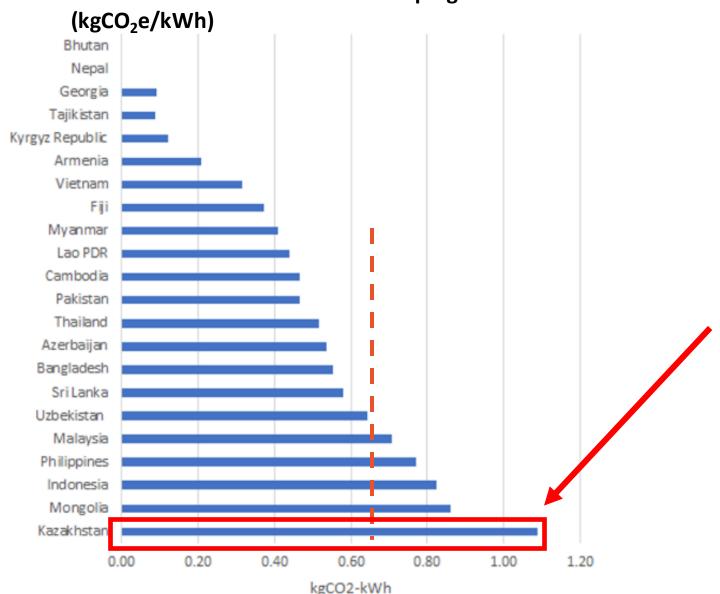
Depot upgrades in Almaty to:

- **☐** Modernize facilities
- ☐ Add charging equipment.



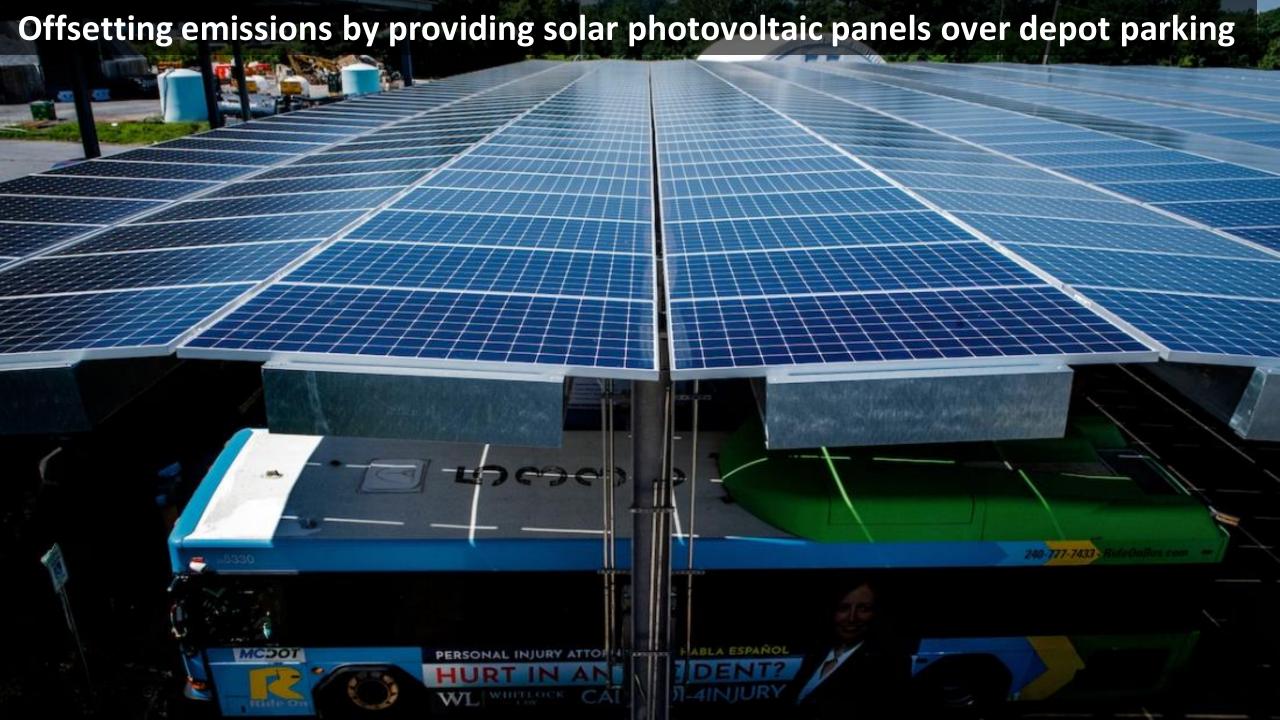
e-Mobility and greenhouse gas emissions

Grid Factor of selected ADB developing member countries in 2019

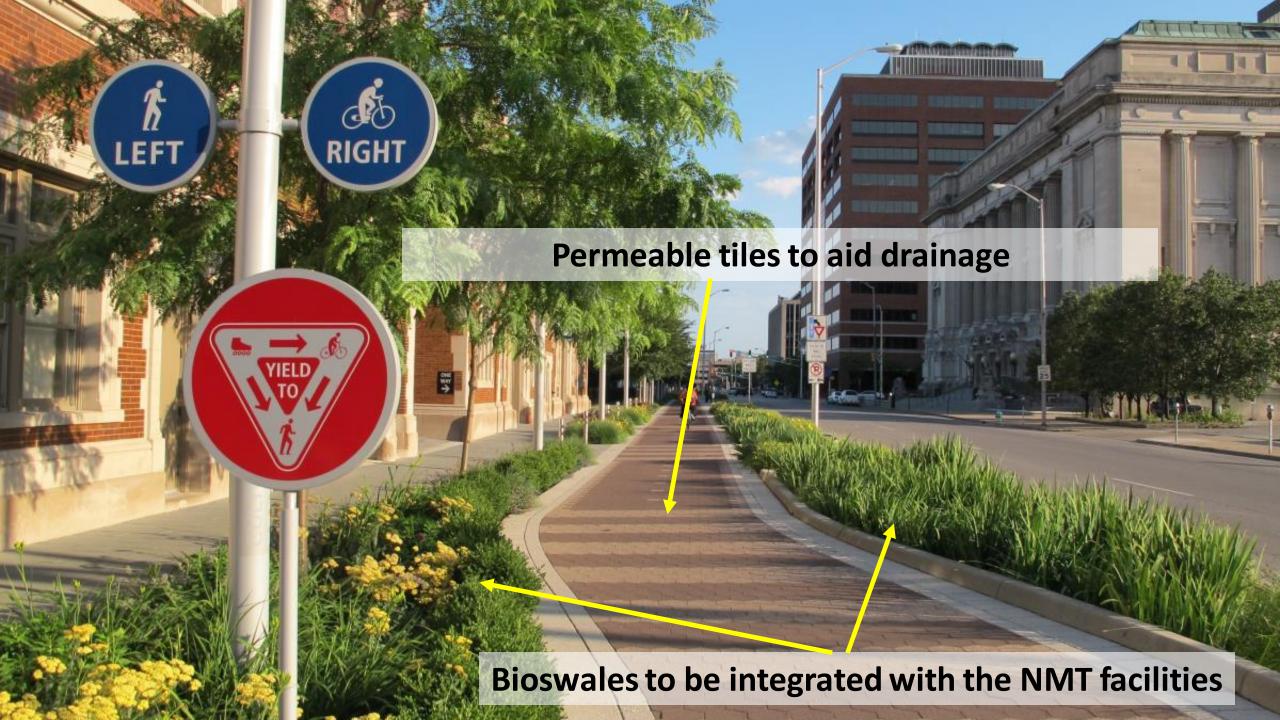


The high carbon intensity of power generation from the Kazakhstan grid means that e-vehicles will increase greenhouse gas emissions without offsetting measures.











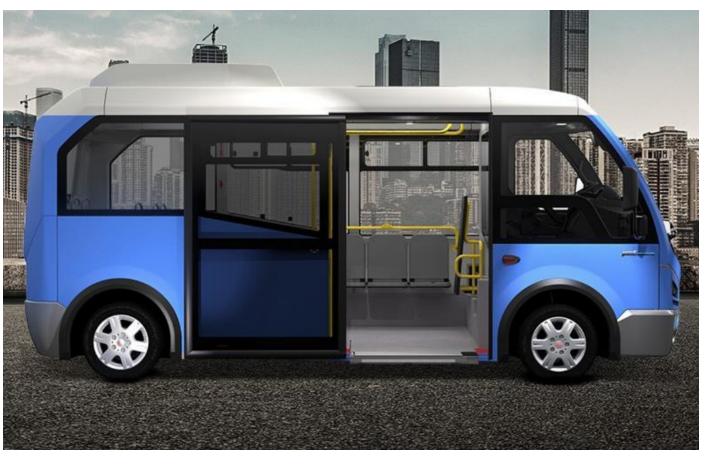
ADB's investment to Bishkek, Kyrgyzstan

- Fleet of 120 electric buses
- Retrofitting depots for electric buses
- 3.5-km green corridor development



C. Dushanbe EcoMobility Project

Transforming van services with electric minibuses





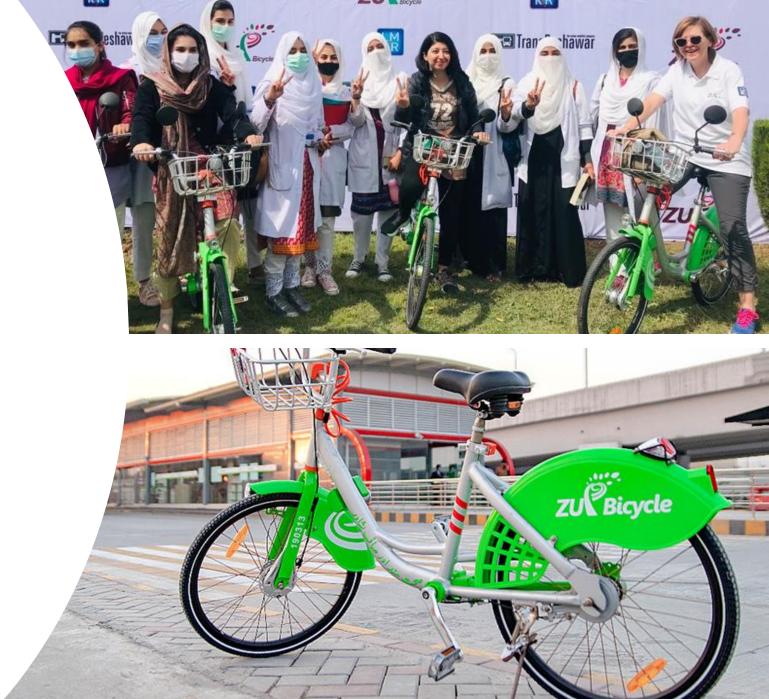
5.8-meter minibus, Karsen (Turkey)

Electric three-wheelers for last-kilometer connectivity



Micromobility for the last kilometer

Peshawar: Pakistan's first bicycle sharing system



TransPeshawar

TransPeshawar





Public transport corridor: Additional revenues

- 1. Mobile antenna space on street lighting
- 2. Fiber optic conduits along corridor



