

O‘ ZBEKISTON RESPUBLIKASI TRANSPORT VAZIRLIGI

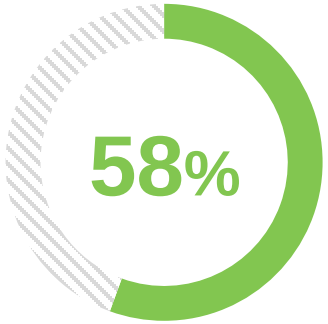
gef

UNDP

Tashkent - Accelerating Investments in Low Emission Vehicles (TAILEV)

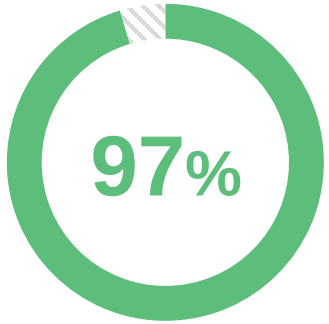
Ministry of Transport – UNDP Uzbekistan Joint Project

Development of the project idea



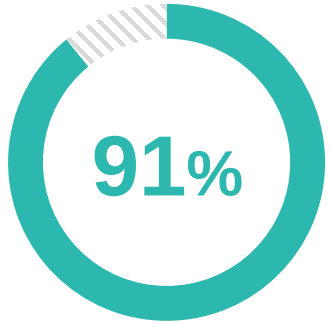
The share of emissions from the transport sector

In Uzbekistan 1.3 million tons of harmful emissions into the atmosphere come from transport sector (2021)



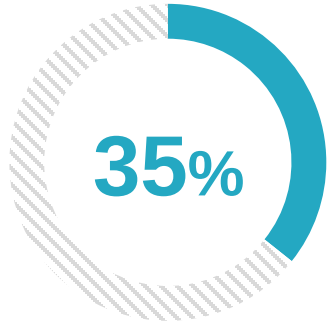
Emissions in Tashkent

In the city of Tashkent, 397 thousand tons comes from motor vehicles (2021)



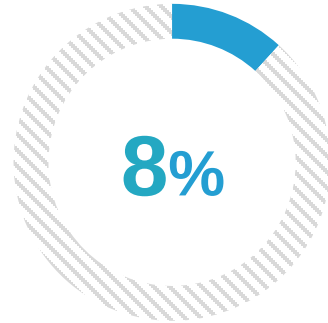
GHG from transport

Direct greenhouse gas emissions (GHG) in the Uzbekistan transport sector is 8.5 mln tonns (2018)



Decreasing GHG emission

Goal of decreasing in specific GHG emissions per unit of gross domestic product by 35% from the 2010 level.



Increasing level of vehicles

The average number of newly registered vehicles in the country in last 10 years is 200 000

Outputs and outcomes of the project

Outcome 1

The Government establishes an institutional framework and adopts a strategy for the promotion of gender inclusive low-carbon electric mobility and Green Urban Transport Corridors (GUTC)

01

Outcome 2

Pilots in Tashkent provide evidence of technical, financial and environmental sustainability to plan for scale-up of low-carbon e-mobility and GUTCs

02

Outcome 3

Conditions are created to shift market towards low carbon e-mobility and accelerate adoption of e-vehicles and GUTCs

03

Outcome 4

Measures are developed to ensure the long-term environmental sustainability of e-vehicles and GUTCs

04

The budget of the project

Global Environment Facility (GEF)

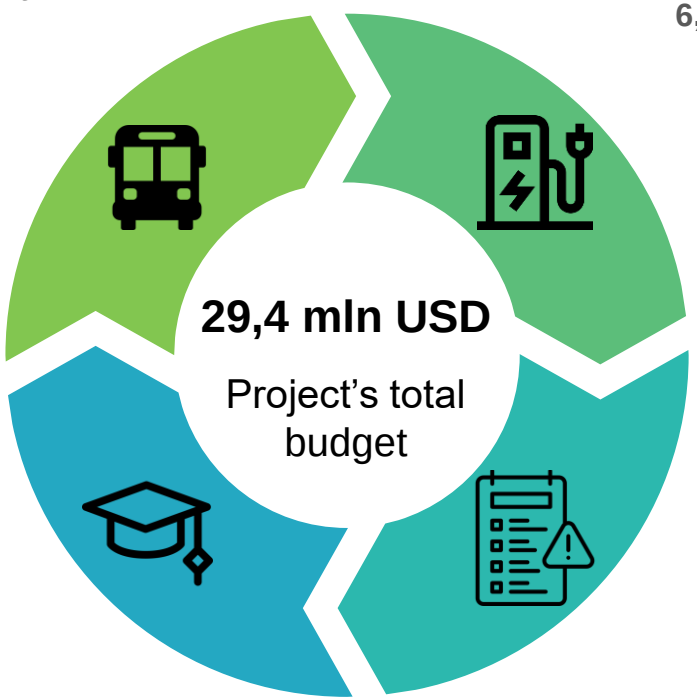
3,5 mln USD grant funds

Ministry of Transport

7 mln USD for e-bus procurement

Tashkent Bus company “Toshshaxartansxizmat” JST

6,6 mln USD for e-bus procurement



Ministry of Ecology

300 000 USD for assistance and guidance on the design of an ambient air quality programme

UNDP

0,3 mln USD

ToshkentboshplanLITI

70 000 USD

Turin Polytechnic University

300 000 USD

Uzhydromet

450 000 USD for Assistance to determine the best course of action for calculating air quality

JV UzTruck and Bus Motors

500 000 USD

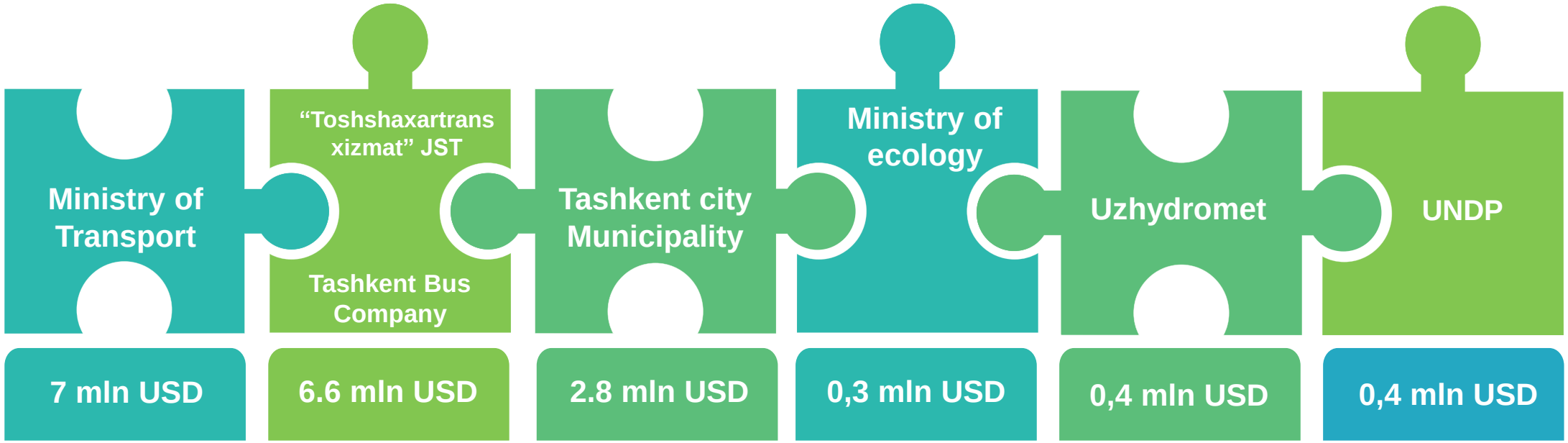
JSC Uzavtosanoat

300 000 USD

International Solar Energy Institute

300 000 USD

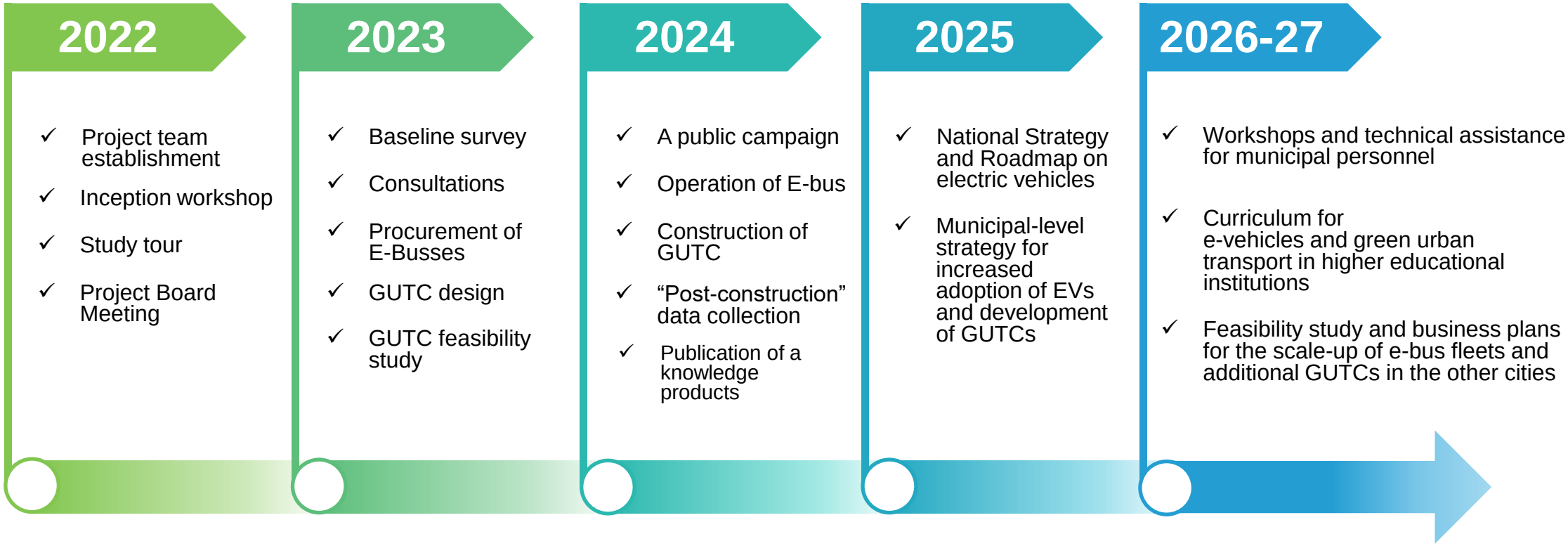
Stakeholder Engagement Plan



Ministry of Transport	“Toshshaxartrans xizmat” JST / Tashkent Bus Company	Tashkent city Municipality	Ministry of ecology	Uzhydromet	UNDP
7 mln USD	6.6 mln USD	2.8 mln USD	0,3 mln USD	0,4 mln USD	0,4 mln USD
The implementing partner of the project	The responsible partner of the project, procurement and operation public bus transport	The lead agency for the planning, engineering, construction and maintenance of GUTC infrastructure	Assistance and guidance on the design of an ambient air quality programme	Assistance to determine the best course of action for calculating air quality	Oversight and monitoring of the project

Total 13 stakeholders, with 25,5 mln USD co-financing

Action plan for the implementation of tasks



Gender Action Plan

Project indicators

Indicator 1:

3000 - 6000

direct project beneficiaries disaggregated by gender (number of passengers using new Shota Rustaveli GUTC e-bus route per day)

Indicator 2:

60,000-68,000

consequential project beneficiaries disaggregated by gender (individual people)

Indicator 3:

9,590-20,700

Emission reductions, cumulative lifetime direct (tonnes of CO2eq)

Indicator 4:

5%-10%

Cumulative direct reduction of pollutant load (for CO, NOx and NH) along GUTC corridor (% reduction)

Indicator 5:

1-5

Number of adopted gender inclusive national and municipal level strategies and plans that increase the uptake of EVs and development of GUTCs

Indicator 6:

3

Number of adopted gender inclusive national policies and regulations to support growth and increased use of EVs and the development of GUTCs

Indicator 7:

1

Number of completed feasibility studies for pilot GUTC and e-bus fleet

Indicator 8:

7.5-16.6 km

Kilometers of pilot GUTC corridor developed

Indicator 9:

10-30

Number of e-buses in operation along pilot GUTCs with gender-inclusive features such as at least 1 or 2 female drivers for e-bus.

Indicator 10:

2

Number of developed gender-inclusive guidelines and regulatory documents for Tashkent City on EV fleets and GUTC developments

Indicator 11:

50-100

Number of students (% female students) enrolled and graduated on courses for e-vehicles and green urban development

Indicator 12:

2

Number of joint actions proposed by municipalities (with targets and dates) on improving urban environmental quality

Indicator 13:

1

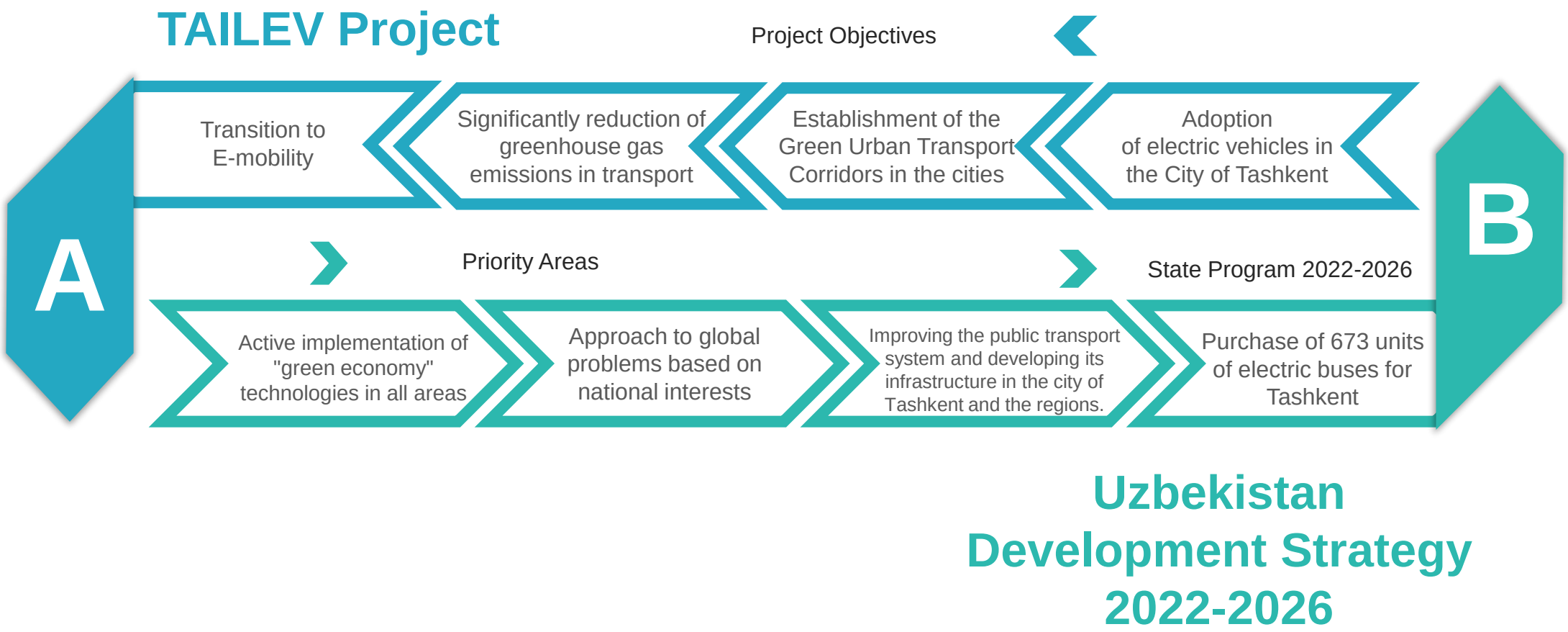
Number of adopted guidelines for re-use and recycling of downgraded EV batteries

Indicator 14:

1

Number of reports on best practices and lessons learned from the Uzbekistan project that is shared with the global programme

The linkage between this project and the seven priority areas of Uzbekistan Development Strategy





The procurement and delivery of 300 e-Busses to Tashkent

Total amount of the contract is **88 mln USD**

Progress

Project contribution

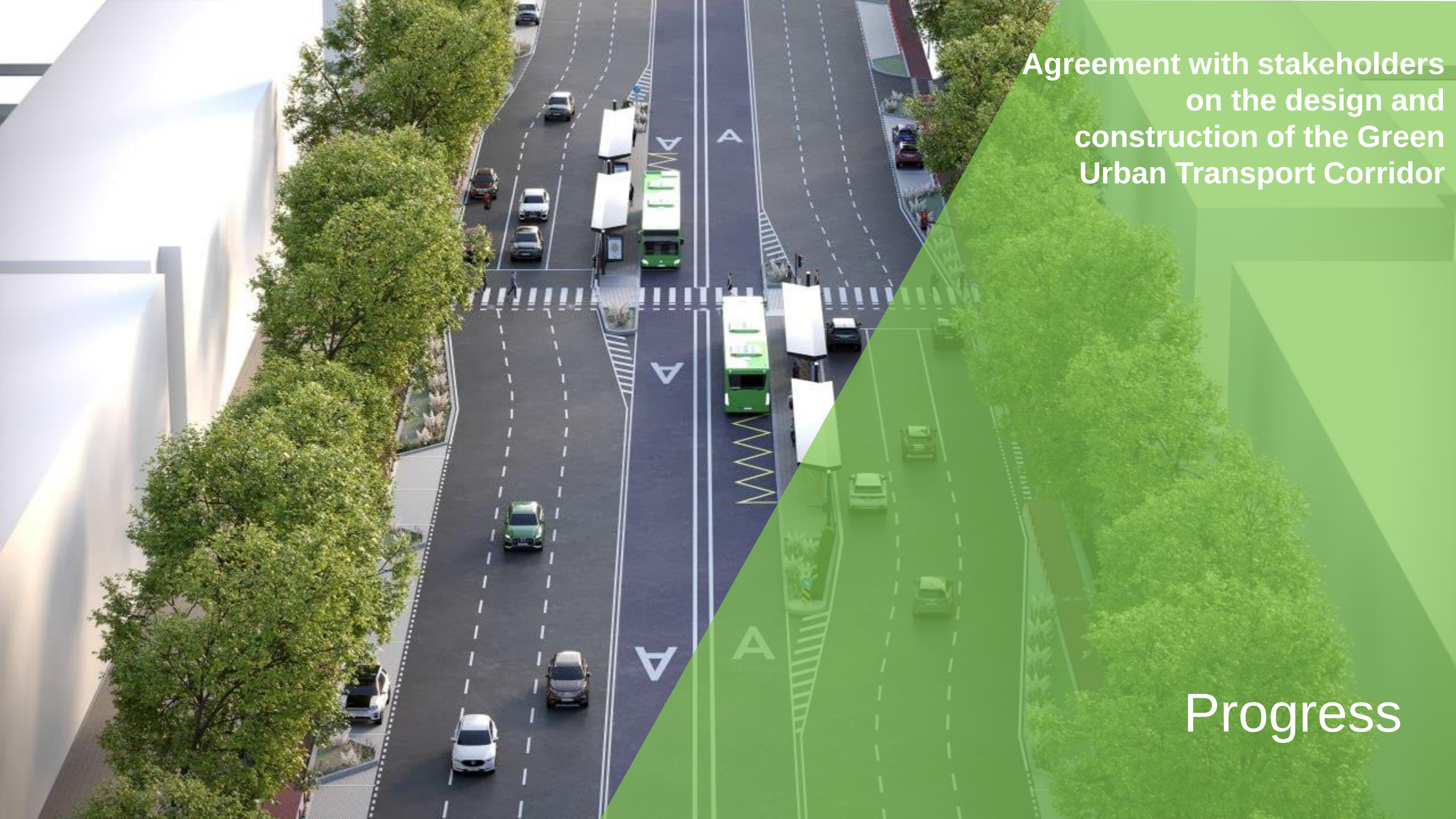












Agreement with stakeholders on the design and construction of the Green Urban Transport Corridor

Progress

Green Urban Transport Corridors

Overall 13 public transport corridors in Tashkent

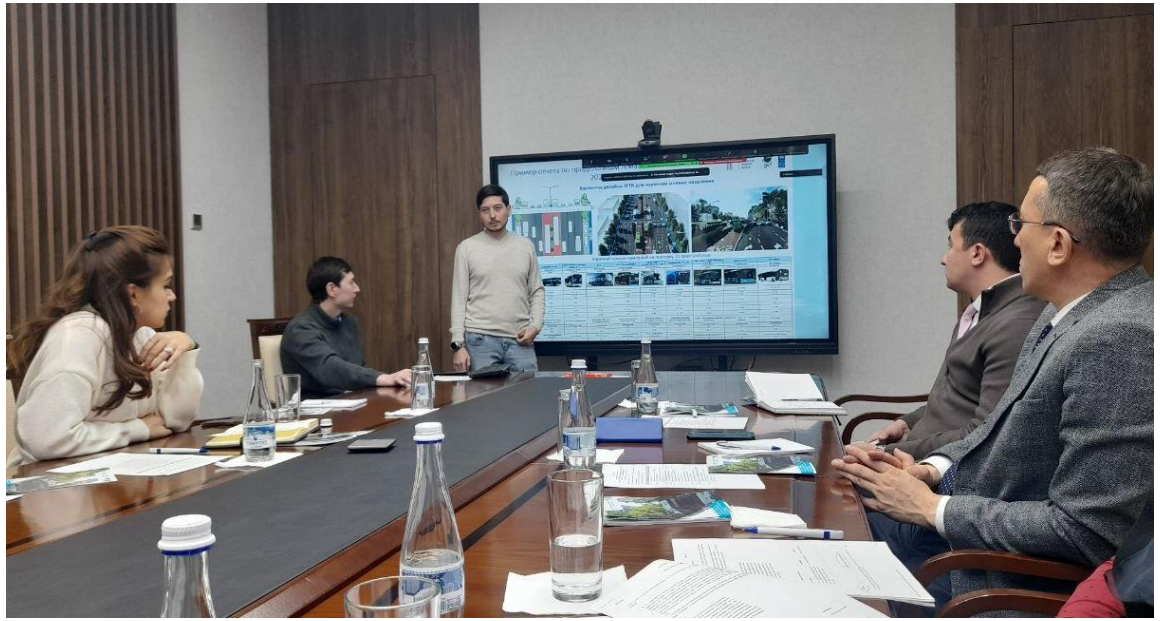
Best international practices

The project covers Shota Rustaveli street in Tashkent

Dedicated bus lanes



Project contribution







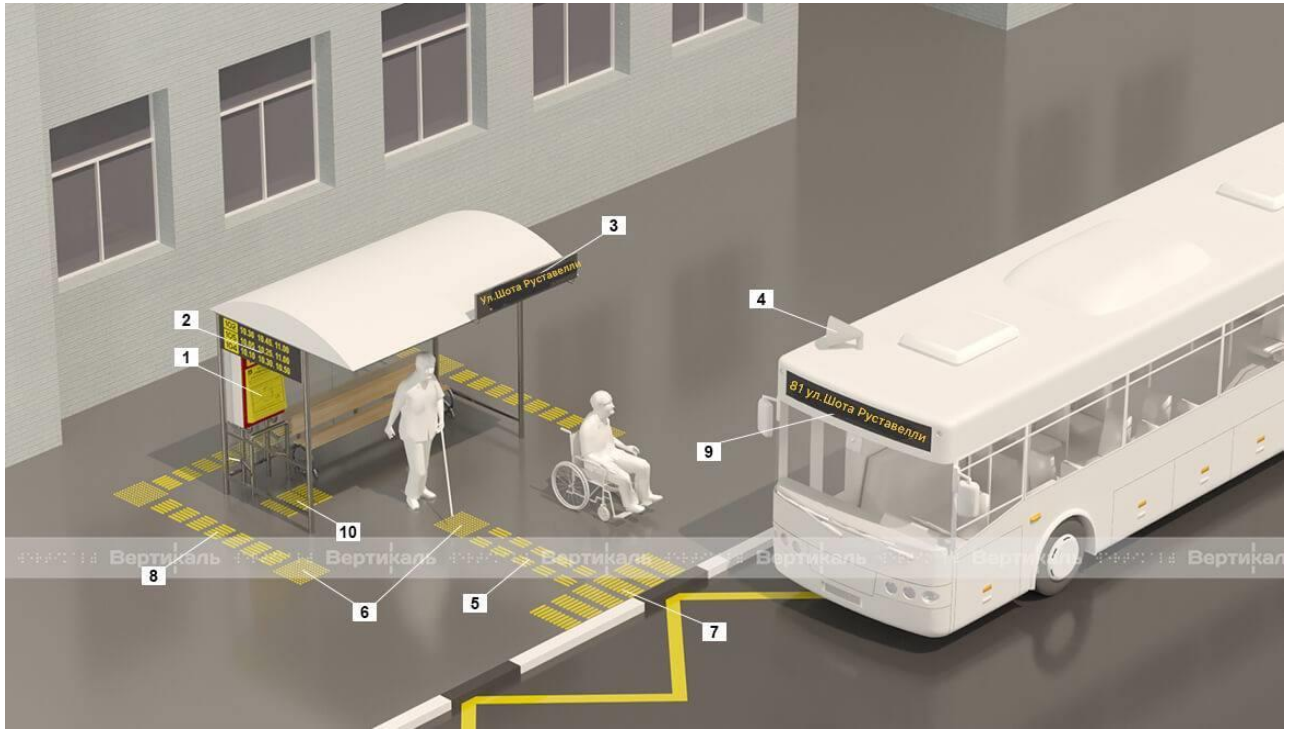


Increasing the safeness of the public transport infrastructure

Current situation



Developed recommendations



Improved public transport along the Shota Rustaveli GUTC with a special focus on the health and economic benefits of electric transportation to vulnerable sectors of the urban populations of Uzbek cities

CONSULTATIONS WITH PROJECT BENIFICIARIES



CONDUCTED SURVEYS

A total of **610** potential project beneficiaries were interviewed.

CONSULTATIONS

with **203** business representatives

OFFICIAL MEETINGS

Over **400** proposals and recommendations from the beneficiaries for designing GUTC


THANK YOU