

# Transforming Cities of Pakistan with Bus Rapid Transit



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**ADB**

**PR8: ADB Transport Sector Assistance Highlights**  
**ADB Transport Forum; 15 May 2024**

# ADB's approach to integrated urban mobility



**1. Public Transport**



**2. Non-Motorized Transport**



**3. Traffic Management**



**4. Parking Management**



**5. Institutional Development**

# Integrated Urban Transformation

**Urban transport**



**Third-generation BRT**

**Climate resilience**



**Bioswales**

**Environmental sustainability**



**Air and noise quality**

**Social sustainability**



**Community development**

**Energy**



**Biogas energy plant**

**Urban agriculture**



**Community farming**

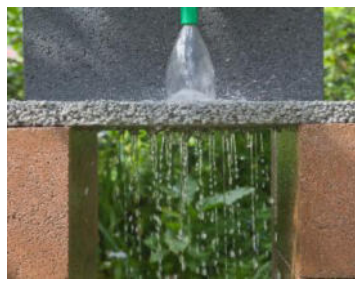
**Historical restoration**



**Building restoration**



**Non-motorized transport**



**Permeable pavements**



**Waste management**



**Gender mainstreaming**



**Energy efficiency**



**Circular economy water recycling**



**City center revitalization**



**Transit-oriented development**



**Integrated utility relocation**



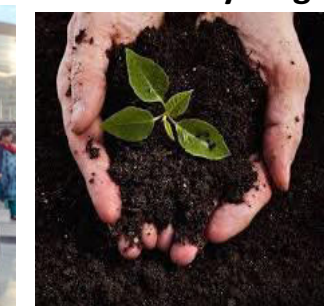
**Ocean cleaning**



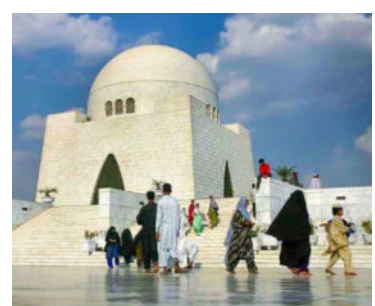
**Universal accessibility**



**Electric feeder vehicles**



**Compost production**



**Tourism promotion**

# 1. Peshawar BRT Project



**TransPeshawar**  
An urban mobility company

## BUS RAPID TRANSIT PESHAWAR THE JOURNEY OF CONVENIENCE, COMFORT & RELIABILITY

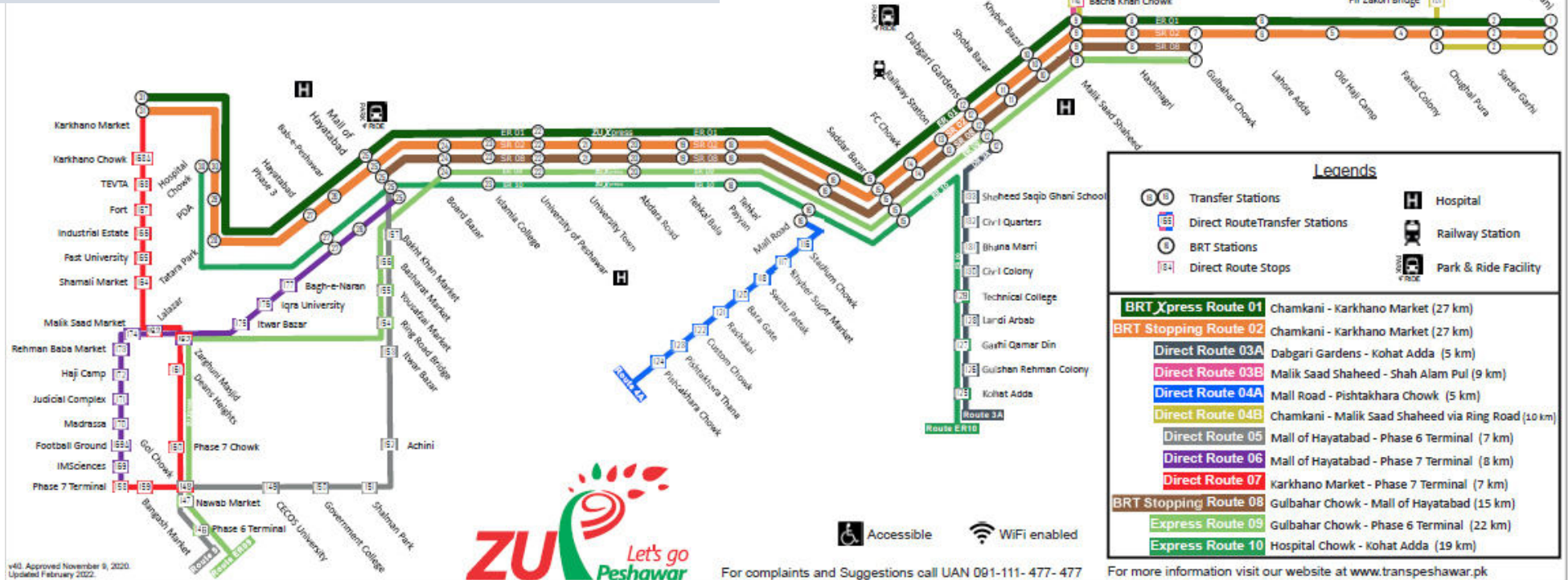




# ZU PESHAWAR NETWORK MAP



- ✓ \$587 million investment
- ✓ 320,000 passenger trips per day
- ✓ 27 kilometers of busway
- ✓ 80 kilometers of direct and feeder services





# Global recognition



## mobilize

Peshawar:  
Road to the Region's First  
Gold Standard BRT



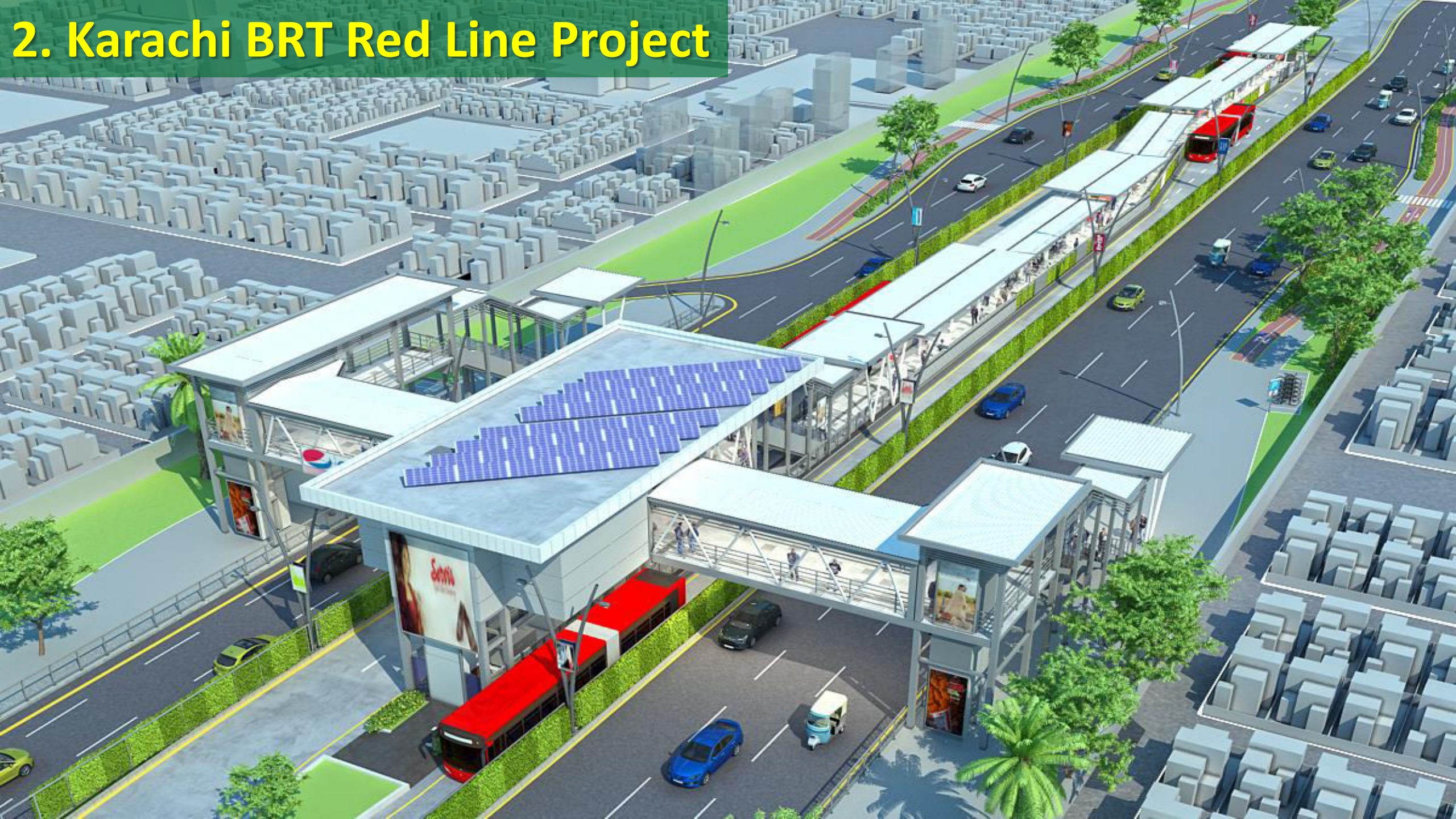
WORLD  
RESOURCES | ROSS  
INSTITUTE | CENTER  
**PRIZE  
FOR  
CITIES**

2021-2022 FINALIST

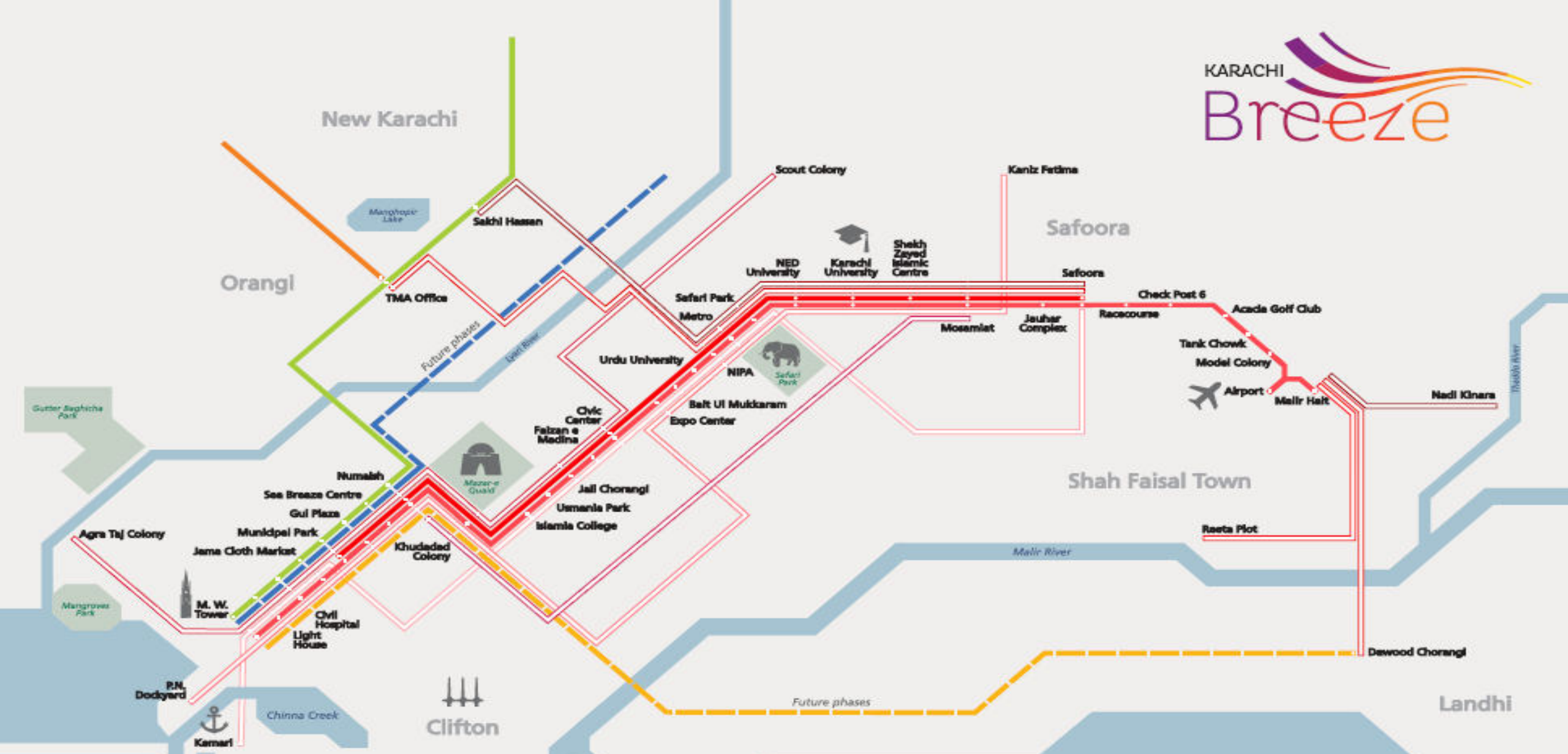
# Zu Peshawar

*"Unlocking life-changing opportunities"*

## 2. Karachi BRT Red Line Project







**USD 503.2 million total investment**

**Co-financed by: ADB, AFD, AIIB, GCF**

## Behn's Colony Karachi:

- ❑ One million cattle raised in dense urban area
- ❑ Manure waste flow directly onto the streets



**Cattle waste and other waste streams have made Karachi Bay biologically dead**

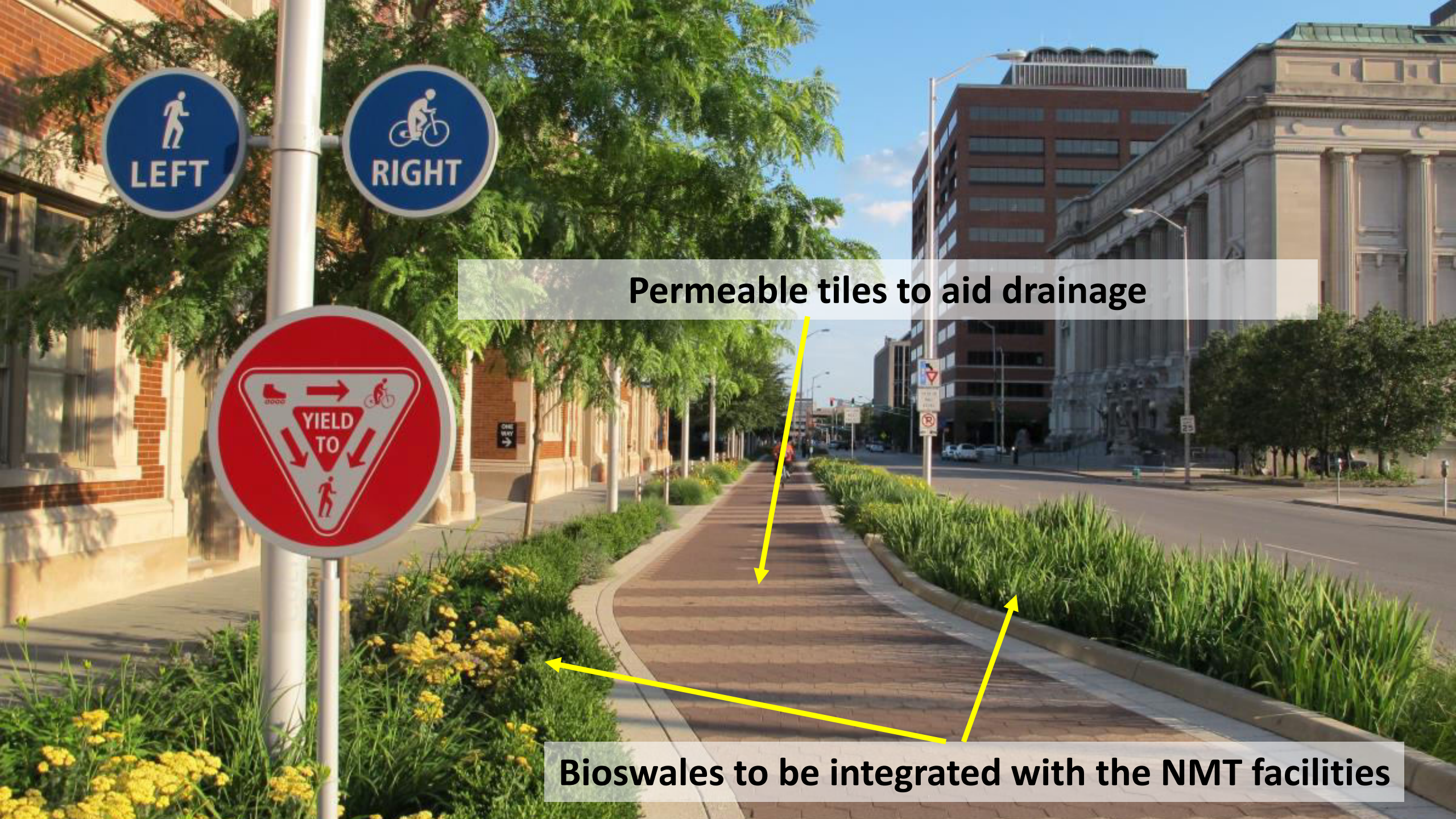


This city in Pakistan has an  
**innovative** new way of  
**powering its buses**





**Karachi, August  
2022**



**Permeable tiles to aid drainage**

**Bioswales to be integrated with the NMT facilities**

# Lane Strips for drainage



Example: Eugene, USA

# *City transformations with urban mobility*



Thank you

