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ADB

Asian Development Bank Opportunities

Transport Sector Support

October 2021

Pamela Chiang, Senior Transport Specialist, ADB

BUSINESS
OPPORTUNITIES

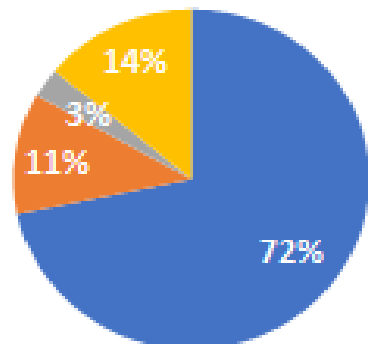
Transport

ADB assists member countries in developing Asia to building transport infrastructure and services which contribute towards low-carbon, safe, accessible, and affordable transport systems.

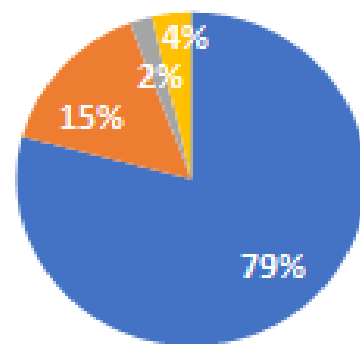


Transport Sector Portfolio

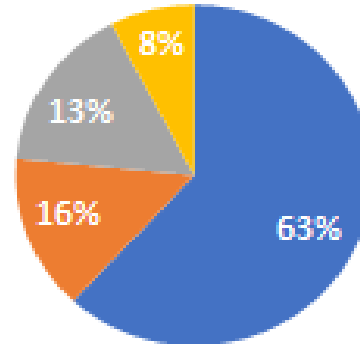
1990s
Average: \$880 million/year
16% ADB total



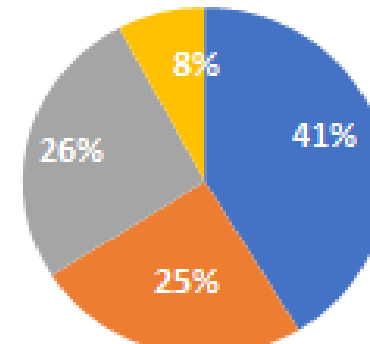
2000s
Average: \$2 billion/year
26% ADB total



2010s
Average: \$4.5 billion/year
28% ADB total



2020–2023
Average: \$4.9 billion/year
21% ADB total



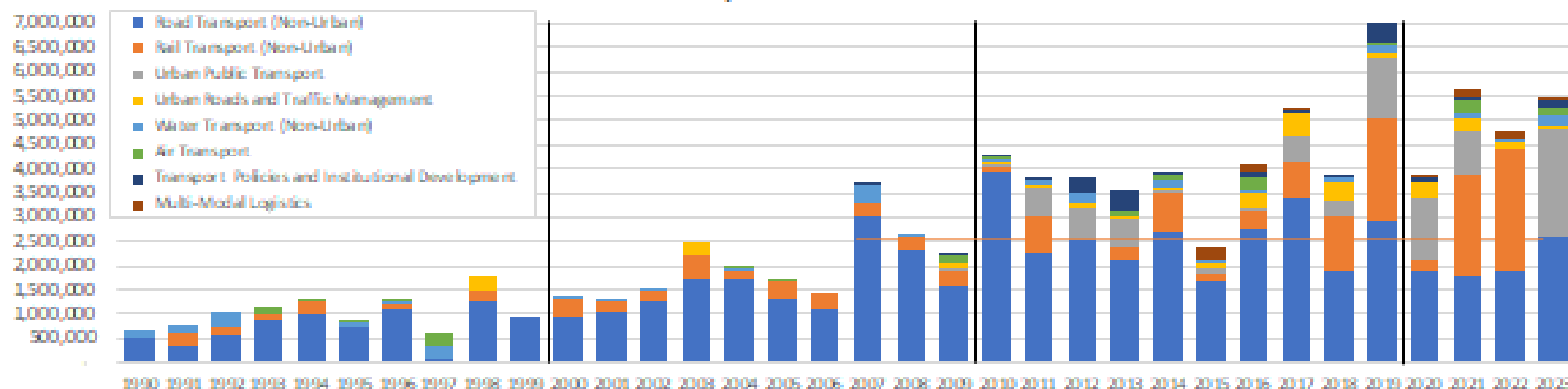
■ Road Transport (Non-Urban)

■ Rail Transport (Non-Urban)

■ Urban

■ Other

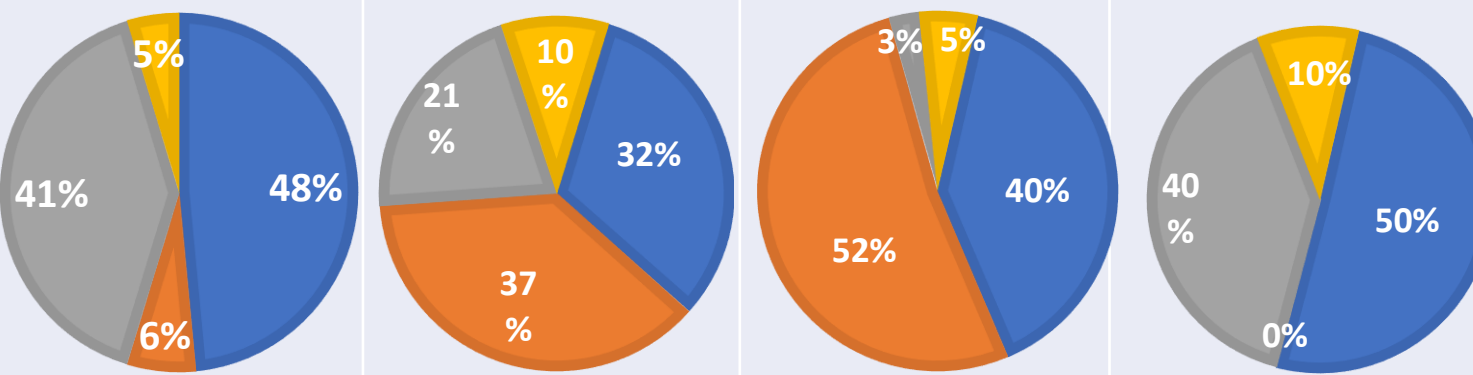
By Subsector, 1990–2023



Source: ADB, WPBF 2020–2023



Transport Project Pipeline

	2020	2021	2022	2023																									
Number of TRA Projects	28	29	26	29																									
Lending amount	\$3,898M (13%)	\$5,619M (24%)	\$4,791M (24%)	\$5,433M (26%)																									
Total Lending	\$31,027M	\$23,330M	\$20,327M	\$21,029M																									
Sub-sector breakdown	 <table border="1"> <caption>Sub-sector Breakdown Data</caption> <thead> <tr> <th>Year</th> <th>Road Transport (Non-Urban)</th> <th>Rail Transport (Non-Urban)</th> <th>Total Urban</th> <th>Total Others</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>48%</td> <td>6%</td> <td>41%</td> <td>5%</td> </tr> <tr> <td>2021</td> <td>32%</td> <td>37%</td> <td>21%</td> <td>10%</td> </tr> <tr> <td>2022</td> <td>40%</td> <td>52%</td> <td>3%</td> <td>5%</td> </tr> <tr> <td>2023</td> <td>50%</td> <td>0%</td> <td>40%</td> <td>10%</td> </tr> </tbody> </table>				Year	Road Transport (Non-Urban)	Rail Transport (Non-Urban)	Total Urban	Total Others	2020	48%	6%	41%	5%	2021	32%	37%	21%	10%	2022	40%	52%	3%	5%	2023	50%	0%	40%	10%
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Source: WPBF 2020-2023

INTERNAL. This information is accessible to ADB Management and staff. It may be shared outside ADB with appropriate permission.



ADB Strategy 2030 – Operational Priorities

ADB will focus on seven operational priorities:



Addressing remaining poverty and reducing inequalities

human development and social inclusion, quality jobs, education and training, better health, social protection



Accelerating progress in gender equality

scaled-up support for gender equality; women's economic empowerment; gender equality in human development, decision-making, and leadership; reducing time poverty for women; strengthening women's resilience to shocks



Tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability

low greenhouse gas emissions development, approach to building climate and disaster resilience, environmental sustainability, water–food–energy security nexus



Making cities more livable

integrated solutions, funding for cities, inclusive and participatory urban planning, climate resilience and disaster management



Promoting rural development and food security

market connectivity and agricultural value chain linkages, agricultural productivity and food security, food safety



Strengthening governance and institutional capacity

public management reforms and financial sustainability, service delivery, capacity and standards



Fostering regional cooperation and integration

connectivity and competitiveness, regional public goods, cooperation in finance sector, subregional initiatives

Transport contributes to all OPs in Strategy 2030

HOW WILL ADB ADD VALUE?

ADB will add value through

FINANCE

Providing own financing while also mobilizing funds from other sources

KNOWLEDGE

Focusing on practical value that fits local conditions, identify lessons, and replicate good practices

PARTNERSHIPS

Promoting dialogue and collaboration among diverse partners and stakeholders

WHAT PRINCIPLES WILL GUIDE ADB'S OPERATIONS?

USING COUNTRY-FOCUSED APPROACH

Provide customized solutions to each developing member country's (DMC's) specific development needs and challenges

PROMOTING THE USE OF INNOVATIVE TECHNOLOGY

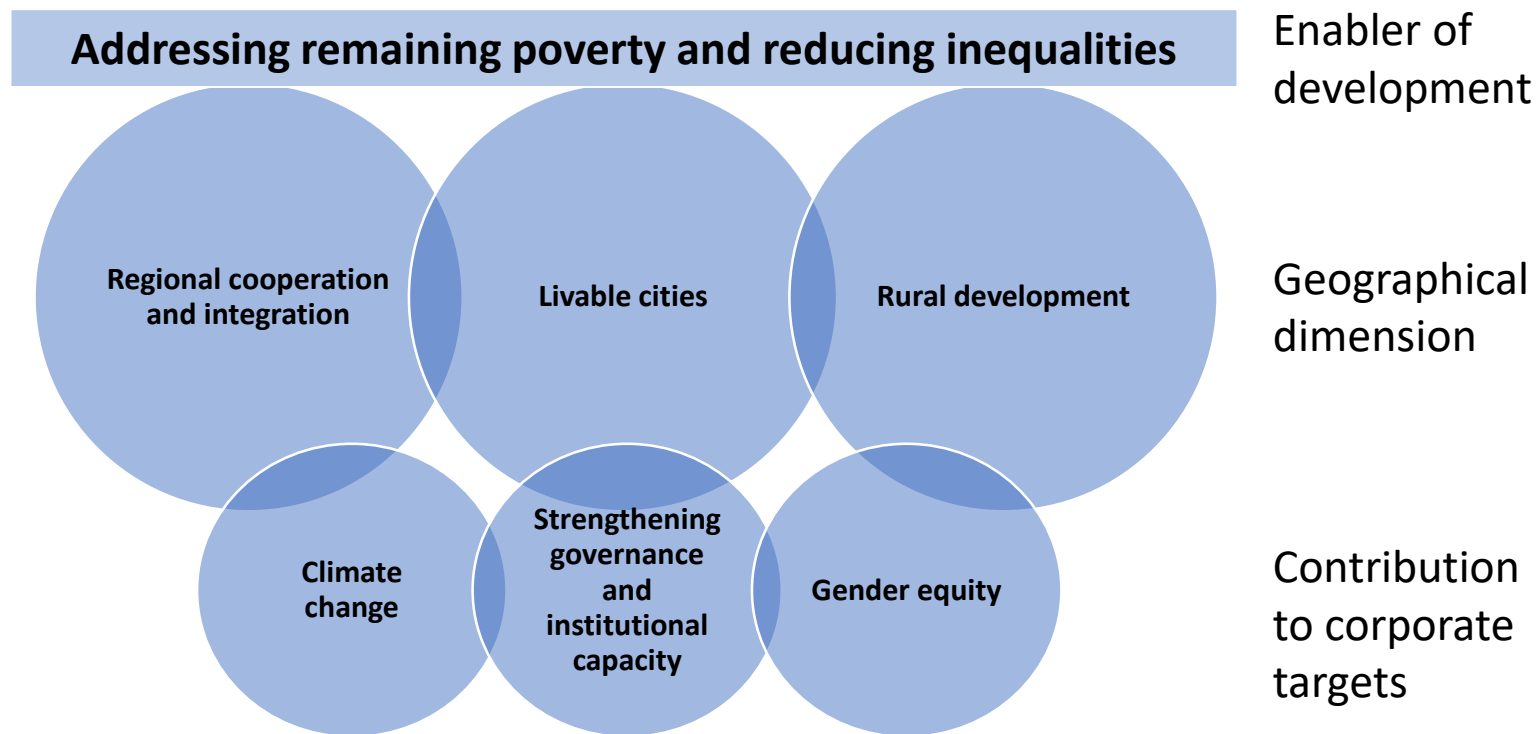
Proactively seek ways to use advanced technologies across operations and provide capacity building support to DMCs

DELIVERING INTEGRATED SOLUTIONS

Combine expertise across a range of sectors and themes, and through a mix of public and private sector operations

Transport Sector Group Overview

Transport is an enabler of development
with direct links to Strategy 2030 Operational Priorities



“Underdeveloped transportation networks restrict the flow of people, goods and service. Rehabilitation and better management and maintenance of infrastructure assets are essential.” (ADB, Strategy 2030)

Transport Sector Strategy for Central and West Asia Region

- Focus on CAREC Program – Central Asia Regional Economic Cooperation Program
- Rehabilitation of roads and railway network to enhance regional connectivity
- Development of economic corridors
- Development of border infrastructure to enable efficiency in trade
- Road maintenance and road safety
- Some support for urban transport infrastructure and system improvements



Transport Assistance in South Asia Region

Mass transit / Urban Transport

- Bangalore Metro (urban transport / mass transit)
- Chennai Metro (urban transport / mass transit)
- Dhaka Metro (urban transport / mass transit)
- Delhi – Meerut Rapid Transit System:
- Karachi mass transit system

Rail

- SASEC Tongi Akhaura dual gauge project
- SASEC Laksam Chattogram
- SASEC Chittagong-Cox Bazar

Types of assistance

- Project preparation, planning and design
- Civil works, electrical and mechanical, rolling stock
- Environmental and social protection
- System improvements



Transport Assistance in Southeast Asia Region

Regional Cooperation

- Deepen GMS corridor connectivity and developing multi-model transport projects (CAM)
- Improve the ongoing portfolio implementation and continue support to enhancing GMS connectivity and climate change resilient infrastructure (VIE)

Urban transport

- Address continuing challenges in congestion and pollution (PHI)
- Continue dialogue with the Government for possible lending operations for mass rapid transit development, including PPP opportunities (THA)

Road and Rail

- Improving the national highway network, railway and building institutional capacity (PHI)

Multi-sectors

- Continue dialogue with the Government for possible lending operations for transport projects in various sub-sectors (INO)



Transport Assistance in the Pacific Region

Roads

- Development and improvement of arterial, provincial roads, and rural roads and bridges (PNG, FIJ, KIR, SOL, VAN)

Maritime

- Enhancing climate and disaster resilience of international ports, domestic ports, harbors and jetties, shipping, green and smart ports concepts (PNG, SAM, NAU, SOL, TUV, VAN)

Aviation

- Improving connectivity through domestic aviation (PNG)



Transport Assistance in East Asia

People's Republic of China

- Promote inclusive growth and environmental sustainability
- Support public transport, low carbon modes and energy efficient technology

Mongolia

- Enhance connectivity for regional trade development
- Connect rural population to markets and public services
- Provide an efficient and affordable urban transport system



Continued partnership with Government of Austria

- €500,000 grant from the government of Austria to support rail asset management – capacity development and country specific implementation support
- A series of training events on railway asset management and innovations, in various countries in 2018-2020 (Malaysia, Philippines, India,
- Country specific capacity development and implementation support in AZE (2020-2021).
- Building on the success, additional grant resource are being provided



Key messages

- Sub-sector focus:
 - Roads still important (Regional connectivity, Asset Management, Road Safety)
 - Rail (National rail systems, institutions and operations)
 - Urban transport (metro, bus, NMT)
- Changing demands from clients:
 - System approach
 - Efficiency gains
 - Value addition
- Incorporate new technologies and applications:
 - Systems management
 - Use of data (operators and users)
 - Emerging technologies (e-vehicles, advanced digital technologies)
- Increased attention to private sector support
- Broader use of financial services to meet demands

*All information on ADB-supported projects disclosed on ADB website
[<https://www.adb.org/work-with-us/business-opportunities>]

Selected Flagship and innovative Projects

PAK: Peshawar Sustainable Bus Rapid Transit Corridor Project

Approved in 2017, project cost \$580 million, operational since 2020.

3rd generation BRT, institutional reforms, financial sustainability, “façade-to-façade” and NMT, bicycle lanes, universal accessibility and low-emission vehicle technology (hybrid).



Selected Flagship and innovative Projects

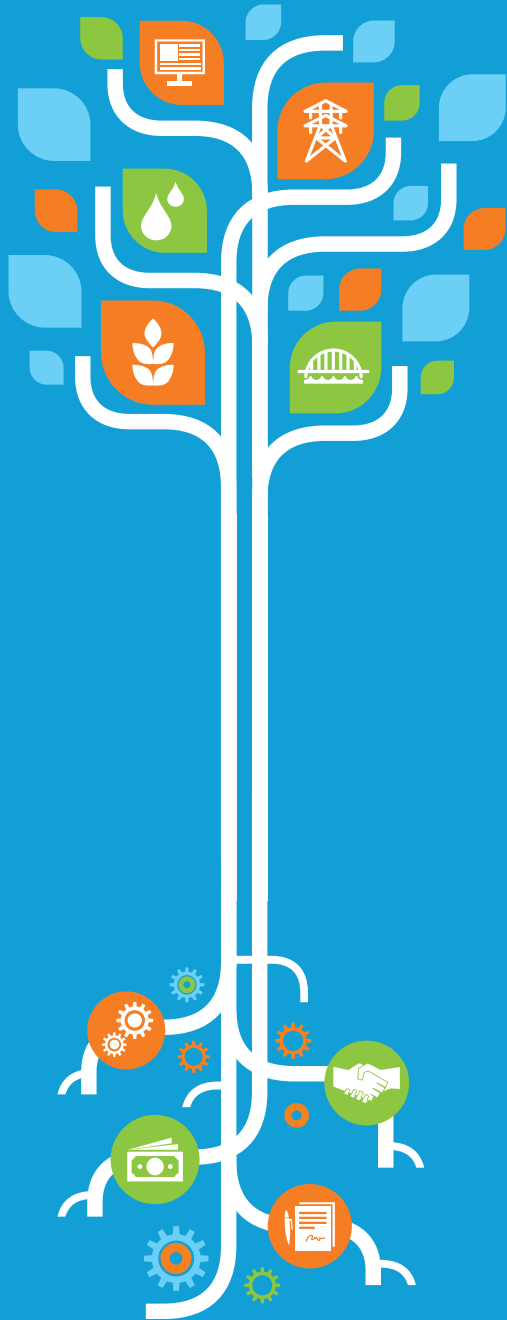
IND: Delhi–Meerut Regional Rapid Transit System Investment Project

Approved in 2020, project cost \$3,950 million, completion in 2027

The investment project will finance prioritized rail corridors of the planned regional rapid transit (RRTS) network in India's National Capital Region (NCR).

The 82-km corridor is expected to reduce journey times from 3-4 hours to about 1 hour.





THANK YOU!

Pamela Chiang
Senior Transport Specialist, ADB
apchiang@adb.org