Transport Operators to Users: Peshawar’s Just Transition to BRT
From Transport Operators to Users: Peshawar’s Just Transition to BRT

Wednesday, May 8, 2024

9 AM EST | 6 PM PKT | 10 PM CST
From Transport Operators to Users: Peshawar’s Just Transition to BRT

About the city of Peshawar

- **Location**: 49 km From Afghan border
- **Population**: 2.3 Million+
- **Population Density**: 1612.5 Per square km
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Peshawar BRT Overview

- Equitable Public Transport
- Universally Accessible
- Increased Female Mobility
- Inclusion of Marginalized Groups such as Transgender Individuals
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Peshawar BRT Overview

Global Recognition
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Peshawar BRT Overview

- Daily Ridership: 140,000 to 300,000
- System Expansion: 10 Routes to 15 Routes
- Female Ridership: 20% to 30%
- Female Employment: 10% to 12%
- Accessibility: 5000 People With Disabilities
- Enhanced Acceptance: Increase in public and political support

Honorable Mention
Types of Public Transport Operating before Peshawar BRT

- The fare for these vehicles were partially regulated by the Government.
- These vehicles were providing point-to-point services for specific period of the day.
- These vehicles were providing fixed route public transit services.
- 70% population of the city was unserved
Types of Public Transport Operating before Peshawar BRT

- Old public transport was not accessible to people with disability, seniors and females
- It was inconvenient for passengers to board and alight the bus
Types of Public Transport Operating before Peshawar BRT

- It was unsafe for school going kids
- Kids were exposed to harsh environmental conditions
Types of Public Transport Operating before Peshawar BRT

- Unhygienic seats
- Very tight and inconvenient space for passengers
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Bus Industry Restructuring Program (BIRP), Peshawar BRT

Purpose of the program was to run-through a smooth industry transition process

- Identification of All Stakeholder
- Market Analysis of affected routes and Operators
- Profiling of Existing Industry
- Profiling of Vehicles and Owners and Employees
- Economic compensation model and inclusion
- Developing mechanism to provide better opportunity
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Bus Industry Restructuring Program (BIRP), Peshawar BRT

Identification of All Stakeholder

Planning
- Current Scenario of Transport Sector
- Identifying key areas of survey

Consultation
- Regional Transport Authority
- Excise and Taxation Department
- Local Municipal Authorities

Data Collection
- Surveys
- Data from Govt. Dept.
- Identification of Intra-city Terminals and routes
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Bus Industry Restructuring Program (BIRP), Peshawar BRT

Identification of All Stakeholder

1500 Sessions with vehicle owners, drivers and conductors.

43 Consultation sessions with Govt. Departments
Route and Buses Profiling

- Identification of routes to be removed or curtail
- Types of vehicles operating, age, type, trips per day
- Assessment of per day/month earning, cost of maintenance and operation
- Checking vehicle suitability for inclusion or removal

Employees and Owners Profiling

- Number of employees per vehicle or route
- Per month earning of the employees
- Other benefits to employees
- Monthly earning of owners
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Bus Industry Restructuring Program (BIRP), Peshawar BRT

- Total Vehicles: 517
- Owners: 397
- Owners/Drivers: 126
- Drivers: 517
- Conductors: 510

Public Transport (Model Year)

- No. of Vehicle: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100
- Percentage: 78%
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**Bus Industry Restructuring Program (BIRP), Peshawar BRT**

<table>
<thead>
<tr>
<th><strong>Vehicle Documents</strong></th>
<th><strong>Model of the Vehicle</strong></th>
<th><strong>Route Permit</strong></th>
<th><strong>Physical Verification Committee</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(30%)</td>
<td>(25%)</td>
<td>(20%)</td>
<td>(25%)</td>
</tr>
<tr>
<td><strong>Valid Registration in the name of the claiming owner</strong></td>
<td>After 2000: 25</td>
<td>Route permit after 2012: 20</td>
<td>Body condition: 9</td>
</tr>
<tr>
<td><strong>Purchase Letter</strong></td>
<td>Before 1980: 15</td>
<td>Route permit before 2012 or identified in surveys: 15</td>
<td>Tire condition: 3</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td>Parts: 5</td>
</tr>
<tr>
<td><strong>Valid transfer letter</strong></td>
<td></td>
<td></td>
<td>Original Engine and Chassis number: 3</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Route Permit on the name of the registered owner</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Economic compensation model and inclusion**

- Rocket Bus/Mini Bus
  - PKR. 1,150,000

- Ford
  - PKR. 1,050,000

Max Price + 12 month compensation @ Rs 30,000 per month
### Employment Opportunity Program (EOP)

<table>
<thead>
<tr>
<th>No.</th>
<th>Types of Employment</th>
<th>Estimated Jobs Requirements</th>
<th>Existing Industry Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Drivers</td>
<td>800</td>
<td>650</td>
</tr>
<tr>
<td>2</td>
<td>Conductors/ Security</td>
<td>1600</td>
<td>600</td>
</tr>
<tr>
<td>3</td>
<td>Station Staff (Cleaning, Ticketing, Public Relation)</td>
<td>1250</td>
<td>50</td>
</tr>
<tr>
<td>4</td>
<td>Corridor Cleaning</td>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>Mechanics/ Other Technical Staff</td>
<td>90</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>Administrative and Management Staff</td>
<td>100</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>&gt;3990</strong></td>
<td><strong>1300</strong></td>
</tr>
</tbody>
</table>

**Notes:**
- Two contracts for Vehicle Service Providers (VSP)
- One contract for System Control Service Provider (SCSP)

**Economic compensation model and inclusion**

**Bus Industry Restructuring Program (BIRP), Peshawar BRT**

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Process for Inclusion of Owners

Eligibility Criteria
- Vehicle with route permit not expired before 2012
- Vehicles included in surveys

Enlistment Process
- Registration Desk
- Awareness Campaign
- Establishment of Kiosks at terminal

Information Requirement to submit
- Personal Information
- Registration Books
- Purchase Letters
- Original Route Permits
- Other documents
- Consent of the owners on acceptable option

Option-1: Take alternate routes
Option-2: Sell Vehicle and get compensation for 12 months

Economic compensation model and inclusion

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Bus Industry Restructuring Program (BIRP), Peshawar BRT

Engagement

Profiling

Enlistment

SPV Committee

Systematic Approach

Payment

Scraping
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Bus Industry Restructuring Program (BIRP), Peshawar BRT

Challenges

- Individuals, vehicle owners
- Vehicle Registration Not on Applicant Name
- Vehicles from Other Cities
- Communication Problem, Lack of Education
- Multiple Govt. Departments
- Trust Issues
- Vehicle Registration from Different Cities
Lesson Learned

Data Collection

Gradual Removal & Compensation

Effective Communication

Provide Training to Bus Industry Employees

Constitute a Committee

Offer other Modes of Paratransit

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Bus Industry Restructuring Program (BIRP), Peshawar BRT

Before

After
Next Steps for the Peshawar BRT

**Phase 1 Expansion**

A  System Extension with 3 New Routes

<table>
<thead>
<tr>
<th>Route</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pabbi Route</td>
<td>23</td>
</tr>
<tr>
<td>Regi Model Town Route</td>
<td>14</td>
</tr>
<tr>
<td>Naguman Extension Route</td>
<td>14.5</td>
</tr>
</tbody>
</table>

Total Route Length 41.5

B  Add Buses into the Current System

<table>
<thead>
<tr>
<th>Additional Buses</th>
<th>75</th>
</tr>
</thead>
<tbody>
<tr>
<td>on New Routes</td>
<td></td>
</tr>
<tr>
<td>on Corridor and Current Direct Routes</td>
<td></td>
</tr>
</tbody>
</table>

Total New Buses to be Inducted 150

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Next Steps for the Peshawar BRT

Phase 2 of Peshawar BRT

- **26 KM**: 26 km dedicated corridor
- **28 Stations**: 28 stations along the corridor at an average distance of 900m
- **300 Vehicles**: Fully Electric Buses
- **2 Buildings**: 2 depots
- **100 Km**: Off-corridor Routes

NMT/Last Mile

- 200 E- bicycles
- 200 E-2 Wheeler
- 300 E- Wheelers
- Sidewalks Improvements
- Greenways Development

1. City Coverage Increase from 35% to 75%
2. Model Share Increase from 15% to 40%
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Next Steps for the Peshawar BRT - 2030
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Next Steps for the Peshawar BRT - 2035
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Next Steps for the Peshawar BRT - 2040
Thank you!