Strategy Plan for Rural Road Development in Myanmar

Presented By
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Ulaanbaatar, Mongolia
OUTLINE OF PRESENTATION

1. Brief Information of My Country
2. Programming and Planning Issues
   - Policy of DRRD
   - Objectives and Strategy Objective for 2030
   - Rural Road Classes
   - Targeting /Ranking
   - Factors/Criteria for Prioritization
3. Financing Issues
4. Sustainable Issues
5. Institutional issues
6. Some Projects in Rural Areas
BRIEF INFORMATION OF MY COUNTRY

- Myanmar (in South East Asia)
- Area = 6765878 km²
- Neighboring Countries
  - China
  - Lao, Thailand
  - Bangladesh, India
  - Andaman Sea, Bay of Bengal
- Population = 54.36 Millions
- Economy: Agriculture, Industries, Energy & Tourism
# Villages & Number of People living in Rural Areas

<table>
<thead>
<tr>
<th>Sr.No</th>
<th>Particular</th>
<th>District</th>
<th>Township</th>
<th>Total Villages</th>
<th>Number of People In Rural Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Region/ State (14Nos), NayPyiTaw Council Area &amp; Self-administered Zone</td>
<td>67 Nos</td>
<td>291 Nos</td>
<td>57228 Nos</td>
<td>34,727,159 Nos</td>
</tr>
</tbody>
</table>

64 Percentage of People are living in Rural Areas
1. PROGRAMMING AND PLANNING ISSUES
Policy of DRRD

- Improvement of **Socio-Economic Life of People** through development of Rural Roads and Bridges
Objectives and Strategy Objective for 2030

- To develop Rural Roads and Bridges continuously
- To arrive the rural products to the market in time with the lowest costs
- To quickly access by using Core Rural Road Network (CRRN) for socio-economic development of the people in Rural Areas
- To support the National Logistic Hub
- To Upgrade all rural roads into year-round access in 2030
Strategy Objective for 2030

To connect **80% of All Villages** in each State/Region by all-season road, providing year-round access to approximately **94%** of the rural population

All Villages
>1000 People

Connected by
2020

All Villages
>500 People

Connected by
2025
Rural Road Classes

- Focus on CRRN
  
  Minimum rural road network required to connect All Villages

- Rural Road Classes

  - **Class A**
    - Village → Town/Highway Road

  - **Class B**
    - Village → Village

  - **Class C**
    - Feeder Road/ Interior Village Road
Targeting / Ranking

- Beneficially population/ Village/ Economical
- Environmental Impact
- Traffic Flow (ADT)
- Community Poverty (%)
- Accessibility/ Travel Time save (Market, Village, School, Health)
- Investment per household
- Resettlement Needed
2. FINANCING ISSUES
Financial Plan

- Regional Budget
- Union Budget
- International Aids
- Road Users’ Tax
- Participation of People in Rural Areas

Budget Required
3. SUSTAINABLE ISSUES
# Rural Road Standards and Specifications

<table>
<thead>
<tr>
<th>Standard</th>
<th>Surface Type</th>
<th>Carriageway Width</th>
<th>Side Drains</th>
<th>Bridges</th>
<th>Bridge Carrying Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>Sealed Surface</td>
<td>3.66 m</td>
<td>Earthen/ Lined</td>
<td>Steel/ Concrete</td>
<td>AASHTO HS20-44 (36 Tons)</td>
</tr>
<tr>
<td>Class B</td>
<td>Improved Unsealed Surface</td>
<td>3.66 m</td>
<td>Earthen/ Lined</td>
<td>Steel/ Concrete</td>
<td>AASHTO HS20-44 (20 Tons)</td>
</tr>
<tr>
<td>Class C</td>
<td>Earthen</td>
<td>3.66 m</td>
<td>Earthen/ Lined</td>
<td>Timber</td>
<td>-</td>
</tr>
</tbody>
</table>
4. INSTITUTIONAL ISSUES
For Technical and Practical Supports

- Head Office - 102 Officers, 331 Staffs
- State/Region Offices - 103 Officers, 272 Staffs
- District Offices - 67 Officers, 670 Staffs
- Township Offices - 291 Officers, 1164 Staffs

TOTAL WORKFORCES = 3000 Nos;
5. SOME PROJECTS IN RURAL AREAS

- Earthen Road in Palaw Township, Tanintharyi Region
- Bituminous Road in Dawei Township, Tanintharyi Region
5. SOME PROJECTS IN RURAL AREAS

Pilot Project in Tanintharyi Region

Macadam Road in Myeik Township, Tanintharyi Region
5. SOME PROJECTS IN RURAL AREAS

6.1 m Long RCC Bridge in Thayatchaung Township, Tanintharyi Region

1.52m x 1.52m x 9.15 m RCC Box Culvert in Longlone Township, Tanintharyi Region
WELCOME FROM MYANMAR

- I would like to invite you all to come and visit to my Country where have many beautiful and ancient places.
- I also would like to invite you to invest for the development of rural roads and bridges in Myanmar.
THANK YOU