

Transportation Sector in Nepal: Policy and Institutional Arrangement

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Presentation Outline

- **Introduction**
- **DOTM: A Brief Introduction**
- **Transportation Sector in Federalism**
- **Legal provision of Transportation Sector**
- **Challenges and Future Prospect**

Transportation Sector

- **Public Transportation Service (Transportation Service Providing Companies, Businessperson in transportation Sector and public as a whole)**
- **Private Vehicle owners and road users**
- **Workshops and assembling factory**
- **Auto parts shop/ dealer**
- **Driving Schools**
- **Public Transportation Infrastructure**
- **Embossed vehicle number plate**

Small Statistics

- **Total Vehicle Registered : About 40 Lakhs**
- **Total Public Vehicles: About 4.5 Lakhs**
- **Direct involved people in this sector: About 40 lakhs**

Public Transportation: Passenger Service

- **Urban Transportation (Local Route)**
- **Inter-City Transportation(All Types of vehicle such as bus/Microbus/tempo/Jeep etc.)**

Route Division

- **Short Route: Up to 100 Km**
- **Medium Route: Up to 250 Km**
- **Long Route: More than 250 Km**

According to Operation Time

- **Night Service**
- **Day Service**

Why Public Transportation

- **For people who do not bear private vehicle**
- **For urban transportation**
- **Inter-City Transportation**
- **Employment**
- **Attract and Continue private investment**

Legal Provision:

- **Vehicle and Transportation Act, 2049**
- **Vehicle and Transportation Regulation, 2054**
- **Transportation Management Directive 2060**
- **Small and medium vehicle inspection Standard 2074**
- **Small and medium vehicle Test Standard 2074**
- **Vehicle Emission Test Directive 2074**
- **Vehicle Body Building Standard, 2074**
- **School Bus Directive, 2074**
- **Workshop Operation Directive, 2074**

Department of Transport Management

Brief Introduction

Organogram

Department of Transport Management

**Admin/
Planning /
O&M
Section**

**Technical
Section**

IT Section

**Road Safety
Section**

VFTC-5

DOTM: Working Area

- **Decide and allow the permit for National Route**
- **Decide the transportation fair for national Route**
- **Company Registration for Nation Route**
- **Decide the Standard of public transportation service for national level**
- **Inter-province Transport Management**

Few Activities that DoTM is Carrying out in Federal Setup

- **National Transportation policy formulation and Standard setting**
- **Operating and managing EDL-VRS**
- **Printing Smart Card of Driving License**
- **High Security Vehicle Embossed Number Plate**
- **Inter-Province Co-ordination**
- **Monitoring**
- **Road Safety-GPSVTS, RAIMS, Public Education**

Transportation in Federal System

- **Schedule-5 :-**

- 1. National Highway Management**

- 2. Transportation Service Management**

- 3. Safety and Inclusive Transportation**

- 4. Alternative Transportation**

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Responsibility division between Federal and Provincial Government According to Unbundling Report

S.N.	Area	Federal Government	Provincial Government
1.	Policy, Planning and Research	National Policy, Act and Legal Provision	Provincial Policy, Legal Provision
2.	Import and Production of Vehicle	Standard Road Worthiness Certificate	
3.	Vehicle Registration and Monitoring		➤ Based on the Federal Act and Standard
4	Vehicle Fitness Test	Federal Government	➤ Based on Federal Standard and Procedure
5	Driving License	Standard Set up, curriculum for license examination	➤ Issue driving license

Passenger Bus Standard(Rule 18)

Description	Direct Bus Service	Express Bus Service	Local Bus Service	Mini Bus	Micro Bus
Seat (Max)	40	50	56	25	14
Seat Size (Min)	16" -19"	15"	15"	15"	15"
Seat Folding	30-40 Degree				
Seat Back height (Min)	22-26"	18"	18"	22"	22"
Space between Two Row (Min)	14"	14"	14"	14"	
Leg Place (Min)	13"	11"	11'	13"	11"
Internal Height	66"	66"	66"	64"	1345mm
Stairs Height of door	1'	1'	1'	1'	1'

Passenger Bus Standard(Rule 18)

Description	Direct Bus Service	Express Bus Service	Local Bus Service	Mini Bus	Micro Bus
Fire Extinguisher	Yes	Yes	Yes	Yes	yes
Emergency Exit	Yes	yes			
First -Aid Kit	Yes	Yes	Yes	Yes	yes
Window lock	intact	intact	Intact	Intact	
Shock Absorber	Intact	Intact			

Road Worthiness Test

- **Article 17:** Every vehicle must get the road worthiness certificate before go to registration. Article 23 has given the standard to meet road worthiness certificate.
- **Emission control is one of the most important component among the given standard**

Modification in the Vehicle

Article 39: Permission to Modify any parts in vehicle.

- No one can make any modification in the size and appearance of the vehicle including engine without permission from the concern authority. Recently government has withheld this article for modification in engine to promote the alternative energy.

Budget Speech

161. The use of electric vehicles will be encouraged.

- A strategic plan will be formulated and implemented by 2031 AD. to replace the light vehicles powered by fossil fuels by electric vehicles.**
- A task force including experts will be formed to provide suggestions regarding the policies to be adopted, exemptions and facilities and infrastructure development.**
- Exemption of renewal fee and road construction and maintenance fee for 5 years if the vehicles operated from fossil fuels are converted into electric vehicles.**

Budget Speech (Contd.....)

292. Arrangement to provide additional grants as incentive if large capacity electric buses in major urban areas of the country including Kathmandu valley, Birtamod Bhadrapur, Itahari-Biratnagar, Dhalkebar-Janakpur, Pokhara-Damauli, Butwal Bhairahawa-Lumbini, Kohalpur-Nepalgunj, Attariya-Dhangadi

- Arrangements will be made to operate at least one hundred electric buses in Kathmandu valley in the next fiscal year through Sajha Yatayat.**

293. In order to increase the use of electric vehicles, 5 hundred charging stations, terminal buildings and other infrastructures will be constructed in different places of the country including Kathmandu valley in participation with private sector in the coming fiscal year.

.....Transportation Authority

- **Bill has been send to parliament**
- **Authority management Development
Committee**
- **Authority in the changed context**

Challenges

- **Proper coordination among the Federal, Provincial and Local Government**
- **Institutional set up and human resources in DoTM in Changed Context.**
- **Use the New Innovative Technologies in Transport Management.**
- **Promotion of the Electric Vehicle**
- **Government Investment in Public Transportation**
- **National Policy environment for the Private Sector Investment in Public Transportation specially in electrification.**

नमस्कार

धन्यवाद !!