

11th Intergovernmental Regional Environmentally Sustainable Transport (EST) Forum in Asia

Country Presentation of Nepal



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A. Background

B. Current Status of Urbanization and Transportation

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A. Background



- After 2 Decades of Political Unrest and Transition, Federal Setup with 3 Level of Governments, of Nepal After Promulgation of New Constitution
- Successful Completion of All Three Level Elections This Year
- Almost All Political Agenda settled and Now Focus towards Prosperity through Socio-Economic Transformation
- All Three Level Governments Started Exercising Autonomous State Power (Capable of Planning, Budgeting, Implementing and Enforcing)



B. Current Status of Urbanization and Transportation



- Rapid Urbanization in Major Cities (Kathmandu, Pokhara, Bharatpur, Biratnagar)
- Kathmandu Alone Covers more than 10% of Country's whole population (Area – 0.2% of Country)
- Transportation System becoming Challenging to manage



Current Status of Urbanization and Transportation (Contd..)



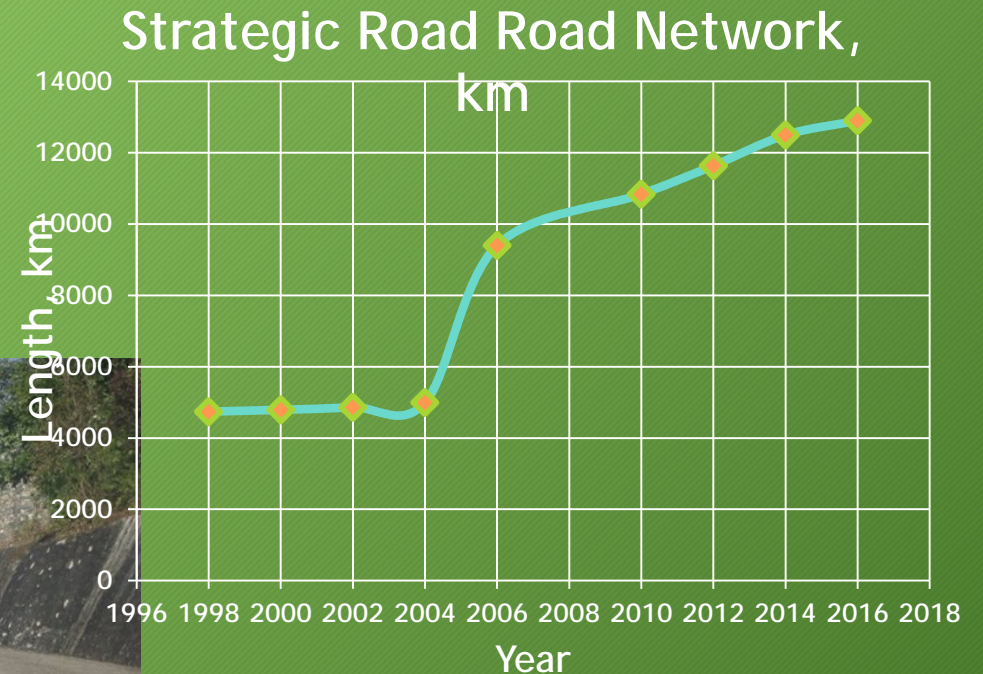
- Modes of Transport Roads

- Roads
- Airport
- Railways
- Waterways



- Road Network Status

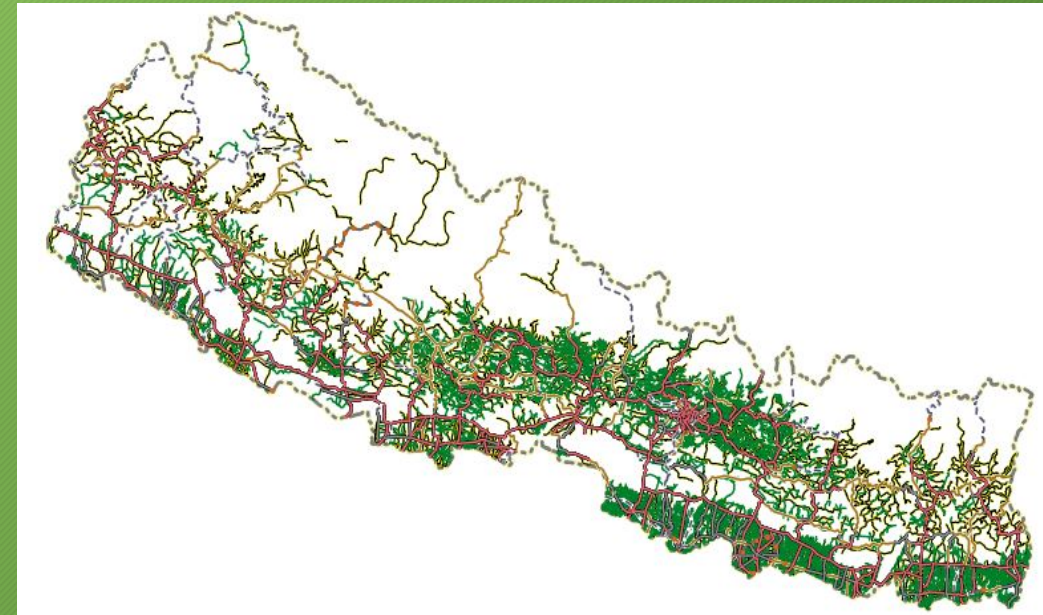
- Strategic Road Network:
 - National Highways
 - Feeder Roads
- Local Road Network:
 - District Road Core Network (DRCN)
 - Village Road Core network VRCN)



B. Current Status of Urbanization and Transportation (Contd..)



- Existing Transport Infrastructure
- Road Transport (*Fulfil Almost 90% of National Transportation Needs*)
 - Strategic Roads: 15,000 km (50% Paved)
 - Local Roads: 58,000 km (5% Paved)
- Air Transport
 - International: 1 (Kathmandu)
 - Regional- 2 Pokhara and Bhairahawa
 - Domestic: 50 (33 in regular operation)
- Rail Transport-and Waterways- Not Yet in operation



C. New Initiatives Taken by Government



➤ Policy Level Intervention

- Drafting of New Transport Policy to replace National Transport Policy 2001 incorporating key EST elements
- Ban on vehicles aged more than 20 years
- Incentives for operating larger buses system (e.g. Sajha Yatayat).
- One PT route being tested to convert microbuses and tempos to operate large buses under government subsidy under pilot scheme
- Import Duty reduction for Electric Vehicle and Big Buses (Mass Transit)



C. New Initiatives Taken by Government



➤ Policy Level Intervention

- Scrap out of the syndicate of private transport entrepreneurs organization on operation of public transport and freight vehicles
- Plans to develop alternative transportation like Railways and Waterways with high political priority
- Study on Mass Transit Options for Kathmandu Valley Concluded and Planned for Metro Transit based System



C. New Initiatives Taken by Government (Contd..)



- New towns and satellite cities are being planned through Integrated Urban Development Plans (IUDPs). Risk Sensitive Land-Use plans and Land-pooling projects are getting ways
- Improved Vehicle Driving Training Centres and Driving Trial System have been provisioned
- Smart Card Driving Licensing and Embossed Number Plates are being issued
- Provision of Pollution Monitoring of Major City Areas and Vehicle Fitness Test Centres



C. New Initiatives Taken by Government (Contd..)



- Regulation of Anti Drinking and Driving by Traffic Police
- Study for managing the public transport Routes in Nepal:
- Starting from October: web based Road accident information management system
- vehicle emission control by pollution testing and issuing Green Sticker by Transport management Offices
- Substituting small and medium vehicles (micro bus and Tempo) by large Buses in some routes in Kathmandu

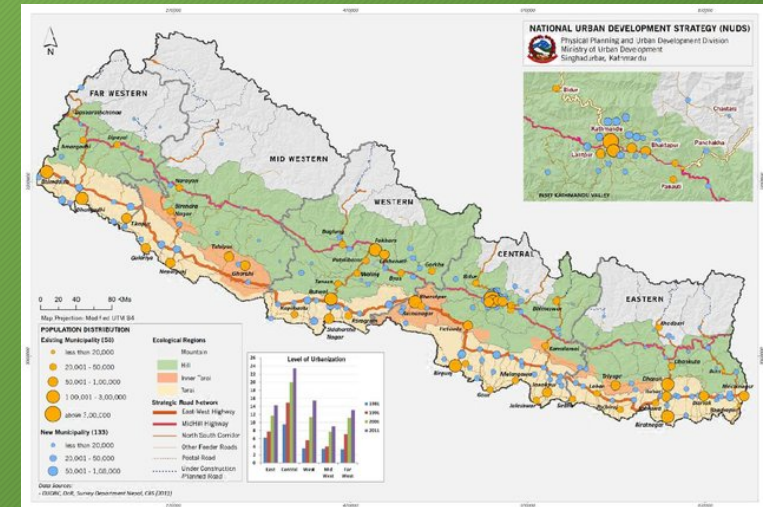


C. New Initiatives Taken by Government (Contd..)



➤ Key Projects Ongoing for Better Connectivity and Urban Development

- DPR of Mechi-Mahakali (East West) Railway ~945 km Completed Connecting Major Southern Cities, Construction Ongoing in 70 km including Indo-Nepal Link
- Pre-feasibility Study of China-Nepal Railway (72 km in Nepal) completed and India-Nepal (raxual-Kathmandu 100 km) under study. Nepal aims to bridge in China-India Railway
- Existing east-west 2-lane Mahendra Highway (1027 km) is commenced to be upgraded to four lanes

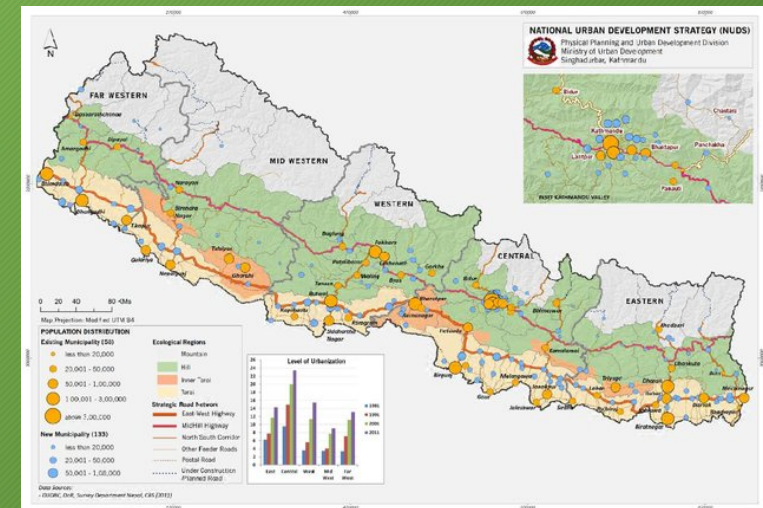


C. New Initiatives Taken by Government (Contd..)



➤ Key Projects Ongoing for Better Connectivity and Urban Development

- East-West extending Mid-Hill and Postal Highways (both around 1700 km) are being developed and blacktopped
- One New East-West Highway “Madan Bhandari Highway” is started to be developed from This Year, to make total of four major East West Corridor
- Prioritised development of 9 north south corridor to connect the boarder of China and India
- Kathmandu Ring Road (27 km) is being upgraded to 8 lanes expressway)



D. Major Challenges



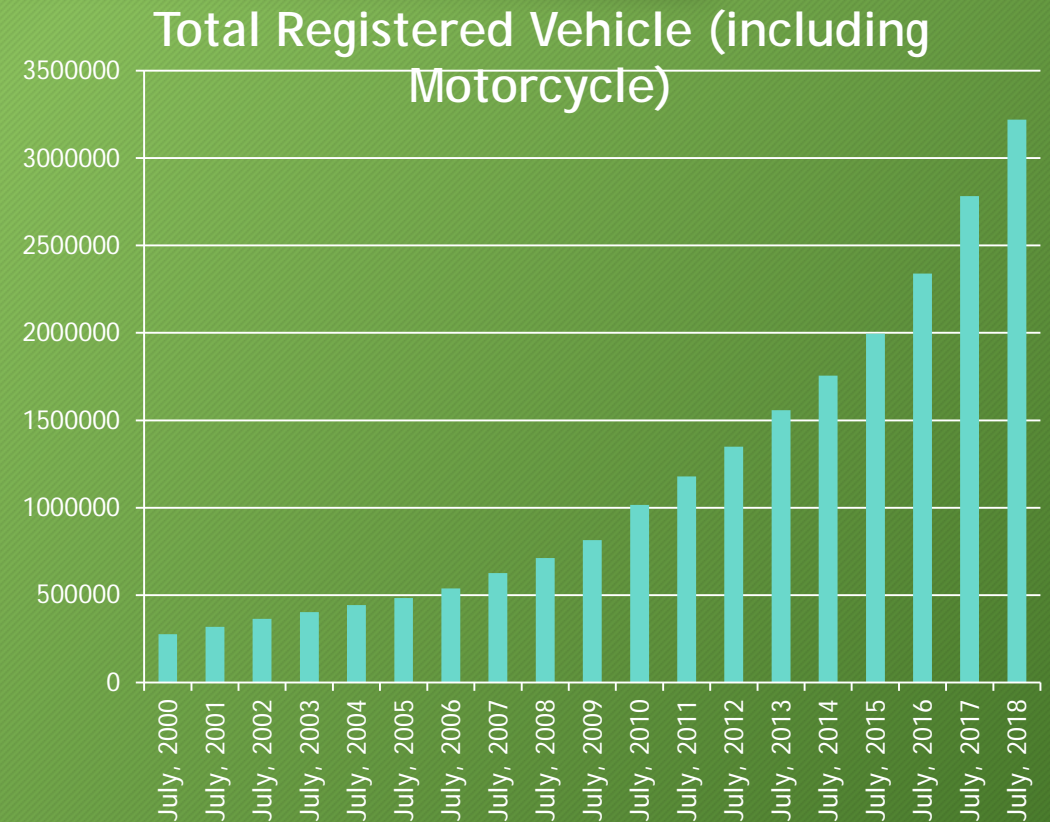
- Continuous Migration to Urban Areas making urban life more congested and difficult
- Gap in the investment needs and resources available while less efficiency in spending of available resources
- Post Syndicate Management in Transportation sector
- Difficult geography and frequent disasters like landslides and flooding damaging and washing out of transport infrastructures
- Fresh Implementation of 3-tier government system creating some communication gap for better urban development and transportation management



D. Major Challenges



- Road infrastructure: Accessibility and road maintenance
 - Inter agency coordination and collaborations
 - Proper planning and network management
 - Scope of road authorities (Central, provincial and local level government)
 - Road administrative and functional
- Road Sector budgetary provision
- Public Transport Management: (reliability, comfort, safety etc)
 - Urban Transport
 - Intercity Transport



D. Major Challenges



- Road Safety issue:
 - Legal provisions and dedicated
 - Implementation of Road Safety Action plan
 - Road Safety Audit of Strategic Road network
- Environmental issues:
 - Vehicle emission standard: compulsory only for Public transport vehicles not for private vehicles
- Social inclusion and Gender issues
 - Road infrastructure are not familiar for disable pedestrians (however, few km of tactile pavement has been constructed with tactile blocks in Kathmandu)
 - Import duty exemption (only for scooters) for disable persons

D. Major Challenges



- Application of IT in Transport Management Sector:
 - Electronic Driving License and Vehicle Registration System (EDLVRS)
 - Smart driving license cards (started)
 - Vehicle Registration System (will be launched by Dec 2018)
 - Road Accident Information Management System (will be launched in October, 2018)High Security Vehicle Embossed Number Plate System (Already Started)
- Application of IT in Road Infrastructure Management
 - Highway Information Management System
 - Bridge Management System
 - Emergency Information System (BP Highway)
 - Grievance Redress System for Department of Roads
 - Annual Road Maintenance Program (ARMP)
 - E-Procurement system
 - Contract Monitoring System



Thank you!!!