

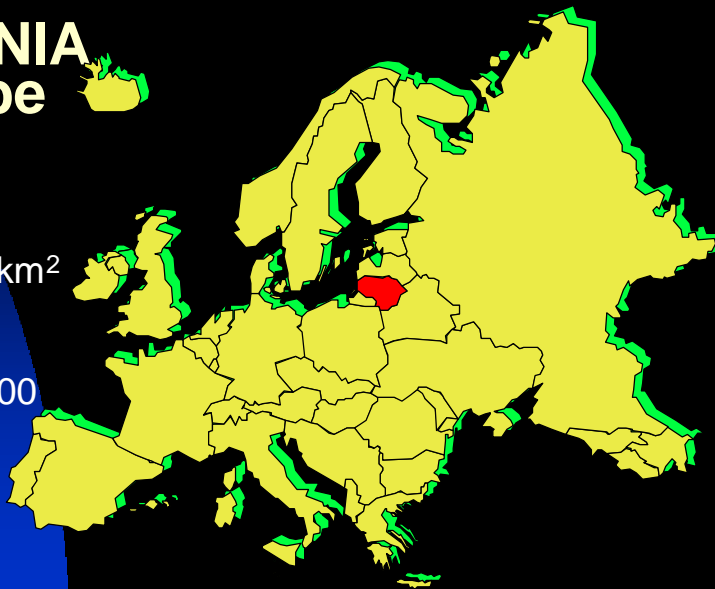
# Lithuanian Roads



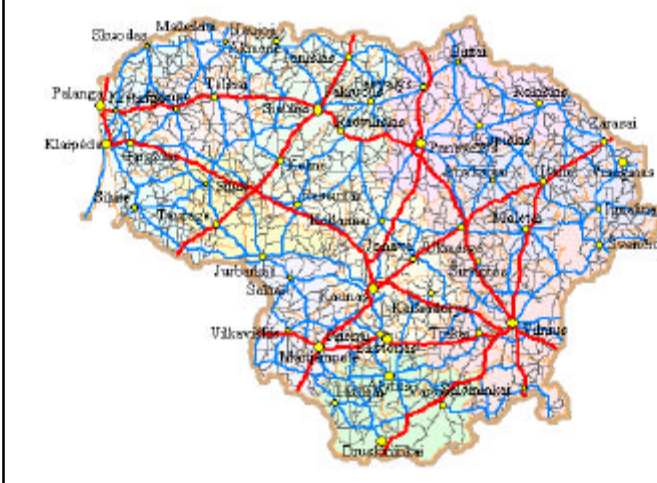
LITHUANIAN ROAD  
ADMINISTRATION

## LITHUANIA in Europe

- Territory  
65 300 km<sup>2</sup>
- Population  
3 491 000



## General road network information



State roads

Main roads

1724,3 km

National roads

4864,0 km

Regional roads

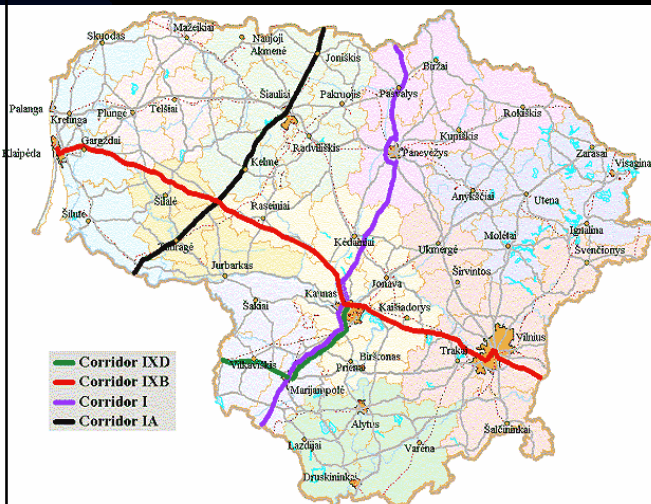
14724,3 km

**Total state roads**

**length 21312,6 km**

**Road Network Density: 6,1 km per 1000 inhabitants**  
**328 km per 1000 km<sup>2</sup>**

## TEN corridors

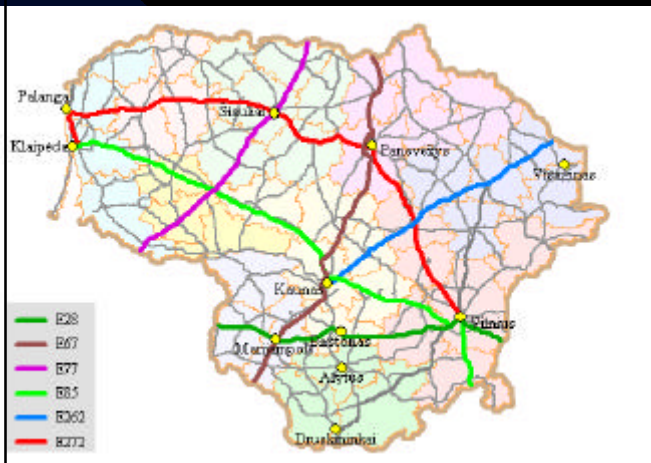


Lithuania is crossed by two Trans European Network (TEN) corridors:

In the North-South direction, Corridor I (highway VIA BALTICA and rail line RAIL BALTICA), linking Tallinn - Riga - Kaunas - Warsaw, and its branch Corridor I A (Tallinn - Riga - Siauliai - Kaliningrad)

In the East-West direction, Corridor IX, branches IX B (linking Kiev - Minsk - Vilnius - Klaipėda) and IX D (Kaunas - Kaliningrad)

## E-category roads

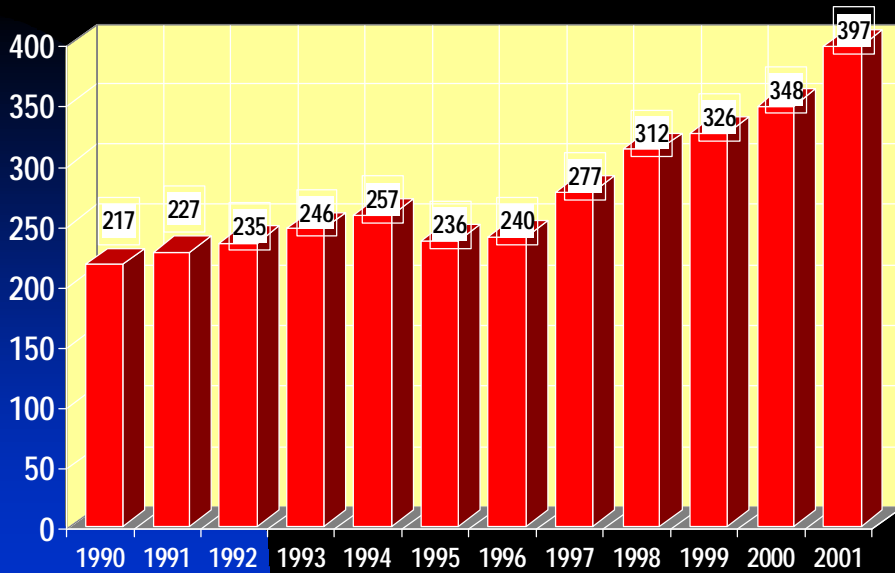


- E67 VIA BALTICA  
Helsinki - Tallin –  
Riga – Kaunas –  
Warsaw – Praha;
- E28 Berlin – Gdansk  
- Kaliningrad -  
Vilnius – Minsk;
- E77 Pskov - Riga -  
Šiauliai - Kaliningrad  
- Warsaw –  
Budapest;
- E85 Klaipėda -  
Kaunas - Vilnius -  
Lyda - Bukarest –  
Aleksandropoli;
- E262 Kaunas -  
Daugavpils -  
Rezekne - Ostrav;
- E272 Vilnius -  
Panevėžys - Šiauliai  
- Palanga - Klaipėda.

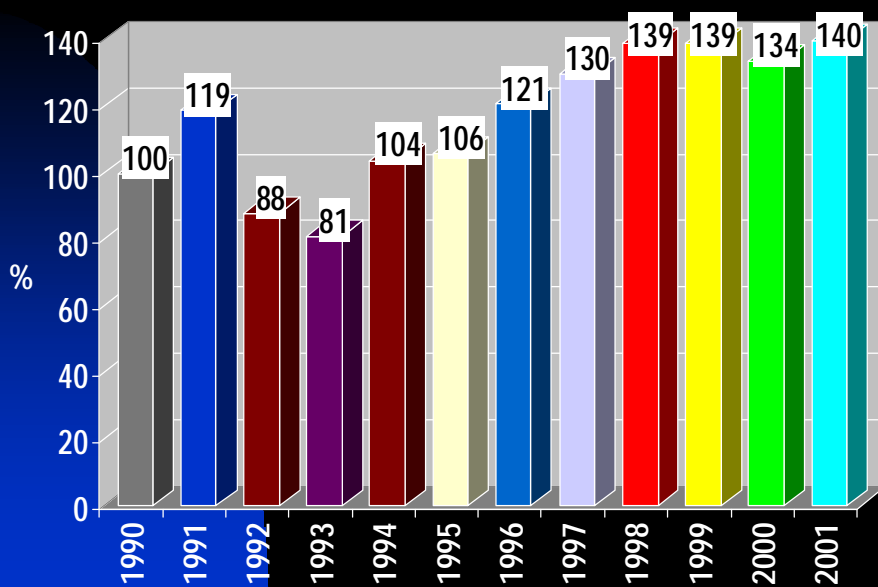
Total length of E-category roads is 1490 km

- 56,6 % of state roads are paved.  
Of which: Asphalt – concrete 24 %  
Light asphalt 75 %  
Cement – concrete 1 %
- 43,3 of regional roads has gravel pavement
- The prevailing width of asphalt pavements is 6-7 metres
- All main and national roads are cement or asphalt paved
- 20 % of asphalt pavements are wider than 7 metres
- 521 km of roads have four lanes

The number of vehicles per 1000 inhabitants in 1990-2001



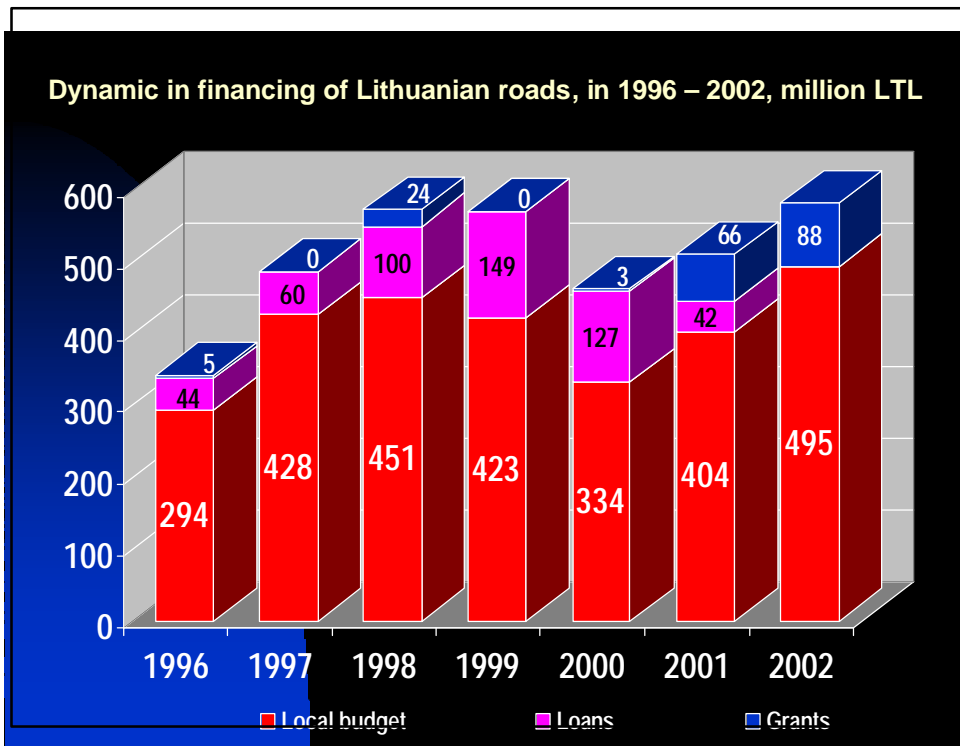
Dynamic of Traffic Volumes in 1990-2001, %



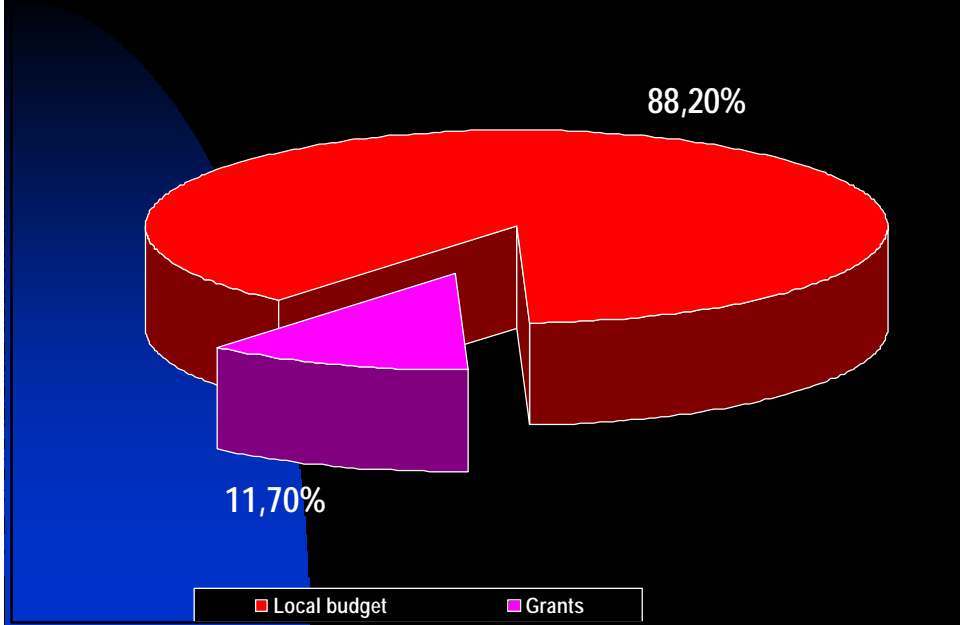
### Traffic volumes on Lithuanian roads in 2001



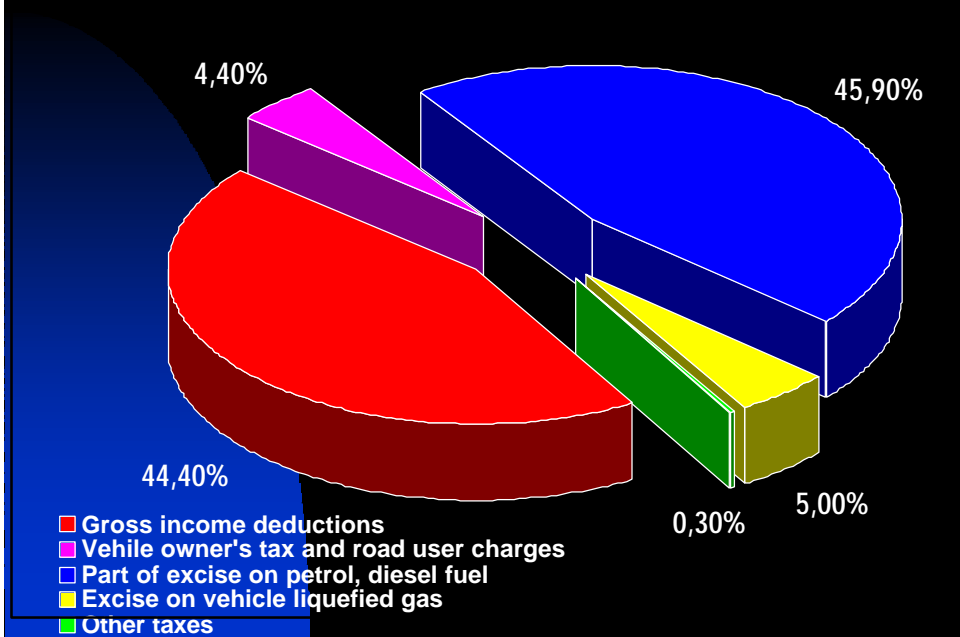
### Dynamic in financing of Lithuanian roads, in 1996 – 2002, million LTL



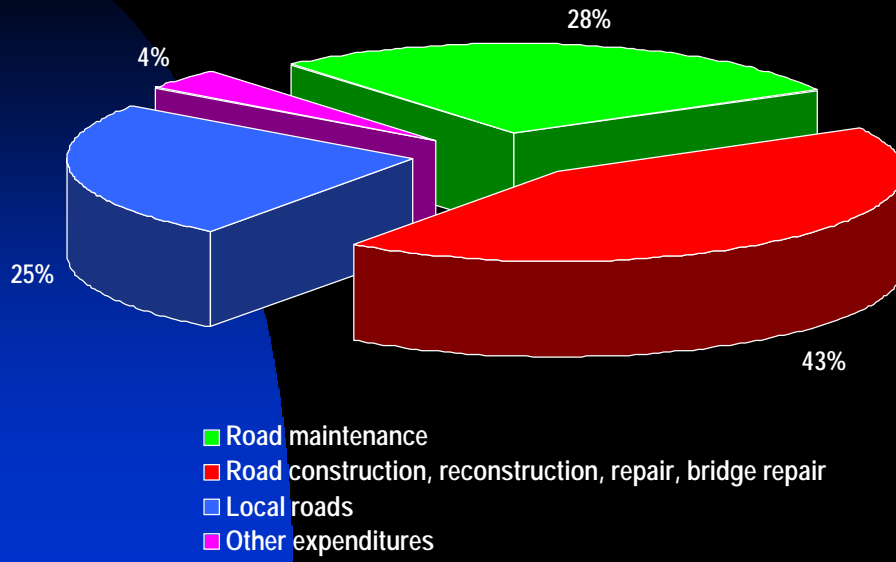
The sources for road financing in Lithuania, 2002, %



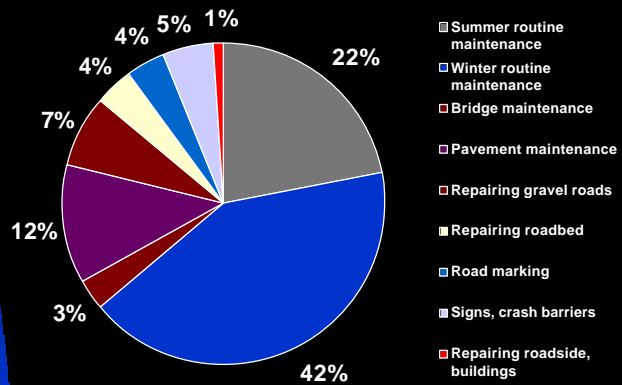
Sources for Lithuanian Road Programme revenues in 2002, %



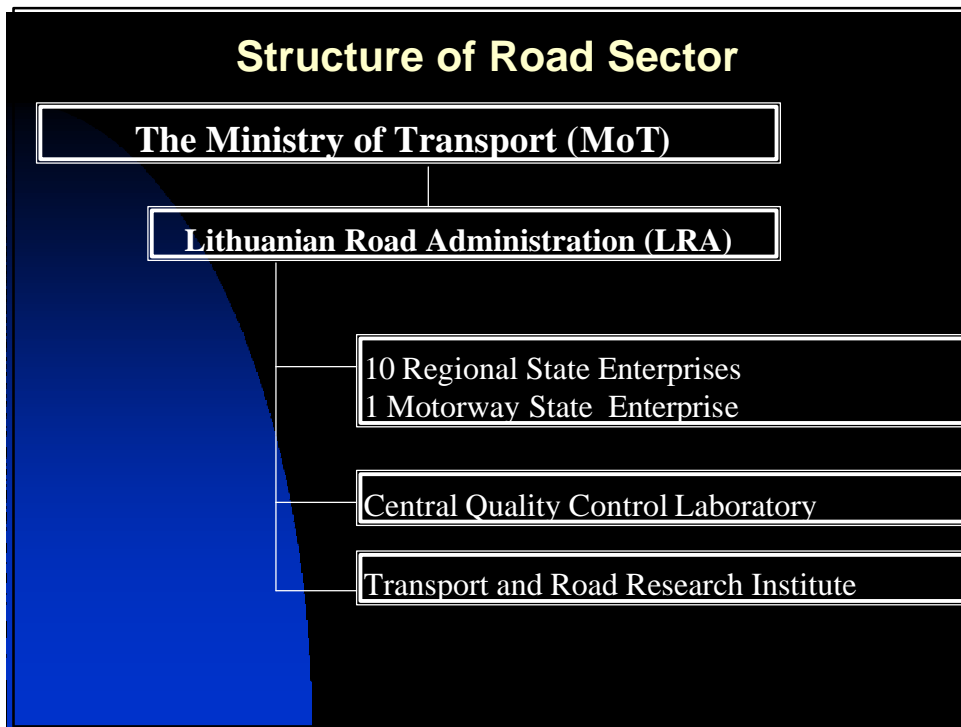
### The structure of Road expenditure , %



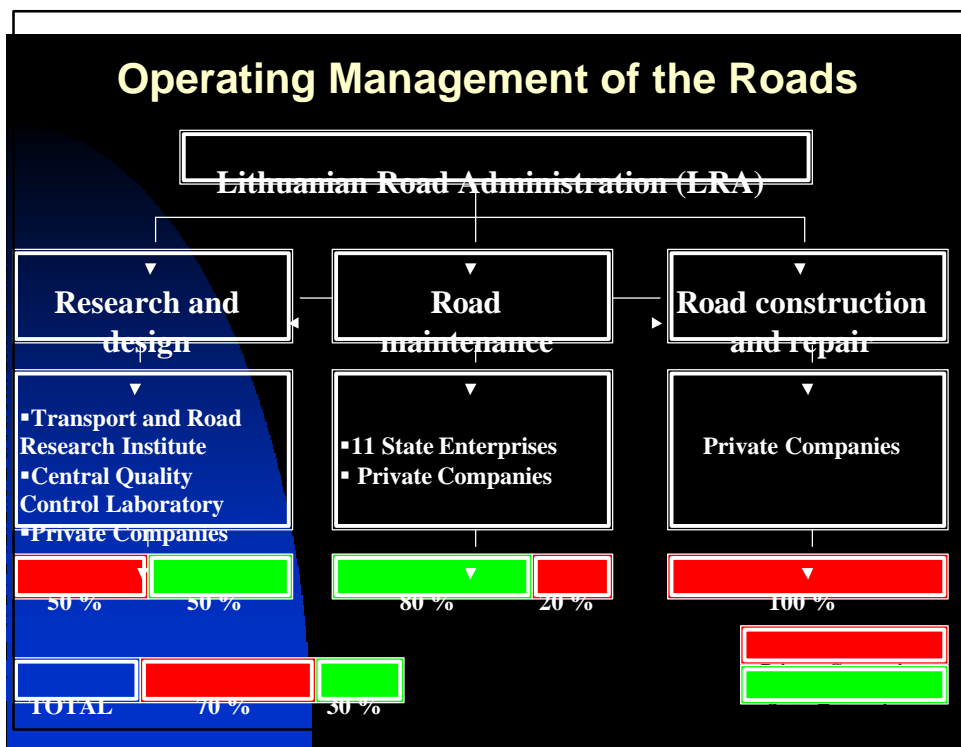
### STRUCTURE OF THE ROAD MAINTENANCE EXPENDITURES



## Structure of Road Sector



## Operating Management of the Roads





## Structure of road asset management

### MOT:

- Asset's owner;
- Management – general.

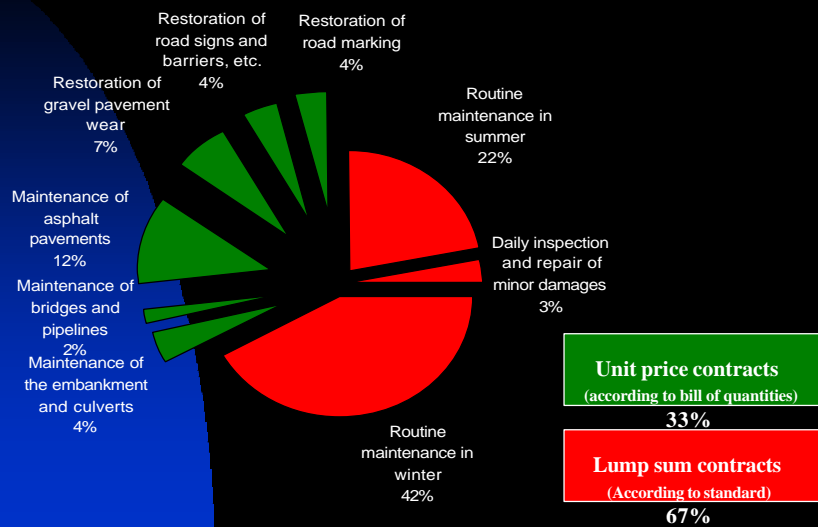
### LRA:

- No asset ownership;
- Management:
  - General planning;
  - Contracting;
  - Financing;
  - Control.

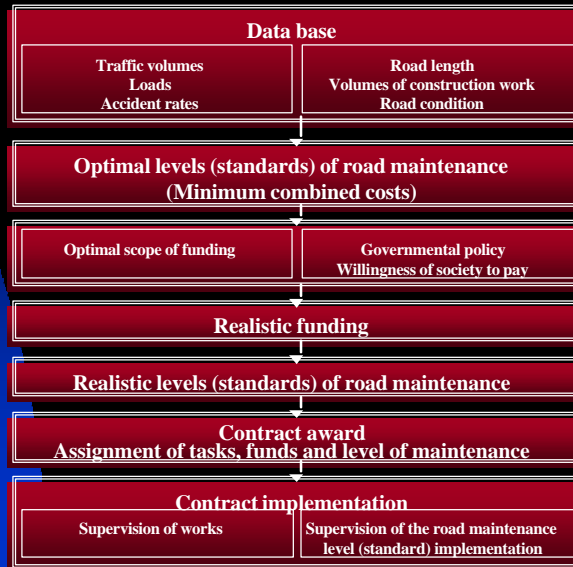
### State enterprises:

- Delegated asset ownership.
- Management:
  - Detail planning, Road inventory;
  - Asset accounting.
- Execution of maintenance works

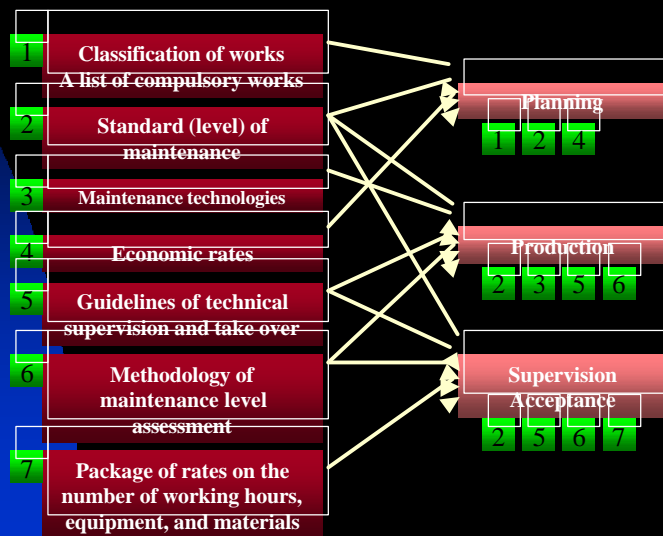
## Structure of Financing Road Maintenance in 2002



## Management of Fund Allocated on Road Maintenance



## The System of Documents Regulating the Road Maintenance



## Conclusions

### Advantages:

- limited number of capable enterprises
- reduced amount of state employees
- contracting out of works
- lump sum contracts (achieved level of maintenance)
- independent supervision of works

### Shortcomings:

- incomplet separation of Client and Contractor function
- lack of legislation regulating lump sum contracts
- insufficiently developed data bank

## Today's priorities and perspectives

- Ensurance of proper routine maintenance level and traffic safety.

- **Modernisation of European Corridors**

- VIA BALTICA ( Marijampole bypass)**

- Implementation year 2000 – 2005. Project cost – 16,5 million EUR, of which 6,5 million EUR by EU PHARE, 10,0 million EUR – Lithuanian funds.

- Lithuanian Highway Project**

- Implementation year 2001 – 2004. Project cost – 115,55 million EUR. Financed by EU ISPA program - 65,55 million EUR and Lithuanian funds-50 million EUR.

- **Preservation and modernisation of the existing road network**



**THE END**

Thank you for your attention