



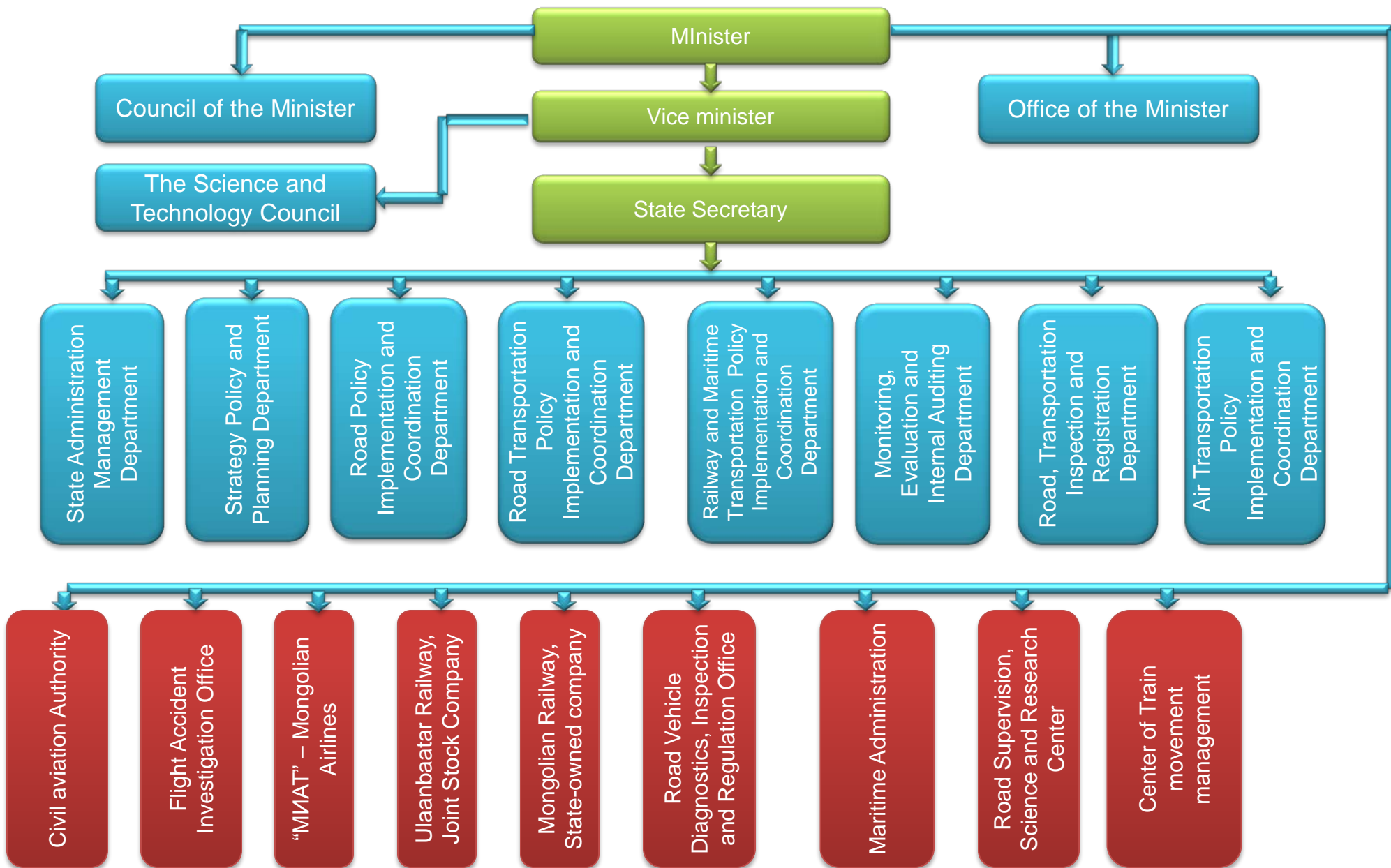
MINISTRY OF ROADS AND
TRANSPORTATION OF
MONGOLIA

ROAD SECTOR

Ulaanbaatar

March 2013

Organization chart of the Ministry of Roads and Transportation of Mongolia



MONGOLIAN ROAD NETWORK

Mongolian road network /total the length of a road 97790 km/

Motor road



49250 km

Rail way



1908 km

Air way

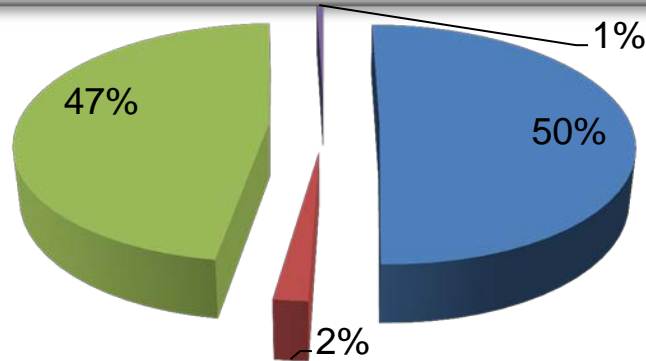


46500km

Water way

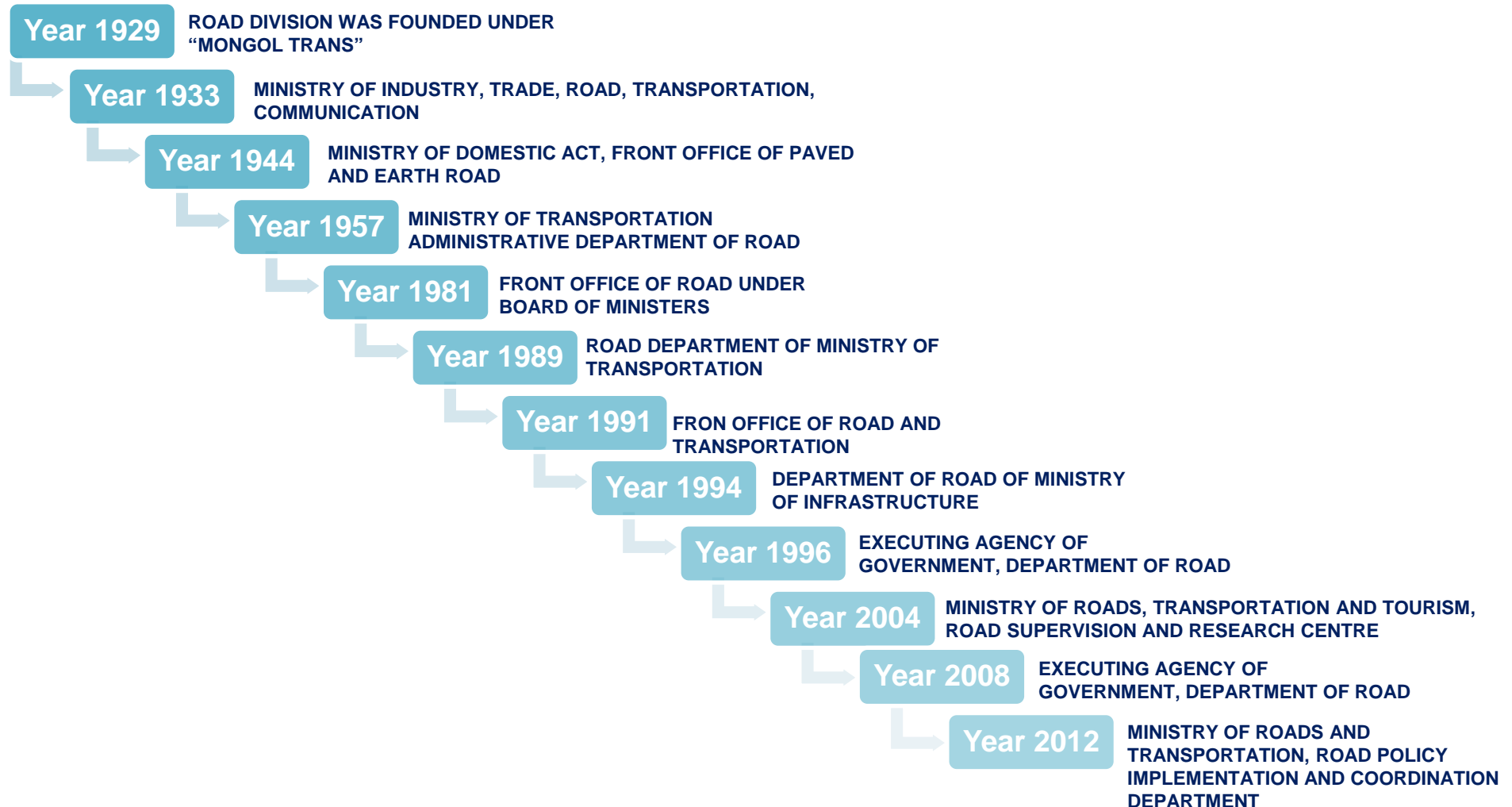


132 km



- Motor road
- Rail way
- Air way
- Water way

HISTORY OF ROAD SECTOR



STRUCTURE AND MANPOWER OF ROAD SECTOR



ROAD NETWORK CLASSIFICATION AND CURRENT DEVELOPMENT OF MONGOLIA



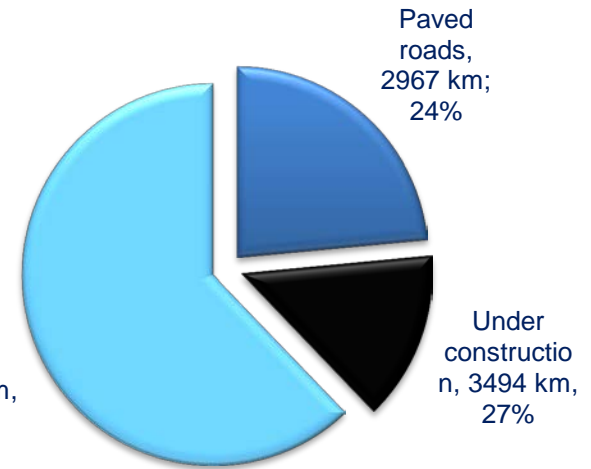
Road classification under Sub-clause 11 of “Law of Road” (1998.01.02):

1. International road
2. State roads
3. Local roads
4. Domestic roads of Organization and Factory

+ Specific roads

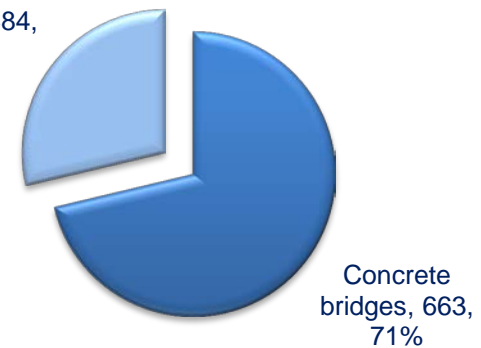
CURRENT DEVELOPMENT OF STATE ROAD NETWORK

TOTAL
State roads 12 722 km



Wooden bridges, 384,
29%

Bridges



STRATEGIC PLAN OF DEVELOPING ROAD NETWORK

NATIONAL DEVELOPMENT GOALS BASED ON MILLENIUM DEVELOPMENT PLAN

Government activity of Mongolia

International roads

Road network developing 6 sides program

Development plan of developing Mongolian roads until 2020

Plans of Government from 2012 to 2016

Urban roads

Master plan for Ulaanbaatar

Master plan of developing road network of Ulaanbaatar

Mayor's action plan in 2012-2016

Local roads

There is no well arranged plan of developing local roads

Need to develop well arranged plan

Roads for transporting products of mining

There is no plan for minerals and mining

Need to develop well arranged plan

INVESTMENT PLAN FOR EACH YEAR

NEW DEVELOPMENT MID-TERM TARGET PLAN

Approved by Parliament decision number 36 of 2010.06.24

*100 000 family
accommodation*

*Project of developing 96
soum*

*Creation project of Road
sector*

*Project of reducing air
pollution in Ulaanbaatar*

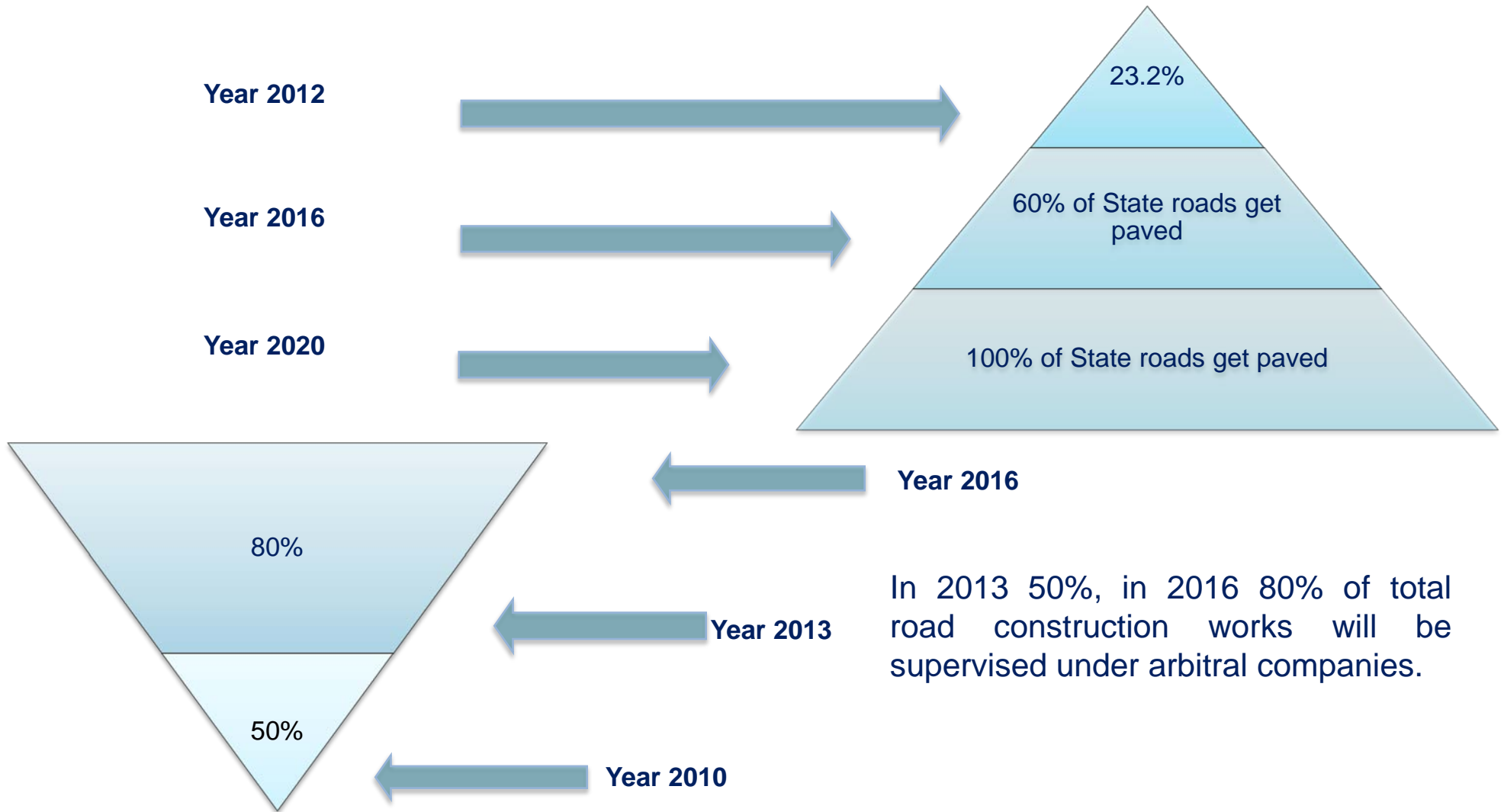


- Construction work 5572 km paved State road*
- Construction work of 990 km highway Altanbulag-Ulaanbaatar-Zamiin-Uud*
- Construction work of 212 km paved road, and 7 bridges in Ulaanbaatar*
- Upgrading work of 350 km paved road in Ulaanbaatar*

NEW DEVELOPMENT MID-TERM TARGET PLAN



ROAD NETWORK DEVELOPING GOAL



In 2013 50%, in 2016 80% of total road construction works will be supervised under arbitral companies.

ROAD SECTOR HUMAN RESOURCE AND MAND POWER

405 Certified road construction companies

Of which

81 road construction companies work actively and construct 90% of the total road construction works

In 2012, 8342 people are in road sector of which 643 people are professional engineers

Formation of Technologist preparation and long and short time training of Road sector

Schooling of Bachelor, Master and Doctor

- Abroad
- MUST SCEA
- TTC

Career enhancement training

- Engineer
- Economist
- Quantity surveyor

Preparation of professed workers

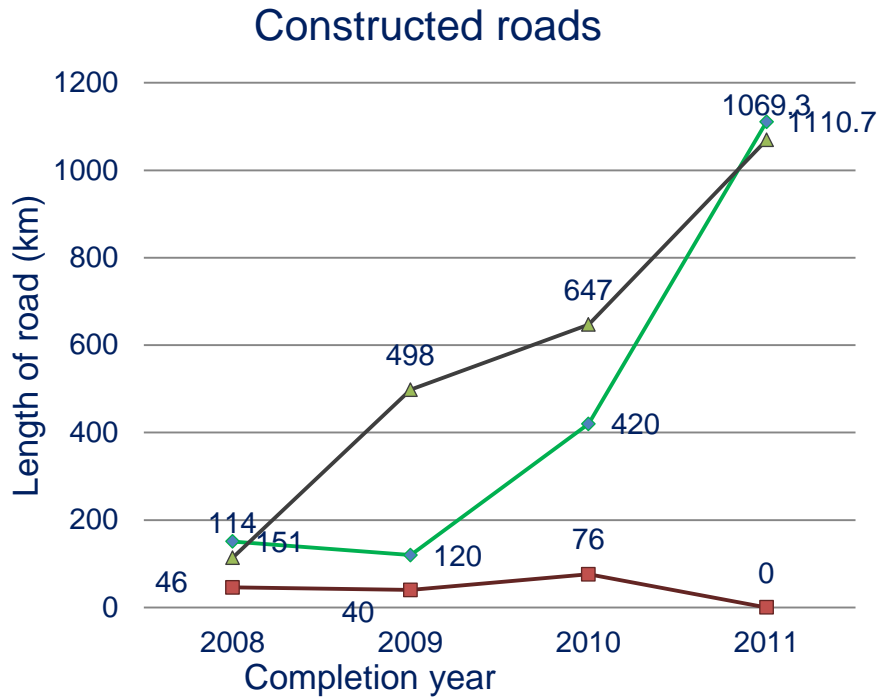
- Road worker
- Machinist
- Laboratory worker

Other training

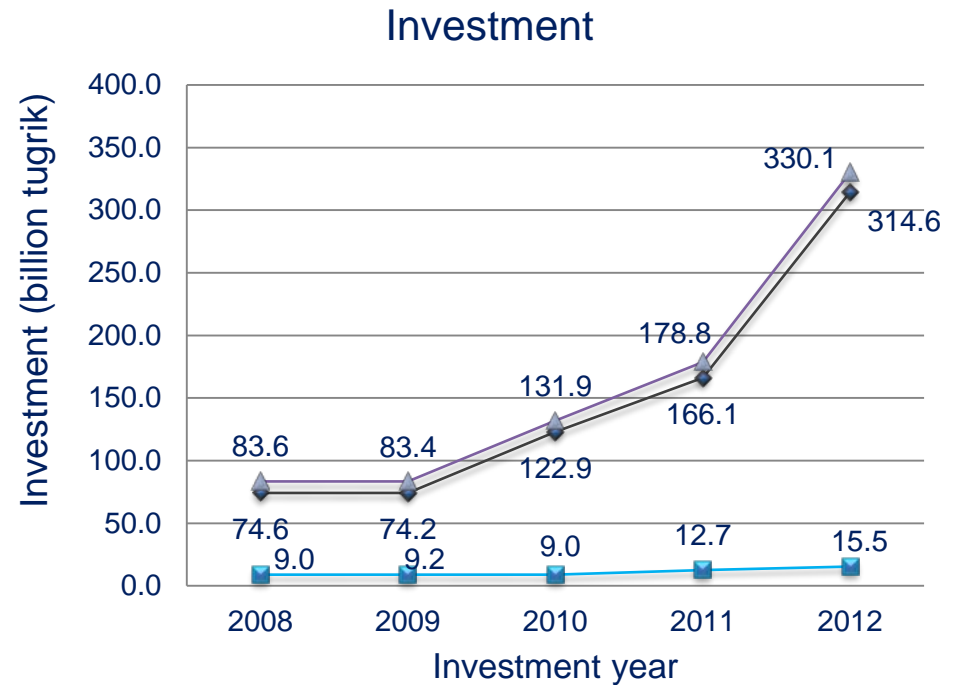
Supervision engineer's training

- Domestic and foreign training and seminar
- Under foreign funded project

ROAD CONSTRUCTION WORKS OF LAST 4 YEARS

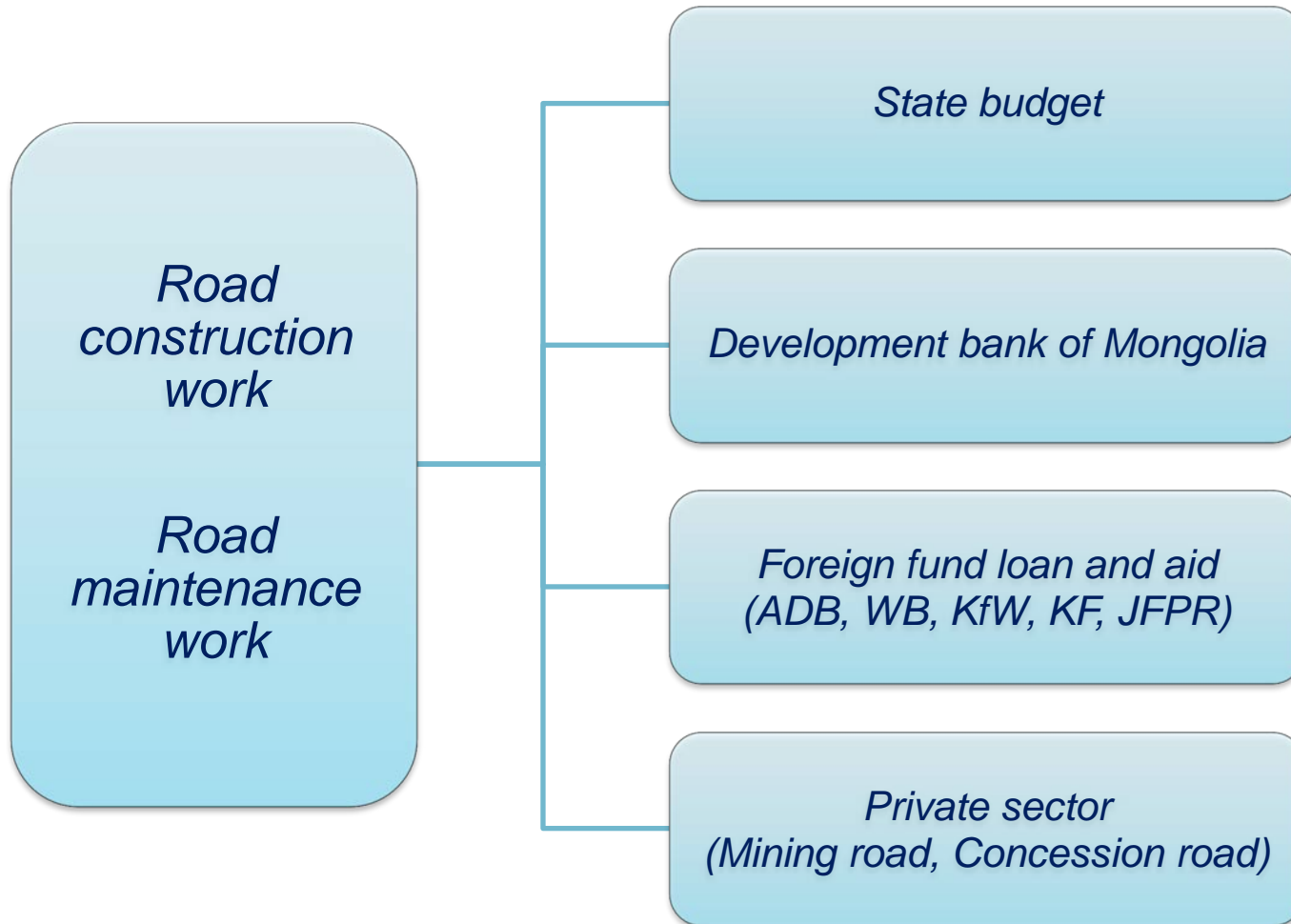


◆ Paved road /km/
■ Gravel road /km/
▲ Concrete bridge //m/

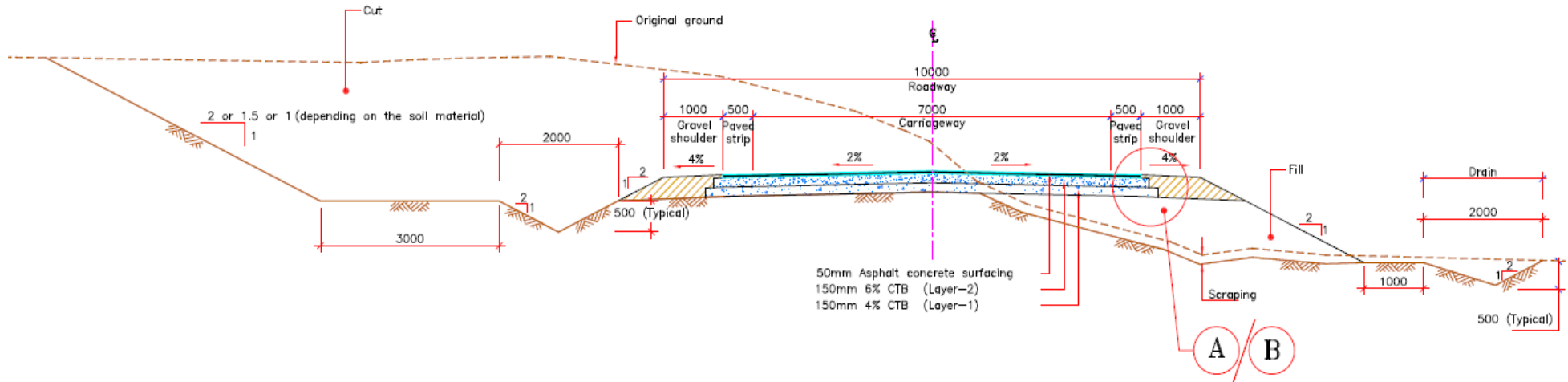


◆ Investment for road construction
■ Investment for road maintenance
▲ Total investment

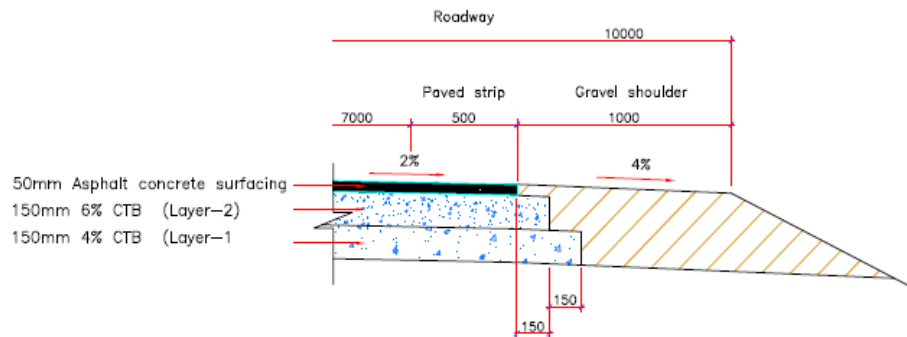
INVESTMENT SOURCES FOR ROAD SECTOR



ASPHALT CONCRETE CEMENT STRENGTHEN BASE

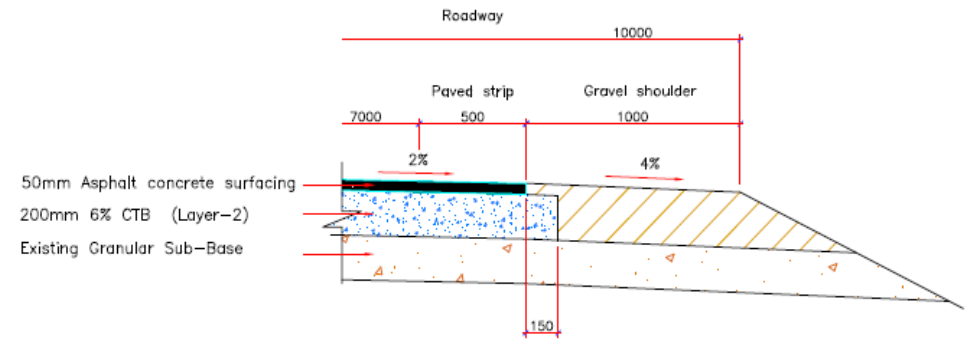


TYPICAL CROSS-SECTION SHOWING PAVEMENT STRUCTURE AND RELATED ROAD FEATURES



All other stretches except shown at B

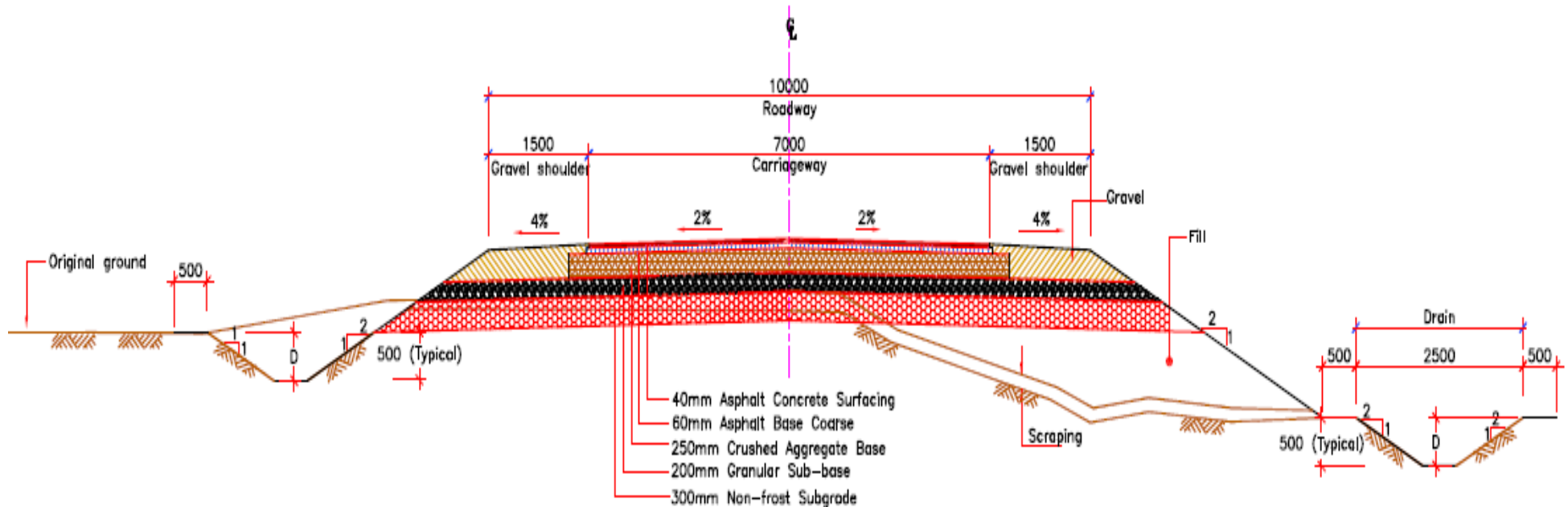
Detail-A



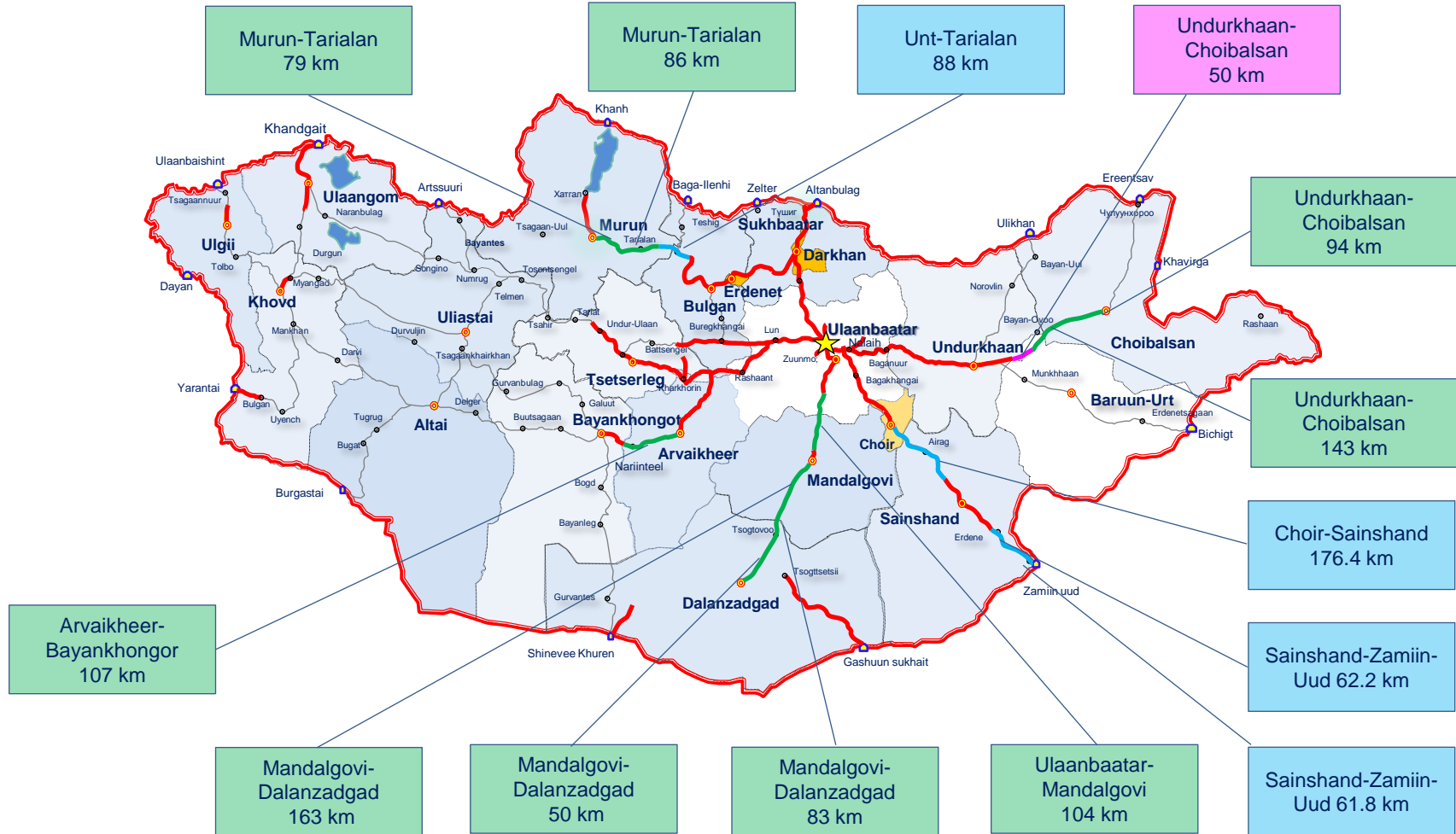
X-section where GSB exists

Detail-B

ASPHALT CONCRETE CRUSHED AGGREGATE BASE



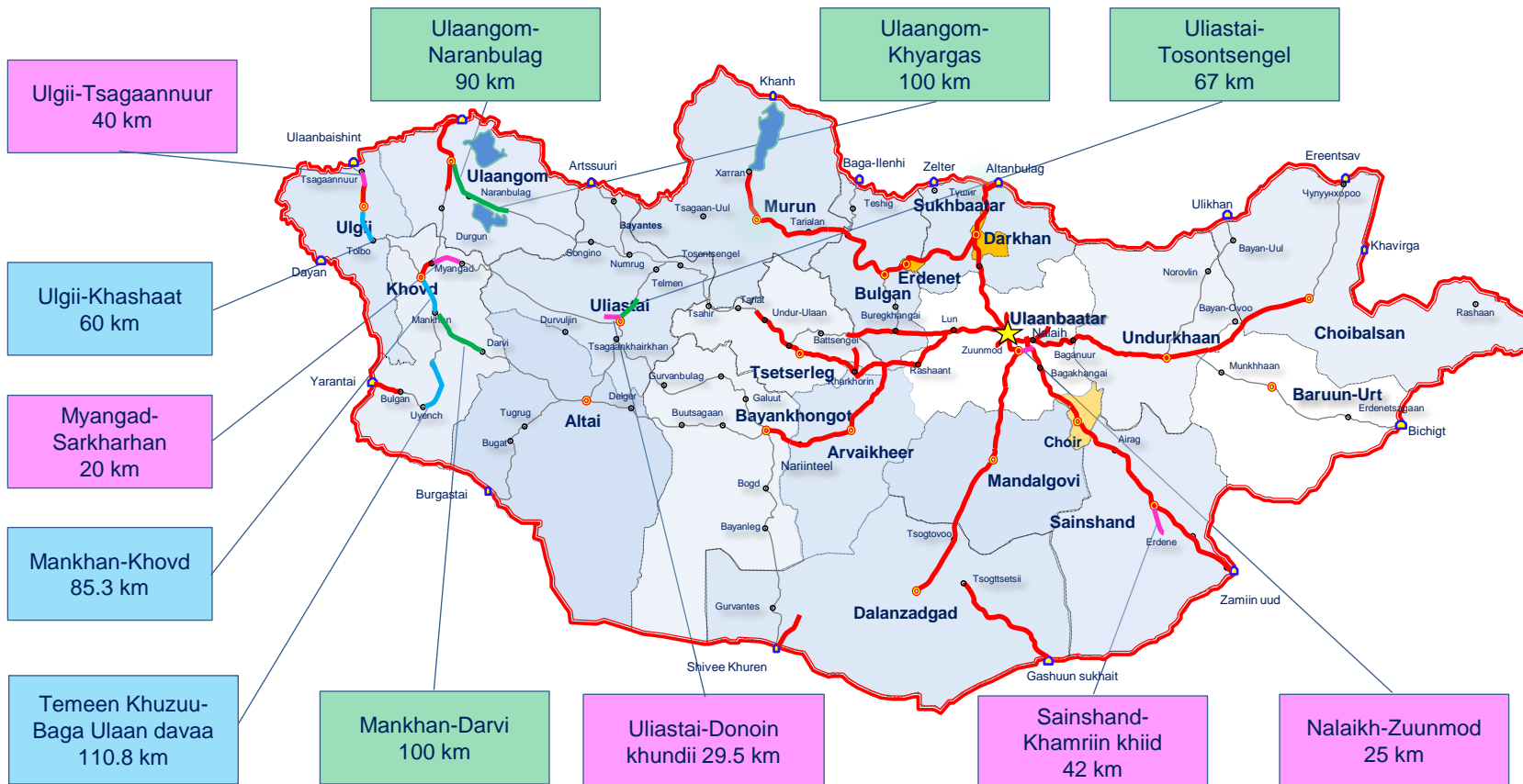
IN 2013 6 PROVINCES WILL BE JOINED TO ULAANBAATAR BY PAVED ROAD



- By state budget
- Development bank of Mongolia
- Foreign fund loan and aid

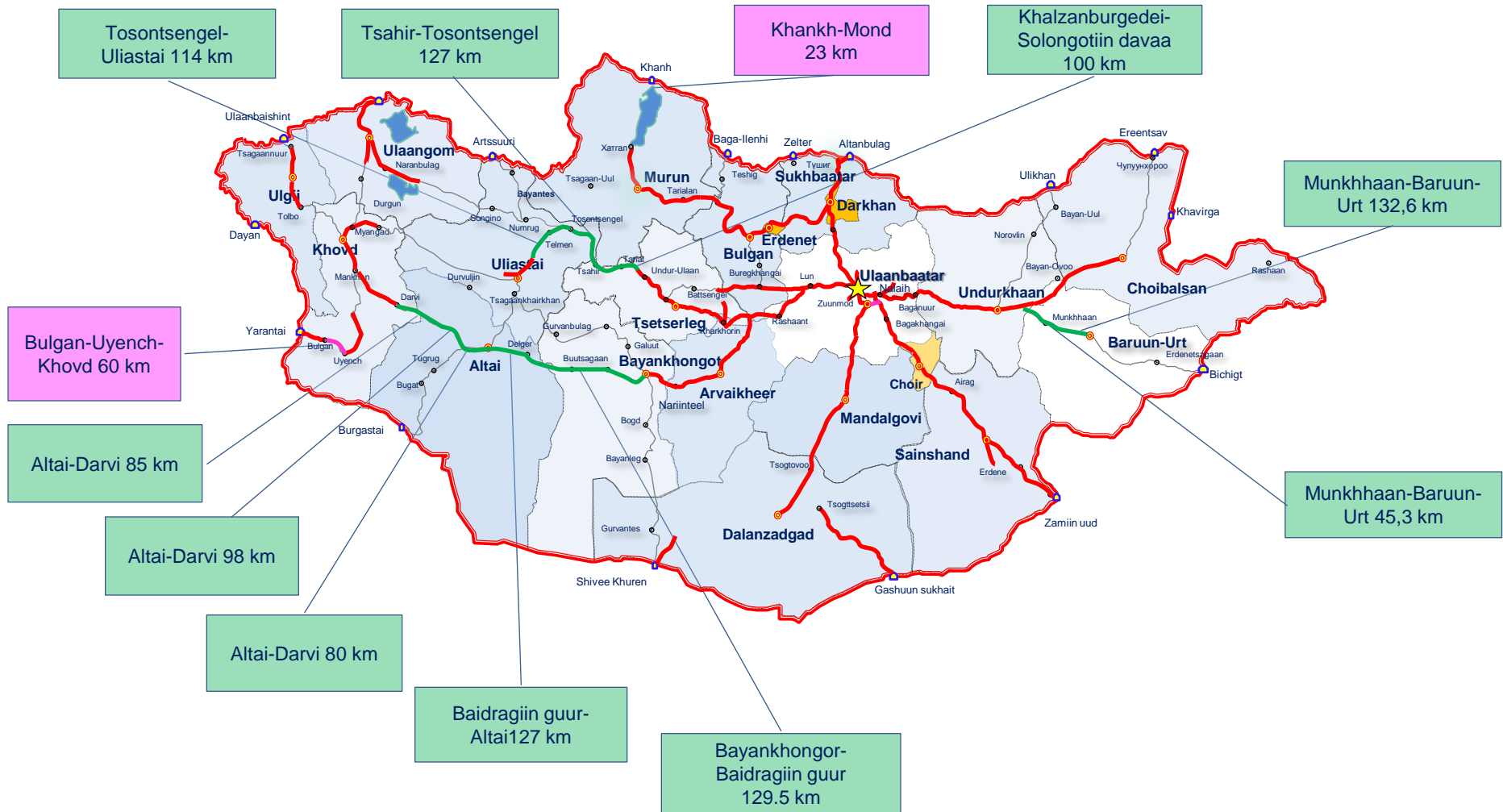
No	Investment source	No. of project	Length /km/
1	State budget	1	50.0
2	Development bank investment	Construction work	909.0
		Supervision work	
3	Foreign fund loan and aid	4	388.4
Total		14	1,347.4

OTHER ROAD CONSTRUCTION WORKS TO BE COMPLETED IN 2013



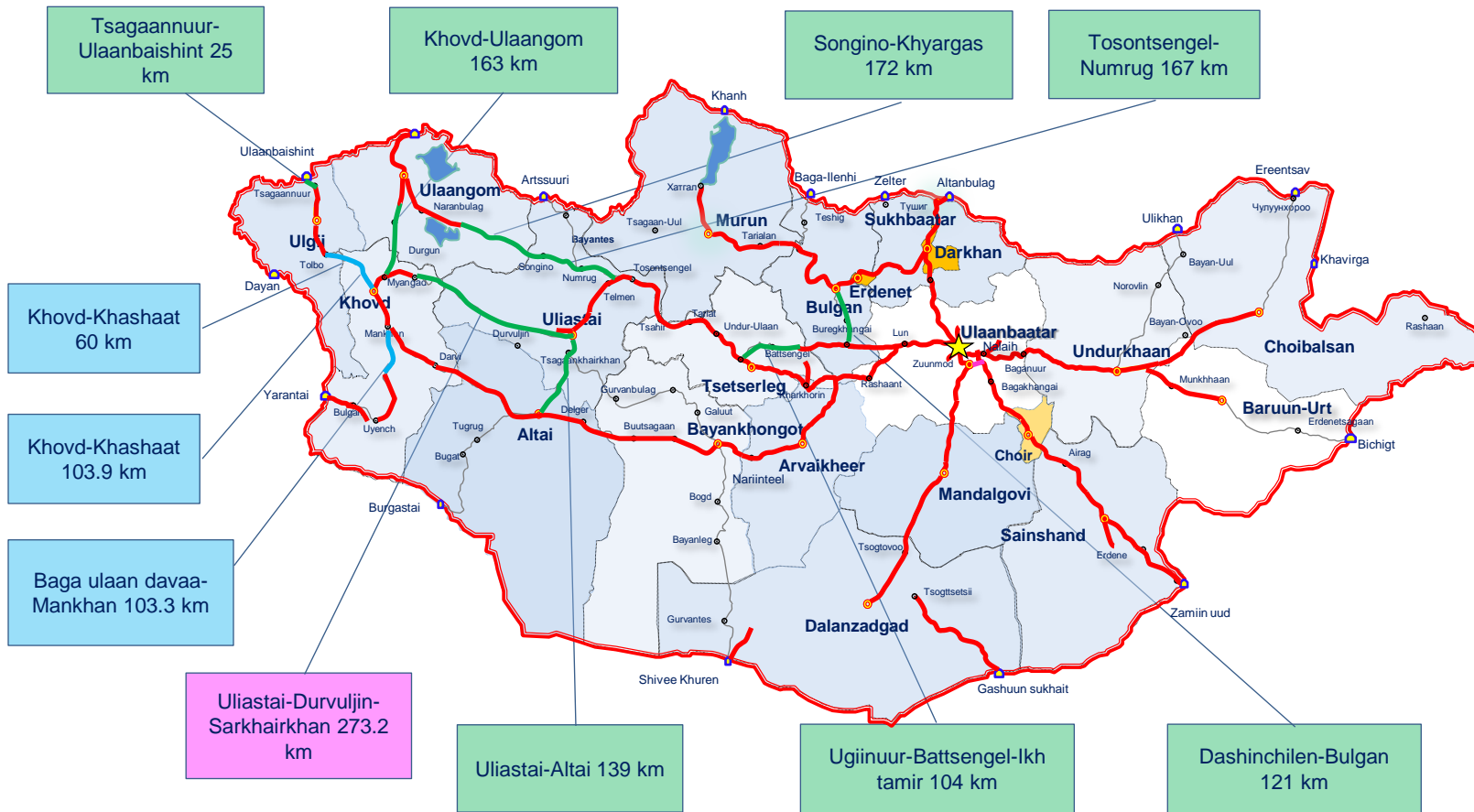
—	State budget	156.5 km
—	Development bank of Mongolia	357 km
—	Foreign fund loan and aid	256.1 km

ROAD CONSTRUCTION WORKS TO BE COMPLETED IN 2014



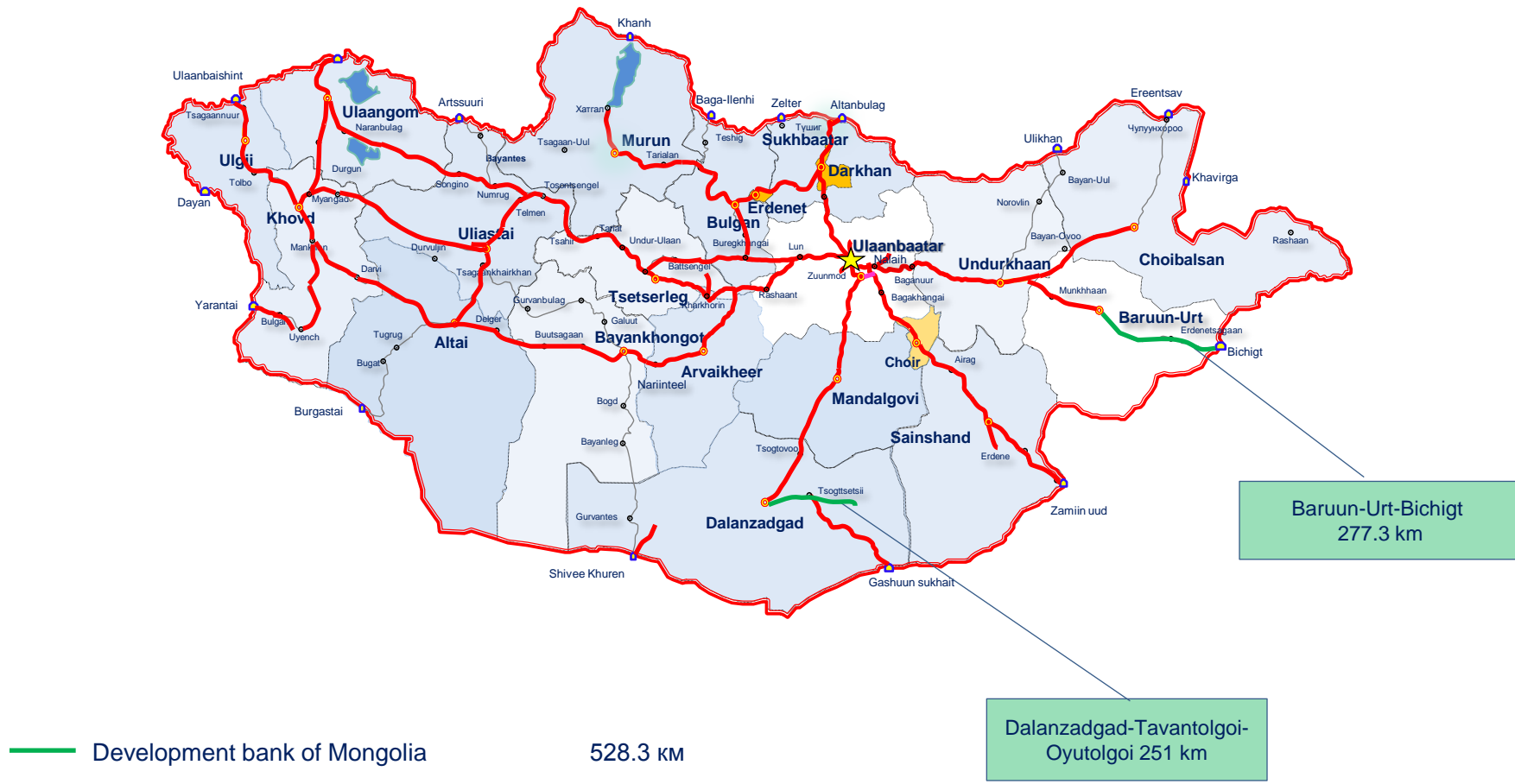
- State budget
- Development bank of Mongolia
- Foreign fund loan and aid

ROAD CONSTRUCTION WORKS TO BE COMPLETED IN 2015



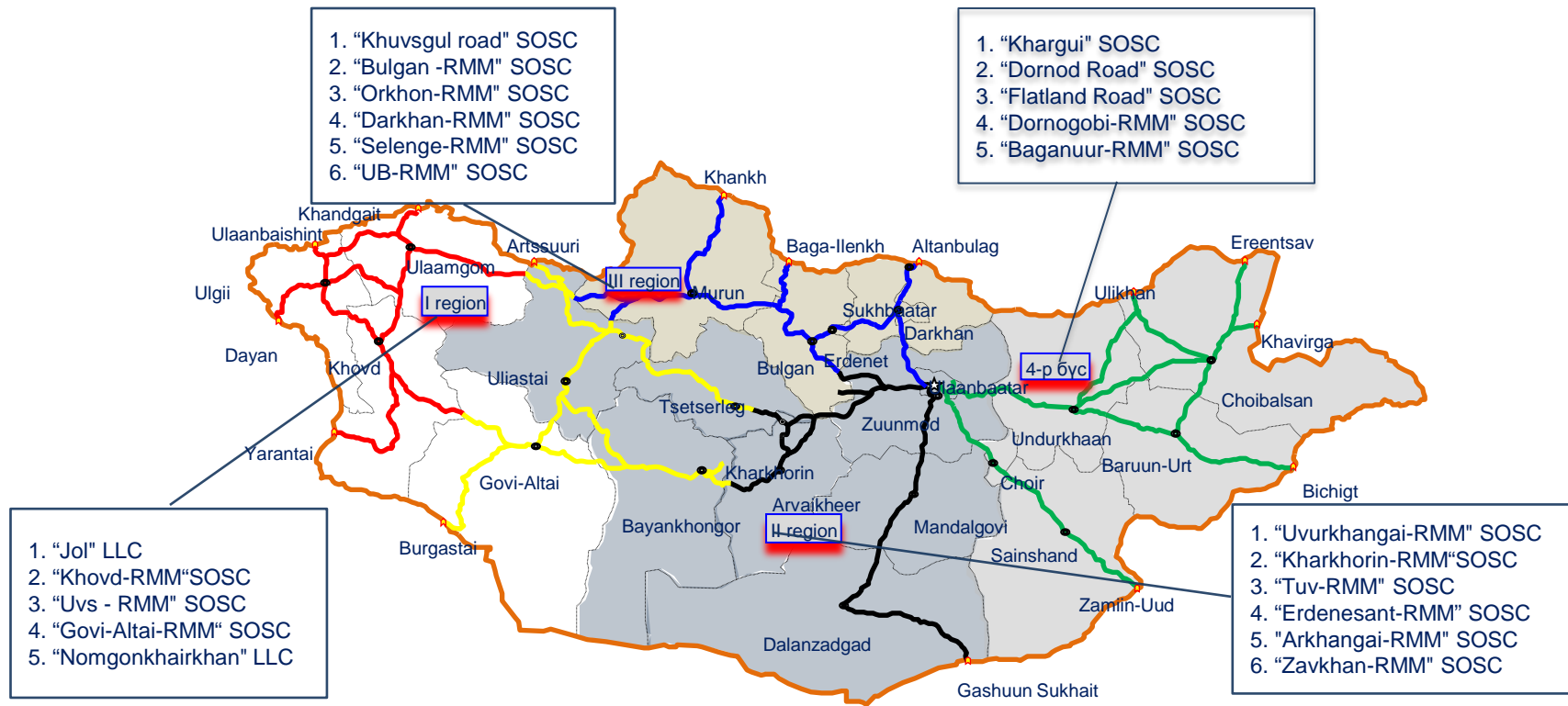
- Other sources 273.2 km
- Development bank of Mongolia 891 km
- Foreign fund loan and aid 267.2 km

ROAD CONSTRUCTION WORKS TO BE COMPLETED IN 2016



In 2013-2016, total **5469.35** km paved road, **3683.7** l/m concrete bridge works will be completed.

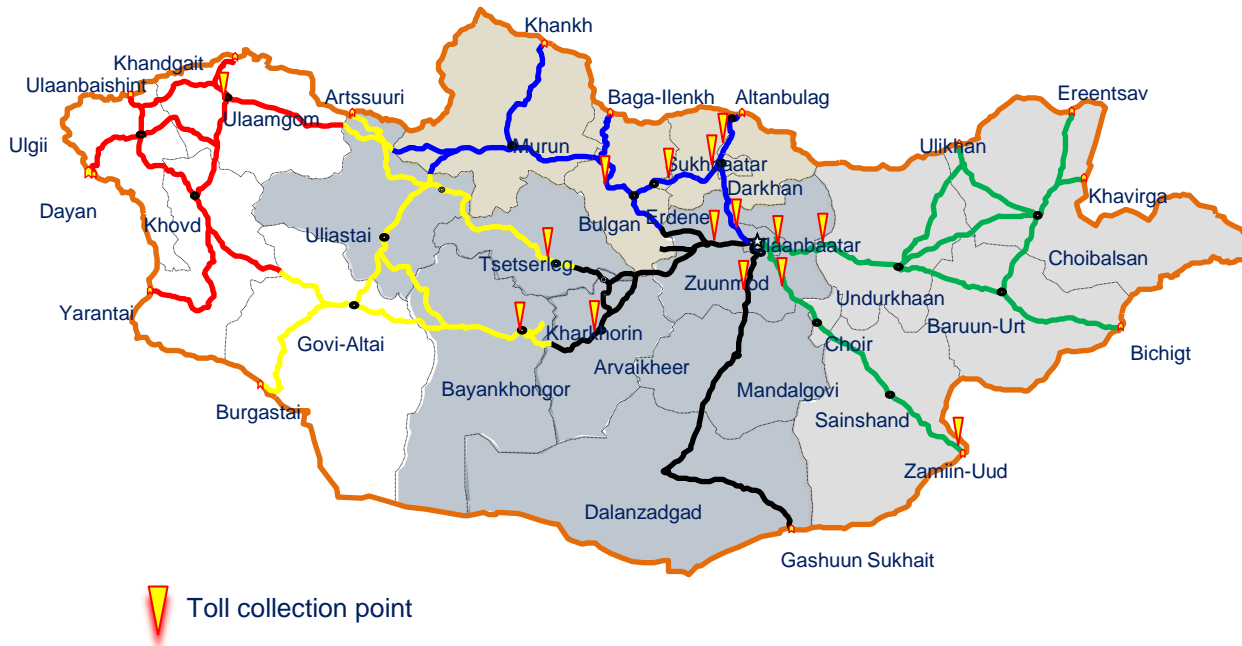
ROAD MAINTENANCE AND MOTHERING COMPANIES



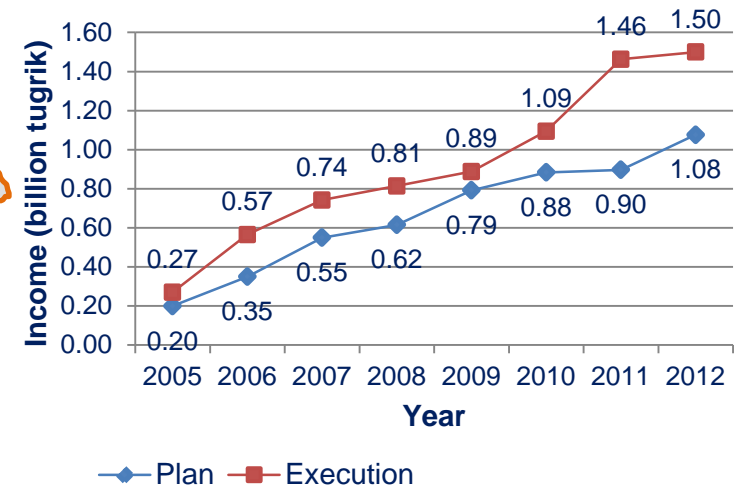
Region		Road length /km/	Companies
I region	Western	3576.02	5
II region	Central	4032.41	6
III region	Northern	1868.19	7
IV region	Eastern	3294.77	5

In 4 regions there are 19 state owned shareholder companies and 4 private sector companies are doing the maintenance and mothering works for total 12 722 km state roads.

TOLL COLLECTION OF ROAD USAGE



Income plan achievement



There are 16 toll collection points along the International and State road of Mongolia.

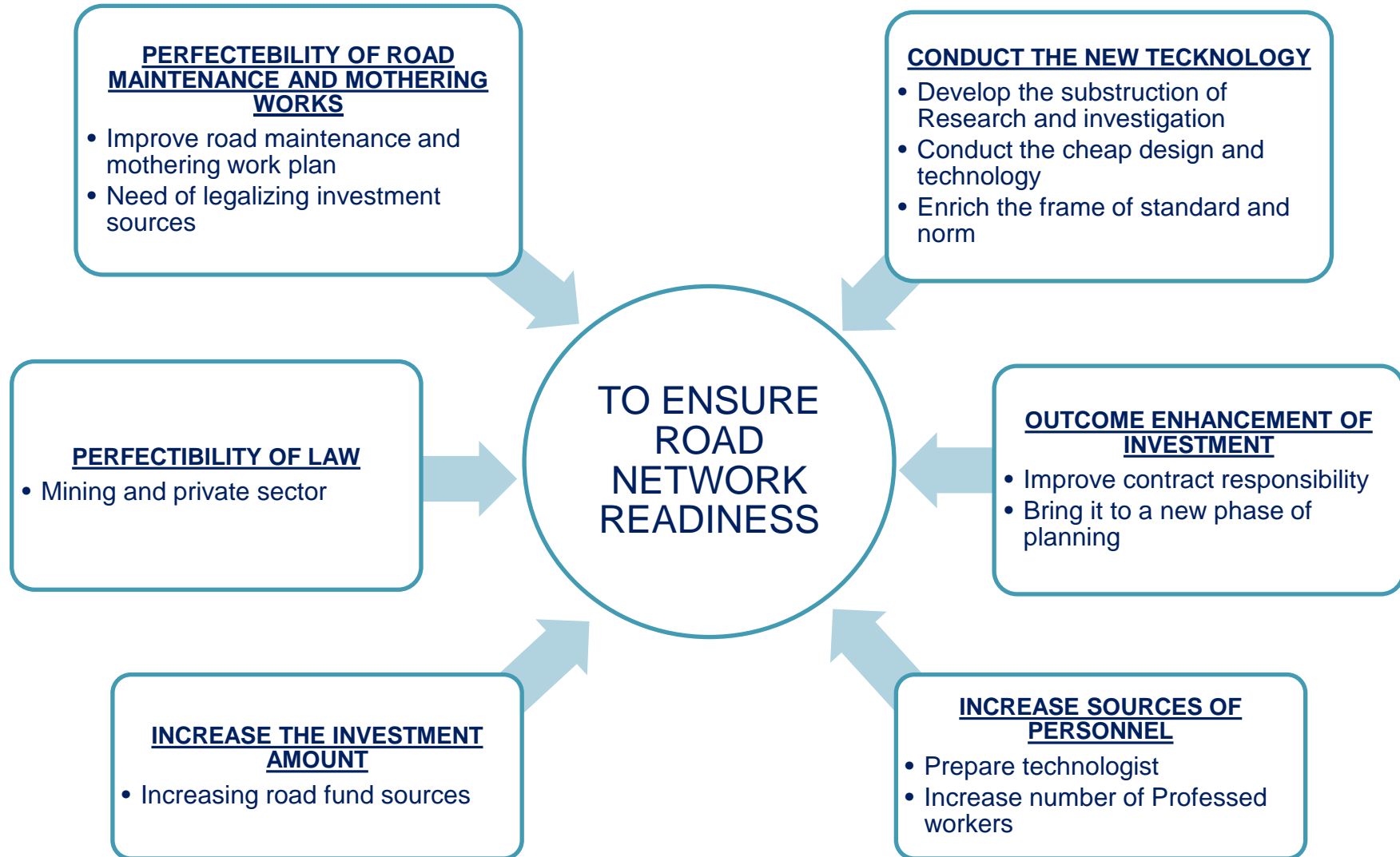
URGENT WORKSHOPS

There are 42 workshops to prevent the roads driven over hills to be blocked by snow or other natural hazards while winter season comes.



In total there are 164 road workers, 41 master, 135 machinist, 93 machines and mechanism, and 42 service cars under work.

MEASURES TO BE TAKEN FURTHER



THANK YOU