



# Existing Road Maintenance in Mongolia

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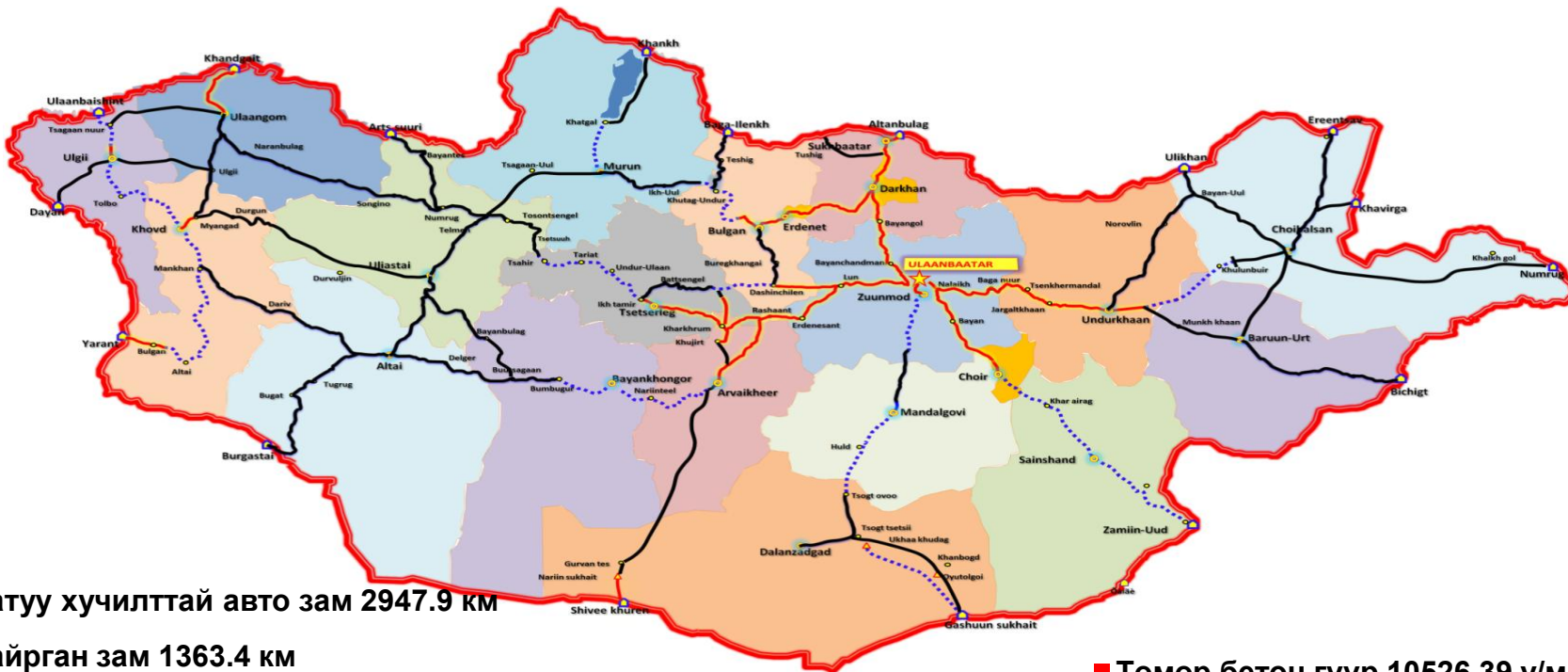
Ministry of Transport, PRC  
Transport and Communication Division,  
Central & West Asia Department, ADB  
CAREC Institute  
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- ▶ **Mongolia is a country located in East and Central Asia. It borders with Russia in the north and China in the south, east and west.**
- ▶ **The territory is about 1 million 500 thousand square meters.**
- ▶ **Our population is about 2 million 800 thousand people.**
- ▶ **The capital city is Ulan Bator.**
- ▶ **The population of Ulaanbaatar is about 1 million 600 thousand.**
- ▶ **About 95% of the population is Mongolian, and 5% – Kazakhs and others.**
- ▶ **Administrative–territorial division is 21 aimags (provinces), 315 soums (districts)**

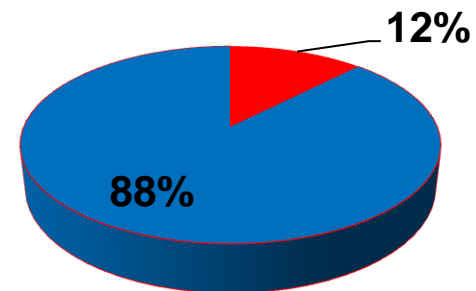
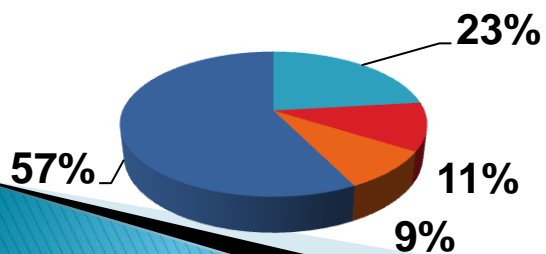


# TYPES OF HIGHWAYS AND BRIDGES OF NATIONAL VALUE



- Хатуу хучилттай авто зам 2947.9 км
- Хайрган зам 1363.4 км
- Сайжируулсан шороон зам 1111.8 км
- Ердийн хөрсөн зам 7298.9 км

- Төмөр бетон гүүр 10526.39 у/м
- Модон гүүр 1482.7 у/м



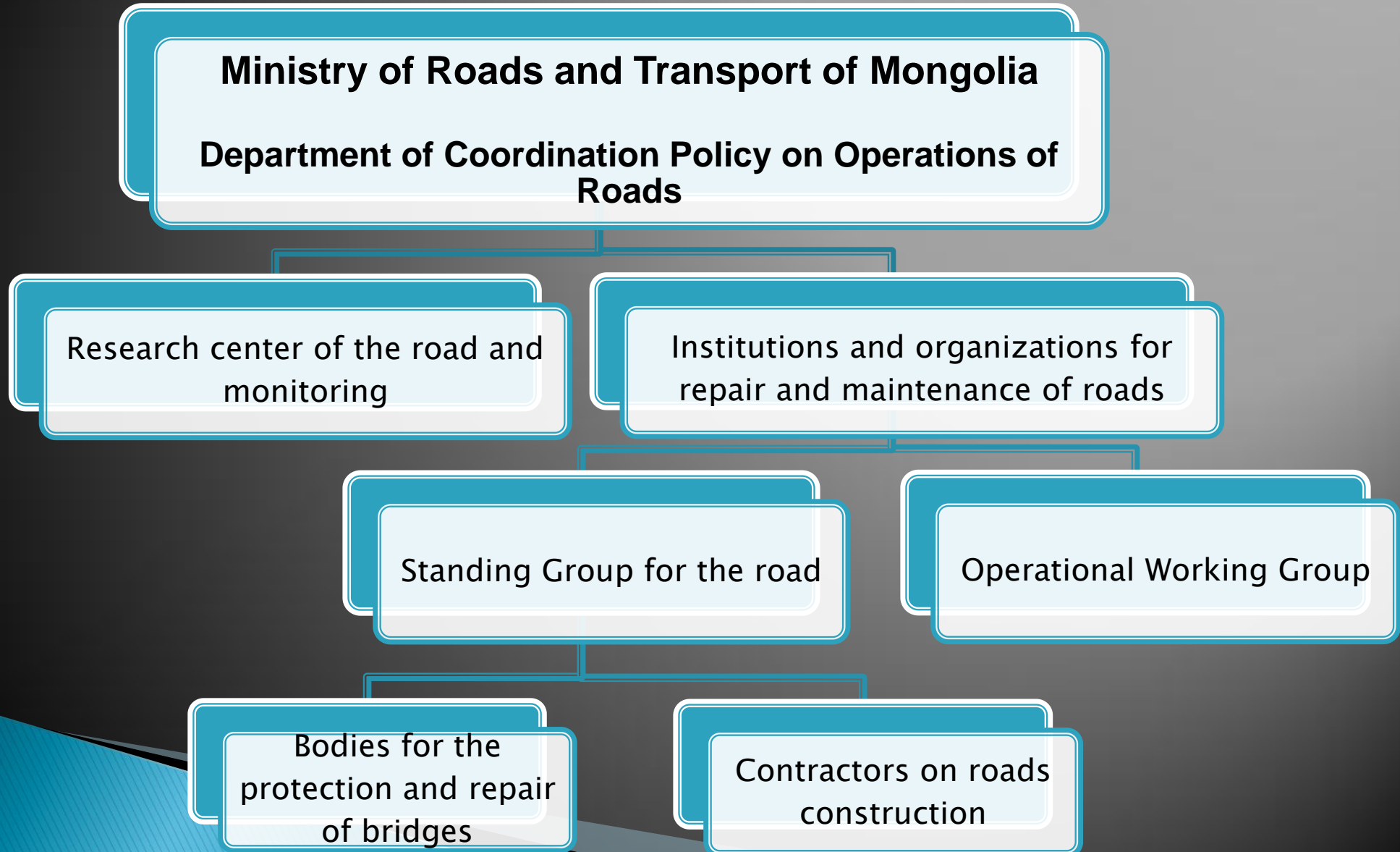
# Classification of the road network of the Mongols







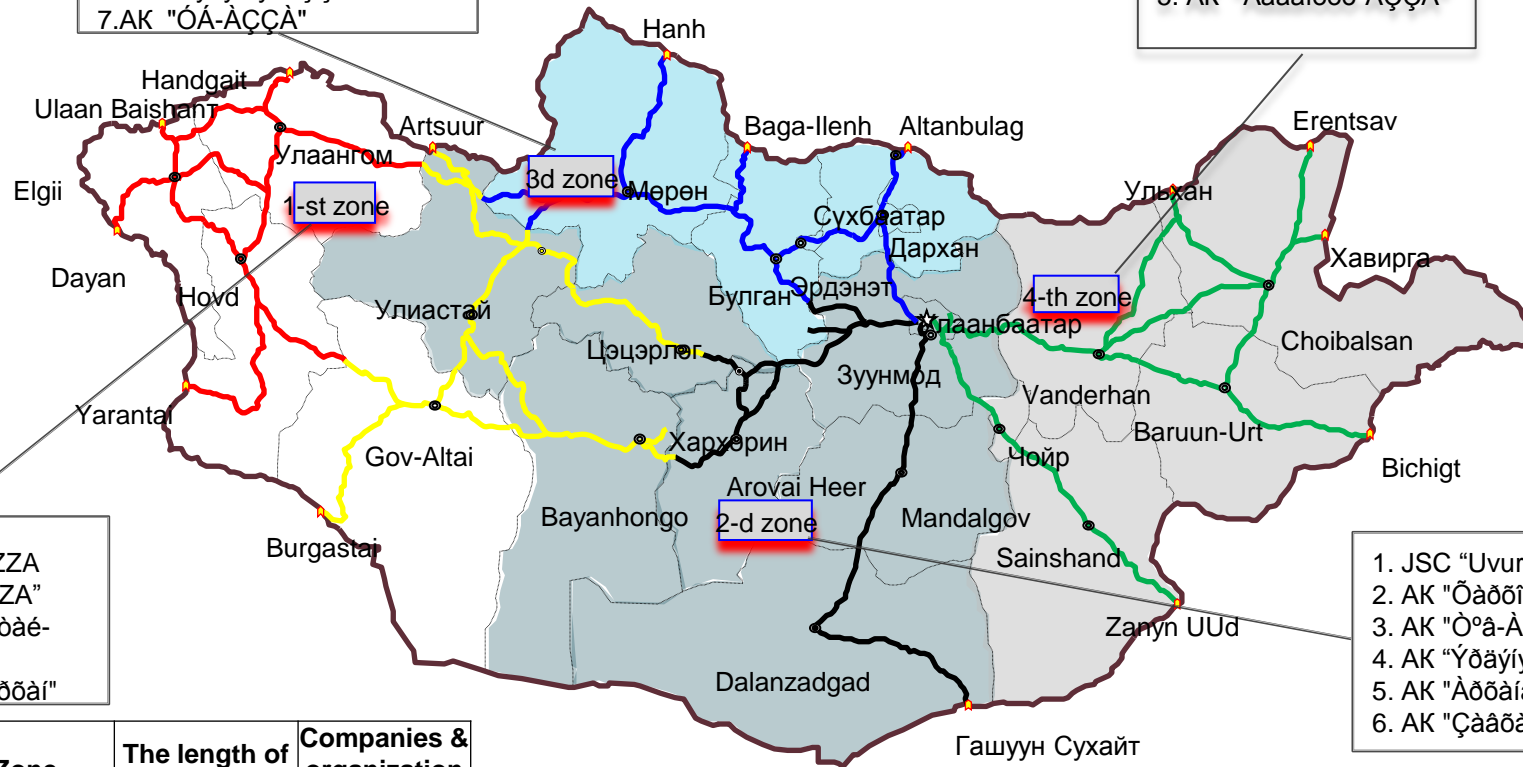
# The organization scheme of repair and maintenance of roads



# ORGANIZATIONS ON ROAD MAINTENANCE

1. KOO "Õ°añã°è çàì"
2. AK "Õ°añã°è-ÀÇÇÀ"
3. AK "Áóëääí-ÀÇÇÀ"
4. AK "Íðõíí-ÀÇÇÀ"
5. AK "Áàððàí-ÀÇÇÀ"
6. AK "Ñüëýíäý-ÀÇÇÀ"
7. AK "ÓÁ-ÀÇÇÀ"

1. AK "Õàðãóé"
2. AK "Ãíðíã ààðí çàì"
3. AK "Òæùí çàì"
4. AK "Ãíðíãíãü-ÀÇÇÀ"
5. AK "Áàãáíóóð-ÀÇÇÀ"



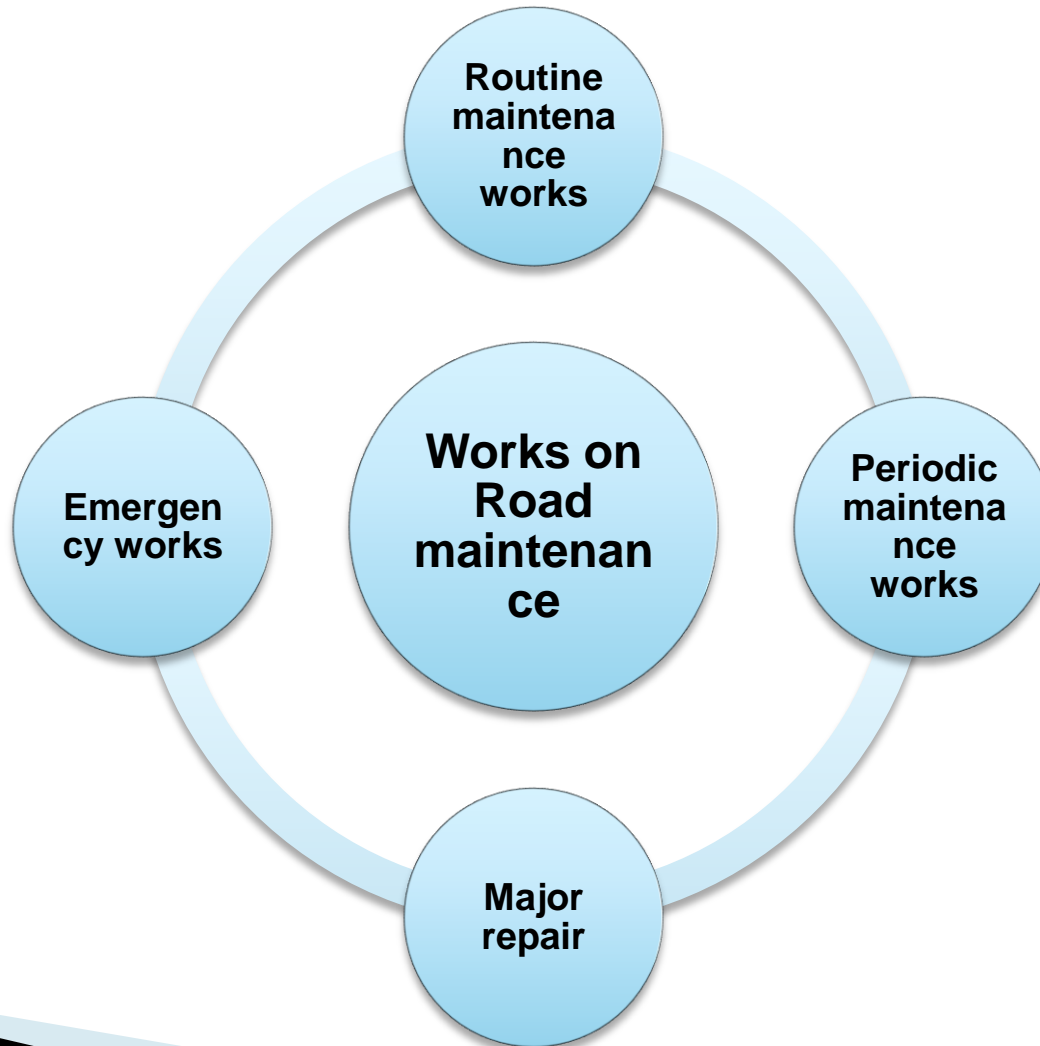
1. KOOjJol"
2. JSC "Hovd-AZZA"
3. JSC "UVS-AZZA"
4. JSC "Ãíãü-Àèðàé-ÀÇÇÀ"
5. KOO "Ííãííðàéððàí"

1. JSC "Uvurhangai-ASSA"
2. AK "Õàððíðèí-ÀÇÇÀ"
3. AK "Ò°á-ÀÇÇÀ"
4. AK "Ýðäýíýñáíò-ÀÇÇÀ"
5. AK "Áððáíãàé-ÀÇÇÀ"
6. AK "Çããðàí-ÀÇÇÀ"

Zone	Zone	The length of roads	Companies & organization s
1st zone	Western	3576.02	5
2d zone	Central	4032.41	6
3d zone	Northern	1071.49	7
4th zone	Eastern	3294.77	

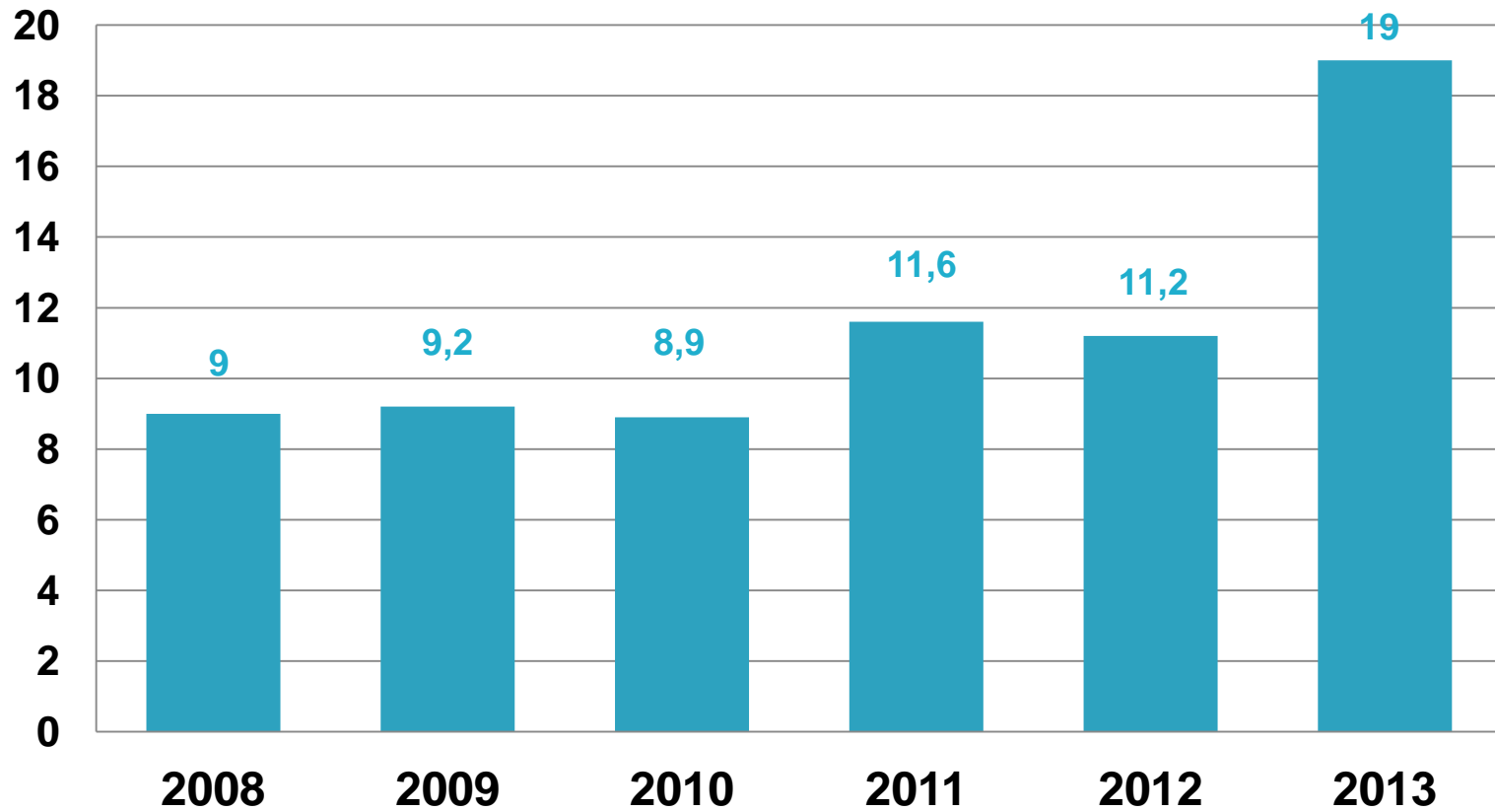
Road network of state is divided into four zones, which osuschesvlyaetsya work on the repair and maintenance dorog. Rabota repair and maintenance 12,722 km state roads by 23 companies, including 19 companies chastnog sector.

# TYPES OF WORKS ON ROAD MAINTENANCE





## Investments on road maintenance /billion tugrug





# Existing System

- ▶ In Mongolia, a large amount of work on repair and maintenance of roads are implemented every day for the funds from the state budget and the Roads Investment Fund of Mongolia.
- ▶ Ministry of Roads and Transport of Mongolia as a Client signs a contract with executing agencies, responsible for the roads, for repair and maintenance at the expense of
- ▶ The Road Fund for a period of one year on the repair and maintenance of roads based on the outputs.

# Advantages

- ▶ -Effective use of funds
- ▶ -Increasing the liability of the executors
- ▶ -Timely planning
- ▶ -Timely implementation of the maintenance works



# Disadvantages

- ▶ Lack of funds to do the all volume of works on repair
- ▶ Works on repair of roads are not completed within the required standard period
- ▶ Too many steps to get financing and it requires a long time to go through

# Key Issues

## ▶ Issues

- ▶ Actual works on road maintenance are not included into the planning
- ▶ Works on repair of roads are not completed within the required standard period
- ▶ The introduction of modern internationally used technologies and techniques are very slow.

## ▶ Measures

- ▶ Establishment of research centers and road inspection institutions will allow to improve planning on the basis of surveys.
- ▶ International projects should be set as priority direction with findings on infrastructure and which would lead to the annual increase of budgets for roads maintenance.
- ▶ The development of our mining ore industry would attract more foreign investors .
- ▶ The establishment of roads companies and organizations responsible for every 100-150km would be responsible for the road maintenance as well.

THANK YOU FOR YOUR ATTENTION