



MINISTRY OF ROAD AND
TRANSPORT DEVELOPMENT OF
MONGOLIA

TRANSPORT STRATEGY OF MONGOLIA



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Department

AGENDA



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Introduction



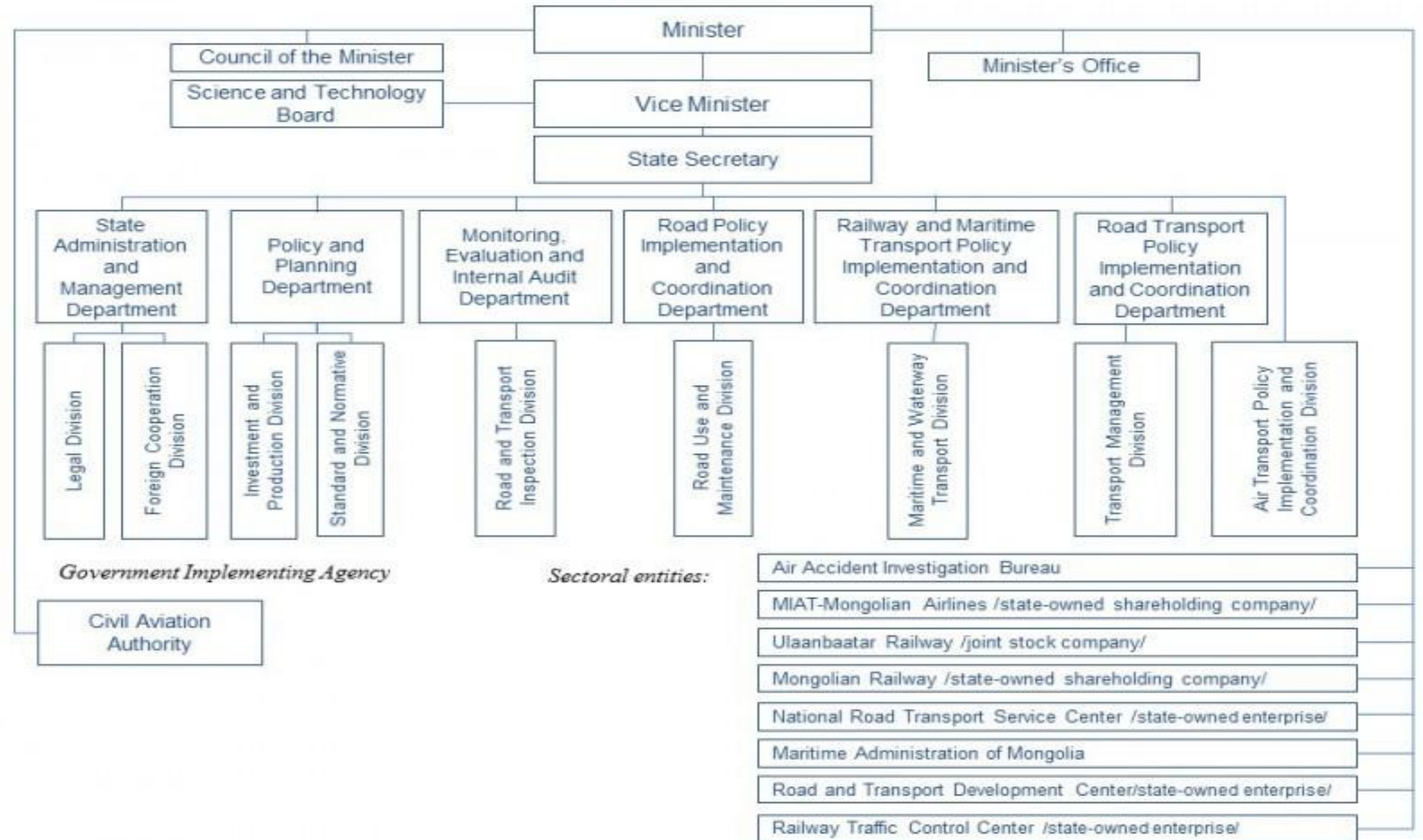
Country Overview



- Landlocked Country between Russian Federation and People's Republic of China;
- Mongolia is the 18th-largest and the most sparsely populated sovereign state in the world, with a population of around 3million people;
- Nomadic life cultures and traditions;
- Environmentally Sustainable Development;
- High Costs of the Infrastructure Development and Maintenance ;
- Traffic Accidents and Safety Issues.

Organization Chart and Main Goals of Ministry of Road and Transport Development, Mongolia

Ministry of Road and Transport Development of Mongolia is a government policy-making and implementing body committed to creating and developing an efficient transport network that is safe, secure and convenient to meet the needs of users and supportive to the growth of the country's economy. It puts efforts into expanding and improving national key transport networks including road, railway and air transport and develops and implements policies and regulations that are inductive to strong competitiveness and progress within transport sector.





Legal and Policy Framework

Legal and Policy Framework



- Road Law (Renewed by 2017)
- Waterway Transport Law (Renewed by 2017)
- Transport law (planning to renew)
- Railway Transport Law (planning to renew)
- Civil Aviation Law (planning to renew)
- Mongolia Sustainable Development Vision-2030, 19th Resolution of the State Great Hural, Mongolia, 2016
- Long term National Policy, up to 2045 (planning to develop)

Legal and Policy Framework

- Action Plan of Government of Mongolia for 2016-2020, 45th Resolution of the State Great Hural, Mongolia, 2016;
- Development Road Program, Government Resolution №142, 2017
- State Policy on Civil Aviation by 18th Resolution of the State Great Hural, Mongolia, 2013; (amended by 2018)
- State Policy on Railway Transport by 32nd Resolution of the State Great Hural, Mongolia, 2010 (amended by 2018),
- Three pillars Development Policy Program, Government Resolution №42, 2018
- State Policy on Road Transport by 321st Resolution of the Government of Mongolia, 2018
- Program on General functions of the Aviation Development, Government Resolution №120, 2018
- National Program on Road Transport Safety, Government Resolution №163, 2019
- State Policy on Road(planning to renew)

“New requirements and conditions of the Laws on Legislatives and General Administrates and Development Policy and Sustainable Development Vision-2030”

Digital Transformation of Mongolia

Legal & Policy Framework

- State Policy on ICT Development, 47th Resolution of the Government of Mongolia, 2017
- National Program on e-Government, Government Resolution №73, 2019
- Amended Laws on Communications, Posts and Radio Frequency, in 2019
- New procedures and standards for e-services and new technologies.

Regulatory Framework

- “e-Policy” Standing Committee of the State Great Khural (Parliament of Mongolia)
- “ICT Policy Council”, Chaired by Chief of Cabinet Secretariat and 22 members (all State Secretary of the Ministries)
- Establishing expert working groups from governmental agencies and companies

• Implementing Projects

- Introducing e-services and information systems in transport and others sectors

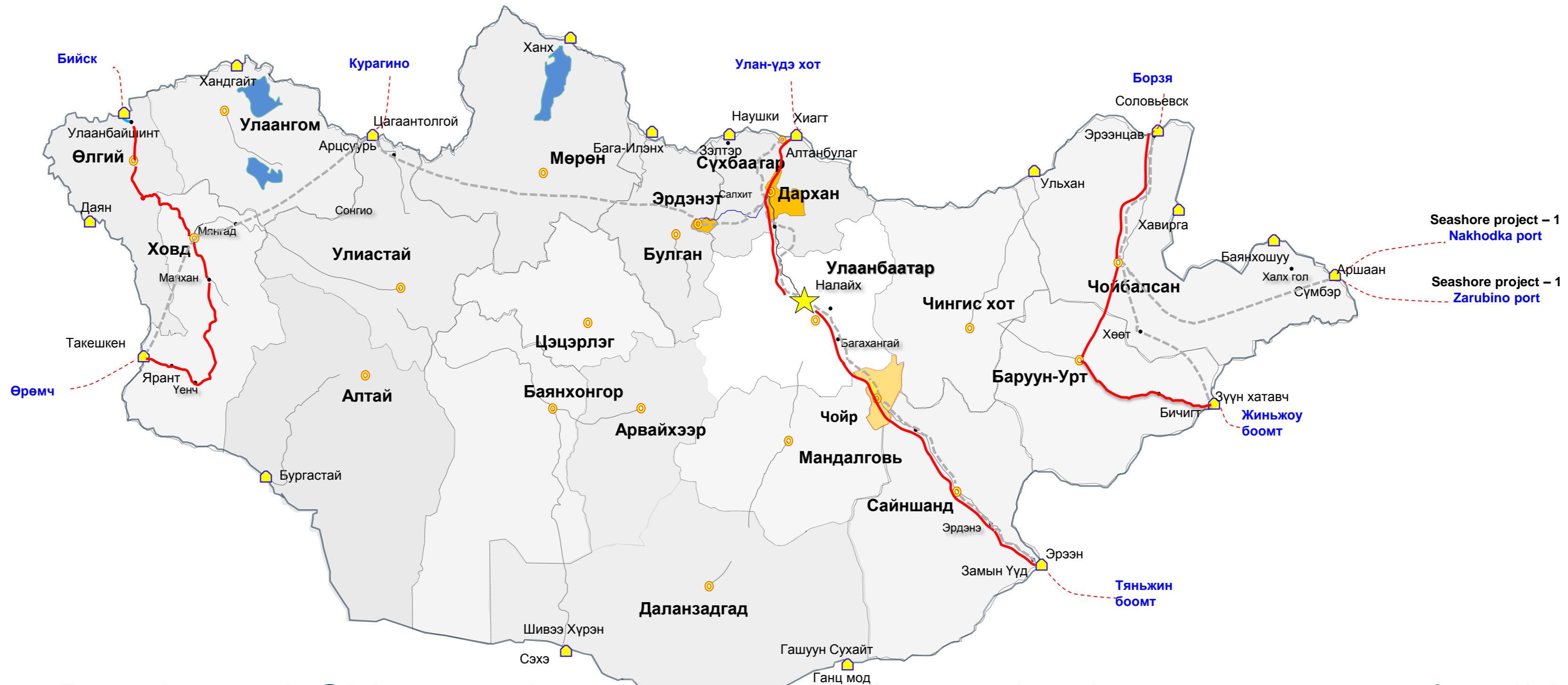


Regional Integration and Cooperation

Regional Integration and Cooperation

- TRANSPORT RELATED UN AGREEMENTS AND CONVENTIONS;
 - CONVENTION ON THE CONTRACT FOR THE INTERNATIONAL CARRIAGE OF GOODS BY ROAD (1956.05.19)
 - CONVENTION ON ROAD TRAFFIC (1968.11.08)
 - THE CONVENTION ON INTERNATIONAL TRANSPORT OF GOODS UNDER COVER OF TIR CARNETS (TIR CONVENTION)
- VIENNA PROGRAM OF ACTION FOR LANDLOCKED DEVELOPING COUNTRIES FOR THE DECADE 2014-2024;
- INTERGOVERNMENTAL AGREEMENT ON DRY PORTS;
- INTERGOVERNMENTAL AGREEMENT ON ROAD TRANSPORTATION ALONG THE ASIA HIGHWAY NETWORK BETWEEN GOVERNMENT OF MONGOLIA, RUSSIAN FEDERATION AND PEOPLES REPUBLIC OF CHINA;
- INTERGOVERNMENTAL AGREEMENT OF THE ACCESS TO AND FROM THE SEA AND TRANSIT TRANSPORTATION THROUGH CHINESE TERRITORY BY MONGOLIA, 2014-INSTEAD OF 1991;
- INTERGOVERNMENTAL AGREEMENT BETWEEN GOVERNMENTS OF MONGOLIA AND PEOPLES REPUBLIC OF CHINA ON DEVELOPING COOPERATION IN RAILWAY TRANSIT TRANSPORTATION;
- INTERGOVERNMENTAL AGREEMENT ON THE ACCESS TO AND FROM THE SEA AND TRANSIT TRANSPORTATION THROUGH RUSSIAN FEDERATION TERRITORY BY MONGOLIA 1992;
- INTERGOVERNMENTAL AGREEMENT BETWEEN GOVERNMENTS OF MONGOLIA AND RUSSIAN FEDERATION ON TERMS FOR RAIL FREIGHT TRANSIT TRANSPORTATION
- INTERGOVERNMENTAL AGREEMENT ON ROAD TRANSPORT BETWEEN GOVERNMENT OF MONGOLIA AND WITH KAZAKHSTAN, LATVIA, RUSSIAN FEDERATION, PEOPLES REPUBLIC OF CHINA, BELORUSSIA, TURKEY, DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA , HUNGARY
- To planning to establish Intergovernmental Agreements on Road Transport with Germany, Poland, Czech, Georgia, Slovakia

Mongolia-Russia-China Economic Corridor

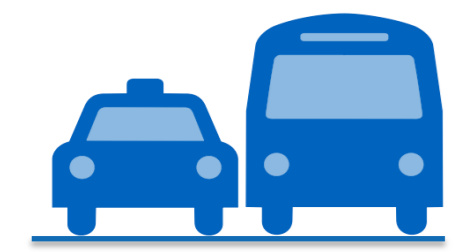


As part of Mongolia, Russia and Chinese trilateral partnership mechanism, to prepare feasibility study and commence partial works of Regional cooperation planning center and previously agreed projects in the infrastructure sector.

“Study project on optimal development of road and transportation network within the Framework of Economic Corridor” is financed by Science and Technology Fund, Mongolia.



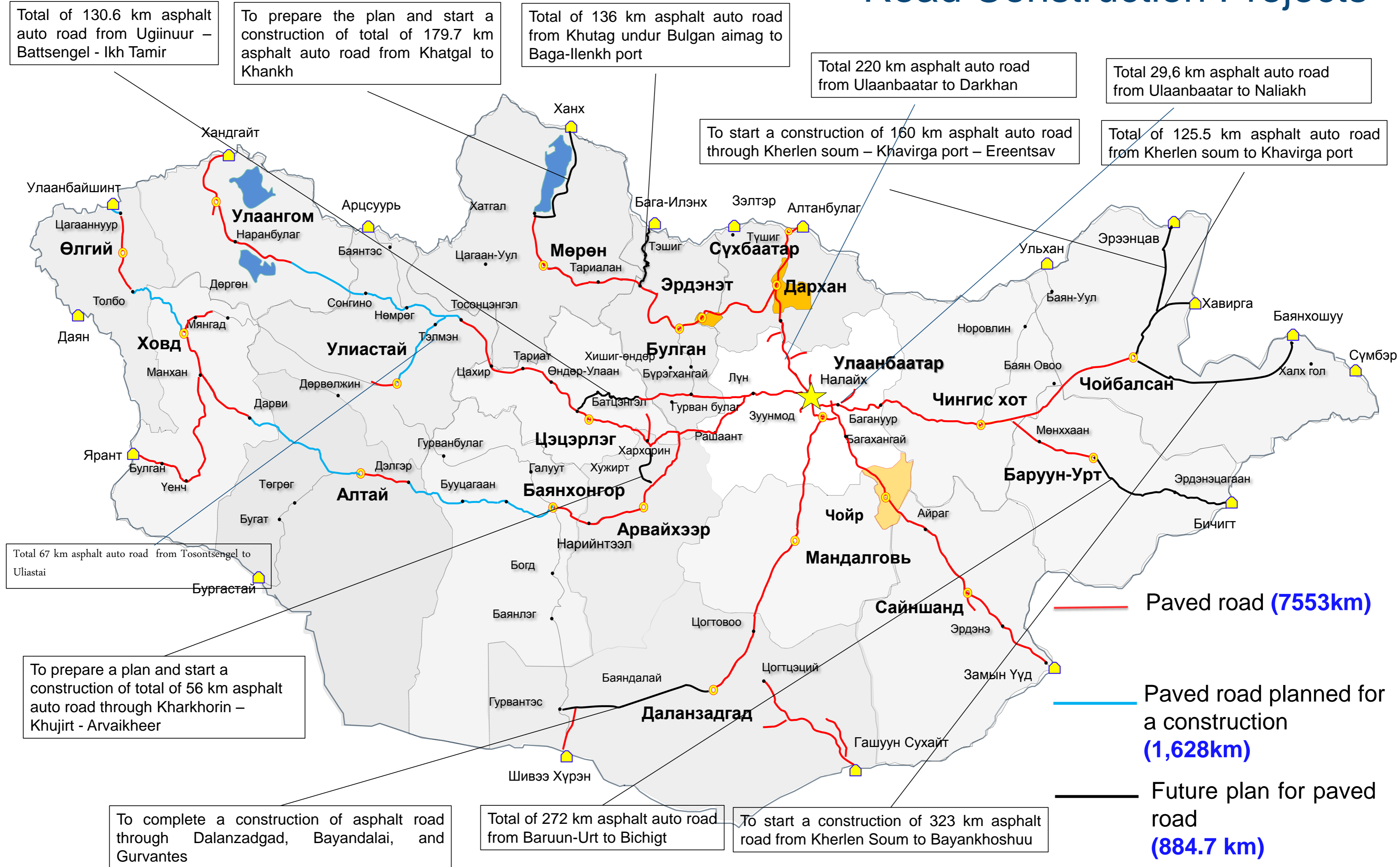
Projects and Initiatives



ROAD TRANSPORT



Road Construction Projects





Main Road and Bridge Construction Projects

- **Highway project from Ulaanbaatar to New International Airport in Hushigt Valley, (Chinese soft loan, 32.2 km, 2016-2019)**
- **Constructing new Bridges in Ulaanbaatar area (Yarmag, Sonsgolon, Zamyn Tsagdaa, Byanzurkh etc)**
- **The extension and renovation of the 204,1 km paved road connecting Darkhan and Ulaanbaatar cities are implemented with the ADB and EBRD soft loans. The project is to be implemented from 2019 to 2021 with the total cost of the project is 260 million USD**
- **The extension and renovation of the 20.9 km paved road connecting Nalaikh and Choir from Gatsuurt junction of Ulaanbaatar city are implemented with the Chinese soft loan. The project is to be implemented from 2019 to 2020 with the total cost of the project is 36.5 million USD.**
- **189.7 km paved Western road construction project funded by ADB and Government of Mongolia, completion rate is around 80 % and will be completed by 2020. The total cost of the project is 120 million USD.**

Public Transport Projects

No	Project name	Source of funding	Value (USD)
1	Bus Rapid Transit (BRT) project	Asian Development Bank, Government of Mongolia	USD 279 million
2	Pilot project (MON-30) of assembling and manufacturing oversized Electric bus	State Budget	
3	Ropeway project (Under study)	France Government	



Some Projects and Research Studies on Road Transport

- Asian Development Bank Technical Assistance on Development of Road Transport Safety Policy and Action Plan up to 2030 (2017-2018)
- Asian Development Bank Technical Assistance on Intelligent Transport Systems Development for Mongolia (2017-2018)
- Project on Ulaanbaatar City Capital Investment Plan and Financial Assessment of Urban Transport Service Delivery, financed by World Bank (2017-2019).
- JICA project on installing Diesel particulate filter for public transport buses in Ulaanbaatar to remove diesel particulate matter or soot from the exhaust gas of a diesel engine (since 2017).
- Study on developing sustainable policy and processing capacity for end of life vehicles in Mongolia by Ministry of Road and Transport Development of Mongolia and UNIDO study project, 2017.
- JICA technical project for capacity development of improvement of road pavement design suitable for Mongolian climate condition (2019- 2021).

Introducing Standards for Environmentally Sustainable Transport

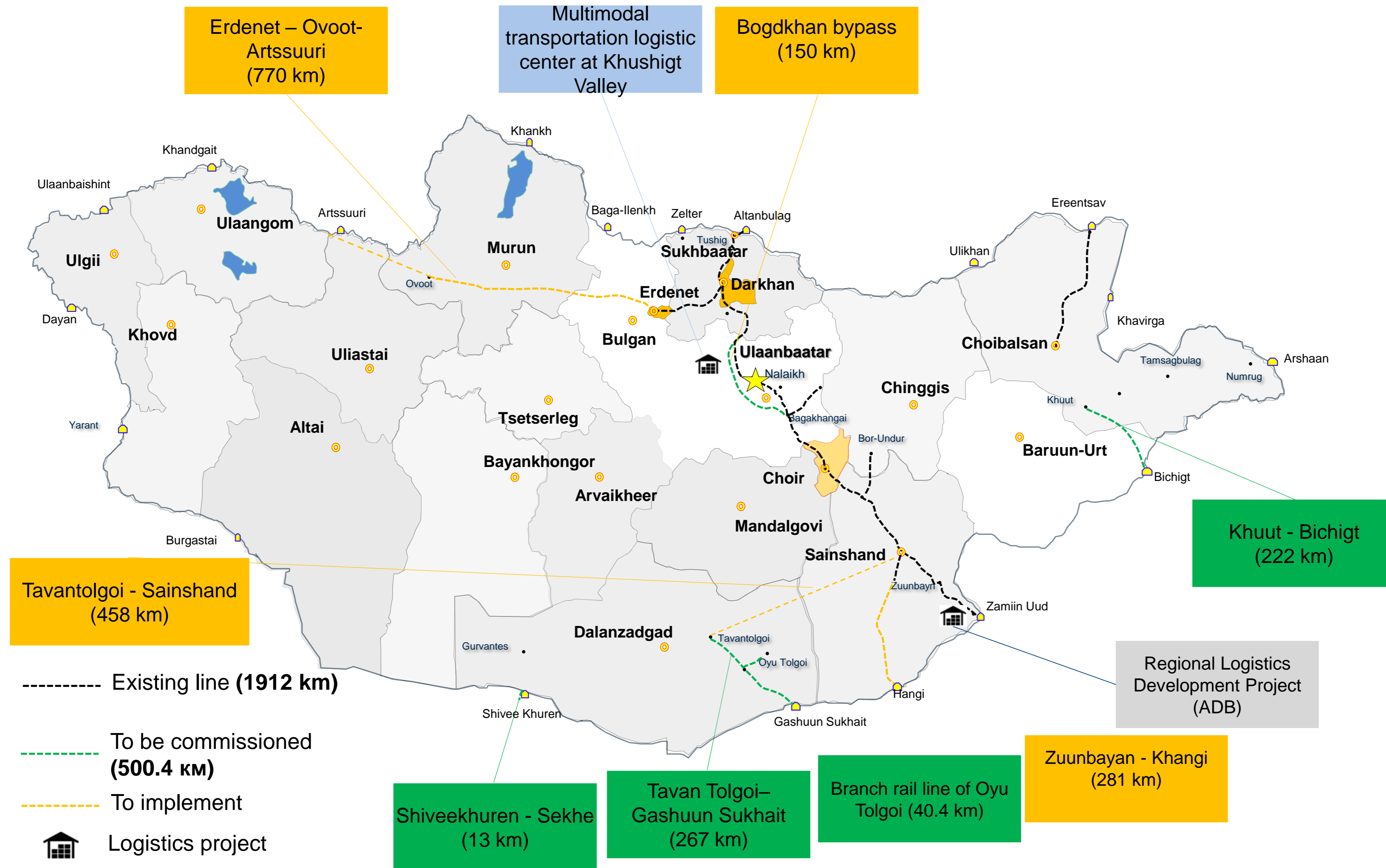
- Electric vehicle. Battery electric vehicles. General technical requirements for the construction and functional safety. MNS 6728:2018
- Type and Installation and Location of the Electrical Charging Station Equipment for Electrical road vehicles - General requirement MNS 6758:2019
- installing and using Diesel particulate filter (DPF) in vehicle. General requirement MNS6757:2019
- Safety requirements of compressor station for charging road vehicles with natural gas MNS 6729:2018
- Road vehicles. Vehicle using natural gas. General requirements. MNS 6730:2018
- Technical operation of compressor station for charging road vehicles with natural gas MNS 6731:2018
- Introducing **Eco number plates** for electric vehicles to amend in Registration number plates of road vehicles. Part 2.General requirements. MNS 4410-2 : 2017
- Planning to introduce ITS, RFID standards

An aerial photograph of a blue electric locomotive pulling a train through a lush green landscape. The train is moving along a curved track that winds through a valley. In the background, there are rolling green hills and a body of water under a clear sky. The text 'RAILWAYS SECTOR' is overlaid in white on the image.

RAILWAYS SECTOR

ТӨМӨР ЗАМЫН
ТЭЭВЭР

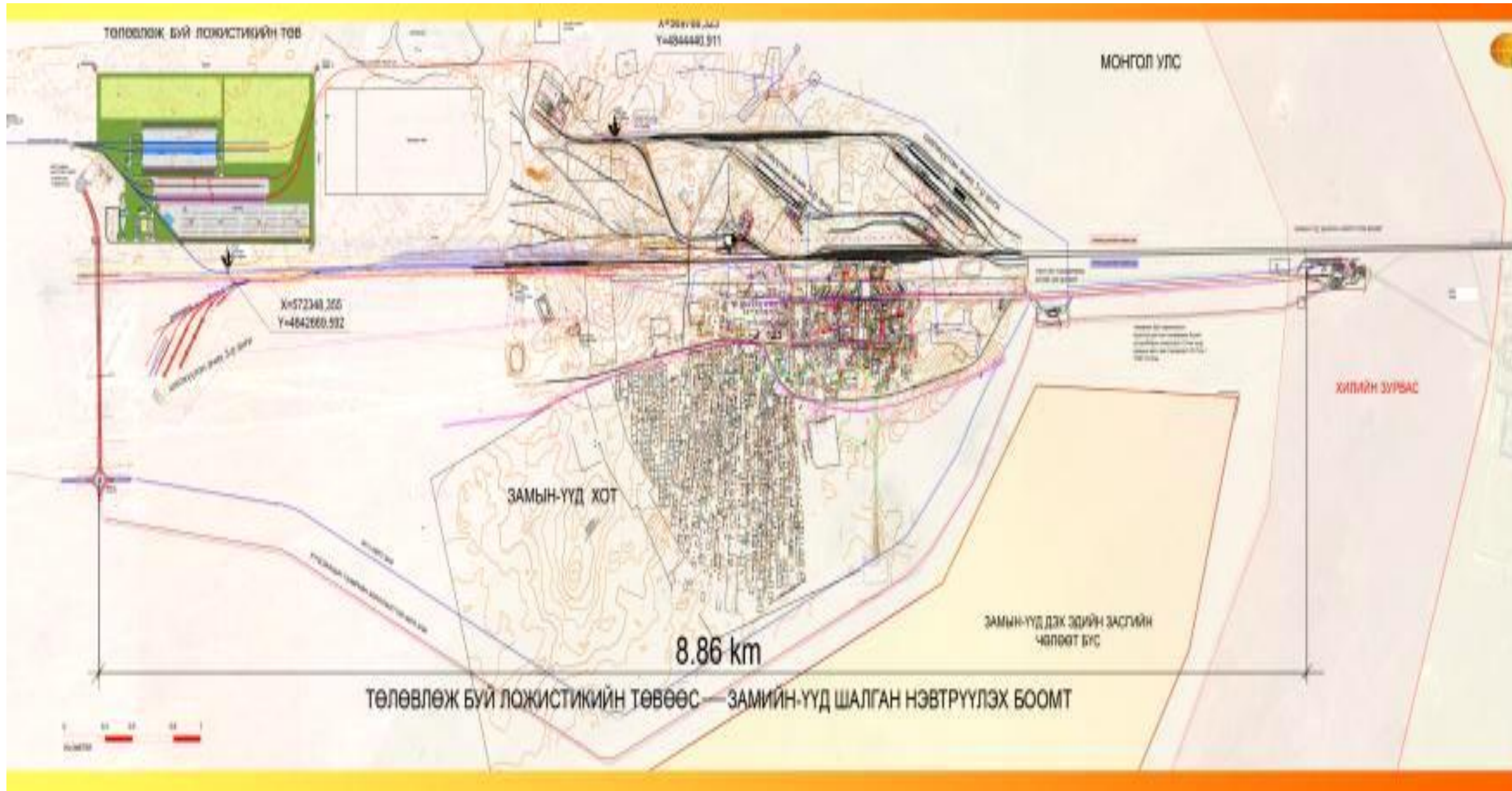
Railways Projects



Main Railways Projects

- **Signaling renovation works is undergoing among Khoid-Ulaanbaatar-Zamiin-Uud stations of the Ulaanbaatar railways from 2016 to 2019;**
- **The extension of the rolling stock depot at the Zuunkharaa station from 2017 to 2019 with the funding of the 30,0 billion MNT;**
- **Railways infrastructure renovation work(200 km – 164 billion MNT(2016-2020).**
- **Pre-feasibility of study of the “Bogdkhan” railway bypass of Ulaanbaatar is developed.**
- **to increase transit transportation volume, planning to build 281 km railway to continue Sainshand-Zuunbayan branch line until the Khangimandal border port.**
- **414.6 km railway project under the construction stage from Tavantolgoi to Zuunbayan direction.**

Regional Logistics Center in Zamyn Uud



WATERWAY AND MARITIME TRANSPORT



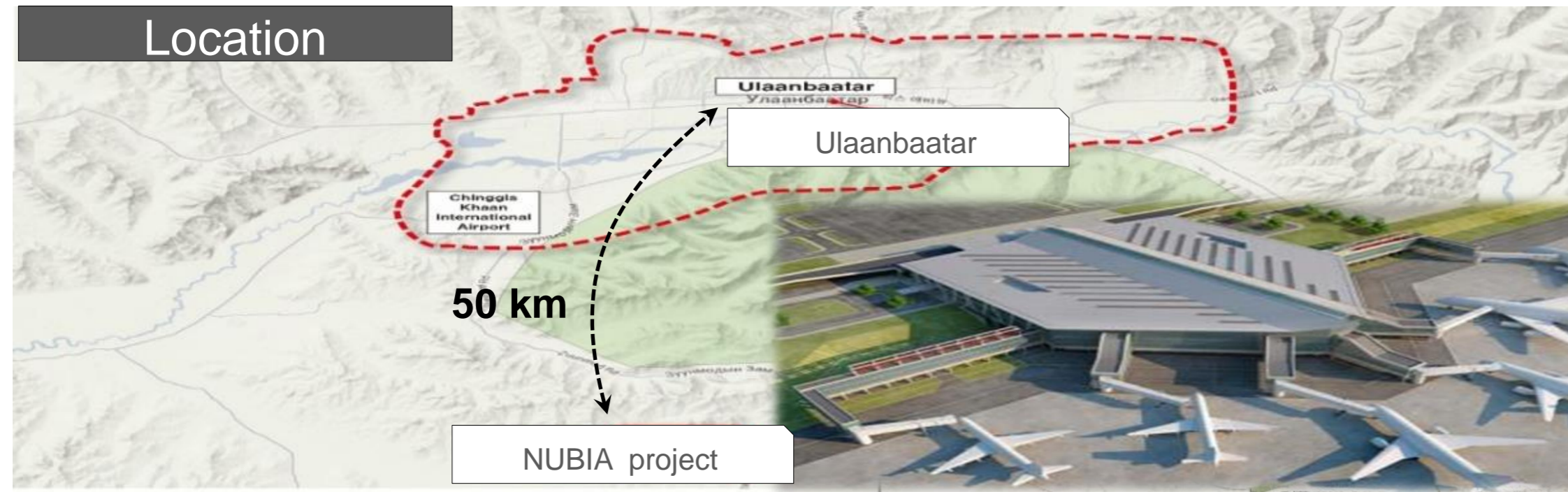
- To expand operation of ship registry, maritime transport and to develop environmentally tourism for waterways transport in domestic rivers and lakes.
- Mongolian Ship Registry are open registered over 400 ships of the world's 30 countries and monitoring their activities





Civil Aviation Sector

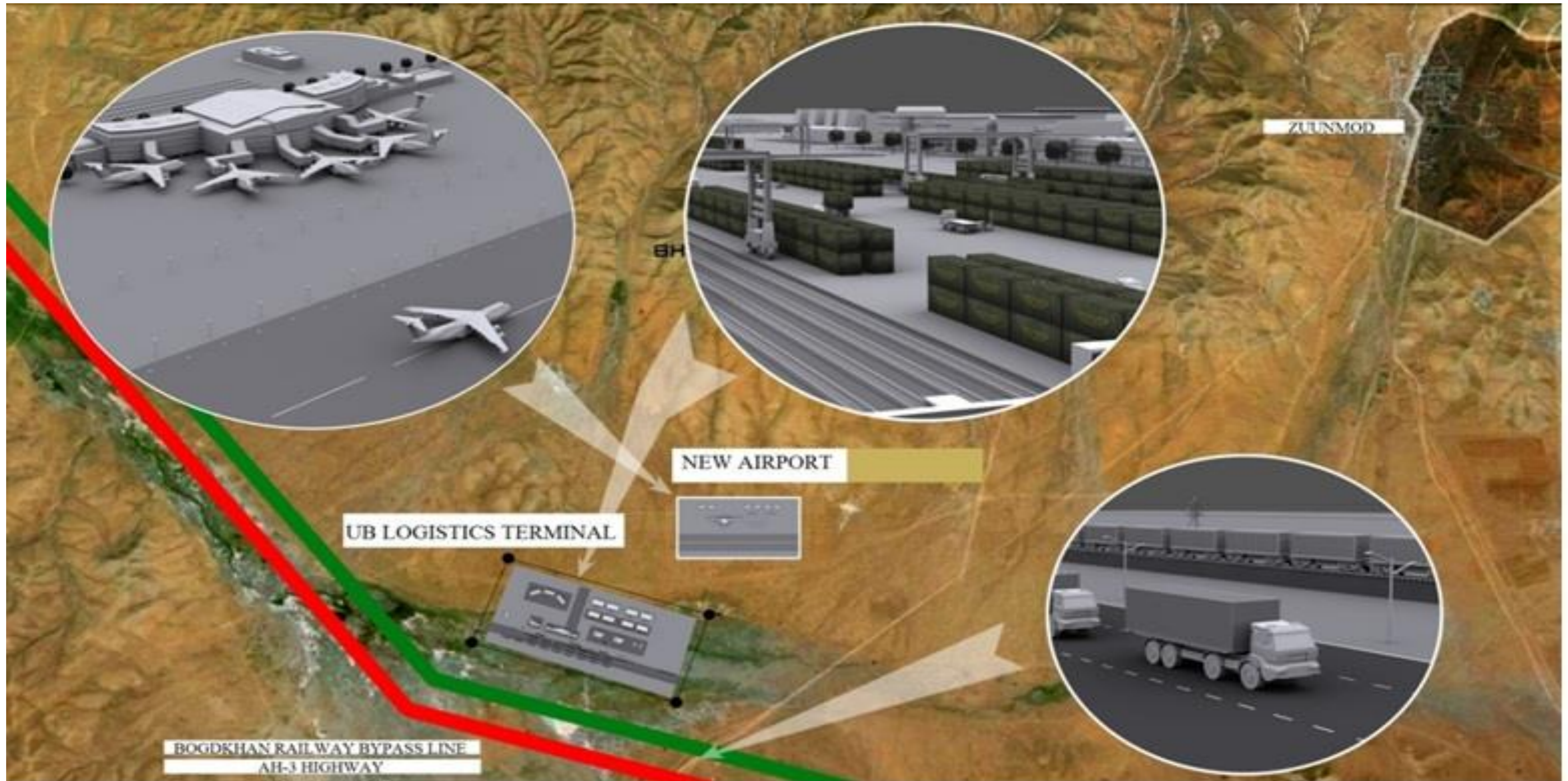
New Ulaanbaatar International Airport Project



Project name	<ul style="list-style-type: none"> ▪ New Ulaanbaatar International Airport Project
Location	<ul style="list-style-type: none"> ▪ Ulaanbaatar, Mongolia (50 km from Ulaanbaatar)
Mongolian side	<ul style="list-style-type: none"> ▪ Ministry of Finance ▪ Ministry of Road and Transport Development ▪ Civil Aviation Authority of Mongolia
Consultant	<ul style="list-style-type: none"> ▪ “Azusa Sekkei / Oriental Consultants Global” Joint Venture
General contractor	<ul style="list-style-type: none"> ▪ “Chiyoda – Mitsubishi” Joint Venture of Japan
General subcontractor	<ul style="list-style-type: none"> ▪ “Samsung C&T” company of South Korea
Progress	<ul style="list-style-type: none"> ▪ 100%

The New Ulaanbaatar International Airport will have capacity for 3 million passengers per annum with passenger servicing terminal with an area of 37,000 sq.m., asphalt runway strips with a length of 3,600 m and 6 aircraft collars with 96,000 sq.m. area.

Ulaanbaatar Logistics Center (Planned)



Conclusion

- To implement State Policies on Transport and ICT and renew Laws on Transport, Railways transport and Civil aviation in accordance to new requirements and conditions of the Mongolian Sustainable Development Vision-2030 and newly adopted legal acts;
- To develop & implement National ITS program and Road Transport Safety Policy and Action Plan up to 2030 ;
- To introduce ITS , ICT and transport technologies in Ulaanbaatar and other urban areas;
- To increase investment for constructing new transport infrastructure and logistics networks that support SDGs, meet social, economical and environmental requirement;
- To promote transit transport policies and travel time along corridors, time spent land borders and transport costs; agreements for reducing ;
- To integrate International and Regional Transport Network and enhance cooperation
- To implement projects and programs on environmentally sustainable transport.

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