



**MINISTRY OF ROAD AND TRANSPORT
DEVELOPMENT, MONGOLIA**

TRANSPORT CHALLENGES AND OPPORTUNITIES FOR MONGOLIA

Mr. Sereeter Jigjee, Acting Director General of
Policy and Planning Department

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AGENDA

- TRANSPORT CHALLENGES
- LEGAL AND POLICY REFORM
- REGIONAL INTREGRATION AND COOPERATION
- TRANSPORT INFRASTRUCTURE DEVELOPMENT
- ENVIRONMENT FRIENDLY AND SUSTAINABLE TRANSPORT
- CONCLUSION

TRANSPORT CHALLENGES

- Landlocked Country;
- Old Legal and Policy Documents;
- High costs of the Infrastructure Development and Maintenance ;
- Environmental Impacts;
- Public Transport Inadequacy;
- Traffic Accidents and Safety Issues.

LEGAL AND POLICY REFORM

- Road Law (Renewed by 11 May, 2017)
- Waterway Transport Law (Renewed by 25 May 2017)
- State Policy on Civil Aviation; (amended)
- State Policy on Railway Transport; (amended)

Under developing and renewing laws and policies

- Transport law (planning to renew)
- Railway Transport Law (planning to renew)
- Civil Aviation Law (planning to renew)

- To develop State Policy on Road Transport;
- To develop State Policy on Road.

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

LEGAL AND POLICY REFORM

- **Mongolia Sustainable Development Vision-2030**, 19th Resolution of the State Great Hural, Mongolia, 2016;
- Action Plan of Government of Mongolia for 2016-2020, 45th Resolution of the State Great Hural, Mongolia, 2016;
- Economic Recovery Program, 71st Resolution of the State Great Hural, 2016;
- Development Road Program, Government Resolution №142, 2017;
- Three pillars Development Policy Program, Government Resolution №42, 2018

REGIONAL INTREGRATION AND COOPERATION

- **Bali Agreement;**
- **Vienna Program of Action for Landlocked Developing countries for the decade 2014-2024;**
- **Transport related UN Agreements and Conventions;**
- **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.**

TRANSPORT INFRASTRUCTURE DEVELOPMENT



FUTURE PLAN FOR CONSTRUCTION OF PAVED ROAD

Total of 130.6 km asphalt auto road from Ugiinuur – Batt sengel - Ikh Tamir

To prepare the plan and start a construction of total of 179.7 km asphalt auto road from Khatgal to Khankh

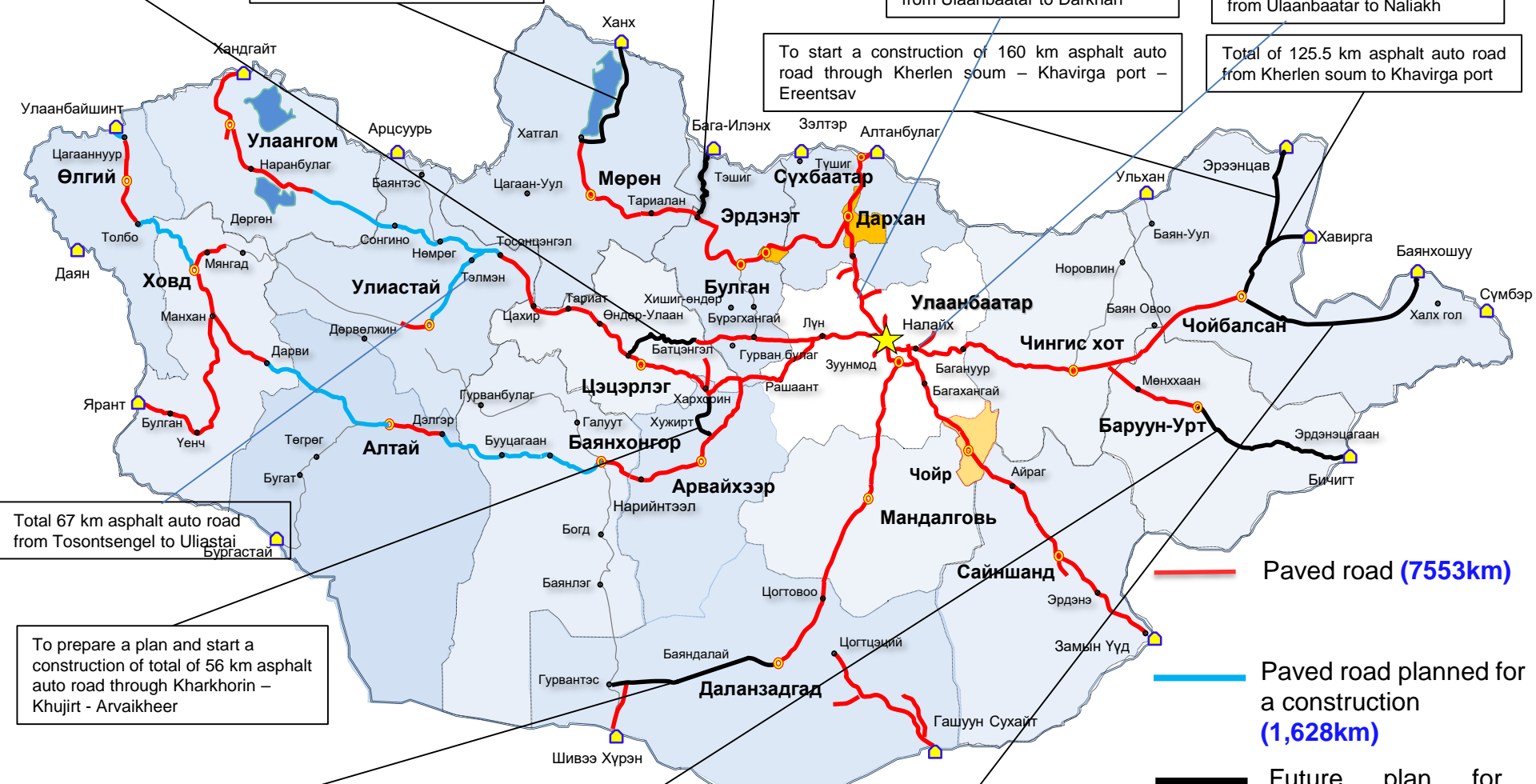
Total of 136 km asphalt auto road from Khatgal undur Bulgan aimag to Baga-Ilenkh port

Total 220 km asphalt auto road from Ulaanbaatar to Darkhan

Total 29,6 km asphalt auto road from Ulaanbaatar to Naliakh

To start a construction of 160 km asphalt auto road through Kherlen soum – Khavirga port – Ereentsav

Total of 125.5 km asphalt auto road from Kherlen soum to Khavirga port



Total 67 km asphalt auto road from Tosontsengel to Uliastai

To prepare a plan and start a construction of total of 56 km asphalt auto road through Kharkhorin – Khujirt - Arvaikheer

To complete a construction of asphalt road through Dalanzadgad, Bayandalai, and Gurvantes

Total of 272 km asphalt auto road from Baruun-Urt to Bichigt

To start a construction of 323 km asphalt road from Kherlen Soum to Bayankhoshuu

- Paved road (7553km)
- Paved road planned for a construction (1,628km)
- Future plan for paved road (884.7 km)

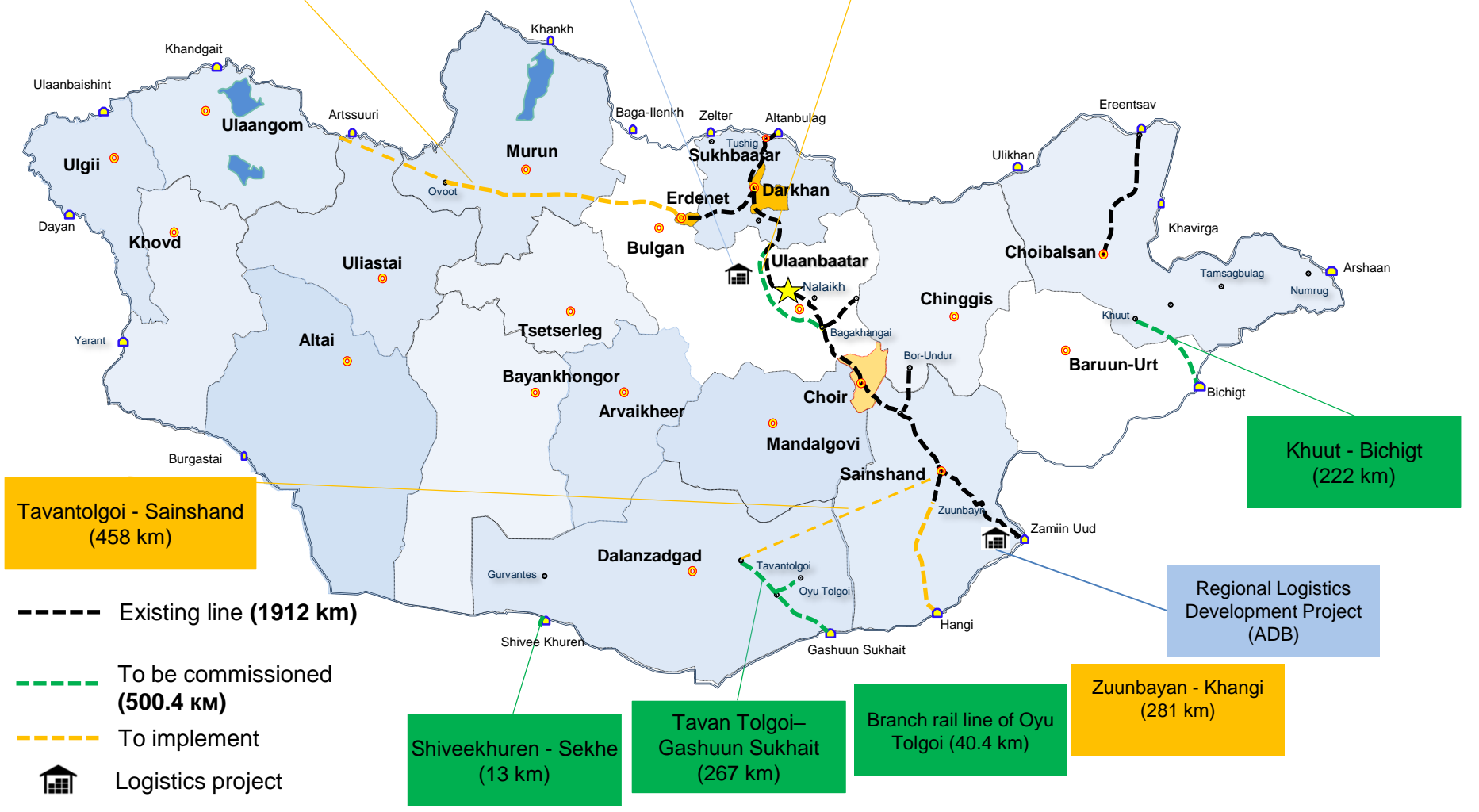
RAILWAY PROJECTS PLANNED FOR 2016-2020

Railway sector requires an investment of around MNT 16.7 trillion

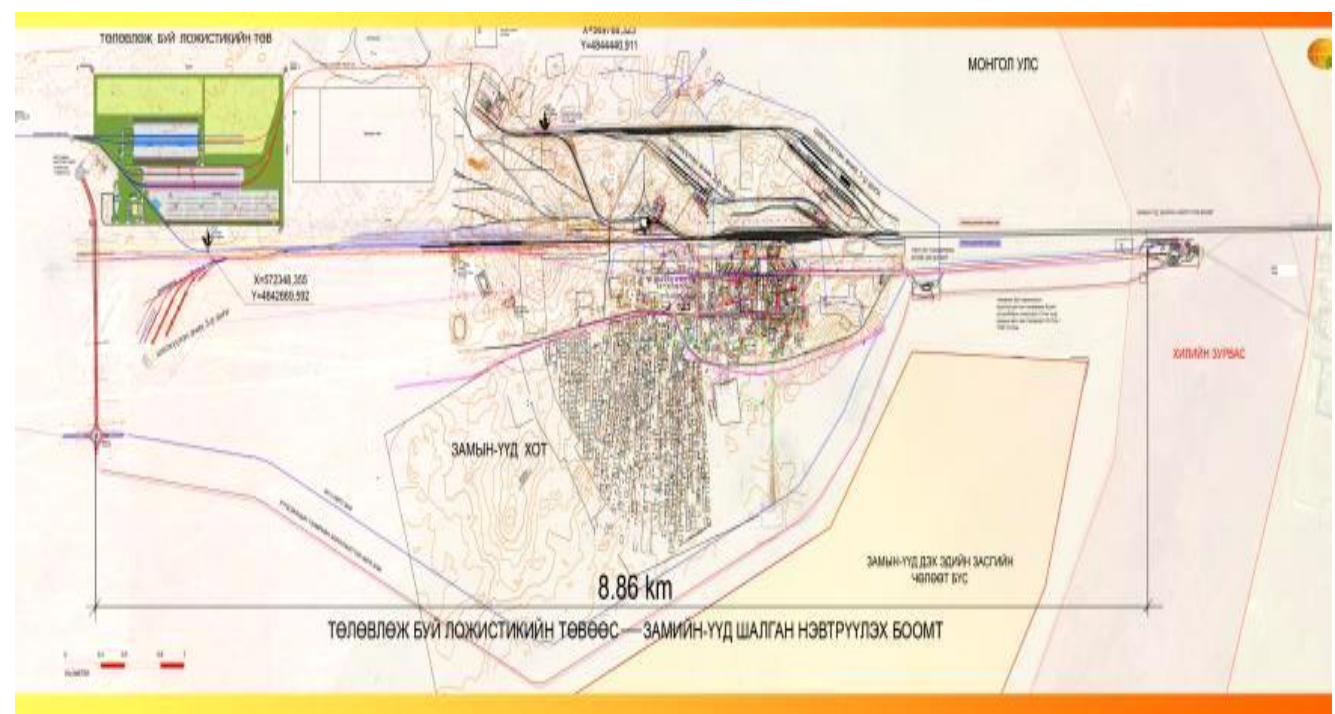
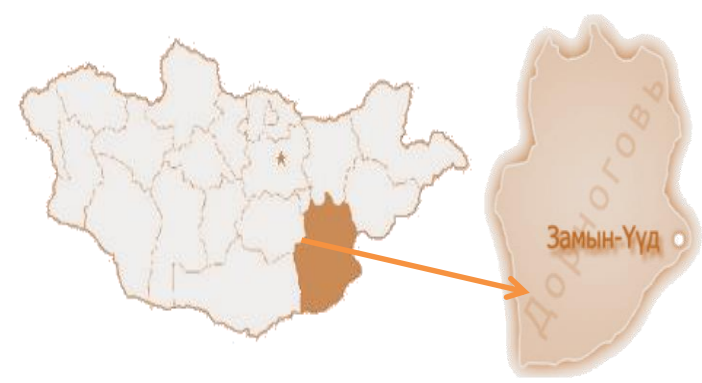
Erdenet – Ovoot-Artssuuri (770 km)

Multimodal transportation logistic center at Khushigt Valley

Bogdkhan bypass (150 km)



PROJECT: 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.

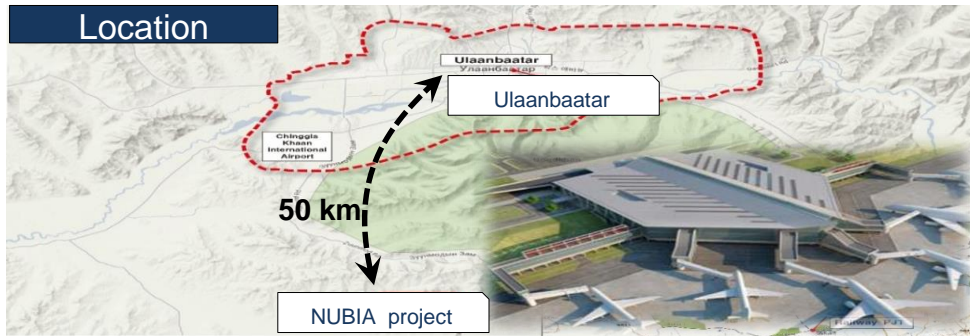


MAIN PROJECTS&PROGRAMS FOR TRANSPORT

| No | Project name | Source of funding | Value (USD) |
|----|--|--|-----------------|
| 1 | Bus Rapid Transit (BRT) project | Asian Development Bank Government of Mongolia | USD 279 million |
| 2 | Development of Road Safety Policy and Action Plan up to 2030 | Asian Development Bank Technical Assistance | 1 million |
| 3 | Intelligent Transport Systems Development for Mongolia | Asian Development Bank Technical Assistance | 500 thousand |



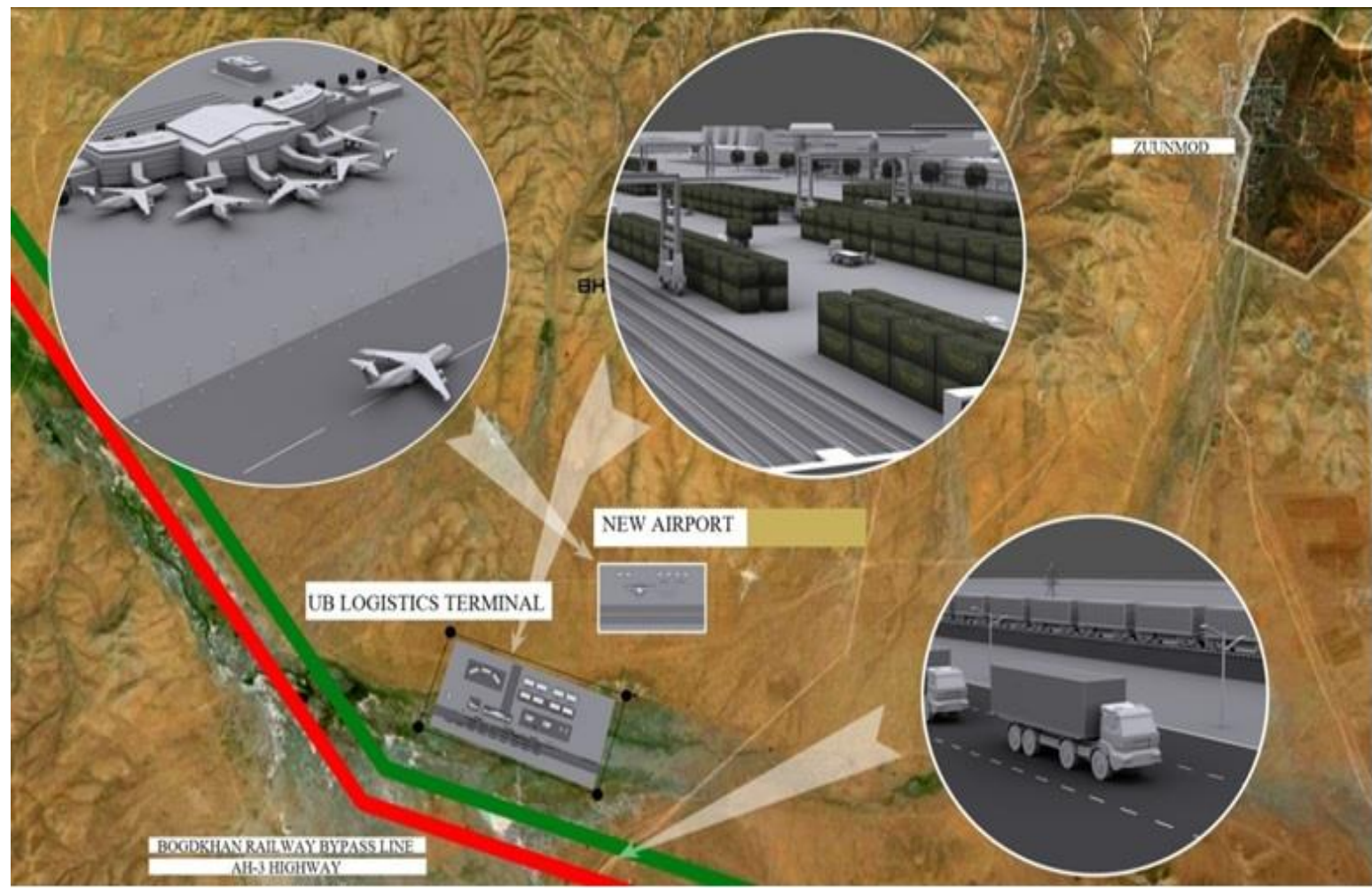
NEW ULAANBAATAR INTERNATIONAL AIRPORT PROJECT



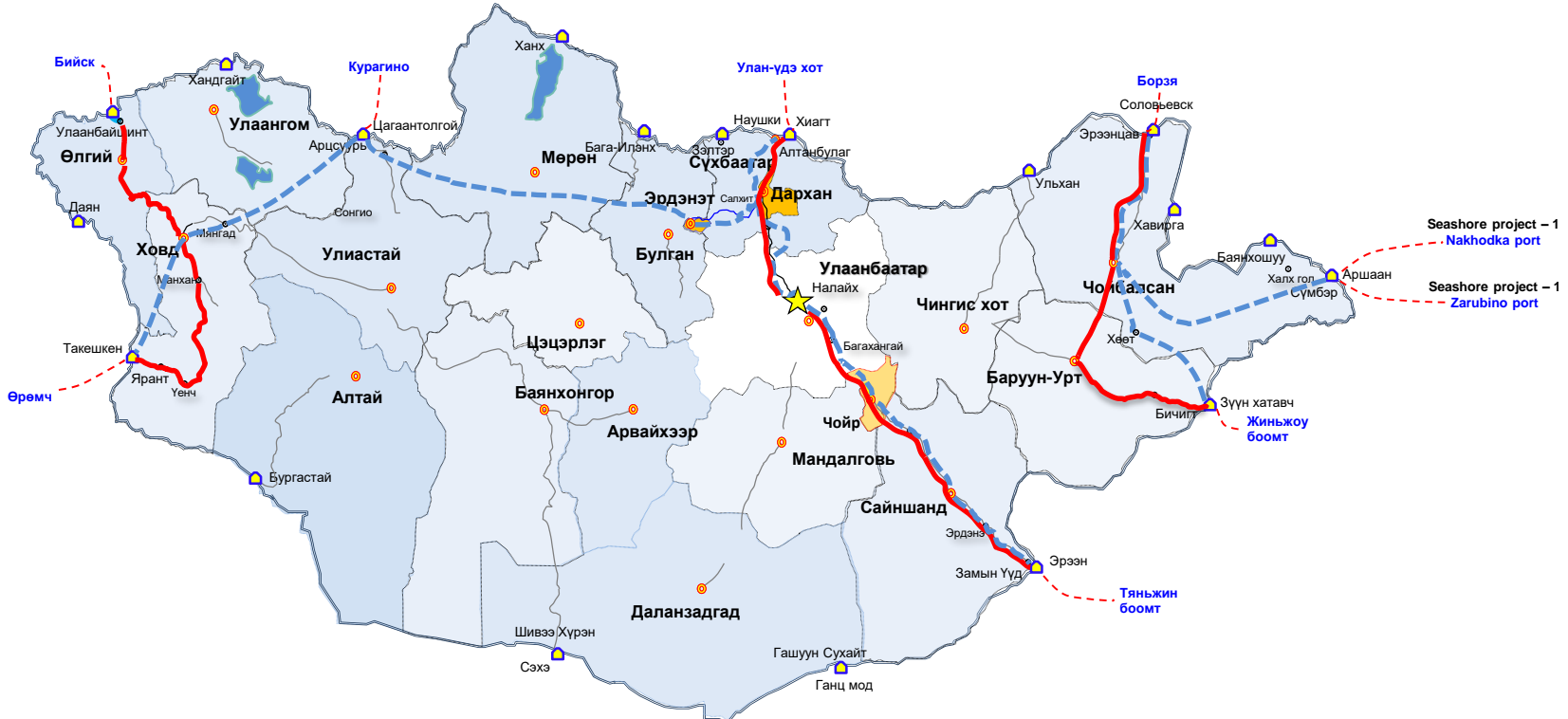
| | |
|-----------------------|---|
| Project name | <ul style="list-style-type: none"> ▪ New Ulaanbaatar International Airport Project |
| Location | <ul style="list-style-type: none"> ▪ Ulaanbaatar, Mongolia (50 km from Ulaanbaatar) |
| Mongolian side | <ul style="list-style-type: none"> ▪ Ministry of Finance ▪ Ministry of Road and Transport ▪ 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 (PLAN)



PRELIMINARY PLAN OF PROJECTS TO BE IMPLEMENTED IN MONGOLIA AS PART OF THE MONGOLIA-RUSSIA-CHINA ECONOMIC CORRIDOR DEVELOPMENT PROJECT



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.

- Railway projects
- Road projects

ENVIRONMENT FRIENDLY AND SUSTAINABLE TRANSPORT

Implementing Projects and Programs

- “Study Report on Environment monitoring and Migrating Wild animal” under Western Regional Road Development Project, by ADB in 2015.
- JICA technical project for capacity development of improvement of road pavement design suitable for Mongolian climate condition (2018- 2020).
- Project on Ulaanbaatar City Capital Investment Plan and Financial Assessment of Urban Transport Service Delivery, financed by World Bank (2017-2018).
- 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 protecting for wild animals migration along road network (2016 - 2018), “Study on introducing of optimal monitoring system for road construction technology” (2017-2018), “Optimal development of road and transportation network within the Framework of Economic Corridor” (2017-2018) by Science and Technology Fund, Mongolia.

ENVIRONMENT FRIENDLY AND SUSTAINABLE TRANSPORT

Introducing New Standards and Normative

- Passages for wild ungulates along the highways and railways in steppe and desert areas. General requirements. MNS 6515:2017
- Passages for wild ungulates along road network in mountain areas. General requirements MNS 6735:2018
- Electric vehicle. Battery electric vehicles. General technical requirements for the construction and functional safety. MNS 6728:2018
- 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
- Consulting service on introducing recycling norms and procedures road and transport financed by Ministry of Road and Transport Development since 2017

ENVIRONMENT FRIENDLY AND SUSTAINABLE TRANSPORT

Expansion Cooperation

- **On going study on Recycling end of life vehicles**, Ministry of Road and Transport Development of Mongolia, Seinan Corporation and Tohoku University of Japan;
- **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.
- **Signed Memorandum of Understanding between Ministry of Road and Transport Development & Mongolian Recycling National Association NGO** in June, 2018

CONCLUSION

- To develop State Policies on Road and Transport sectors 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 support open policy to environment friendly and sustainable transport, to increase investment for building and maintenance transport infrastructure and logistics networks, projects and programs that support SDGs, meet social, economical and environmental requirements;
- To promote transit transport policies and agreements for reducing travel time along corridors, time spent land borders and transport costs;
- To integrate International and Regional Transport Network and enhance cooperation for conducting studies and capacity building on environment friendly and sustainable transport policy documents, advanced technologies and projects.

THANK YOU FOR KIND ATTENTION.