

# Mongolia Towards Environmentally Friendly Transportation

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Presentation**

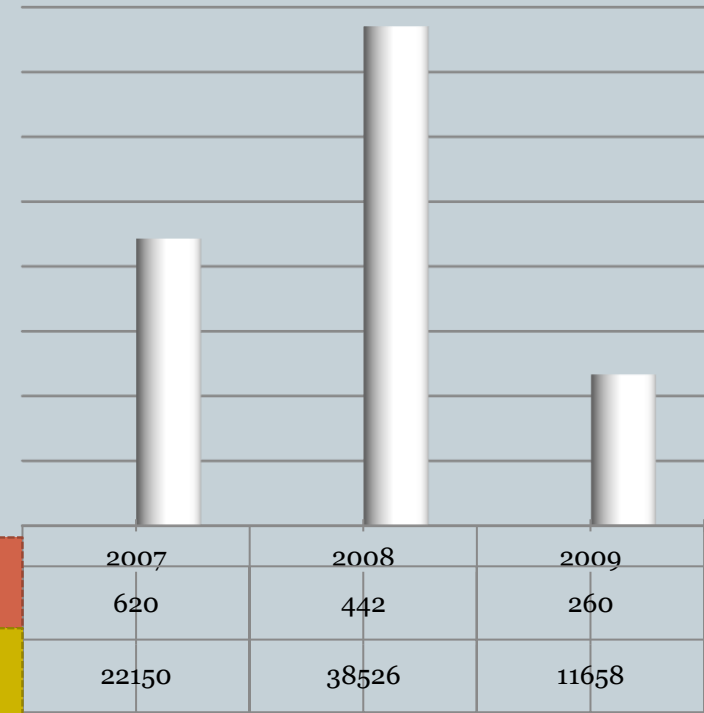
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# Number of motor vehicles during 2007-2009

	2007	2008	2009
Passenger Car	110150	127538	153906
Truck	33676	41138	47291
Bus	13038	15780	16136
Special Use Car	5125	6003	6735
<b>Total</b>	<b>161989</b>	<b>190459</b>	<b>224068</b>

## Number of Hybrid Cars

Amount in numbers



# Motor vehicle emissions account for over 30% of air pollution.



- A study conducted by the Ulaanbaatar City Air Quality Agency showed that there is 5.2 times more SO<sub>2</sub> (sulfur dioxide), 2.9 times NO<sub>2</sub> (nitrogen dioxide), 6.8 times CO (carbon monoxide) in the air than the standard amount.
- A joint study conducted by the Air Quality Agency and Science & Technology University in Ulaanbaatar area showed 78.5% of nitrogen dioxide and 14-30% of the carbon monoxide in the air is emitted by motor vehicles. According to the laboratory results conducted by Environmental Research Center, 39.3% (56.8 tons) out of the total 144.6 tons of pollutants emitted per year in UB area is sourced from motor vehicles.

# Long Term Policy



**The Government of Mongolia (GOM) and other sources have created numerous strategies for the transport sector encompassing expected goals for the long term and anticipated budgets. Included in the group is the National Development Strategy 2007-2021 (NDS), the National Transport Strategy for Mongolia (NTS), “Transit Mongolia” program, the Mongolian Road Master Plan 2008-2020 (RMP), and a long-term 15 year investment program developed by MRTAUD.**

# Actions Taken



- Law on Air and Law on Air Fees have both been newly endorsed by the Parliament of Mongolia revised and passed in June 2010
- The Government has included the goal of reducing air pollution of Ulaanbaatar and other cities by increasing green facilities, transferring public transportation towards natural gas fuels in its action plan.
- Motor vehicles used for more than 12 years in public service and motor vehicles used for more than 10 years in taxi service have been banned since April 2010.



- **Bioethanol sale in the market:**

- Ethanol has been sold on the market since 2009 under the “Eco-92” initiative from the private sector. Pollution emission has decreased since the sale of ethanol.

### **Planned actions**

- To increase public awareness advertisement for the government organizations and general public
- To provide 30% of all fuel stations in Ulaanbaatar with bioethanol
- To contribute bioethanol sale to the market as 5 percent on total fuel need of Ulaanbaatar

# Objectives and strategies



**Strategy 1 - Establish competitive public transportation system to promote public-transportation-based urban development**

**Strategy 2 - Manage car use effectively**

**Strategy 3 - Develop and maintain high-quality transportation infrastructure especially roads**

**Strategy 4 - Develop effective interface between regional and urban transportation, including road, rail, and air transportation**



# Objectives and strategies



**Stage 5 - Enhance transportation environment and disaster preparedness**

**Strategy 6 - Provide adequate institutional arrangements to support improved urban transportation development and management**

**Strategy 7 - Promote social awareness of urban transportation problems and issues**



**THANK YOU FOR YOUR  
ATTENTION!**