

COUNTRY REPORT OF MONGOLIA

FNCA Ministerial Level Meeting
Sydney, Australia

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Legal framework

- **Millennium Development Goals based Comprehensive National Development Strategy of Mongolia (2008-2021)**
(Parliament resolution, 2008)
- **State Policy of Mongolia on the Exploitation of Radioactive Minerals and Peaceful uses of Nuclear Energy**
(Parliament resolution No.45, 2009)
- **Nuclear Energy Law, The Law on Enforcement Procedure of the Nuclear Energy Law**
(Parliament of Mongolia, 2009)
- **Program for Implementation of action plan of the government**
(Government resolution 37, 2012)



State Policy of Mongolia on Exploration of radioactive minerals and Nuclear Energy and Action plan

- In the framework of state policy and action plan, the following activities are included:
 - to build research reactor and to develop the feasibility study of research reactor
 - to develop the feasibility study of nuclear power plant and environmental impact assessment
 - to choose the strategic investors for nuclear power plant construction consistent with relevant criteria
 - to establish the infrastructure for nuclear power plant
 - to promote and demonstrate the significance and economic efficiency of nuclear power to the public
 - to develop the cooperation with other countries which utilize nuclear power share the experience

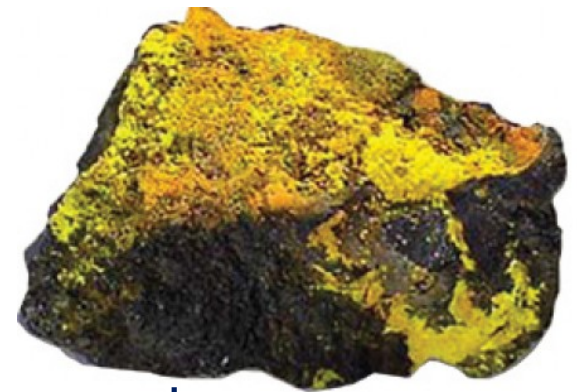


Activities of NEA

- To put the confirmed uranium deposits into economic activities;
- To coordinate the uranium milling mining activities;
- To develop the nuclear and radiation regulatory system and bring regulatory and legislation frameworks to international standards;
- To strengthen radiation and monitoring laboratory's human resources and technical capacity;
- To widen nuclear basic and applied research activities and implement projects in socio-economical sectors;
- To ensure the preparedness of nuclear and radiation emergency and nuclear safety;
- To implement a preparatory work to join international conventions and agreements in terms of strengthening national radiation protection and nuclear safety as well as uranium production.
- Ensure and legalize that the production of the nuclear energy industry does not go further than the "yellowcake" in the territory of Mongolia;

NEED of NUCLEAR ENERGY

- Uranium resource 141,521 (2% of the world reserve, ranking 11th in the world) tones, confirmed, and 1,5 million tones, hypothetical resource
- Mineral exploration is rapidly growing (coal, copper, gold, silver...)
- Population growth
- Air pollution, especially in capital city
- Local private sectors growth



Energy Demand is growing

Provide the countries energy demand, furthermore export electricity to neighbor countries by implementing NPP in Mongolia





FUTURE PLANS

- Expand exploration activities /70% of total territory is explored and Khangai Mountains and near border areas with China/
- Strengthen nuclear safety and radiation protection and update regulatory framework in mining areas
- Pre-construction activities of Mining and milling plants (Zoovch ovoo, Dulaan-Uul, Gurvanbulag, Kharaat and Khairkhan Deposits)
- Pre study on Research reactor
- Human resource development for future RR & NPP, and strengthening regulatory body
- Continue the Implementation of preliminary study on Nuclear energy and NPP
- To adhere international legal instruments;



Expectations for FNCA

- **Sharing the experiences of FNCA member countries in the field of Research reactor and NPP**
- **Human resource development for nuclear technology including future RR & NPP, and strengthening regulatory body**
- **Strengthening the international cooperation in the region**

THANK YOU FOR YOUR ATTENTION

