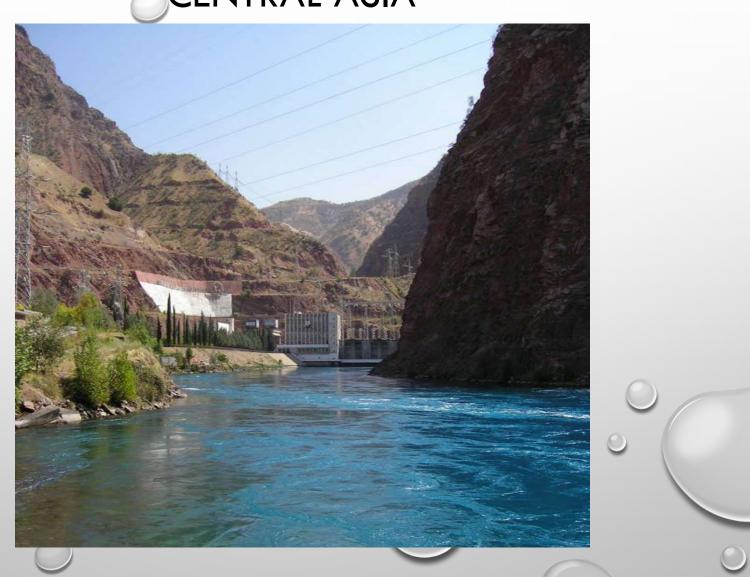
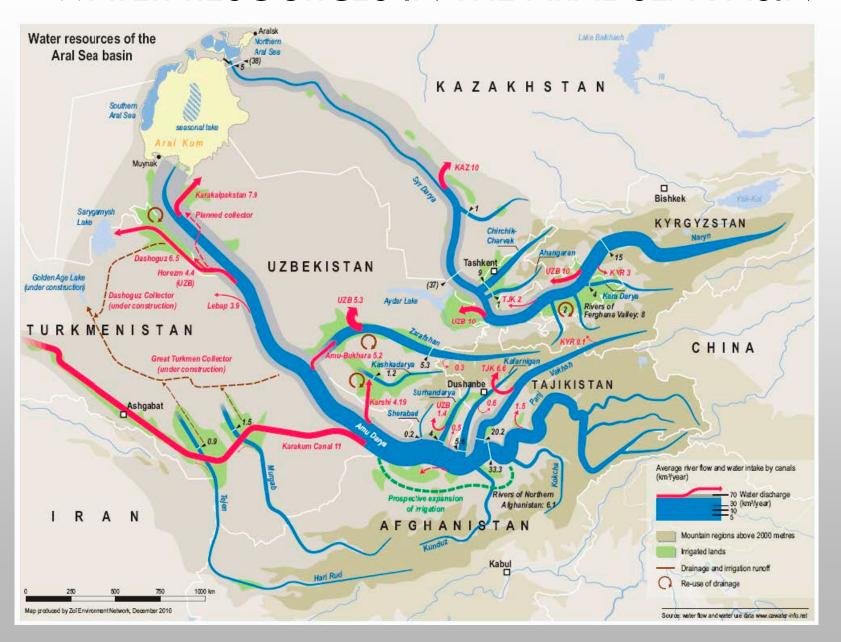
WATER AND ENERGY RESOURCES OF CENTRAL ASIA



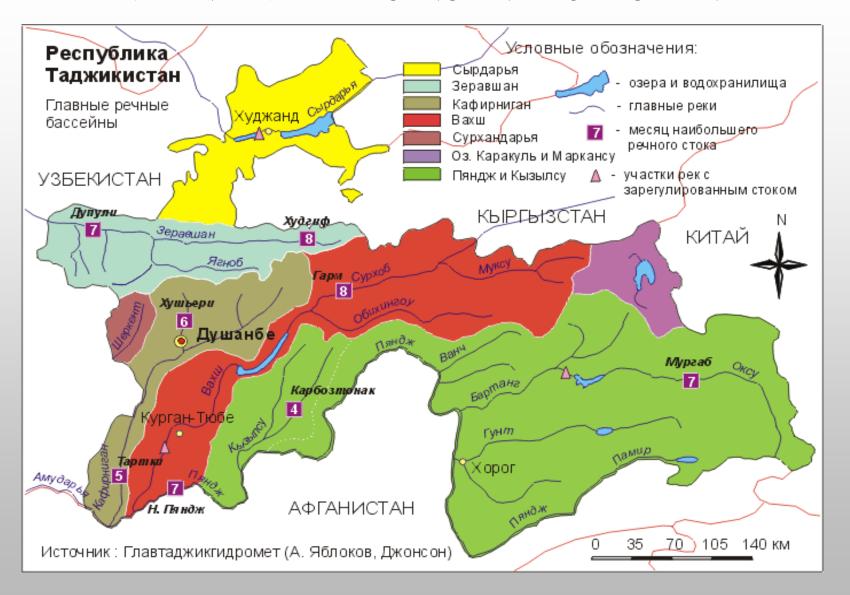
REFORMING THE WATER MANAGEMENT SYSTEM



WATER RESOURCES IN THE ARAL SEA BASIN



MAIN RIVER BASINS IN TAJIKISTAN



SPECIFIC PRIORITIES IN THE FUEL AND ENERGY COMPLEX

Reliable energy supply of the country's economy



Transition of the country's hydropower industry to the budget-forming industry



Transition to the leaders in terms of the efficiency of development and use of the country's energy potential



Development of small hydropower and other RES (Renewable Energy Sources)

THE LARGEST CONSUMERS OF ENERGY

Ore beneficiation process Ore grinding and concentrate production Mining industry Primary ore processing Metal refining

GREENHOUSE GAS EMISSIONS

Methane - is a strong greenhouse gas found in coal deposits.

Greenhouse gas emissions

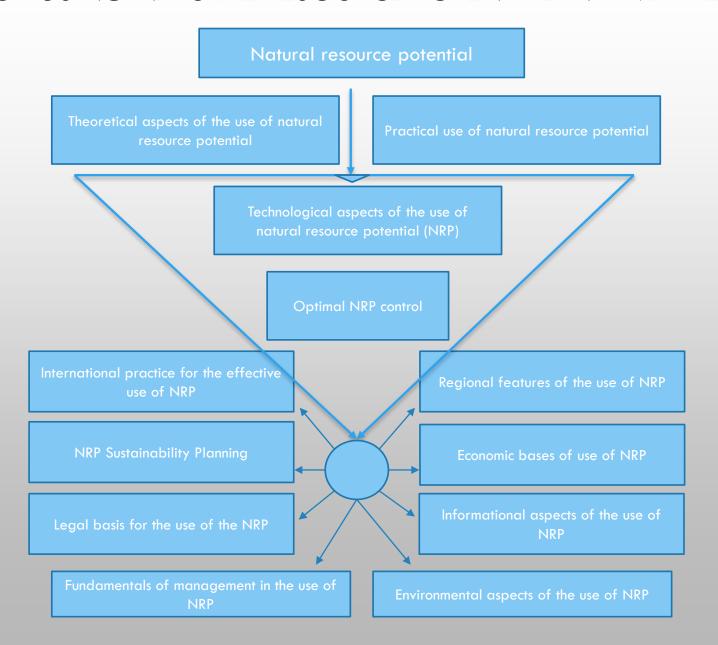
in the mining industry - 1.8%

in the production of coking coal and the steel industry - 7-8%

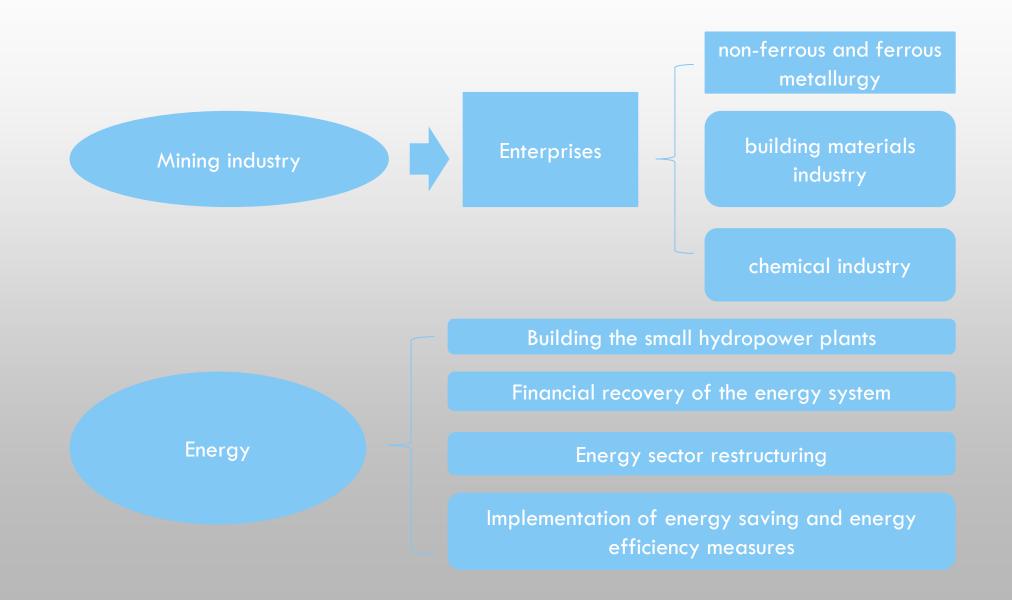
associated with the production of iron and steel

The steel industry is looking for ways to produce steel with less carbon emissions

THE CONCEPT OF USING NATURAL RESOURCE POTENTIAL IN A MARKET ECONOMY



DEVELOPMENT PRIORITIES



MINING INDUSTRY AND POLICY IMPACT

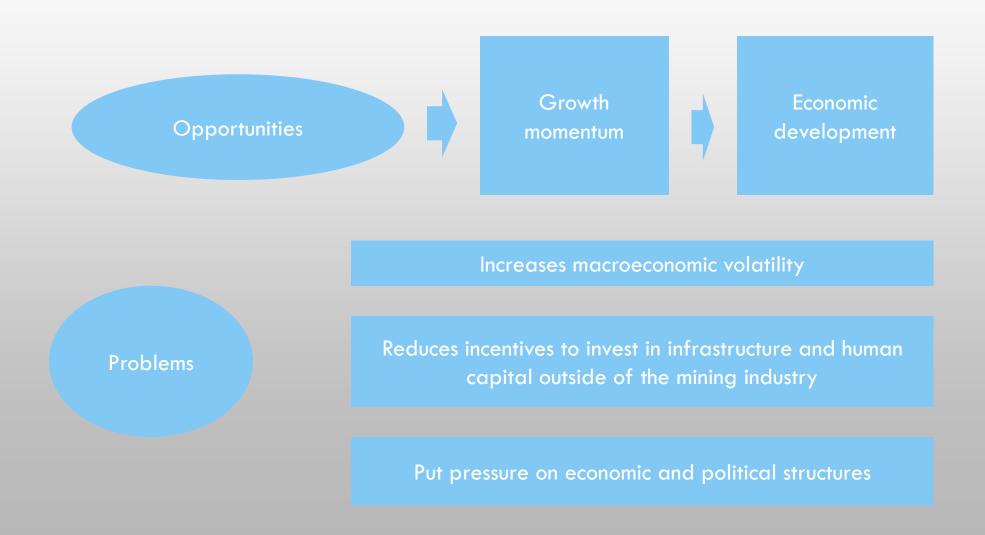
Growth potential and equitable distribution of benefits

Limiting the impact of natural resource extraction on the degree of price volatility

Preventing the
development of the
mining industry at the
expense of
development in other
sectors

Creation of conditions for the redistribution in society of the proceeds of this industry

OPPORTUNITIES AND CHALLENGES IN THE EXTRACTION OF RAW MATERIALS



INDUSTRIAL DEVELOPMENT SCENARIO

Assumes

Implementation of existing or already launched energy and infrastructure projects

Rational use of land, water, energy and other resources

Restoration of existing and commissioning of new production facilities

National economy growth driver

Accelerated growth of industry based on the commissioning of new capacities for the production of electricity and mining

Modernization of light and food industry

Formation of domestic ferrous and further development of non-ferrous metallurgy

Development of the industry of building materials, light and food industries

CONDUCTING EXPLORATION WORK BY STAGES

Forecast resources P1, P2, P3 Promising resources C2, P1

Proved and Probable Reserves C1, C2 Industrial reserves A, B, C1

Regional and survey works

Stage 4. Search and evaluation work

Stage 5.
Preliminary research

Stage 6. Detailed research

GEOLOGICALECO NOMIC ASSESSMENTPREDI CTIVE RESOURCES.OBJEC TS FORFURTHER RESEARCH TECHNICAL AND ECONOMIC CONSIDERATION S. THE DECISION TO CONDUCT PRELIMINARY EXPLORATION

TEMPORARY
CONDITIONS AND
FEASIBILITY REPORT.
DECISION TO CARRY
OUT DETAILED
RESEARCH

FEASIBILITY STUDIES OF PERMANENT CONDITIONS.
APPROVAL OF RESERVES IN THE GKZ.
TRANSFER OF THE DEPOSIT FOR DEVELOPMENT

Produced reserves A, B, C1



Stages 7 and 8. Additional exploration and operational exploration



Production and fulfilment of the development conditions Comparison of UNFC and classification of resources and reserves of the Republic of Tajikistan according to the degree of geological exploration (G-axis)

CATEGORY Deposit volumes that can be estimated **Tajikistan UNFC** with a high degree of reliability A, B, C1 C1, C2 (ratio with medium degree of reliability G2 50 to 50%) C1 < 50%, G3 With a low degree of reliability C2 > 50%Estimated volumes (potential deposit) that G4 are based on circumstantial evidence



THANK YOU FOR ATTENTION!