

**EU / UNDP / UNECE project**

**"Support for the transition of  
Kazakhstan to the "green economy"  
model**

# Пилотный проект по СЭО

**"The concept of development of the fuel and energy complex of the Republic of Kazakhstan" until 2030":**

- **Electric power**
- **Coal**
- **Oil**
- **Gas**
- **Atomic**
- **RES**

**Expert working group: national experts in: strategic planning, energy, biodiversity, environmental impact assessment, climate change and health and international environmental assessment consultants**

# SEA pilot project

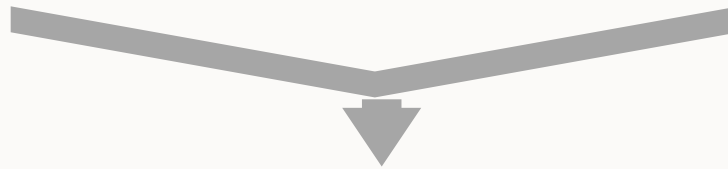
## **2 stages** of SEA for the Fuel and energy Concept



First stage – scoping study and preparation of the relevant report (November, 2017 - March, 2018).



Second stage - conducting a full-scale SEA and preparation of the Environmental Report (March, 2018 - November, 2018).



Recommendations  
developed

Thematic  
maps

9 meetings and  
trainings

300 participants

## SEA Pilot project in energy sector of Kazakhstan (2017 – 2018)

In Kazakhstan in 2017-18 thanks to the support of the European Union, the United Nations Economic Commission for Europe and the OSCE Program Office in Astana, a pilot project on strategic environmental assessment in the energy sector was implemented. On behalf of the Ministry of Energy of the Republic of Kazakhstan, let me inform you about the results of the project implementation.

In 2017, the Ministry of Energy of Kazakhstan initiated a pilot project on strategic environmental assessment on the “Concept for the development of the fuel and energy complex of the Republic of Kazakhstan” until 2030” (hereinafter - the Concept of the Fuel and Energy Complex). The task of the Fuel and Energy Complex Concept is to designate the path of development of the branches of the fuel and energy complex (FEC) of Kazakhstan: electric power, coal, oil, gas, nuclear and renewable energy sources (RES).

An expert group was formed to carry out the SEA for the Energy Sector Concept, which included national experts in the field of strategic planning, energy, biodiversity, environmental impact assessment, climate change and public health and international consultants in the field of environmental assessment.

The SEA of the Fuel and Energy Sector Concept was carried out in two stages; at each stage consultations with stakeholders were held.

1. First stage - determination of the scope and preparation of the relevant report (November, 2017 - March, 2018).

The analysis of the structure and content of the draft fuel and energy concept as of the end of 2017 was carried out, the development scenarios for the fuel and energy complex proposed in the draft concept were analyzed, recommendations were developed and submitted to the working group of the Ministry of Energy to refine the development scenarios;

A scoping report was prepared, consultations were held with interested ministries and departments, with the general public.

2. Second stage - Conducting a full-scale SEA and preparation of the Environmental Report (March, 2018 - November, 2018).

Based on an analysis of the state of the environment and public health in the regions where fuel and energy facilities are located, recommendations have been developed to prevent and minimize the possible negative consequences of the implementation of the Energy and Energy Concept and enhance positive effects, taking into account the results of consultations with stakeholders.

Within the framework of this SEA, thematic maps have been developed showing the relative location of existing and planned fuel and energy facilities and sensitive elements of the environment (maps of stressful and / or sensitive zones) according to the topics: air, biodiversity, public health. These maps made it possible to draw certain conclusions at this stage of strategic planning (the Fuel and Energy Complex Concept) and can serve as an additional planning tool at subsequent stages.

In total, over the period of the project, since November 2017, nine meetings and trainings were held with the participation of about 300 participants from the public, private and non-governmental sectors. Public consultations within the scope of the scope definition were held in April-May 2018 in the cities of Kazakhstan, in which existing fuel and energy facilities are located (Pavlodar, Karaganda, and Astana).

The final Public Consultations as part of the preparation of the Environmental Report were held on November 14, 2018.