

Development orientation of Clean Fossil Energy

As you may know, the demand for energy in Vietnam has increased steadily in recent years to meet the needs of economic and social development and has become one of the countries with the highest growth rate in energy consumption in Southeast Asia. With the characteristics of natural resources, the use of traditional fossil energy sources such as coal, oil and gas still account for a large fraction of the total energy consumption in Vietnam.

However, Vietnam is gradually implementing the energy transition, promoting the development of green and clean energy sources, to ensure energy security and sustainable economic development.

In 2022, We have developed a program to gradually reduce the use of fossil energy in the energy sector and integrate it in the Energy Development Strategy and the National Energy Master Plan, with the following development directions:

- Exploit and rationally utilize domestic fossil energy sources, with the focus on stabilizing, regulating, and requiring national energy reserves; giving priority to gas power development, with a reasonable roadmap to reduce the proportion of coal power; actively import fuel from abroad for power plants.

- Prioritize the exploitation and efficient use of renewable energy, new energy and clean energy. Optimize the allocation of the national energy system based on comparative advantages of each region and locality.

- Develop appropriate, supportive mechanisms and policies to accelerate the transition of energy from fossils to clean and renewable energy in all fields of energy consumption, in which priority is given to promoting the reduction of energy consumption, fossil fuel consumption in large greenhouse gas emitters such as power generation and transportation.

- Strengthen the implementation of economical and efficient use of energy, focusing on energy audit. Promote research and application of modern technologies, energy-saving and environment-friendly equipment, and limit greenhouse gas emission.

- Research on carbon capture technology; mix fossil fuels with clean fuels (green hydrogen, green ammonia, biofuels)... Strengthen cooperation, exchange experience and technology with foreign partners to reduce CO₂ emissions in the field of energy.

In the next period, Vietnam aims at gradually reducing the use of fossil fuels and prioritizing the development of clean and green energy. On that basis, Vietnam

encourages international cooperation, experience sharing, technology transfer, and accompanies Vietnam in the energy transition towards sustainable development.