

THE EIGHTH BAKU INTERNATIONAL CONGRESS “ENERGY, ECOLOGY, ECONOMY”

On June 1-3, 2005 International Ecoenergy Academy held the **Eighth Baku International Congress “Energy, Ecology, Economy”** under UNESCO auspices.

The 8th Congress assembled local and foreign scientists, representatives of oil companies, related ministries and NGO’s to discuss global energy and environmental problems, demonstrate the latest achievements in the field of environmental friendly and energy saving technologies, including renewable energy technologies. The Congress paid particular attention to the Caspian environment issues, impact of oil-gas pipelines on the region’s flora and fauna and people health together with economic, social and legislative aspects.

The following topics were discussed at plenary and technical sessions:

- Environmental issues of energy production
- Renewable energy resources (solar, wind, biomass, hydroresources, etc.)
- Energy saving technologies
- Caspian environmental problems
- Problems of atmosphere air. Air quality control
- Climate change
- Radiation problems. Health protection and safety
- Environmental issues and safety of oil-gas pipeline
- Ecological and economic problems of corrosion and metal constructions’ protection
- Waste management. Utilization of industrial and household wastes
- Soil problems. Contaminated soil remediation
- Protection of water resources. Water processing systems

Welcome addresses were given by: president of State Oil Company of Azerbaijan Republic N. Aliyev, ambassador of Italy M. Costa, representative of the USA embassy J. Hyland, ambassador of Iran A. Suleymani, ambassador of Pakistan M. Hafeez, ambassador of Egypt Y. A. El Sarkavi and ambassador of Libya M. Jaber. All speakers emphasized the importance of the International Baku Congresses “Energy, Ecology, Economy” in the solution of global problems of the new millennium – maintaining ecological balance, reducing anthropogenous pressure upon the ecosystem, rational use of natural resources and climate change.

6 presentations were given in two plenary sessions held on 1 June 2005 after the Congress Opening Ceremony. Plenary presentations were made by: president of IEA, prof. F. Aliyev, director of US Clean Energy institute, prof. N. Veziroglu, prof. of University of Kobe Sh. Takada (Japan), prof. of Düsseldorf University Th. Bluhm (Germany), chancellor of Urmia University G. Sadeghi (Iran) and representative of scientific-manufacturing firm “Combustion regime automatization” A. Melikhov (Russia).

The Congress Programme was very wide and the presentations covered many different aspects of energy saving technologies, renewable energy resource use, environmental problems of Caspian Sea, protection of atmosphere air, land and water resources, etc.

Scientists from Azerbaijan, USA, Russia, Germany, Italy, Japan, Great Britain, Austria, Iran, Turkey, Kazakhstan, Georgia, Libya and Yemen had come together in the 8th Baku Congress to discuss the results of latest researches and concentrate their efforts in elaborating new ideas

helping to save our environment from man-generated disasters. 200 papers were presented at 7 technical sessions: “Environmental problems of energy production, renewable energy resources and energy saving technologies”, “Environmental issues of the Caspian Sea”, “Protection of ecosystem during oil-gas production and transportation” “Protection and rational use of natural resources”, “Problems of atmosphere air. Climate change”, “Radiation safety. Health protection” and “New environmental friendly technologies. Waste management and utilization” on 2-3 June 2005.