



**United Nations' Economic Commission for Europe  
Committee on Sustainable Energy**

**International Programs and Perspectives**

**Presentation to:**

**The 3<sup>rd</sup> Annual DOE/U.N. Hybrid Conference and  
Workshop**

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## **OVERVIEW**

- **Charter of the Economic Commission for Europe**
- **Role and Function of the Committee on Sustainable Energy**
- **Technology Programs, Activities, Accomplishments**
- **Future Directions, Mandates and Energy Security**

## ECONOMIC COMMISSION FOR EUROPE:

- **U.N. Security Council**
- **U.N. Economic and Social Council**
- **Five Regional Commissions**
- **UN/ECE Represents Europe and North America**
- **55 Governments**
- **Private Sector, 75% of World GDP**
- **Seven Committees and 220 Staff**

**ECONOMIC COMMISSION FOR EUROPE:  
Principal Subsidiary Bodies**

- **Timber Committee**
- **Committee on Environmental Policy**
- **Conference of Europeans Statisticians**
- **Inland Transport Committee**
- **Committee for Trade, Industry and Enterprise Development**
- **Committee on Human Settlements**
- **Committee on Sustainable Energy**

## COMMITTEE ON SUSTAINABLE ENERGY

- **38 Governments, 260 Participants**
- **Assist Economies in Transition**
- **Liberalization of Energy Markets**
- **Energy Pricing Policies**
- **Energy Efficiency Implementation**
- **Norms, Standards and Classification Systems**
- **Electric Power, Coal and Gas Utilization and Infrastructure**

## COMMITTEE ON SUSTAINABLE ENERGY:

- **Working Party on Gas**
- **Gas Centre**
- **Energy Efficiency 21 Project**
- **Experts on Coal in Sustainable Development**
- **Experts on Electric Power**
- **Experts on Reserves and Resources**
- **Task Force on Reforming Energy Prices**

## **MAJOR ACHIEVEMENTS:**

- **Classification systems for the evaluation and assessment of reserves and resources**
- **Development of energy efficiency standards and labeling systems**
- **Provision of technical assistance to countries in transition**
- **Development of guidelines for reforming energy pricing**
- **Review of sustainable energy indicators for monitoring performance**

**MAJOR ACHIEVEMENTS: Cont.**

- **Analysis of reliability of data on energy supplies**
- **Development of energy efficiency demonstration zones**
- **Information transfer on the rehabilitation of coal mining sites**
- **Dissemination of information on clean coal preparation and upgrading**
- **Evaluation of information on clean coal combustion in small boilers**
- **Dissemination of information on improving thermal efficiency of large coal-fired plants**

**MAJOR CHALLENGES:**

- **New and Renewable Energy Sources**
- **Zero-Emission Technologies**
- **Inter-Sectoral Activities**
- **Restructuring in Coal-Mining Communities**
- **Development of Cleaner, More Efficient Technologies**
- **Enhanced Communications Through Internet Applications**
- **Energy Security Forum**

## **ENERGY SECURITY FORUM:**

### Immediate Objectives

**An enhanced dialogue on energy security based on the diversity of views expressed at the United Nations to provide objective information to international financial markets.**

- **Transform Uncertainty into Quantifiable Risk**
- **Discuss Options and Future Actions**
- **Involve Decision Makers**
- **Quarterly Information to Financial Markets**
- **Early Warning Energy Security System**

# **ENERGY SECURITY FORUM:**

## **Activities and Outputs**

- **Decision Makers' Annual Forum**
- **Quarterly Statement to Financial Markets**
- **Energy Supply and Industry Indicators**

**ENERGY SECURITY FORUM:**

**Decision Makers' Annual Forum**

- **Dialogue with Diverse Partners**
- **High Level Counterparts**
- **Public and Private Meetings**
- **Website & Electronic Publishing**
- **Widespread Media Coverage**

**ENERGY SECURITY FORUM:**

**Quarterly Statement to Financial Markets**

- **Quarterly Review of Hydrocarbon Market**
- **Key Risks and Economic Consequences**
- **Standard Format Quarterly Statement to Financial Markets and Governments**
- **Website & Electronic Publishing**
- **Widespread Media Coverage**

**ENERGY SECURITY FORUM:**

**Energy Supply and Industry Indicators**

- **Energy Data from Producers and Industries**
- **Coordinator on Key Data**
- **Reliability of Hydrocarbons Data**
- **Transparency and Efficiency of Market**
- **Energy Security Early Warning Indicators**
- **Supporting Data for Quarterly Statement**

**ENERGY SECURITY FORUM:**

**Methods and Next Steps**

- **Within the Committee on Sustainable Energy**
- **Consultations with Potential Forum Members**
- **Committee Bureau Review**
- **Acceptance by Full Committee**
- **Launch Forum in November 2003**

