

Energy Statistics

Energy Statistics

Nuclear Energy

Purpose

To provide an annual update of statistical information and projections, country-by-country, on nuclear electricity generation and related fuel cycle capacities and requirements.

Objectives and outputs

The data are published country-by-country on nuclear electricity generation and capacity. All supporting stages of the nuclear fuel cycle are included: uranium production, conversion, enrichment, fuel fabrication, spent fuel capacities and arisings, and reprocessing. The forecasts currently extend to 2015 at 5-year intervals. The latest version was published in Autumn 2002 and includes high and low scenarios, is more reader friendly and provides more complete information about each country's nuclear programme and latest developments and trends in the nuclear field.

Main Developments for 2003

General aspects:

Improvement of colours and graphs.

Energy Statistics

Uranium Resources, Production and Demand

Purpose

To produce the joint NEA/IAEA publication "Uranium Resources, Production and Demand (The Red Book)". This publication provides world uranium statistics and analysis every two years using data provided by government responses to an agency-generated questionnaire.

Objectives and outputs

Uranium-related data in the following areas: Resource Availability, Exploration, Production, Resource Requirements, Environmental and Social aspects, and Supply and Demand relationships. Statistics and analysis are provided, in summary and country by country, based on official responses to a biennial questionnaire.

Main Developments for 2003

General aspects:

The Red Book 2001 version will be published in spring 2002. The 2003 version, including questionnaires, will be discussed at next NEA-IAEA Uranium Group meeting. An effort is underway to create a uranium database with the capability for on-line data entry and analysis.