

# INPRO Dialogue Forum on Nuclear Energy Innovations

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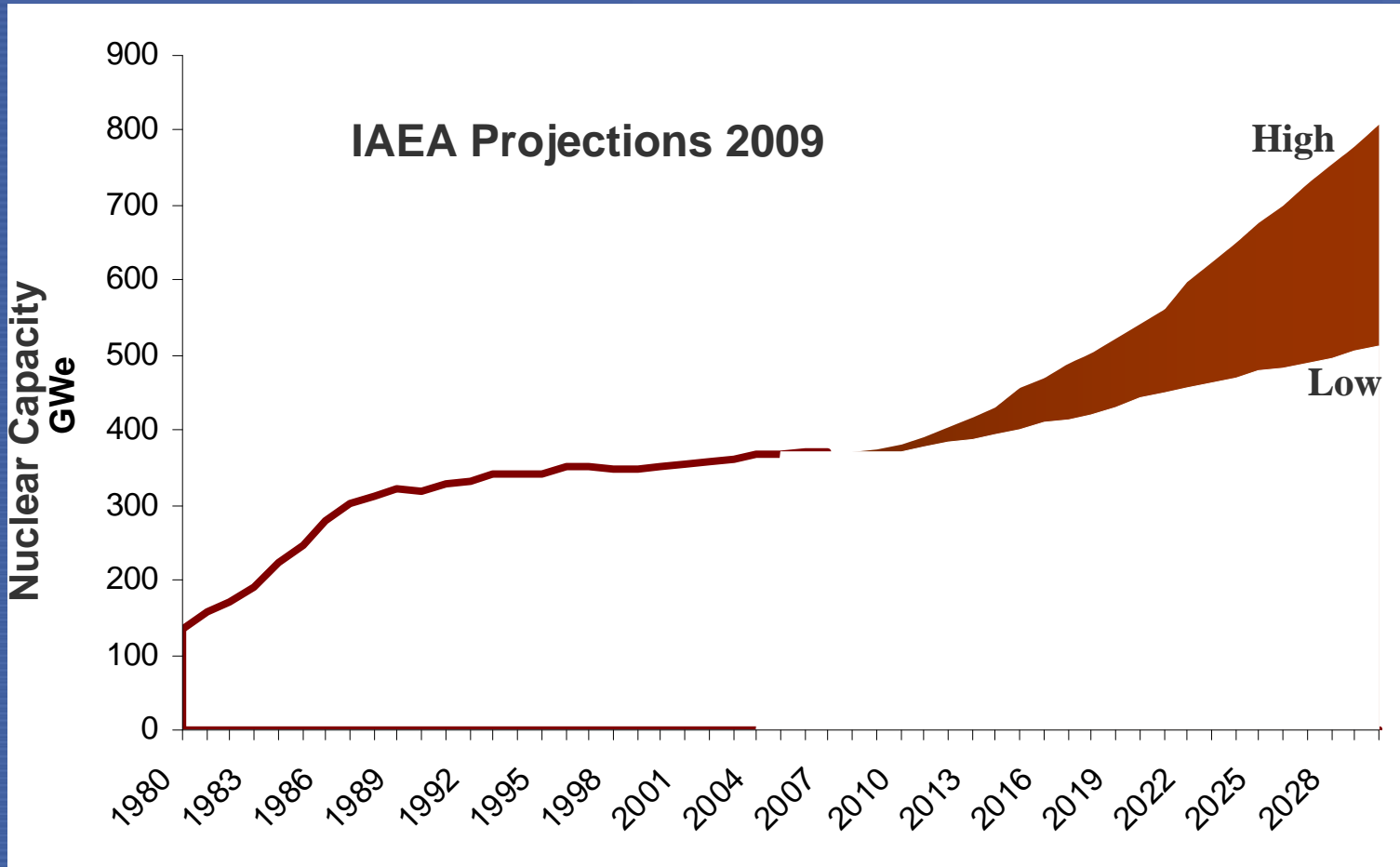


**IAEA**

International Atomic Energy Agency

# **Socio- and macroeconomic factors that influence decisions regarding deployment of nuclear systems**

# Outlook for World Nuclear Power Development



# IAEA Projections 2009



IAEA

# New Build Up to 2030 (next 20 years)

## New NPPs to become on-line

Low Case : 240 units (12/yr)

High Case : 485 units (24/yr)

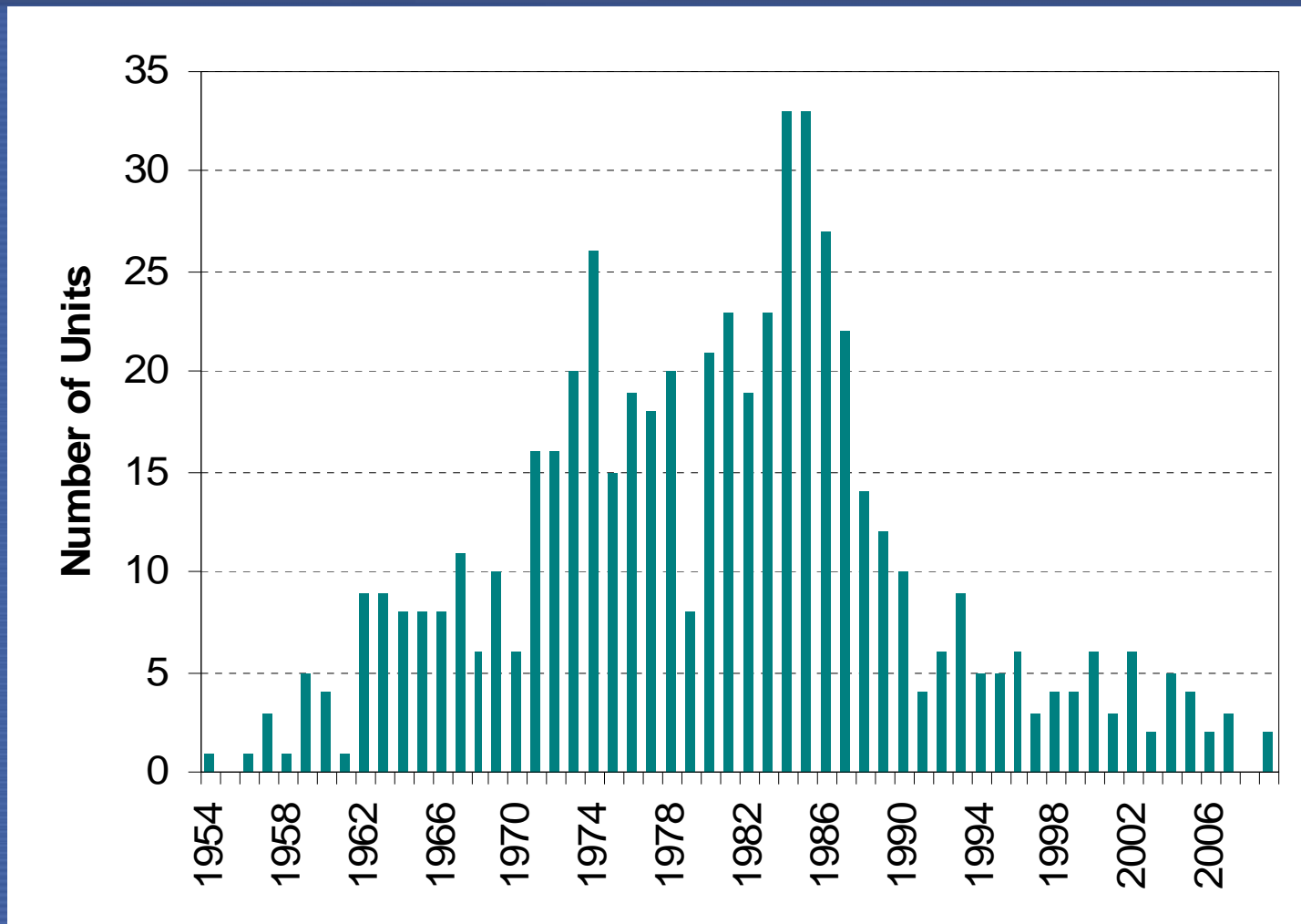
## Present Status:

437 Operating

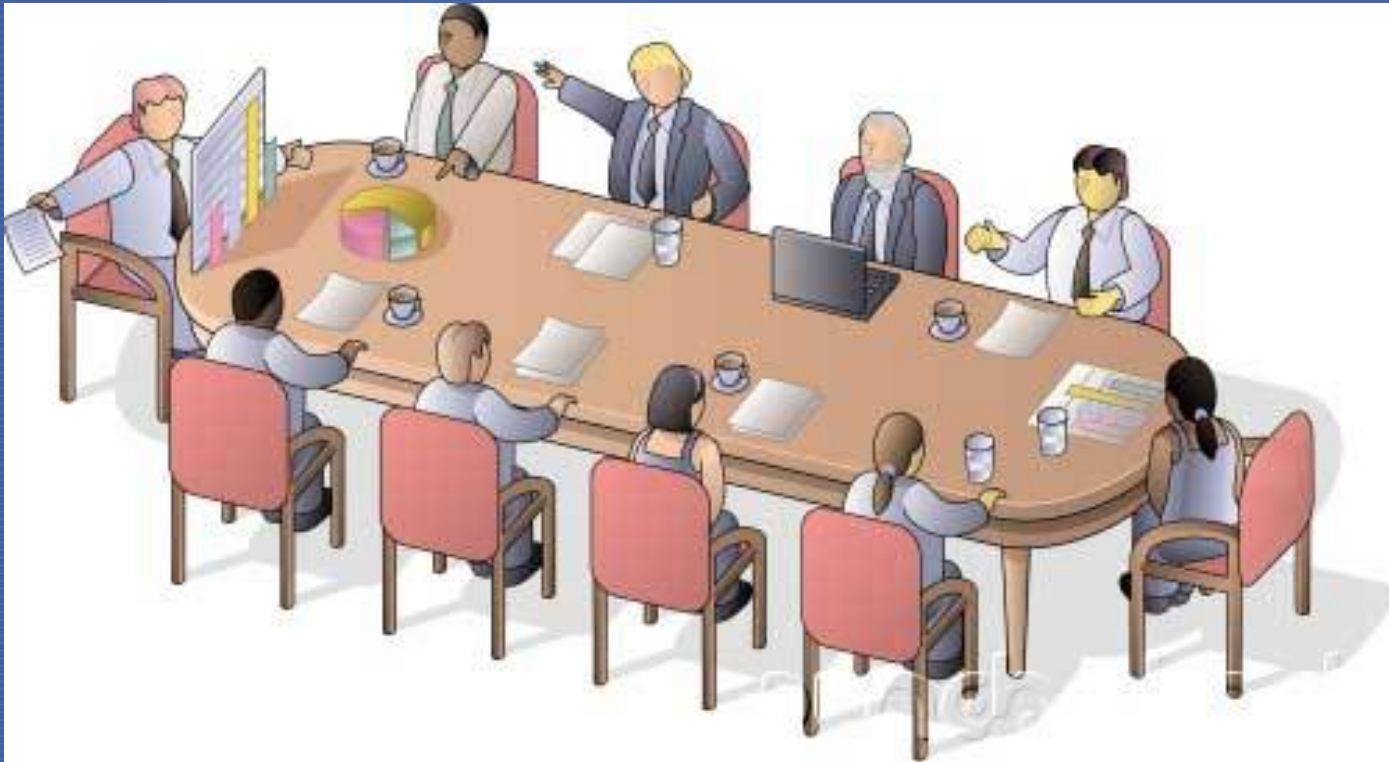
56 Under-construction



# Past Experience: Grid Connections



# Nuclear Energy Decisions



# Main Factors Influencing Nuclear Energy Decisions

**Technical**

**Economic**

**Social**

**Environmental**

**Political & Strategic**



# Topic 1: Socio- and macroeconomic factors

Social, economic, environmental and institutional issues influencing energy decisions - in particular decisions on nuclear energy:

**D. Sharma (Australia)**

Macroeconomic factors influencing nuclear power deployment in developing countries:

**N. Barkatullah (IAEA)**

EU's vision and actions on the role of nuclear energy for sustainable development and climate change mitigation:

**M. Deffrennes (EC)**

# Topic 1: Socio- and macroeconomic factors

Contribution of nuclear technologies to the economic development: the Korean experience:

**M.K. Lee (Rep. of Korea)**

Main driving factors for Indian long term nuclear energy strategy

**A. Srivastava (India)**

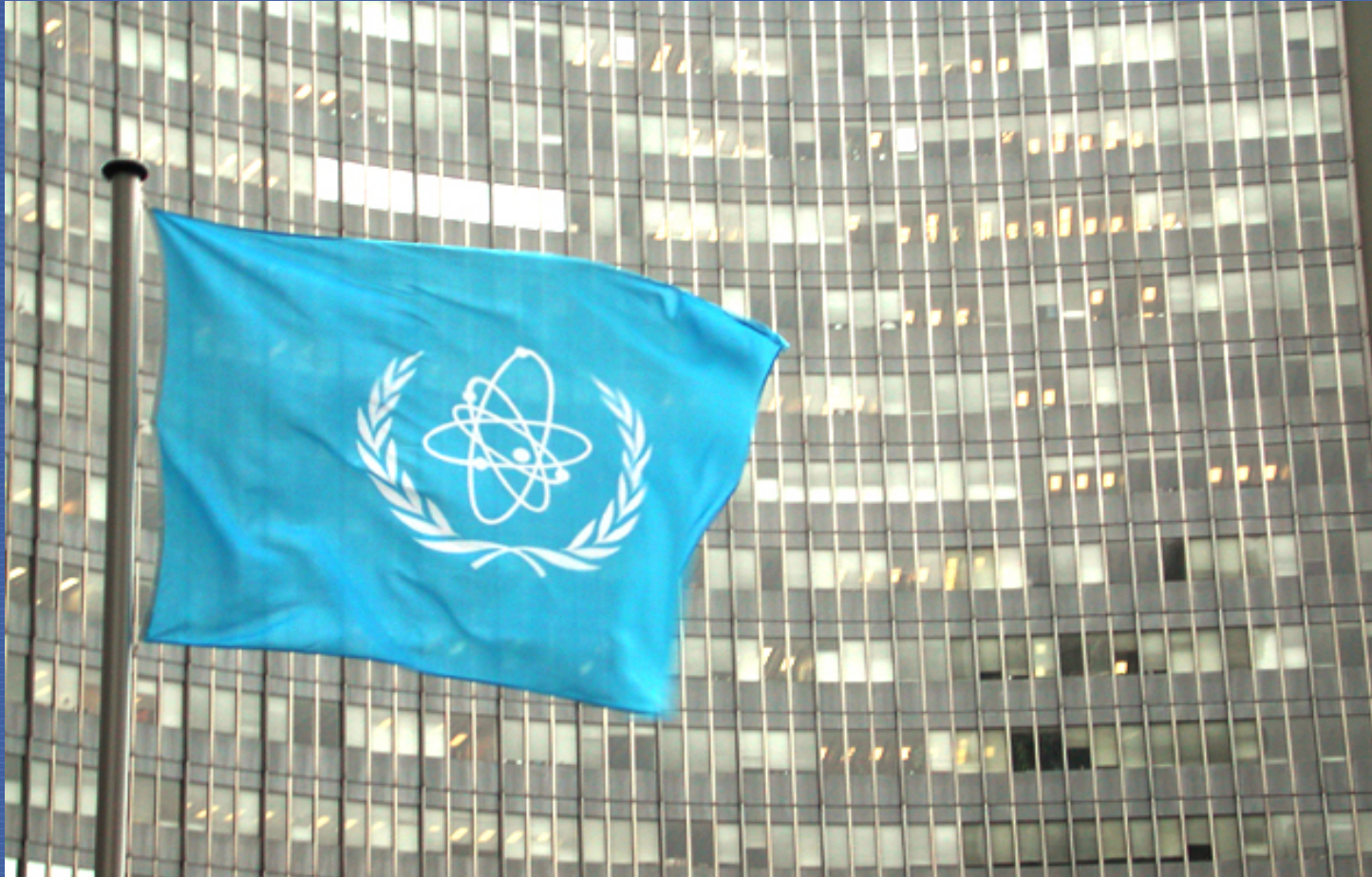
The basis and process for considering nuclear power for meeting future energy needs in Malaysia

**J. Ibrahim (Malaysia)**

Major challenges for introducing nuclear energy: Egyptian case

**Y. Ibrahim (Egypt)**

# Thank You



*IAEA...atoms for peace.*

