

Nuclear Power: Energy Security & Supply Assurances

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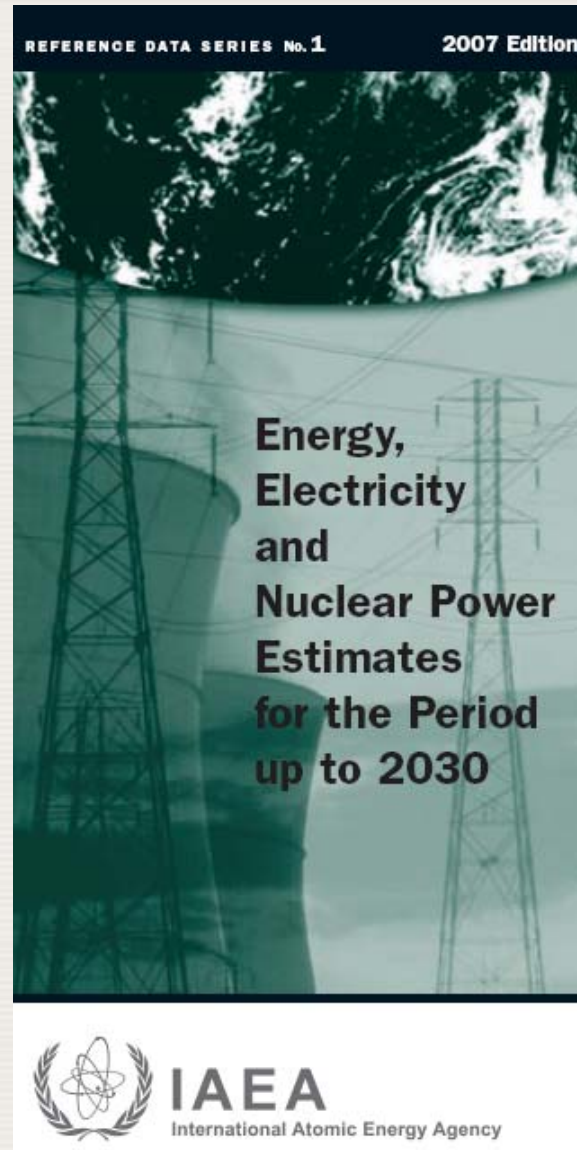
Alan McDonald
Department of Nuclear Energy



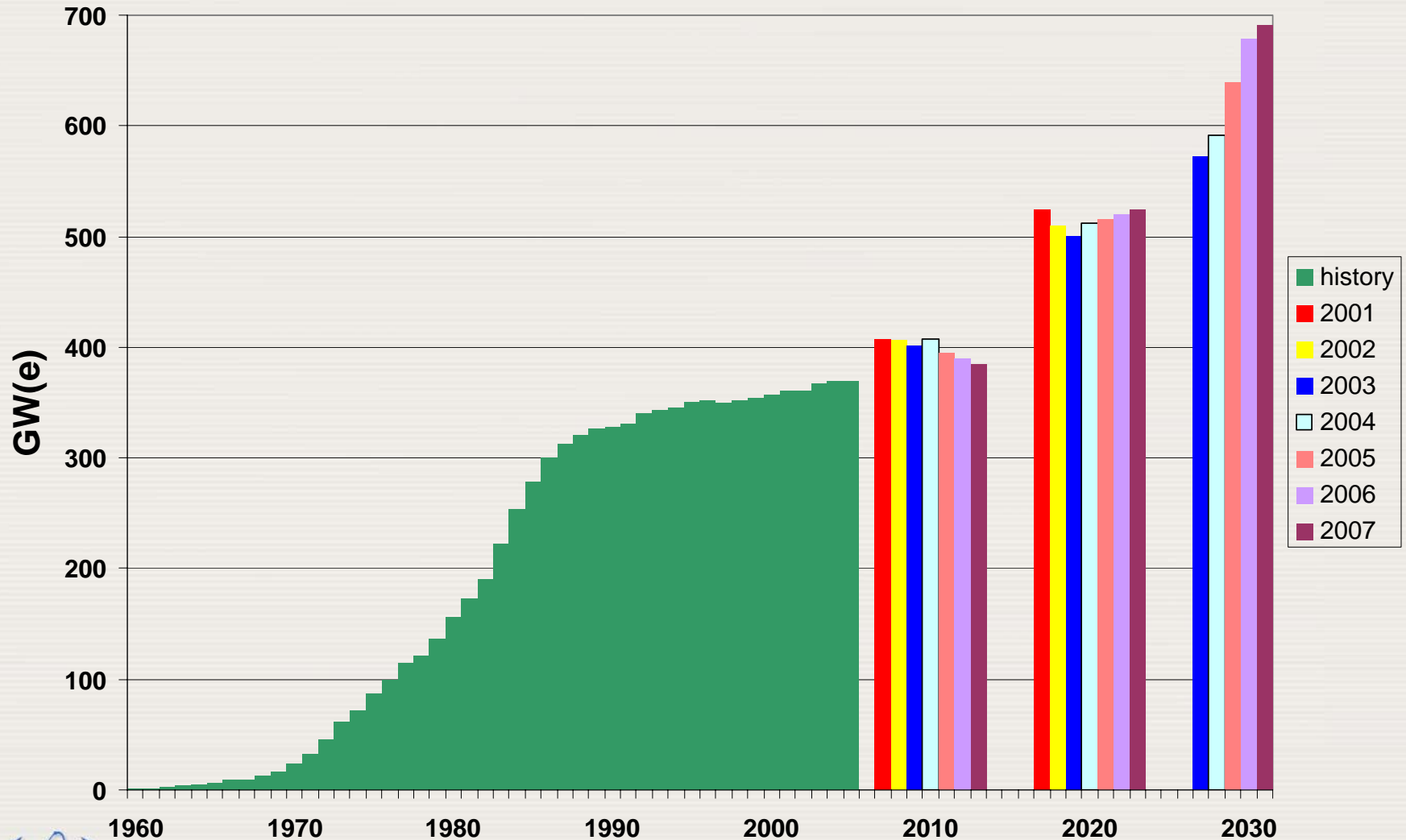
IAEA

International Atomic Energy Agency

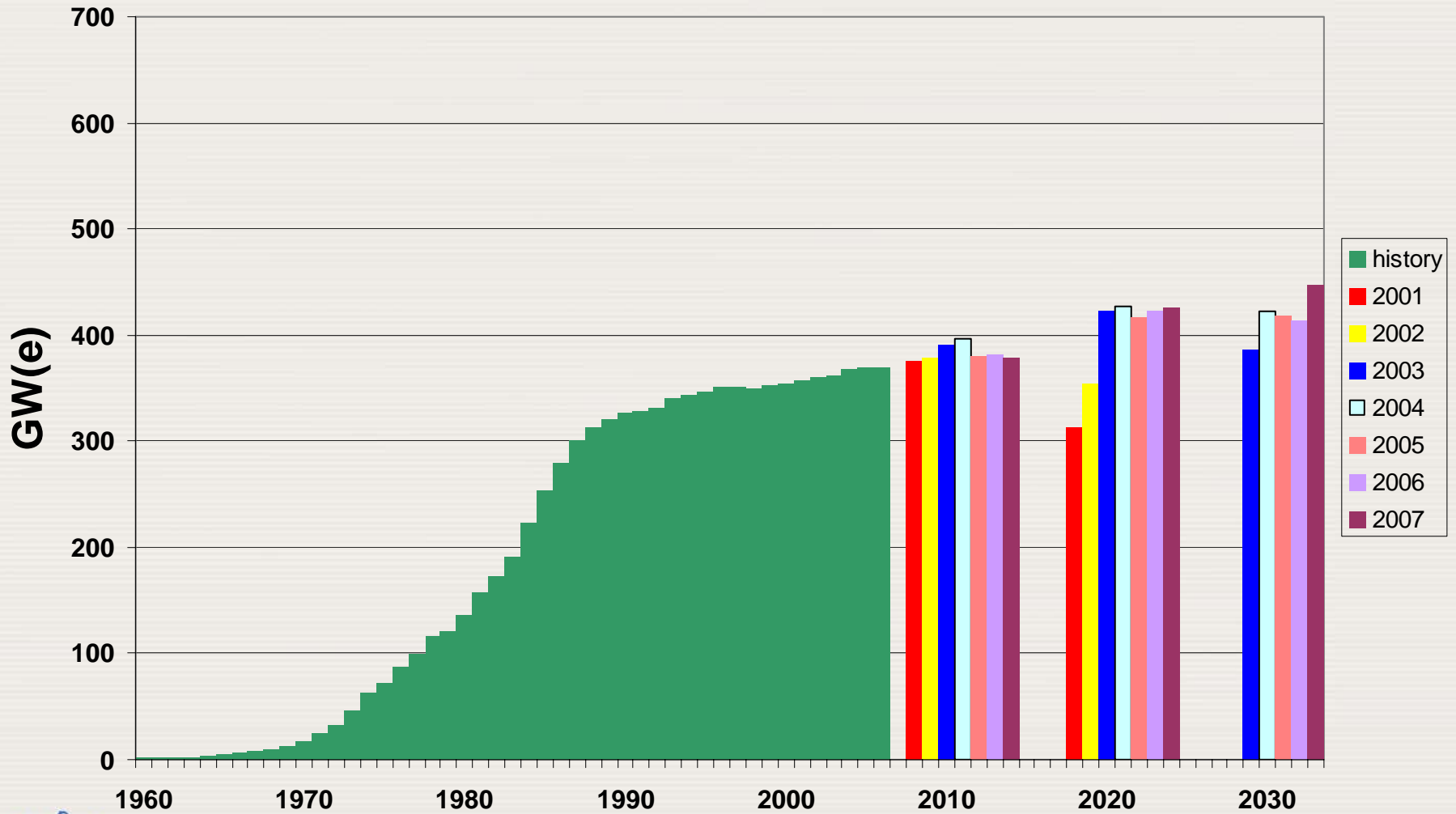
Updated nuclear power projections



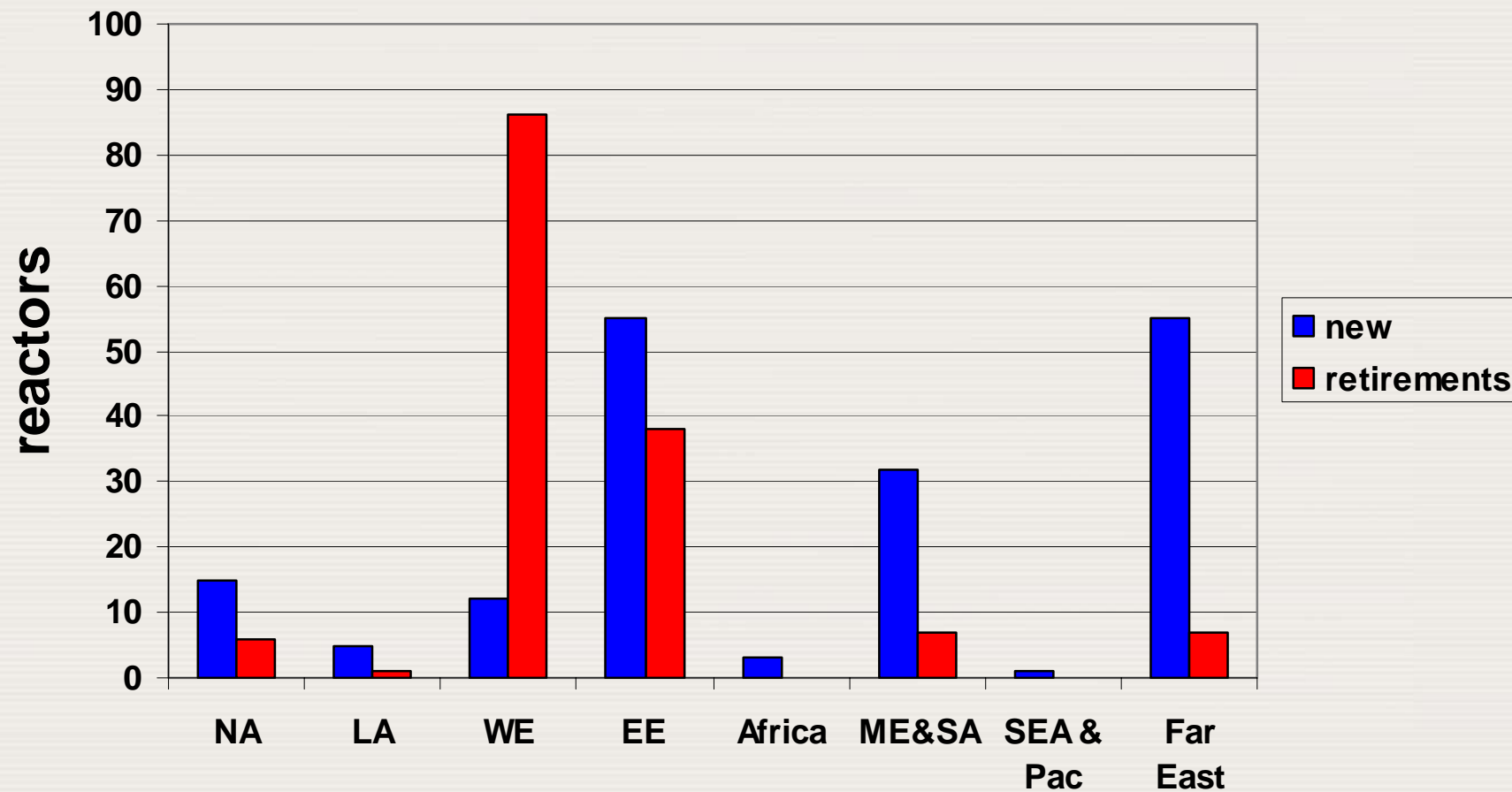
Evolution of high projection



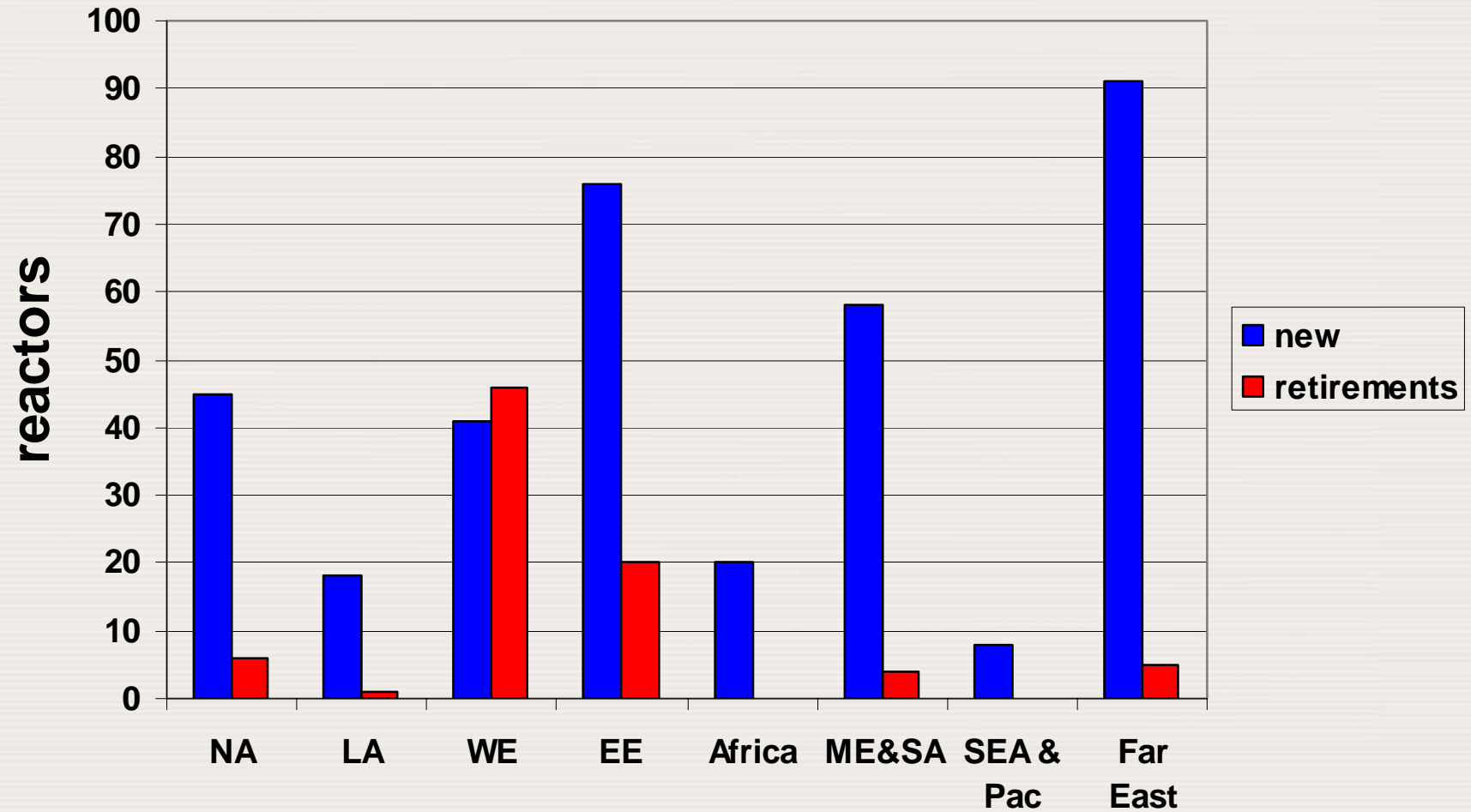
Evolution of low projection



Low projection



High projection



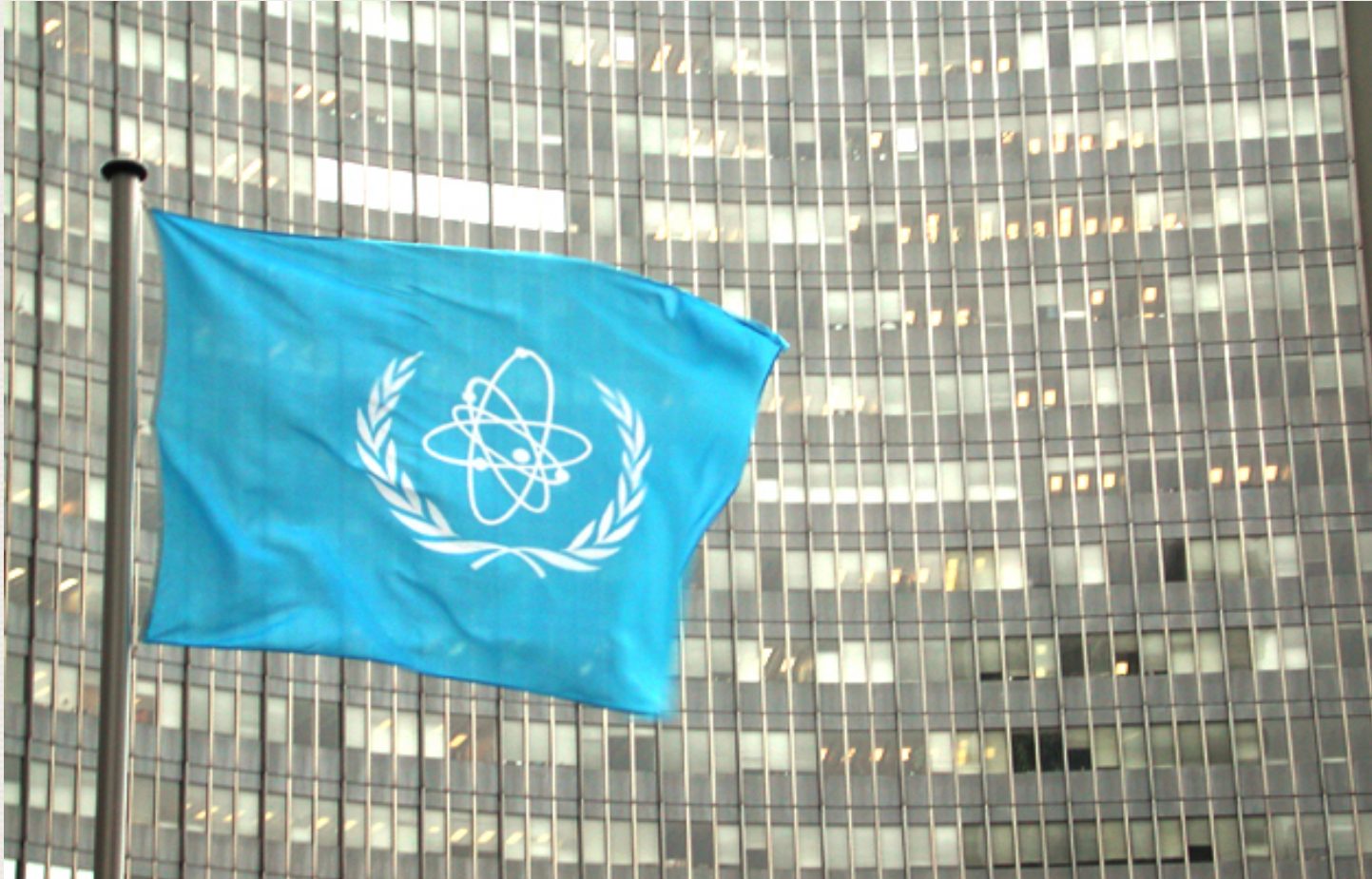
Assurances of supply

- Nuclear Threat Initiative (NTI)
- 6-country proposal
 - US 17 tonnes HEU
 - enrichment bonds
- WNA
- IUEC
- Extraterritorial IAEA enrichment facility
- Information sharing on front-end

Assurances of supply

- Vision of multiple co-existing mechanisms
- Assurances should
 - be equitable and accessible
 - be voluntary
 - not compromise rights of States

IAEA



...atoms for peace.