

A Roadmap to HEU Clean-Out

***"Rationale and Challenges of Eliminating the
Civil Use of HEU"***

***Next Generation Nuclear Security:
Meeting the Global Challenge***

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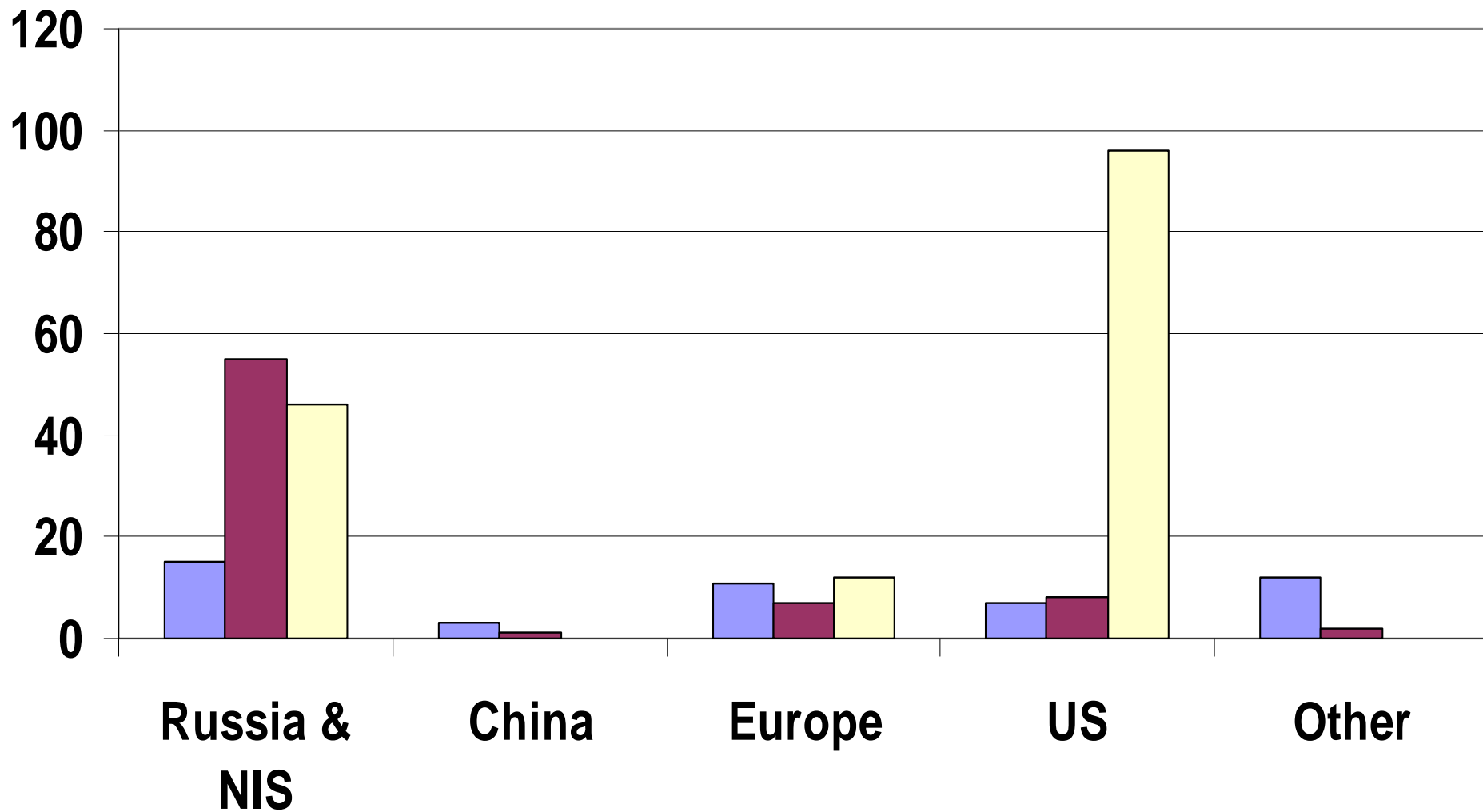
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Objective

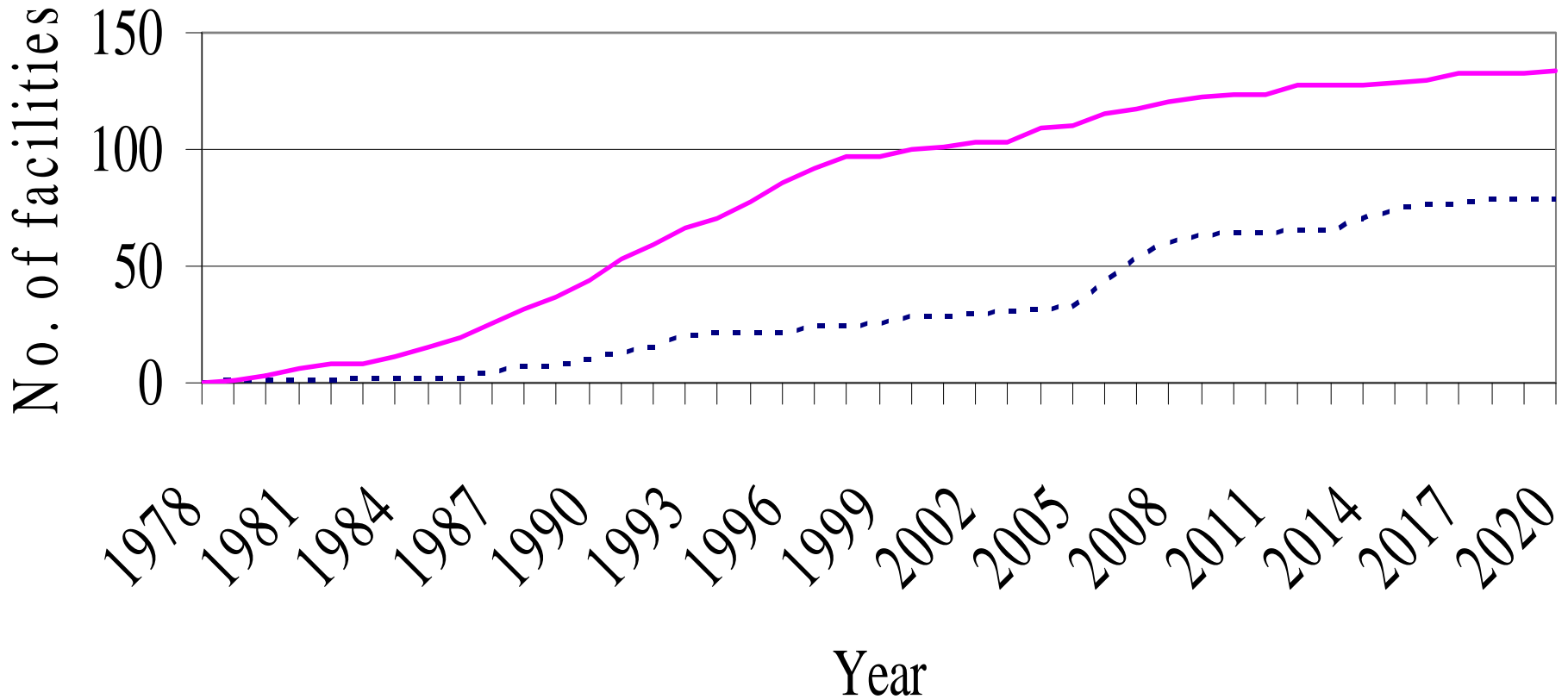
- **Assess the results of HEU minimization activities on the basis of results**
- **Suggest measures to accelerate the minimization and complete elimination of the use of HEU globally**

Number of HEU fuelled facilities in operation



■ Steady-state research reactors ■ Other reactors ■ Naval reactors

Number of HEU-fuelled facilities shutdown vs. converted



--- Converted (cumulative)

— Shut-down (cumulative)

Roadmap for HEU Clean-out (1/2)

- The overall objective should be a global HEU clean-out from all areas of use
- IAEA has to be given a promotional mandate for HEU minimization
- Decommissioning and dismantling should play a significant role in the future HEU minimization effort

Roadmap for HEU Cleanout (2/2)

- **Alternative technologies have to be supported**
- **International conference under UN auspices on the elimination of all types of HEU-fueled facilities**