G8 Global Partnership Meeting
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IAEA Nuclear Security Activities

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Outline

• IAEA Nuclear Security Programme.

• Working with Global Partnership.

• Future Opportunities.
Current Nuclear Security Programme
IAEA Nuclear Security Plans

- **2002 - 2005**
  - Approved by Board of Governors in March 2002
  - Nuclear Security Fund approved to receive voluntary contributions

- **2006 - 2009**
  - Approved by Board of Governors in September 2005

- **2010 – 2013**
  - Drawn up in consultation with Member States
  - Approved by Board of Governors in September 2009
Four Elements of Current Programme

1. Needs assessment, information collation and analysis – INSSP/ITDB/NUSEC/NUSIMS


3. Providing nuclear security services – Advisory, Peer Review Missions (INSServ/IPPAS), E&T

1. Needs assessment, information collation and analysis

- **INSSP** (Integrated Nuclear Security Support Plans):
  - 60 have been developed or are in various stages of finalization
  - Another sixty will be developed by 2013
  - *In line with 2011 declaration entitled ‘Assessment and Options for Future Programming’*

- **NUSEC** (Nuclear Security Information Portal)
  - Promotes and disseminate self-assessment; and
  - Establish and maintain a Nuclear Security Information Management System (NUSIMS).
2. Contributing to the enhancement of a global nuclear security framework

IAEA Nuclear Security Series Publications

- Fundamentals; Objective and Essential Elements
- Recommendations
- Implementing Guides
- Technical Guidance

Coordinated Research Projects

- Development & Implementation of Instruments & Methods for Detection of Nuclear and other Radioactive Material
- Application of Nuclear Forensics in Illicit Trafficking of Nuclear and other Radioactive Material
- Identification High Confidence Nuclear Forensics Signatures for the Development of National Nuclear Forensics Libraries
- Development of Methodology for Risk Assessment & State Management of Nuclear Security Regime

16 Published – 8 in Final Stage – 31 Planned
3. Provision of Nuclear Security Services

Peer Reviews and Advisory Services

• > 40 States have received INSServ Missions
• > 35 States have received IPPAS Missions
• > 115 States have received RaSSIA, IRRS
  …etc.
• > 30 States have received legislative assistance
3. Provision of Nuclear Security Services (Cont’d)

Education and Training in figures:

- About 30 different nuclear security training courses were designed.
- About 60 events (training courses, workshops) per year.
- About 10,200 participants from 120 States were trained in 400 training events.
4. Risk Reduction & Security Improvement

Physical Protection Upgrades
- 110 sites in 30 States had Physical Protection upgrades
- 4700+ radioactive sources were secured in 35 States
- 170+ sources repatriated to supplier States
- 1040 kg of research reactor fuel repatriated

Enhanced capabilities for Border Control in 56 States
- 3200+ instruments and related training provided
- 52 Radiation Portal Monitors installed in 19 States
- Remote monitoring systems in 11 countries
Working with Global Partnership
Contributions from existing GP Members since start of NSF of over €20 million.

Standard approach:

• IAEA discusses and agrees projects to be supported with the contributor; and

• IAEA involves contributor, where appropriate, in assessment visits, project design, monitoring and evaluation.
Examples of Projects Funded by GP Contributions: PP Upgrades
Examples of Projects Funded by GP Contributions: PP Upgrades (Cont’d)

• Central Alarm Station installed in a NPP using funds from a Member of the GP
Examples of Projects Funded by GP Contributions: IAEA - ROSATOM
Establishing of Physical Protection Centre in Obninsk
Joint Project: IAEA - ROSATOM
Establishing of Physical Protection Centre in Obninsk (Cont’d)

29 May 2009
Future Opportunities
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• Accelerating implementation of NSP through provision of funds.

• Establishment and Implementation of INSSPs and new self assessment methodology *(meeting national and international obligations).*

• Supporting national commitments made to Nuclear Security Summit and other fora.
Future Opportunities (Cont’d)

• IAEA with 152 Member States is only platform for global nuclear security.

• IAEA has existing agreements with Member States, removing need to negotiate separate agreement.

• Agency can address States that prefer to receive multilateral assistance.
Conclusion

Global Threat demands Global Response
&
Together we shall establish and maintain a secure and continuously improved world
...Thank you for your attention

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