WHY AN EFFECTIVE NATIONAL REGULATORY INFRASTRUCTURE IS ESSENTIAL FOR A COUNTRY’S RADIATION PROTECTION SYSTEM

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Scope of the presentation

• Consequences of inadequate infrastructure
• Elements of effective regulatory infrastructure
• Impact of the infrastructure on safety
• IAEA contribution to global safety
Benefits versus hazards
Examples of reasons for accidents

- Unclear rules
- Undefined responsibilities
- Lack of procedures
- Inadequate training
- Equipment
- Lack of safety culture
- Negligence

Ineffective regulatory control
Elements of regulatory infrastructure...

- Radiation safety law
- Regulations
- Regulatory body
- Coordination

Activities

Authorisation
Inspection
Enforcement
Information management

Framework
GRADED APPROACH

Regulation
Increasing Risk
... and its impact on safety in the field

- Radiation safety law
- Regulatory body
- Regulations
- Coordination

- Authorisation
- Inspections
- Enforcement
- Information management

- Procedures
- Qualifications
- Safety provisions
- Source inventory

IAEA
International Atomic Energy Agency
IAEA services and tools

- Integrated Regulatory Review Services (IRRS)
- Advisory expert missions
- Review of laws and regulations
- Training courses and materials
- Self-Assessment methodology and Tool (SAT)
- Regulatory Authority Information System (RAIS)
- Radiation Safety Information Management System

Technical Cooperation programme

*Infrastructure - prerequisite for supply of sources*
Conclusions...1

- Effective national regulatory infrastructure is key to radiation safety at workplaces.

- Graded approach increases effectiveness of the regulatory oversight of the radiation safety.
Conclusions...2

• IAEA Safety Standards contribute to effective regulation and to global safety.

• The IAEA offers services and tools to strengthen regulatory infrastructure worldwide.

...Thank you for your attention

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