Education on CBRN and International Agreements

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Core objectives of CBRN education

- Basic knowledge about CBRN and underlying technologies
- Identification and understanding threats and risks
- Understanding responsibilities
- Knowing relevant international frameworks
- Understanding transfer controls
- Knowing partners and target audiences
- Deploying educational and outreach strategies
Basic knowledge about CBRN and underlying technologies

• Basic knowledge is fundamental
  • For yourself to appreciate risks and threats
  • To be able to appreciate when a risk or threat emerges
  • To communicate your knowledge and insights

• Awareness of context
  • What are the international and national regulatory frameworks governing a particular type of technology?
  • Which agencies bear responsibility for technology transfers?
  • Where can I inform myself about my own responsibilities?
Education about export controls ...

- **Is about changing attitudes of individuals or groups**
  - Audiences need to acquire enhanced awareness about the potential implications of their activities and individual actions
  - They must be able to identify and assess short-term and longer-term risks and threats
  - They must acquire situational awareness to maintain standards of responsible behaviour

- **Knowledge transfer is insufficient to shape attitudes**
  - Audiences need to be engaged
  - They need to discover for themselves *why* the issue area is important / relevant to them
  - They need to discover *how* they can mitigate risks and threats
  - The insights need to become part of the daily professional routine
Why is there a need for education?

- Consensus may exist about the prohibition of the weapon, however
  - Controversy may exist about technologies and processes underlying CBRN weapons
  - The dual-use challenge: the final, single-purpose phase in the CBRN weapon development process may be difficult to establish

- Different threat perceptions may exist among relevant societal constituencies
  - Military, government officials, politicians, scientists, industry, etc.
  - These may lead to different assessments of risks, and therefore to different appreciation of responsibilities

- Limited awareness exists among scientists and industry representatives about potential contribution of their activities to future weapon development
Who needs to be involved?

- International organisation / arrangement
- Other parties / members
- Other Ministries
  - Agriculture
  - Defence
  - Education
  - Economics
  - Foreign Affairs
  - Health
  - Interior
  - Justice
  - Trade
  - ...
- Specialised & Technical Agencies
  - Customs
  - Emergency services
  - Intelligence
  - Law enforcement
  - Military
  - ...
- Parliament
- Focal Point
- Regional interactions
- Bilateral interactions
- Civil Society
  - NGOs
  - Research communities
  - Scientific associations
  - Universities
  - Schools
- Professional communities
  - Industry
  - Professional organisations
  - Press