

**Laying the Grounds for 2012**  
**Opportunities for Nuclear Non-Proliferation and Nuclear Security**  
November 29<sup>th</sup> – December 1<sup>st</sup>, 2011  
Amman, Jordan

**DRAFT Agenda**

<http://acsis.org/meetings/nuclear-2011/agenda>

**Nuclear Non-Proliferation in the Middle East**

- Revisiting international legislative frameworks
  - NPT
  - IAEA safeguarding system
  - Physical Protection Convention of Nuclear Material
- Growing utilization of nuclear energy and the impact on nuclear non-proliferation

**Prospects of a Regional Nuclear Fuel Cycle**

- Nuclear Fuel Supplies – Prospects of Regional Integration
- Addressing the growth of fissile materials applications
- Assurances of nuclear fuel supply
- Could EURATOM apply to the Middle East
- Regional fuel cycle and nuclear safety/security (individual vs. cooperative approaches for the security of radiological sources & nuclear facilities)

**Addressing Other Categories of WMDs: Chemical and Biological Capabilities**

- Biological and chemical capabilities in the Middle East
- The role of the BWC and CWC in the 2012 UN meeting on the Middle East
- Expanding the scope of prohibition to all categories of WMD

**Toward a WMD-Free Zone in the Middle East**

- Prospects of a nuclear weapon free zone in the Middle East
- Political pre-requisites for the zone
- CTBTO's role: nexus between the CTBT and NWFZs

**Preparations for 2012 Nuclear Summit and UN Meeting on the Middle East**

- Energy security summit and UN meeting on the Middle East (the role of civil society organizations)
- Implications of a successful nuclear security summit – possible impact on UN efforts

**Nuclear Non-Proliferation and Nuclear Security: Toward a Unified Treatment**

- The inter-relationship between nuclear nonproliferation and nuclear security
- Could a nuclear security regime promote nuclear non-proliferation in the Middle East

- Radiological Security Zone in the Middle East (prospects, feasibility, and practicality)

### **Radiological Source Security: Identifying High Priority Sources and Threats**

- What is the problem and its characteristics?
- Improvised nuclear devices (IND) vs. radiological dispersal devices (RDD)
- Practical possibilities and mitigation steps: focusing on high priority sources, inventorying and databases, forensics and attribution technology development

### **Creating a Baseline for International Radiological Source Security**

- Existing binding and non-binding legal instruments
- International standards and guidance, including IAEA recommendations for radioactive materials
- National and regional regulations and legal models
- Performance-based vs. uniform standards (including security culture and transparency)
- Best Practices for radiological Security

### **Improving Radiological Source Security at Hospitals and Other Public Buildings**

- Security in a public area, security arrangements, equipment, and personnel reliability
- Alternative production methods for medical applications, “Built-in security”
- Law enforcement, emergency management, and communication techniques
- Lessons learned from implementation, training, and exercises
- International cooperation and protecting public places
- Preparing and managing response to an event

### **Exploring Regional Approaches to Radiological Security**

- Radiological security as a priority in the Middle East and North Africa
- Security in domestic and international transport of sealed radioactive sources
- Sharing best practices and border controls
- Spain-Morocco collaboration
- US GTRI Collaborations in MENA
- Creating regional radiological security zones

### **Raising the Profile of Radiological Source Security as an International Concern**

- Educating the media, industry, and the public
- Role in the 2012 Nuclear Security Summit