

**INTERNATIONAL ATOMIC ENERGY AGENCY  
NUCLEAR AND TECHNOLOGICAL INSTITUTE**

**International workshop on Sustainable Management of DSRS**

**Lisbon, Portugal, 11 – 15 October 2010**

---

**NATIONAL EXPERIENCE WITH THE LEGAL  
INSTRUMENTS IN THE REPUBLIC OF  
MACEDONIA**

- CODE OF CONDUCT**
- JOINT CONVENTION**

**Goran Angelovski, junior associate**

**Svetlana Petreska, junior associate**

**Radiation Safety Directorate**

**Republic of Macedonia**



Bul. Partizanski odredi 143  
P. O. Box 22, 1020 Skopje  
Republic of Macedonia

[rsd@avis.gov.mk](mailto:rsd@avis.gov.mk)  
[www.drs.gov.mk](http://www.drs.gov.mk)

phone: +389 2 3099 030  
fax: +389 2 3099 032





# Legislative Framework

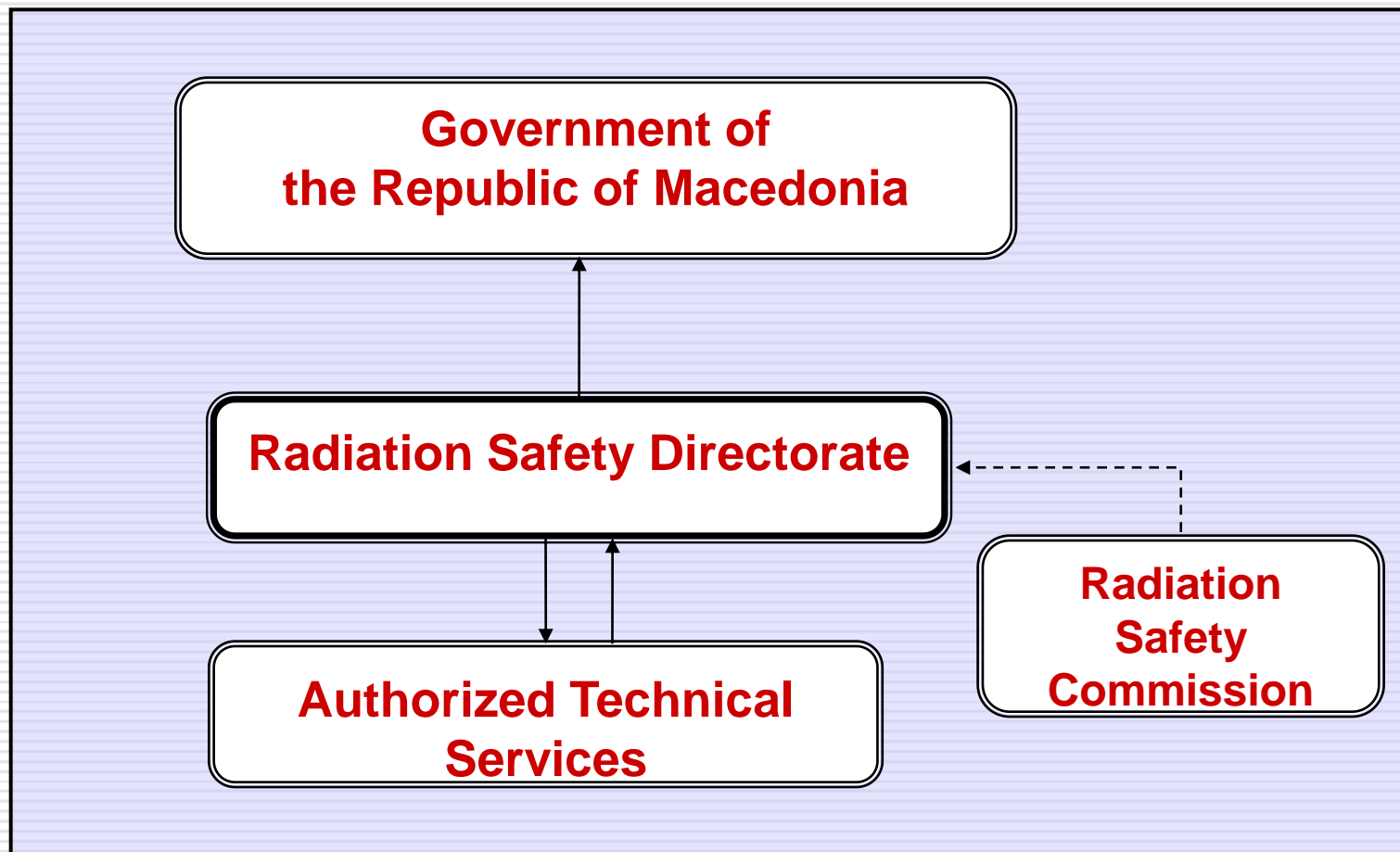
---

- **Law on Ionizing Radiation Protection and Safety** (Official Gazette of the Republic of Macedonia, No. 48/2002)
- **Radiation Safety Directorate** – independent governmental regulatory authority, established on 5 May 2005
- **Law Amending the Law on Ionizing Radiation Protection and Safety** (Official Gazette of the Republic of Macedonia, No. 135/2007)
- **Regulations**

# Radiation Safety Infrastructure



Radiation Safety Directorate





# Legal Instruments

---

- o **Macedonia has formally made a commitment to implement the Code of Conduct**
  - Nominated National Contact Points
  - Self Assessment Questionnaire already answered
  
- o **Ratified Joint Convention on the safety of spent fuel management and on the safety of radioactive waste management (O.G. 113/2009)**
  - Nominated National Contact Point



# Legal Instruments

---

- o **Code of Conduct 2004 implementation:**
  - Law 48.02 and 135.07 and regulation
  - Regulation on the form and the content of the template of application for license, the form and the content of the license, as well as the procedure for issuing of the license, (O.G. No.157/2009);

# Regulatory Body Responsibility



Radiation Safety Directorate

- **Radiation Safety Directorate – RSD empowered for:**
  - Issuing regulations,
  - Notification and licensing,
  - Inspection and enforcement
  - National register of sources
  - Establishing the intervention levels
  - Interventions in a case of emergency
  - National and international cooperation
  - ensuring training of RPO and workers
  - establishing appropriate ways for providing information to the public regarding the radiation protection
  - etc

---

**International workshop on Sustainable Management of DSRS**



# Code of Conduct - Minimizing the likelihood of a loss of control

---

- o **National Registry of radiation source inventory:**
  - Maintained by the RSD using RAIS 3.0 software, using as a database
  - Continuously updated and verified through inspections;
  - Back-up on regular basis
  
- o **Licensing the practice with ionizing radiation sources**
  - legal person liabilities to ensure nuclear security of sources from damaging, stealing, illegal behavior and transfer
  
- o **Regular inspection**

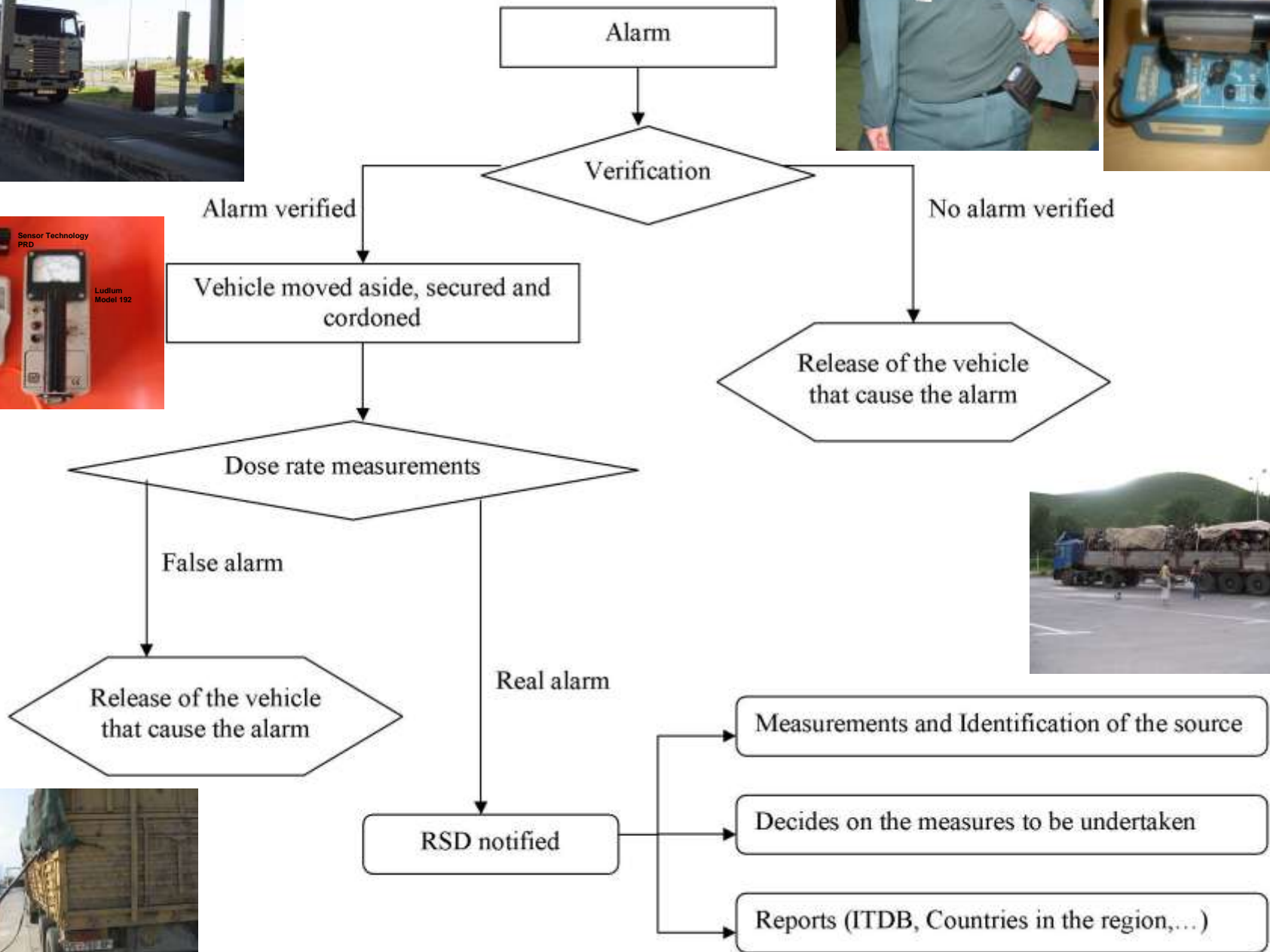
# Code of Conduct - National strategy for gaining or regaining control over orphan sources



Radiation Safety Directorate

- **Regulation on the means and measurement of public exposure, keeping records and submitting reports (O.G. No.126/2010),**
  - Article 9: in order to decrease the potential exposure, measurement shall be performed at all locations/objects with high probability of occurring dangerous source out of control
  - Installed portal border monitors at border crossings
  - Portal border monitoring at melting facility in Skopje





# Code of Conduct – Managing sources at the end of its useful lives, reuse and recycling



Radiation Safety Directorate

- **Regulation for the manner of handling, collecting, storing, conditioning, transport and disposal of radioactive waste (O.G. No.130/2010)**
  - Article 27: Disused radioactive sources imported in Macedonia shall be returned to the manufacturer or supplier
  - Article 29: During managing of radioactive waste reuse of recycling of material shall be taken into account
  - Interim storage of disused radioactive sources from past practices



# Code of Conduct – Defining domestic threat

---

- **National Plan on protection of the population in case of radiological emergency in the Republic of Macedonia (Law 48.02 and 135.07)**  
- in preparation
  
- **Regulation on the categorization of radiation and nuclear threats (O.G. No.162/2009);**
  - Metal scrap yards
  - Border crossings
  - Legal persons performing practice with radioactive sources and etc.

# Code of Conduct – Experience with the import and export



Radiation Safety Directorate

- **Regulation on the form and the content of the template of application for license, the form and the content of the license, as well as the procedure for issuing of the license, (O.G. No.157/2009)**
  - Contain the requirements for import and export
  - Apply to all 5 categories of radioactive sources
- **Draft Regulation (according the IAEA Transport Regulation) on the way of transport of radioactive and nuclear material – to be adopted by the end of 2010**

# Code of Conduct – Experience with the import and export



Radiation Safety Directorate

- **The electronic system** for application and issuing licenses for export, import and transit of goods (**EXIM**)
  - modern and helpful tool for simple application of a license for import, export and transit, as well as for fast issuing licenses
  
- EXIM operated by the Customs administration
  - 16 institutions including the RSD



# Joint Convention

---

- o **Ratified in September 2009**
- o **Entry into force - March 2010**
- o **Nominated national contact point - September 2010**
- o **RSD is competent authority for Joint Convention – according the Law on Ratification**
- o **National Report to be prepared for the following review meeting**

Thank You

