



World Institute for
Nuclear Security

Workshop on Security of Radioactive Sources Used in Industrial Radiography and Well-Logging Applications

Álvaro Acevedo
Project Manager

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The World Institute for Nuclear Security (WINS)

- A not-for-profit NGO based in Vienna, Austria
- Founded in December 2008 with funding from the US, Canadian and Norwegian Governments and NTI
- 13 professional staff - 60% women
- 11 Nationalities
- Annual Budget ~ 3M Euro
- Funded by Governments, Foundations and Industry

The WINS Vision

All nuclear and other radiological materials and facilities are effectively secured by demonstrably competent professionals applying best practice to achieve operational excellence.

WINS is highly focused on the practical and managerial implementation of nuclear security

WINS Membership



Data October 2019

How do WINS and the IAEA Nuclear Security Division Compare?

WINS	IAEA
3 Million/a, 13 Staff	30 Million/a ~100 Staff
Funded by States, Industry and Foundations	Funded by States
Focus on Practitioners – Licensees	Responds to requests from Member States
Publishes Best Practices identified by Practitioners	Publishes Consensus Guidance
Provides Certified Professional Development	Provides Awareness Training
Focuses exclusively on nuclear security management and regulation	Has a much broader role

WINS Programme



Sharing Operational Experience



Knowledge Centre



Training & Certification



Evaluation

100+

International
Best Practice
Workshops



35

International
Best Practice
Guides



40,000+

Downloads and
distributed
copies of Best
Practice Guides
and Special
Reports



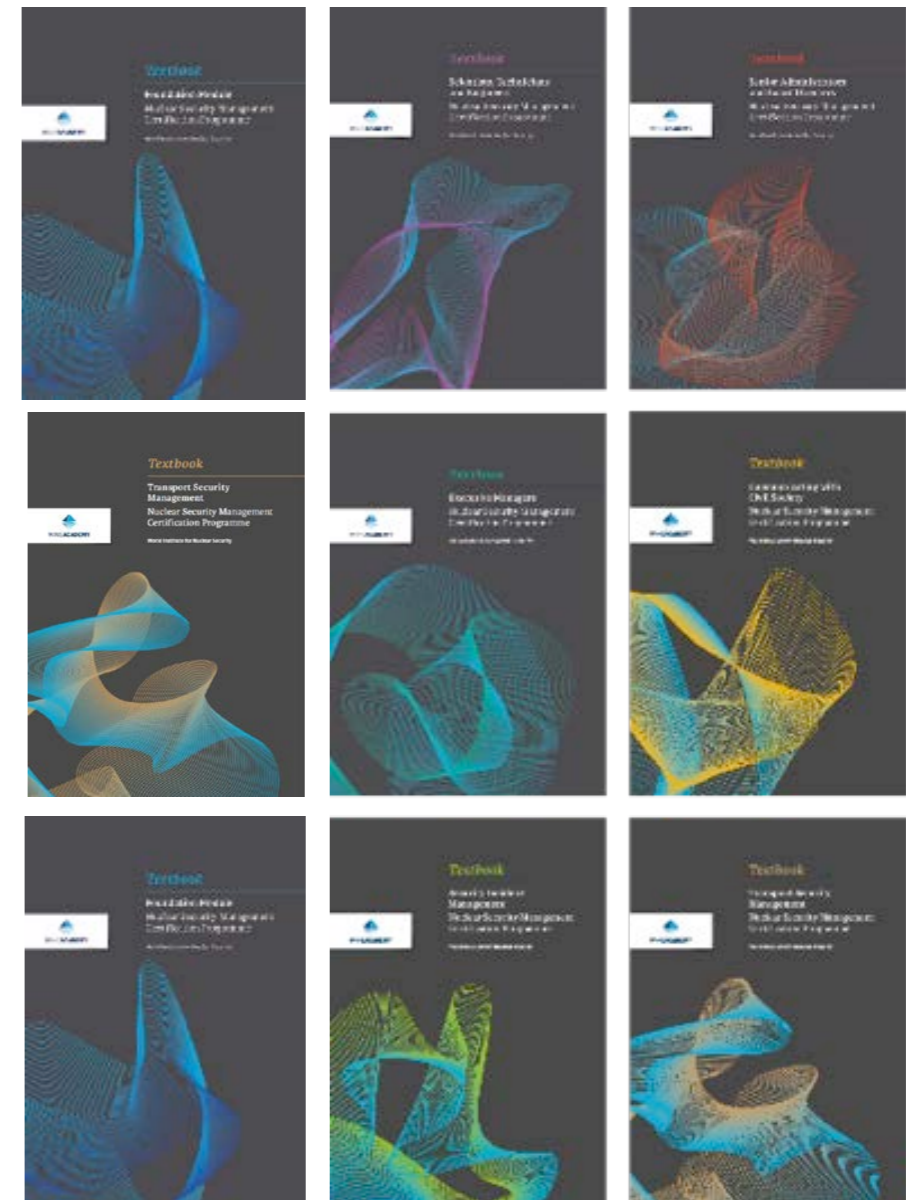
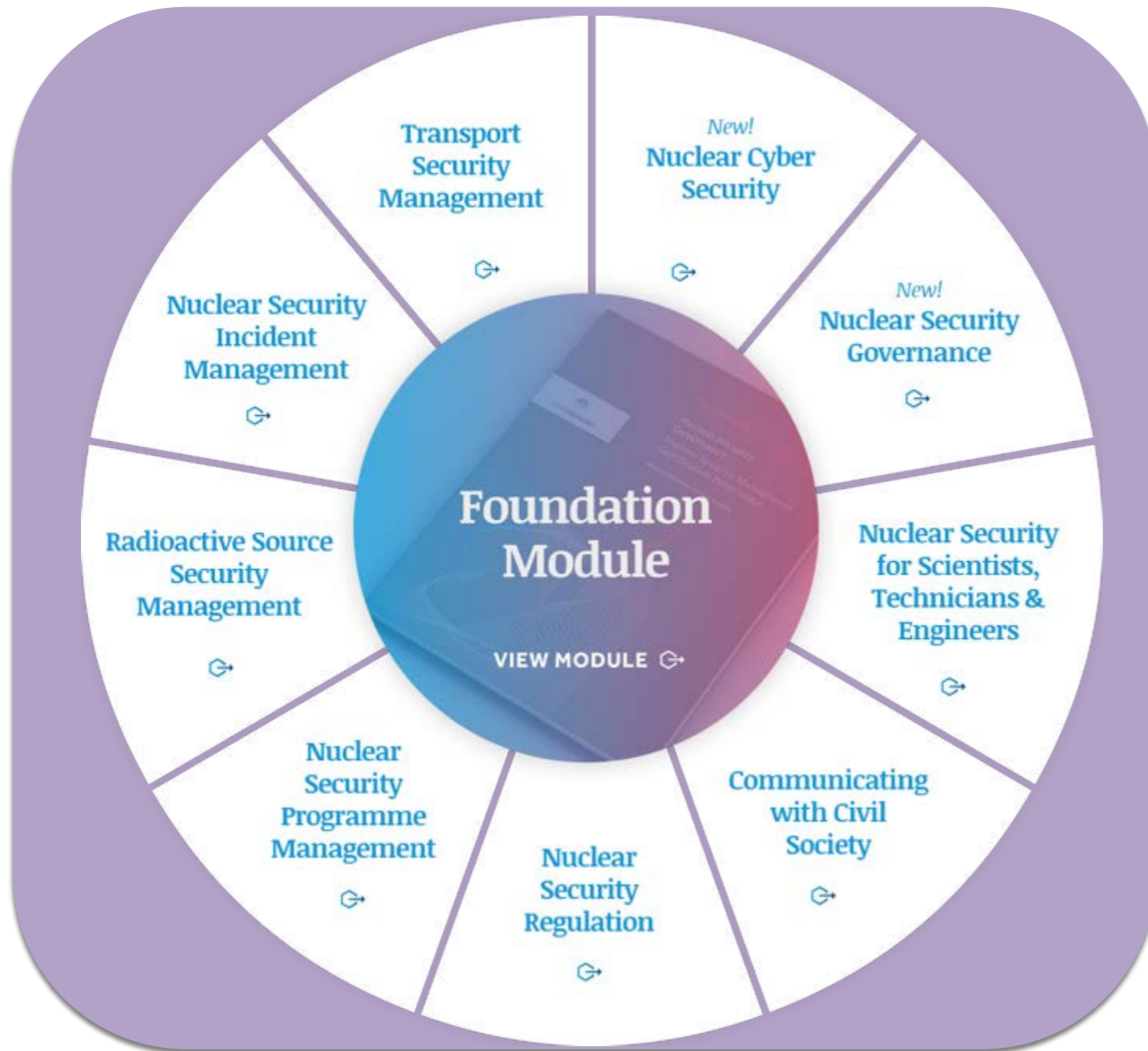
Launch of the WINS Academy 2014

OUR SERVICES

WINS Academy

The WINS Academy is the world's first international certification programme for nuclear security management. The programme is based on a core philosophy that views security as a fundamental aspect of risk management and corporate reputation.

WINS Academy



Academy Statistics

1500 Participants from **97** Countries

400 Certified Nuclear Security Professionals



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WINS Gender Champions Initiative

WINS Programme will focus on identifying and overcoming the barriers to women's greater participation in nuclear security: we need greater diversity to address the evolving threats: women make up less than 20% of the nuclear security profession



Success Criteria

- ❑ LEARN, SHARE, CONTRIBUTE
- ❑ MEET & NETWORK
- ❑ ENJOY YOUR TIME
- ❑ FOLLOW UP ACTIONS



Pre-event survey (1/2)

- ❑ 95% are familiar with IAEA recommendations and guidance for the management of radioactive sources
- ❑ 85% believe that security is addressed consistently at all stages of the life cycle in their organisation or country
- ❑ 70% think regulatory requirements effectively support the management of radioactive sources
- ❑ 25% think that there is no credible threat to the security of mobile industrial sources used by operators in their country

❑ 80% believe that radioactive sources used for industrial application are more vulnerable during transportation

Pre-event survey (2/2)

- ❑ Only 30% think that the cost/benefit to install and use systems to track and monitor mobile sources is financially defensible.
- ❑ 65% believe that systems that track and monitor mobile sources are vulnerable to adversary attack.
- ❑ 40% think that law enforcement is NOT prepared to respond to a security incident involving a lost or stolen radioactive source
- ❑ Only 50% think that in their country the response to a security incident involving a lost or stolen radioactive source would be well coordinated by all the stakeholders involved

Thank You for Your Attention.
Enjoy the Workshop!

Learn more at:
www.wins.org



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