World Institute for
Nuclear Security

Roundtable on the Role of Standards for Strengthening the Security of Radioactive Sources Used in Medical Applications
23-24 January 2019

Strengthening the Competencies of Individuals with Responsibility for the Security of Radioactive Sources: The Role of Certification

Rhonda Evans
Head of the WINS Academy

What is radioactive source security?

A **sustainable system** that:

- ➢ **ensures** that radioactive sources are securely protected during their entire life cycle
- ➢ **can prevent, detect and respond** to nuclear security events involving radioactive material

What is radioactive source security?

What supports the sustainability of radioactive source security?

IAEA Nuclear Security Series No 30-G Sustaining a Nuclear Security Regime includes *8 national* and *7 operational objectives* to support sustainable nuclear security and we will focus on one at each level:

➤ Developing human resources (National)
➤ Developing and maintaining nuclear security competencies (Operational)

World Institute for Nuclear Security

What is radioactive source security?

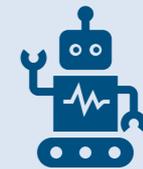## What supports the sustainability of radioactive source security?

What do we mean by Competence?

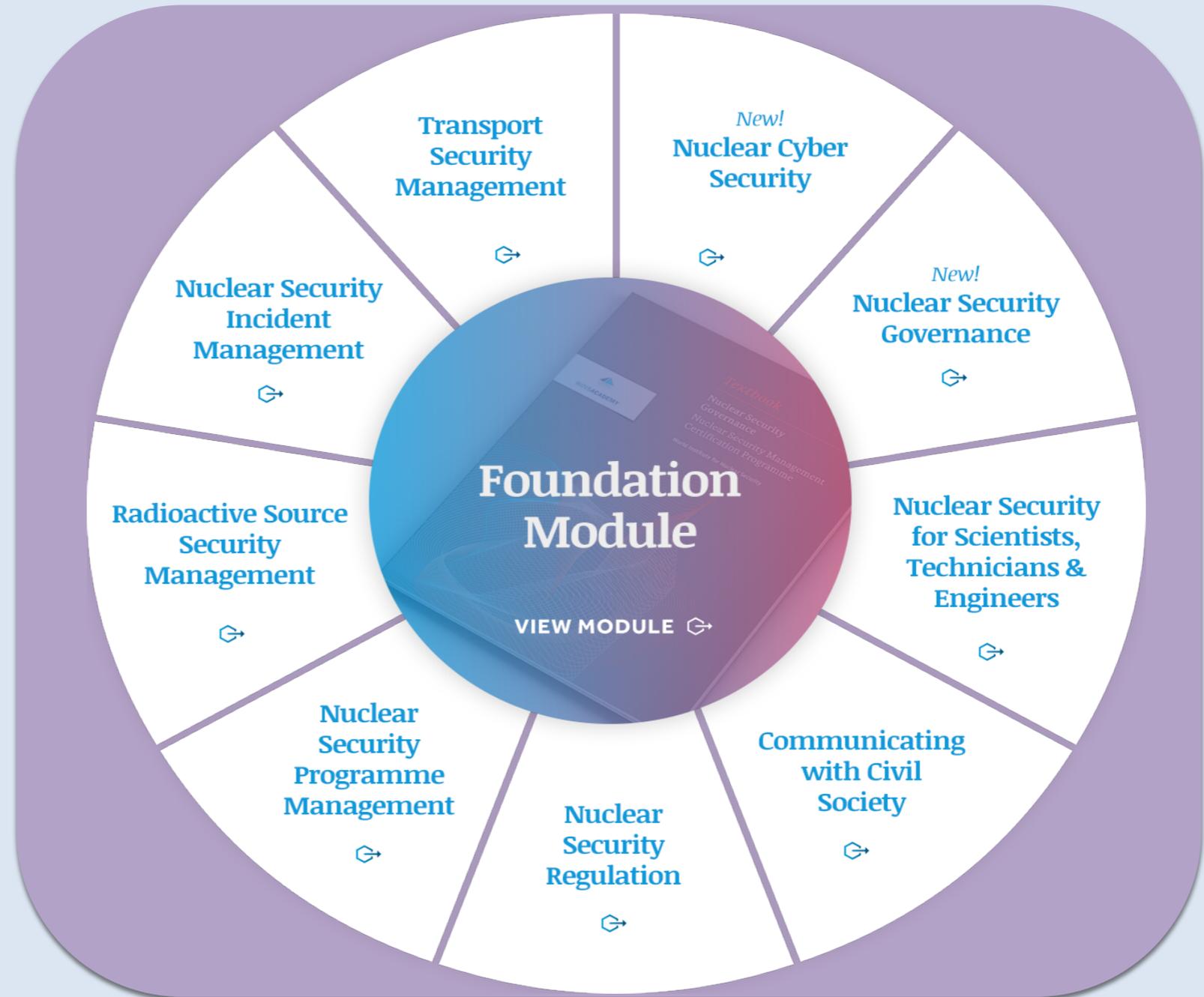## Why is it important to define competencies?

➢ **To meet** external regulatory requirements – whether explicit (SQEP) or implicit (plans and arrangements)

➢ **To meet** internal organization requirements

➢ **To attract** well qualified candidates for positions of importance

➢ **To demonstrate and maintain** public confidence

➢ Others?

Who could have a role in defining the required competencies?

Who could have a role in defining the required competencies?

How can 'certification' contribute to competence development and maintenance?

Transport Security Management

New! Nuclear Cyber Security

New! Nuclear Security Governance

Nuclear Security Incident Management

Nuclear Security for Scientists, Technicians & Engineers

Radioactive Source Security Management

Foundation Module

VIEW MODULE

Nuclear Security Programme Management

Nuclear Security Regulation

Communicating with Civil Society

World Institute for Nuclear Security

Who could have a role in defining the required competencies?

How can 'certification' contribute to competence development and maintenance?

➤ It can **measure achievement** of a learner against a defined curriculum

➤ It can **demonstrate an acceptable level** as defined by a particular industry or sector

➤ It could **provide evidence** to a regulator that an individual covered by the regulatory framework has **achieved a mandated level of competence** that contributes to the wider plans and arrangements the subject of the licence

➤ It can **provide evidence** to a regulator at the organizational level that there is a programme in place **to support effective security**

WINS | World Institute for Nuclear Security

Thank you!

Learn more at: **www.wins.org**

WINS | World Institute for Nuclear Security