

### 67<sup>th</sup> REGULAR SESSION OF THE IAEA GENERAL CONFERENCE SENIOR SAFETY AND SECURITY REGULATORS' MEETING September 28, 2023

# Leadership in nuclear and radiation regulation

Dr Gillian Hirth, CEO, Australian Radiation Protection and Nuclear Safety Agency, Australia

### **About ARPANSA**



ARPANSA is a **federal government statutory entity** that is part of the Australian Government's Department of Health and Aged Care Portfolio.

ARPANSA is the Australian Government's primary authority on radiation protection and nuclear safety.

We protect the Australian people and the environment from the harmful effects of radiation through understanding risks, best practice regulation, research, policy, services, partnerships and engaging with the community.



### **Regulation in Australia**





### **Emerging issues**



### Implementation of Australia's nuclearpowered submarine program

#### New radiation technologies and facilities

- Research and services to support safe use of new medical and other technologies that use radiation
- Decommissioning of old infrastructure



#### Regulatory interfaces and consistency

• Integrating a new operator/regulator and ensuring interfaces are well developed and understood, promoting consistency in radiation regulation

### **Emerging issues**



#### Growing sector and skills shortages

• Graduate development

Radioactive waste management

• Ensuring appropriate community engagement

#### Adapting how we work

Increasing flexibility, using technology and focusing on wellbeing

### Leadership in a changing nuclear landscape





### **Leadership values**





#### Authenticity

Transparency

Accountability

#### Inclusion



## Thank you!

