



## Possible Presentation Themes and Topics

The conference aims to highlight and discuss the full spectrum of sovereign and international academic and industrial collaboration and support required to successfully transition from an Australian submarine capability focused on the maintenance and evolution of the Collins Class submarines to a capability focused on the ability to manufacture, maintain and evolve an Australian nuclear-powered submarine capability.

The SIA seeks presentations from government, industrial and academic organisations and their representatives that address at least the following aspects of the conference theme:

### The Strategic/Policy case for Nuclear-Powered Submarines

- What value will nuclear-powered submarines provide for Australia and our contribution to the wider [AUKUS](#) alliance?
- How might Australian nuclear-powered submarines contribute to enhanced security in the Indo-Pacific Region?

### Nuclear-Power Regulation and Safety in Australia

- Current Australian nuclear legislation & regulation and relevant international treaties
- Nuclear waste in Australia – current situation and future options
- UK/US nuclear-powered submarine end-of-life disposal processes and experience.

### Australian Nuclear-Power Workforce

- Nuclear engineering and science education in Australia
- Current and required nuclear training/skillsets (govt, industry, academia)
- USN/RN SSN crewing – Current and required RAN submariner workforce.

### Nuclear-Powered Submarine Construction and Sustainment

- The knowledge and infrastructure required to construct submarines in Australia
- RN and USN firsthand experience
- Preparations required to get Australia ready to build and sustain new submarines