

# ESI Nuclear Governance Project

*A multidisciplinary research project of the Energy Studies Institute*

## Summary

The Energy Studies Institute (ESI) of NUS is undertaking a research project entitled “Nuclear Safety Governance: Best Practices, Lessons Learned and Future Prospects”. This two-year project began in January 2020. It builds on the previous project “Policy and Law for Nuclear Safety and Security”, which involved collaboration between ESI and NUS’s Centre for International Law and ended in June 2019.

Dr Philip Andrews-Speed, Senior Principal Fellow at ESI, is the principal investigator for the project.

## Context

Growing interest in the use of nuclear energy worldwide and particularly in Asia raises a number of safety and security concerns. Some of these concerns stem from an apparent lack of a unified global governance regime and from complexities due to multiple levels of governance in Asia.

At present, Singapore is seeking to gain further knowledge and expertise in order to play a part in strengthening nuclear governance globally and in the region.

This project focuses on a number of specific policy challenges that were identified in the previous project relating to the governance of nuclear safety.

## Specific research topics

The principal research topics for the project are as follows:

- Structuring of government agencies to govern nuclear safety effectively.
- Bilateral/multilateral engagement with newcomer neighbours and other nuclear-power countries.
- Options for regional cooperation on nuclear safety.
- The evolving global nuclear energy industry.
- Spent fuel, radioactive waste management & decommissioning.