Development of Shipyard Science and Technology (S&T)
A Place to Create Third Horizon Maritime Platforms

Synopsis
The National Shipbuilding Plan articulates a vision of Australia having a world leading naval shipbuilding industry.

The shipyard of the future will be based on many of the technologies that are central to characterising the fourth industrial revolution. These might include the use of digital twins, artificial intelligence and machine learning, through to logistics support for a modern shipyard. On behalf of the Department of Defence, DST is responsible for ensuring there is an R&D program to support the national shipbuilding program in this national endeavour.

Objective
This is a concept for discussion for shipyard innovation and S&T. It may be developed with Defence stakeholders, particularly those in the maritime space. Partnerships between industry and academia are crucial to achieve this vision of a world leading shipbuilding industry in Australia.

Advantages
- Developing a world leading shipyard industry to enhance Australian Defence capability
- Applying modern and emerging technologies to the shipyard industry
- Partnering with Defence on this innovative concept

Partnering Opportunities
DST is currently looking for interested stakeholders with whom to work in developing the concept of a world leading naval shipbuilding industry.