



NAVAL  
SHIPBUILDING  
COLLEGE

# Naval Shipbuilding College

*Inspiring careers with the naval shipbuilding industry*

## **Our Mission**

*Lead the creation and sustainment of the enterprise that identifies, attracts and skills multi-generational sovereign capability for naval shipbuilding.*

## **Our Vision**

*All stakeholders know that we have shipbuilding capability to meet the naval shipbuilding plan.*

*A fundamental & integrated element of Australia's national Naval Shipbuilding Enterprise.*

# NAVAL SHIPBUILDING CAREER OPPORTUNITIES

It is estimated 15,000 jobs will be created across Australia over the next 10 years as a result of the Naval Shipbuilding Enterprise.

This will create a sea change in Australia's employment landscape over the coming decades.

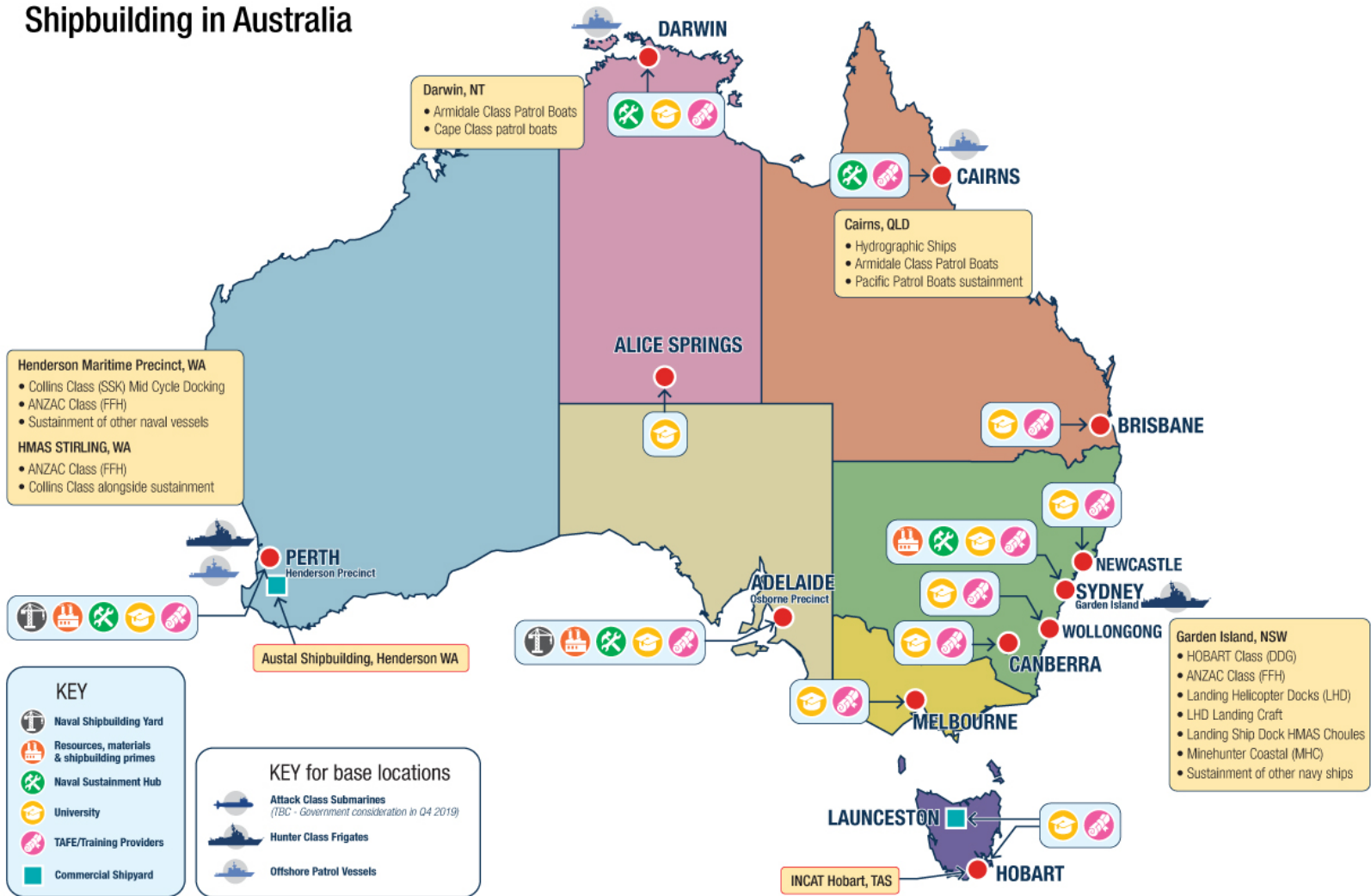
The Naval Shipbuilding College's mission is to ensure a suitably skilled and qualified Australian workforce will be available - at the right time - to meet the needs of industry.

# WHAT ARE THE JOBS?

Through collaboration with industry the College has identified a number of roles which will be recruiting priorities in the first five years of the Naval Shipbuilding Enterprise.

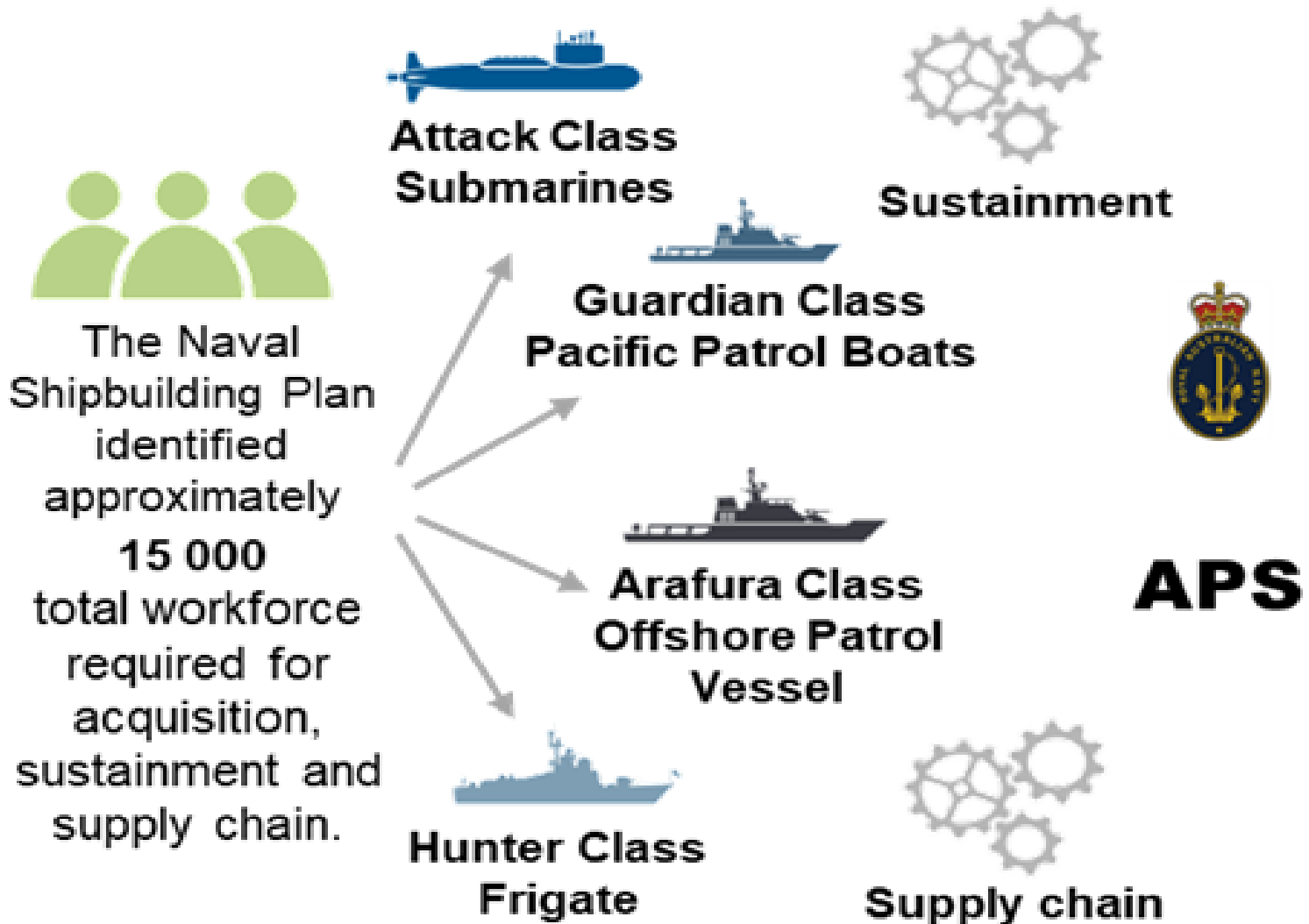
This includes a range of specifically skilled engineers, white collar professionals, trade qualified workers, white card labourers and unqualified workers.

# Shipbuilding in Australia



**A National Enterprise**

# NAVAL SHIPBUILDING OPPORTUNITIES



# HOW IS THE COLLEGE SUPPORTING LOCAL INDUSTRY?

## Engagement with SMEs

- Collaboration with ICN, Defence Advocates and Industry Associations
- Co-operation with state workforce development organisations
- The College will be a fierce advocate for the SME community
- “Naval Shipbuilding College National Roadshow” to every state and territory
- Providing direct connection to a talented and job-ready workforce

## Systems approach to data collection

- SME data input is critical to build a job ready talent pool

## Naval Shipbuilding College's Workforce Register:

- Your gateway to secure skilled talent when you're building scale and scope



# INGREDIENTS FOR SUCCESS

**Investing in own capability through the employment and training of apprentices.**

**Consider the implications of advanced technology within the new shipyards.**

- Model based design
- Digital twins
- Configuration management requirements

**Keep up-to-date with information on the acquisitions**

- Engage with ICN, Defence Advocates and Industry Associations
- Engage with Shipbuilding Primes

**Discuss skilling needs and concerns with the Naval Shipbuilding College**





# COLLEGE FINDINGS

College undertakes Needs Analyses looking at specific occupations required to build and sustain naval vessels.

In most areas good alignment between training and education programs though some area where industry led on-job training is utilised.

Identification of the need for conceptual skills:

- Ability to understand why tasks are completed to specification.
  - Design requirements
  - Following approved procedures
- Understanding of the contribution the worker is making to the overall build/sustainment project.

The importance of quality and precision

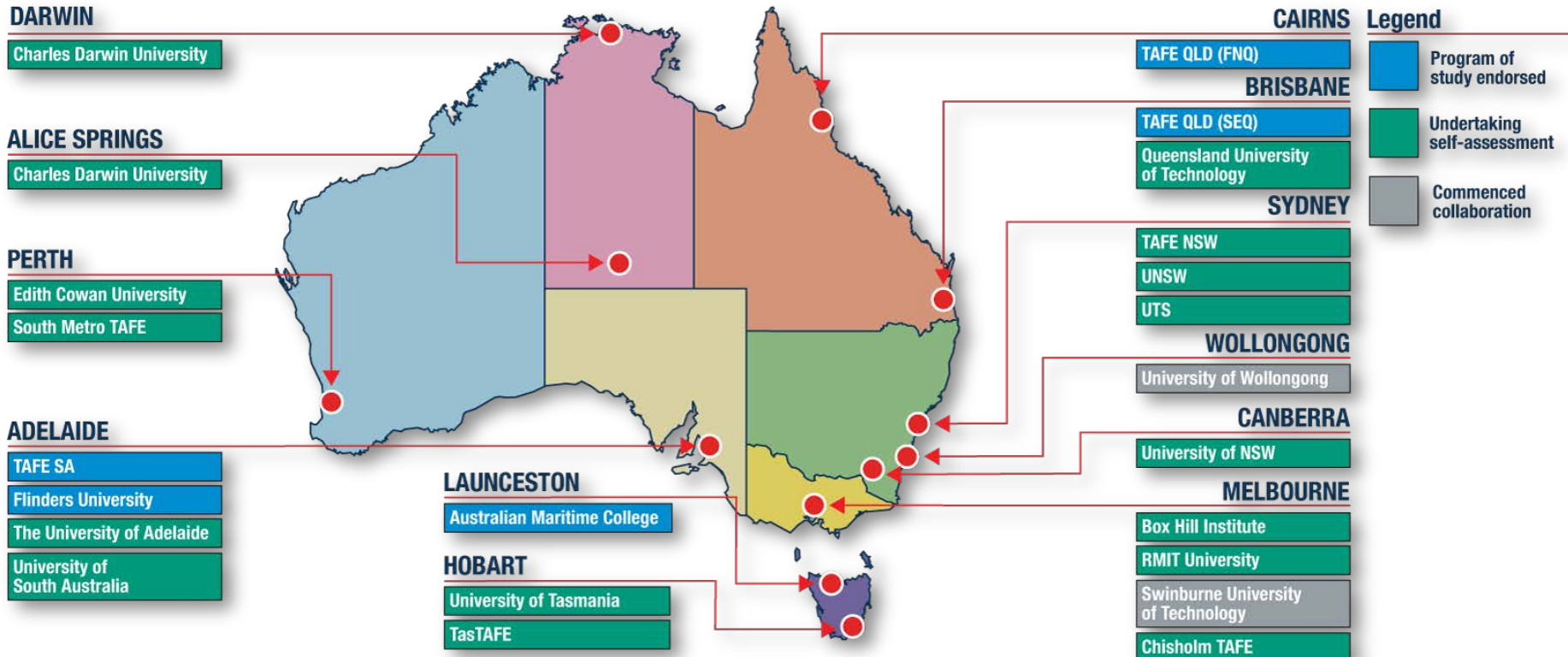
- Vessels are being built to travel into situations that most would be trying to avoid.
- Built for the safety of our naval personnel.
- Built to avoid detection and successfully complete operations.

# HOW WILL THE COLLEGE SKILL YOUR WORKFORCE?

Through consultation with industry the College is identifying what skilled workers will be required - and when - during the Naval Shipbuilding Enterprise.

By partnering with education and training providers across Australia the College is adapting existing courses to include industry-specific skills and training.

# Training & Education Provider Network





# PROMOTION OF THE INDUSTRY

## Involve yourself with outreach and engagement programs

- Strongest messages come from industry itself
- Engagement with influencers (parents, grandparents...)

## Spark Interest

- What are the exciting things you manufacture?
- What equipment and techniques do you use?
  - Advanced Technologies
  - Precision processes
- The art of the craft
- How do you fit into the bigger picture?

# PROMOTION OF THE INDUSTRY

**A lifetime of exciting opportunities within the industry**

**Encourage students to pick the educational pathway that suits their desires, goals and circumstances**

- VET pathways
- Higher Education pathways
- Likely to study VET and Higher Education throughout their careers



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Q & A

*[www.navalshipbuildingcollege.com.au](http://www.navalshipbuildingcollege.com.au)*