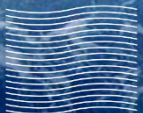




Navy Strategic Plans and Under Sea Warfare – CNE 22 May 2024

Commander Paul Hornsby OAM, RAN
Deputy Director – Capability Projects
Navy Strategic Plans & Preparedness

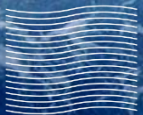


SERVICE
COURAGE
RESPECT
INTEGRITY
EXCELLENCE



Big island; small population

(bigger responsibilities...)



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National Defence Strategy (NDS) and Integrated Investment Program (IIP)

AN INTEGRATED, FOCUSED FORCE

National Defence means the Australian Defence Force (ADF) will shift to an integrated, focused force. To achieve this, the Government is investing \$330 billion in defence capabilities over the decade to 2033-34 to deliver:



A larger and more lethal **Navy**



An **Army** optimised for littoral operations



A highly capable **Air Force**



Strengthened **cyber** capabilities



Integrated **space** capabilities

STRATEGY OF DENIAL

The new cornerstone of Defence planning that is designed to deter a potential adversary from taking actions that would be inimical to Australia's interests and regional stability. The Strategy of Denial involves changing a potential adversary's belief that it could achieve its ambitions with military force at an acceptable cost.

The Strategy of Denial involves working with the US and key partners to ensure no country attempts to achieve its regional objectives through military action. By signalling a credible ability to hold potential adversary forces at risk, the strategy also seeks to deter attempts to coerce Australia through force.



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DELIVERING THE INTEGRATED, FOCUSED FORCE

The Government is investing \$330 billion¹ through to 2033-34 on capability investment priorities through the Integrated Investment Program for the integrated, focused force, including in:

 <p>Undersea warfare \$63-76 billion</p> <ul style="list-style-type: none"> ▶ conventionally-armed, nuclear-powered submarines ▶ subsea warfare and uncrewed maritime systems ▶ Ghost Shark autonomous vehicle ▶ underwater range systems 	 <p>Maritime capabilities for sea denial and localised sea control operations \$51-69 billion</p> <ul style="list-style-type: none"> ▶ Hunter class frigates ▶ general purpose frigates ▶ Hobart class air warfare destroyers ▶ large optionally crewed surface vessels
 <p>Targeting and long-range strike \$28-35 billion</p> <ul style="list-style-type: none"> ▶ sea-based strike ▶ land-based strike ▶ air-launched strike ▶ hypersonic weapons ▶ targeting enterprise 	 <p>Space and cyber \$27-36 billion</p> <ul style="list-style-type: none"> ▶ enhanced cyber capabilities ▶ satellite communications ▶ space sensors ▶ space control ▶ electronic warfare
 <p>Amphibious capable combined-arms land system \$36-44 billion</p> <ul style="list-style-type: none"> ▶ landing craft ▶ infantry fighting vehicles ▶ combat reconnaissance vehicles ▶ Apache helicopters ▶ Black Hawk helicopters ▶ M1A2 Abrams main battle tank 	 <p>Expeditionary air operations \$28-33 billion</p> <ul style="list-style-type: none"> ▶ C-130J Hercules ▶ F-35A Joint Strike Fighter ▶ EA-18G Growler ▶ uncrewed air systems ▶ air intelligence, surveillance and reconnaissance ▶ air-to-air weapons systems
 <p>Missile defence \$14-18 billion</p> <ul style="list-style-type: none"> ▶ airborne early warning and control replacement aircraft ▶ joint air battle management system ▶ active missile defence ▶ Jindalee Operational Radar Network ▶ E7-A Wedgetail 	 <p>Theatre logistics \$15-21 billion</p> <ul style="list-style-type: none"> ▶ theatre logistics upgrade ▶ improved fuel resilience ▶ deployable logistics ▶ improved health capabilities
 <p>Theatre command and control \$11-15 billion</p> <ul style="list-style-type: none"> ▶ land command systems ▶ maritime command systems ▶ air command systems ▶ air traffic management and control capability ▶ warfighting networks and strategic communications ▶ decision advantage and intelligence systems 	 <p>Guided weapons and explosive ordnance \$16-21 billion</p> <ul style="list-style-type: none"> ▶ development of a sovereign ability to produce, maintain, repair and overhaul selected weapons ▶ domestic manufacturing of Guided Multiple Launch Rocket System munitions from 2025
 <p>Enhanced and resilient northern bases \$14-18 billion</p> <ul style="list-style-type: none"> ▶ northern base infrastructure ▶ northern logistics network ▶ northern training area enhancements 	

If you can make it in Australia...

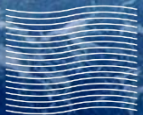
perception



reality



...you can make it anywhere!

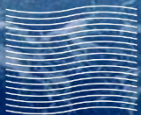


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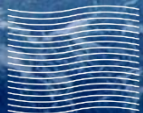
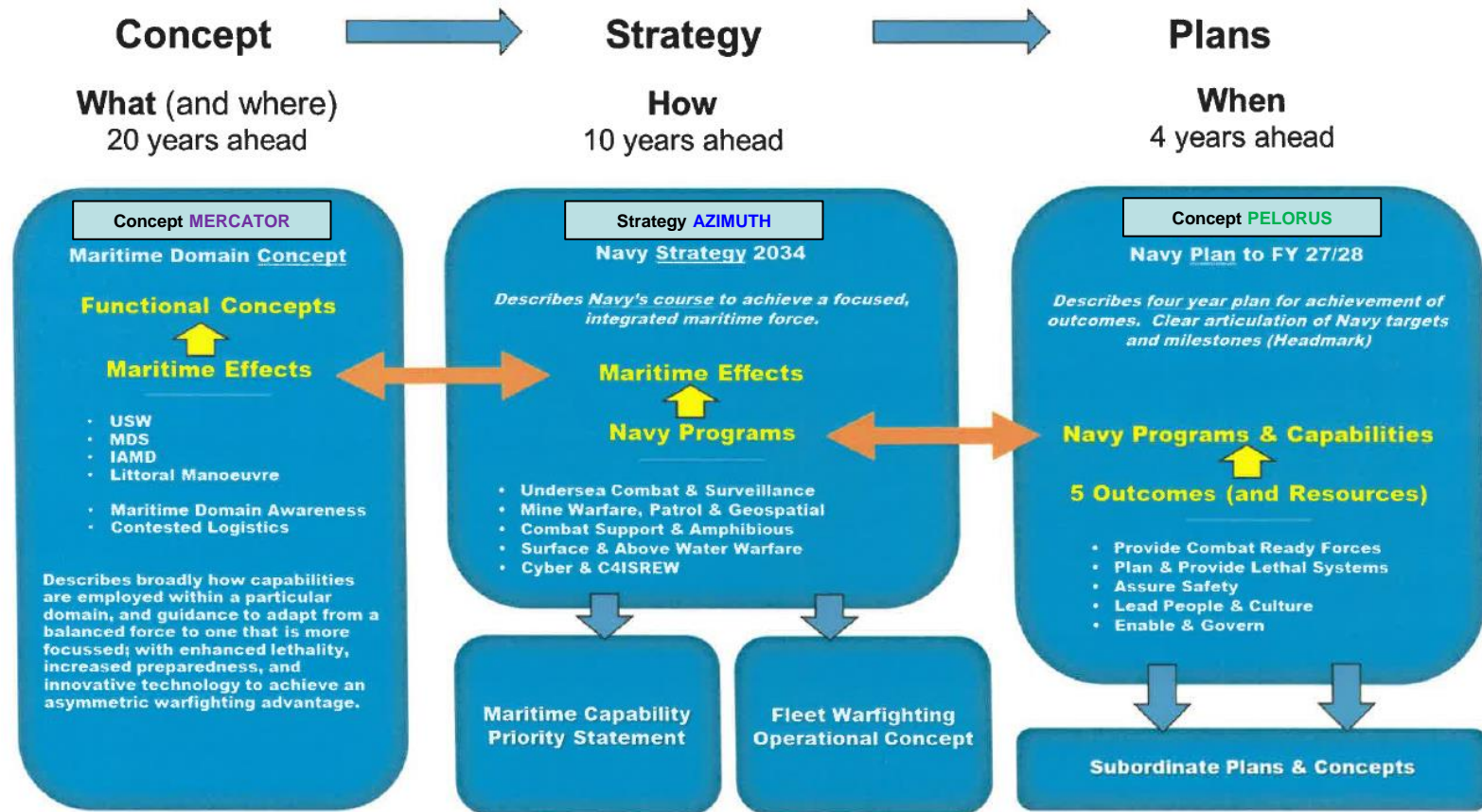
National Defence Strategy 2024



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Navy Planning Framework

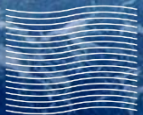


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Capability Project Development

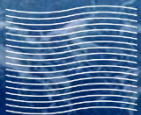
- **Directed (or Rules Based) Approach**
 - Optimised for Unique Capabilities such as Nuclear Submarines
- **Mainstream Approach**
 - Optimised for Capability Replacement & Incremental Improvement, Production at Scale
- **Disruptive Approach**
 - Optimised for Asymmetric Effects Levering Disruptive
 - Technologies



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Questions?



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