

ASCA

Advanced Strategic
Capabilities Accelerator



ASCA Mission 1 Co-Design and Delivery Market Briefing

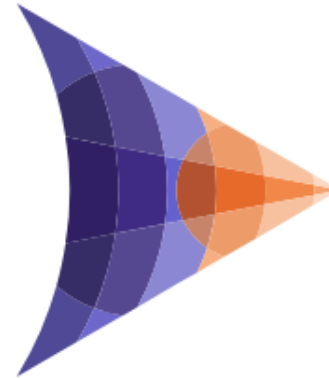
Supporting the Approach to Market

14th December 2023



ASCA

Advanced Strategic
Capabilities Accelerator



Defence acknowledges the Traditional Custodians of Country throughout Australia. Defence recognises their continuing connection to traditional lands and waters and would like to pay respect to their Elders both past and present. Defence would also like to pay respect to the Aboriginal and Torres Strait Islander peoples who have contributed to the defence of Australia in times of peace and war.

Agenda



01

Welcome & Housekeeping

02

Introduction to ASCA

- What is a Mission

Missions

- Problem Statements
- Mission Approach

03

Co-design

- Overview of co-design process

04

Procurement

- An overview of the procurement process
- Contract framework and conditions

05

Questions

06

Close

01

Introduction to ASCA

On 28 April, the Deputy Prime Minister, the Hon Richard Marles MP and the Minister for Defence Industry, the Hon Pat Conroy MP announced the establishment of the **Advanced Strategic Capabilities Accelerator**.

“The Defence Strategic Review makes clear that Australia must invest in the transition to new and innovative technologies for our Defence Force. This is precisely what the Advanced Strategic Capabilities Accelerator will deliver

Hon Richard Marles MP

“Innovation must translate into acquisition, and the Defence Accelerator will address the very real and urgent need to turn emerging technologies into game-changing capabilities. Linking technology development to speedy acquisition will also create many more jobs in the Australian defence industry.”

Hon Pat Conroy MP



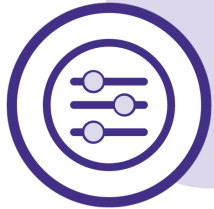
ASCA's purpose is to **accelerate delivery of capability** to our Australian Defence Force (ADF) through innovation, underpinned by a work ethic aligned with Defence values.



ASCA will take a mission-based approach to innovation to rapidly deliver capability into the hands of our ADF.



We approach problems with a different mindset. Along with industry and academia, we pull together some of the best minds in the country to align around a problem, collaborate to solve it and continuously adapt our approach through our learning culture. This adaptive way of working and problem solving is central to who we are.

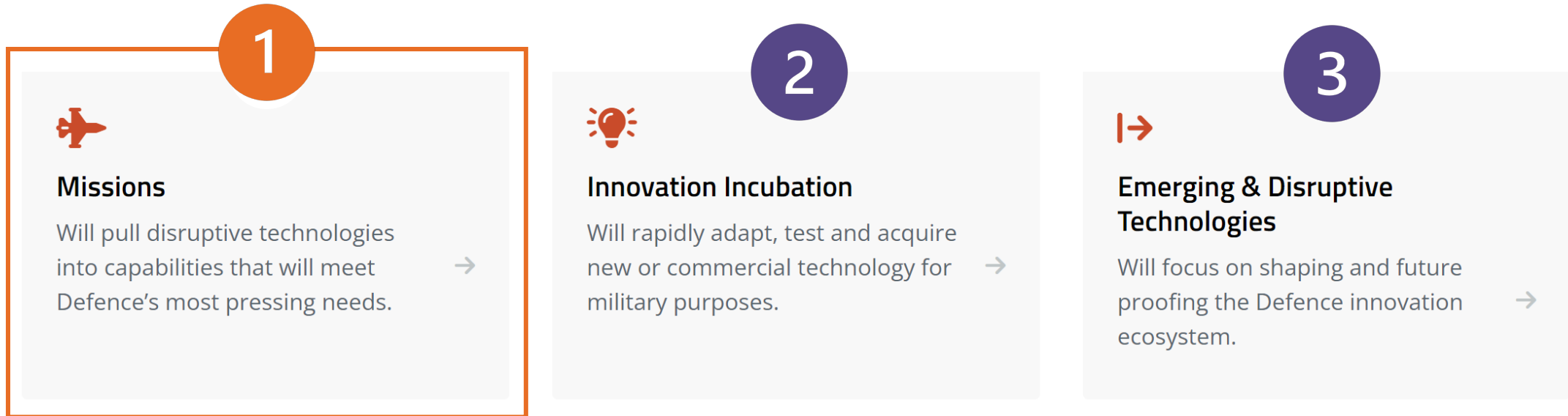


ASCA is enabled by three programs which support a comprehensive and connected delivery system that is explicitly linked to an acquisition pathway.

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The ASCA Programs

ASCA priorities will be delivered through three programs:

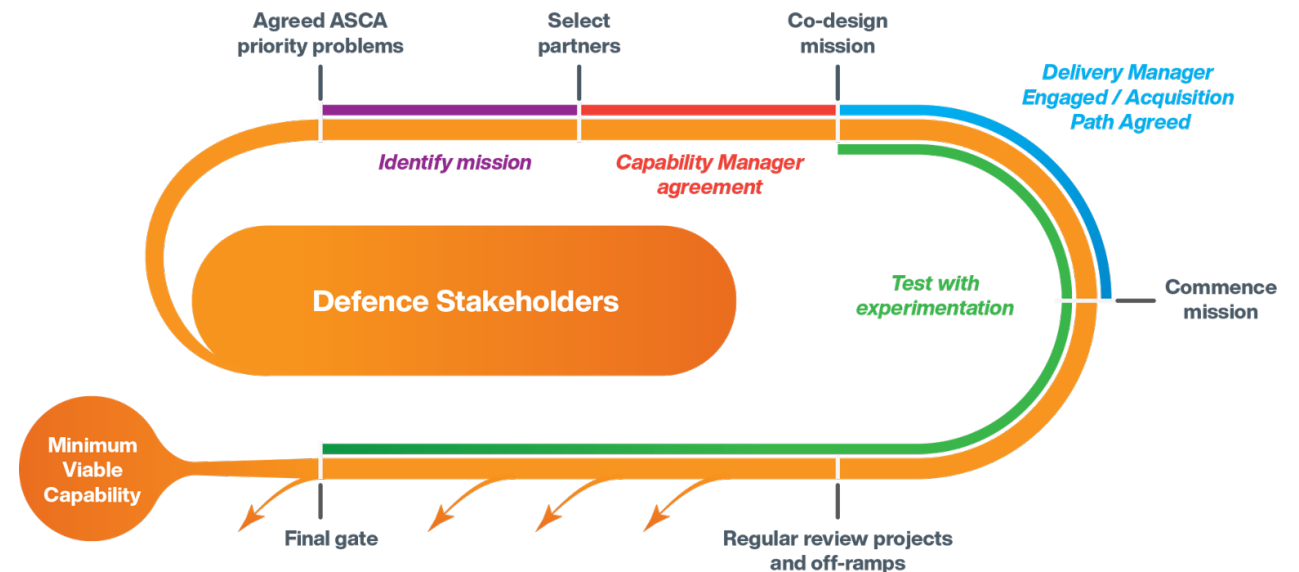


Today's briefing will focus on
ATM Mission Set 1

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ASCA Missions

- Missions are driven by **problem statements**, aligned to Defence priorities and approved by Vice Chief of Defence Force (VCDF).
- Mission **program leaders** will be fixed term appointments, drawn from across the ecosystem.
- Missions are typically **time-limited to 3 years**, with clear performance targets and off-ramps.
- Missions will not commence without an endorsed **pathway to acquisition**.



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02

ASCA Missions

Mission 1 Problem Statements

On 1 November 2023, ASCA released its first two Problem Statements aligned to Defence’s strategic priorities:



Problem Statement 1

How might we penetrate and degrade advanced integrated air defence systems so that Defence can conduct effective long-range strike operations, taking into account speed and scale required to operate in congested and contested environments that is faster than a potential adversary’s ability to react?



Problem Statement 2




How might we improve the processing and synthesis of large amounts of intelligence data to support the planning and apportionment of platforms, taking into account different classification levels of data, systems and allies data systems?

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Mission Leader



On the 8 December, ASCA commenced recruitment for the first Mission Leader – an innovative individual to lead an agile team, to deliver priority capability solutions for Defence.

- THE OPPORTUNITY**  Transform the way Defence delivers breakthrough solutions that provide the Australian Defence Force with an asymmetric advantage.
- THE ROLE**  LEAD A SMALL TEAM ♦ COLLABORATE WITH STAKEHOLDERS ♦ DELIVER OUTCOMES AT SPEED ♦ ENGAGE WITH CAPABILITY MANAGERS ♦ MANAGE RISK ♦ PERFORMANCE REPORTING ♦ SOLVE THE CAPABILITY CHALLENGE
- DETAILS**  <https://www.defence.gov.au/jobs-careers/defence-aps-jobs> ♦ www.seek.com.au

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Mission Approach

To deliver its first Mission, ASCA's will undertake two activities:



MISSION CO-DESIGN

(8-week period with optional 4-week extension)

Successful respondents will design and scope, in collaboration with Defence key stakeholders and other Participants, the delivery methodology and approach to execute and implement a solution to a Problem Statement.

An evaluation of the deliverables submitted in co-design will be undertaken and successful respondents may be invited to participate in Mission Delivery.



MISSION DELIVERY

(up to a three-year period)

Will consist of delivering a **Minimum Viable Capability** of the proposed innovation / technology solution in accordance with the Project Execution Plan delivered in co-design.



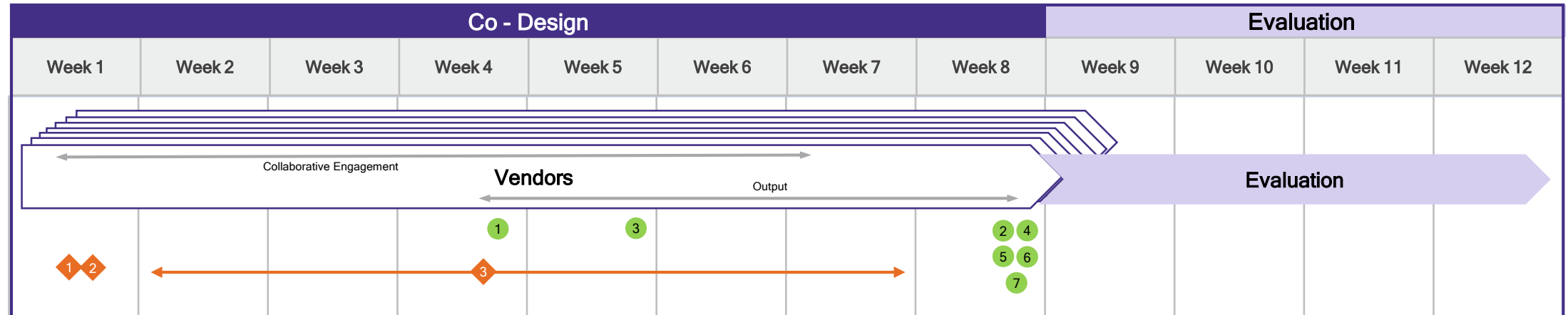
ASCA is expecting respondents to respond explicitly to **co-design ONLY**

03

Co-design

Overview of the Co-design Process

Co-design is an 8-week sprint to develop and refine a Project Execution Plan for Mission Delivery



Briefings and Workshops

- 1 Kick off Briefing Day 1 (Classified to Secret)
- 2 Kick off Briefing Day 2 (Classified to Secret)
- 3 Collaboration / Q&A Sessions

Key Deliverables

- 1 Intellectual Property Register and Management Plan - Draft
- 2 Intellectual Property Register and Management Plan - Final
- 3 System Description and Concept of Operations Document - Draft
- 4 System Description and Concept of Operations Document - Final
- 5 Project Execution Plan for Mission Delivery, including Work Breakdown Structure and Risk Assessment - Final
- 6 Detailed budget for Mission Delivery - Final
- 7 A proposed form of contract for Mission Delivery - Final

04

Procurement

Procurement Process – Co-design



An overview of the procurement process for how ASCA will secure Co-design participants



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Procurement Process – Mission Delivery



An overview of the procurement process for how ASCA propose to transition from Co-design to Mission Delivery



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Contract Framework and Conditions



The draft contract for co-design was released with the Request for Proposal on 30 November 2023.

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05

Questions



06

Close

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