



Australian Government
Department of Industry, Science,
Energy and Resources

Business
Cooperative Research
Centres Program

SMARTSAT
COOPERATIVE RESEARCH CENTRE



SASCCAR: Re-imagining Australia's Space & Spatial Industry for Growth

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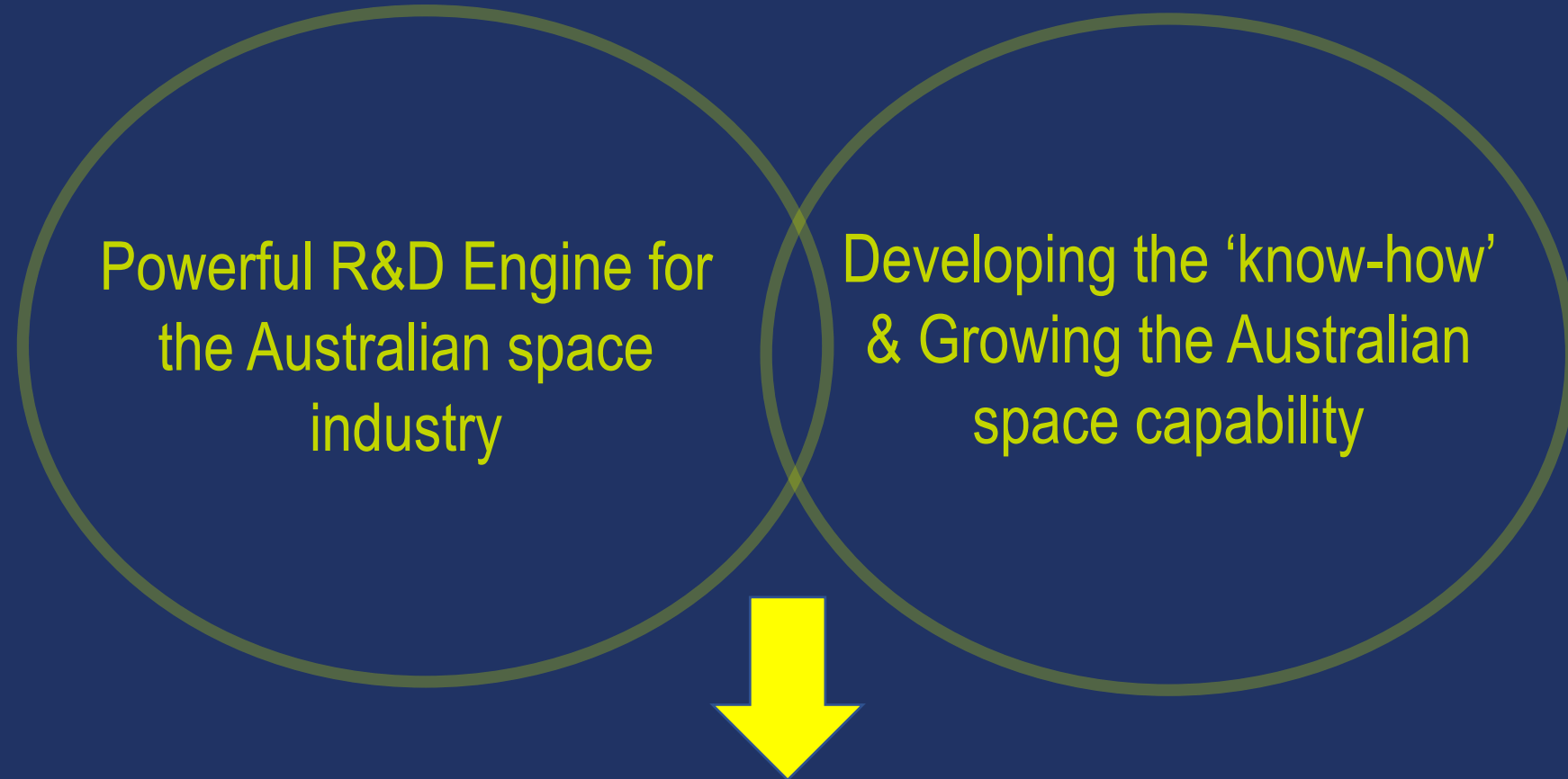


Who are we?

31 Industry Partners, 22 Research Partners, 55 space start-ups
\$245M total R&D commitment over 7 years



SmartSat's Role in the Space Ecosystem



Transforming our major Sectors through space technologies

'Mission-oriented' R & D Program

<u>Program 1</u>	<u>Program 2</u>	<u>Program 3</u>
Advanced Communications, Connectivity & IoT Technologies	Advanced Satellite Systems, Sensors & Intelligence	Next Generation Earth Observation (EO) Data Services
	<i>Artificial Intelligence</i>	
	<i>Cybersecurity & Resilience</i>	
	<i>Space Governance</i>	

SmartSat Research Missions

Grand Challenges, Big Opportunities

Water
Management

AquaWatch

*Helping Australia better
understand its water assets*



Disaster
Management

Disaster
Resilience
Technologies

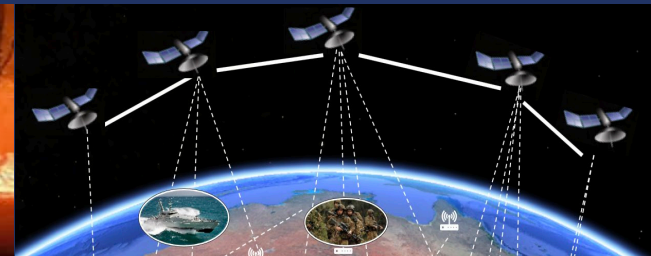
Providing better information
and situational awareness



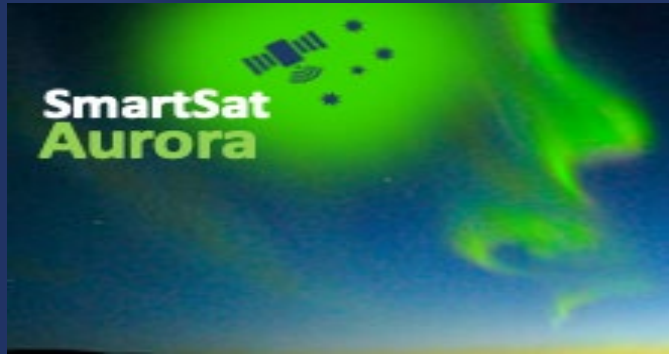
Defence &
National Security

Indo-Pacific
Interconnector

Defending & protecting Australia
through cutting edge space technology



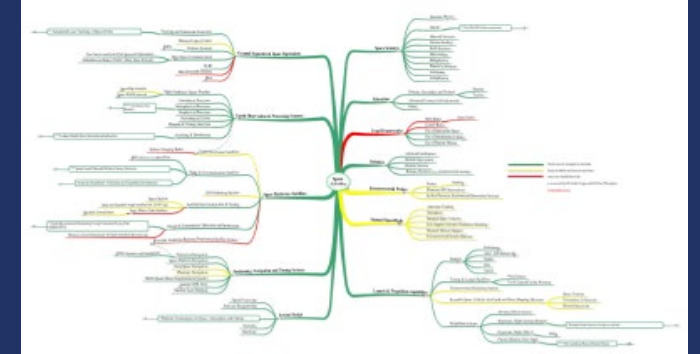
SmartSat Initiatives



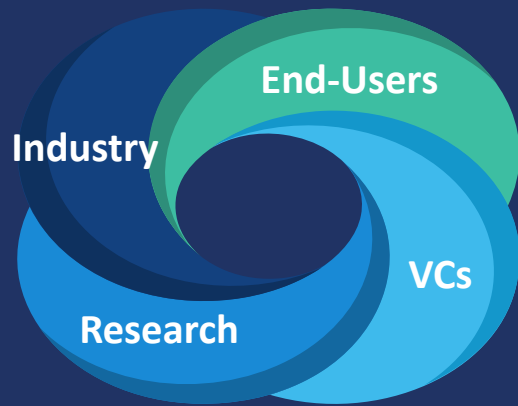
Space Start-up Cluster



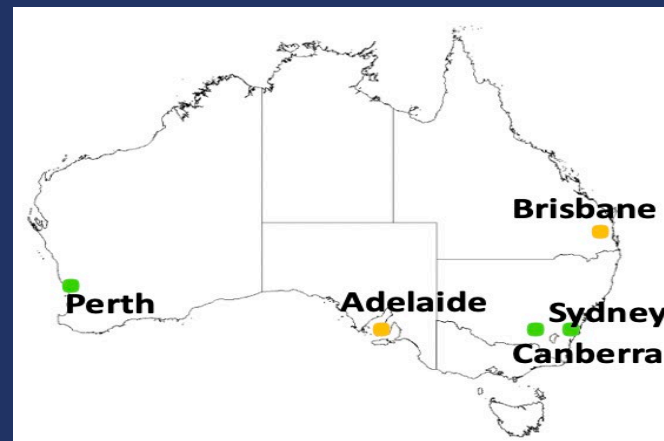
International Network of AI for Space Applications



Australia's 2030 Space industry Growth Roadmap



End-User Advisory Boards



SmartSat State Nodes



Tactical Research Funding

Opportunities for R&D Engagement

1. Funded Projects
2. Tactical Research Fund
3. Ideation Challenges
4. PhD scholarships (full & top-up)



CHALLENGE 01 / FIREFLY Rapidly conceive a payload for natural disaster preparation, response or recovery and demonstrate on a stratospheric balloon.



APPLICATIONS CLOSE
9AM AEST, MON 3 AUGUST

Closed

SmartSat PhD Program

- 72 PhD completions over 7 years
 - 21 x full scholarships (\$30K p.a x 3 years)
 - 51 x top-up scholarships (\$15K p.a x 3 years)
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- Opportunities for students to work within larger SmartSat research projects or apply for standalone projects that align with the SmartSat research program



HDR Priority Areas on our website. www.smartsatcrc.com

*User Informed * Industry Driven * Research Powered*

Thank you!

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