

4th South Australia Space Forum

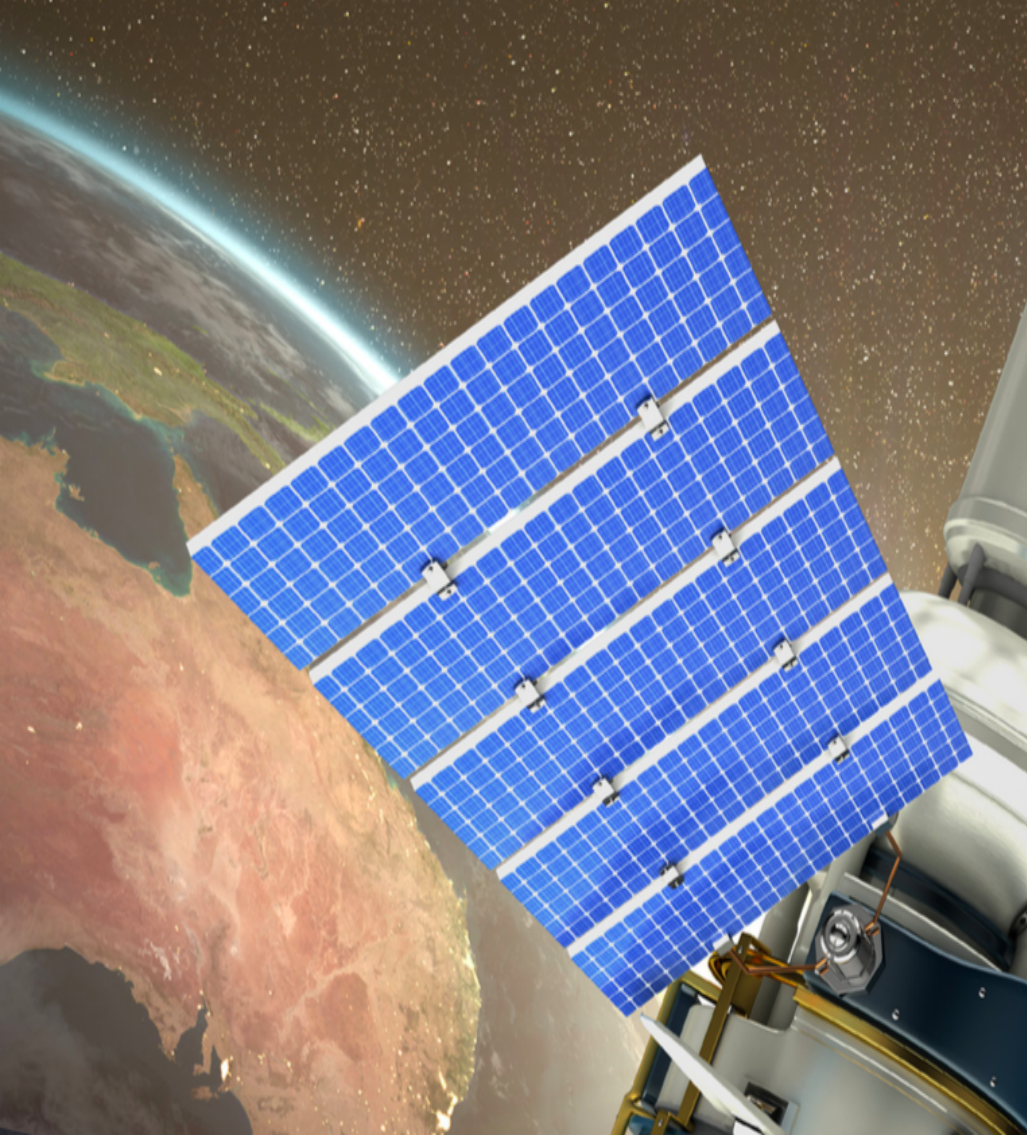
CRC Bid for Transformational Space Technologies

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Dean – Industry & Enterprise
University of South Australia

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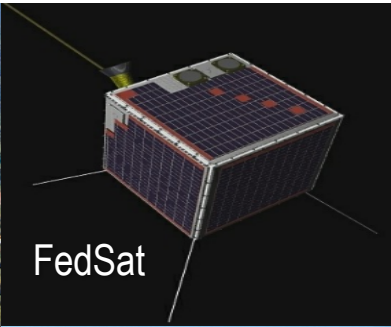
Director/Senior Weapons System Engineer
Nova Group



Presentation overview:

- What is a CRC?
- Why bid now?
- What are the emerging themes and opportunities?
- What are the benefits of participation?
- How do I participate?

Australia's role in space – *Not just.... “bare, fair and there”!*



What is the Cooperative Research Program?

For our Space industry to succeed...

“Science must be at its heart”

CRCs are partnerships between Industry and researchers to work together in complex areas that have strong economic potential



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More than 220 CRCs since 1990... More than \$15 billion

Why pursue a CRC in Space?

1. The Space Innovation ecosystem will need to solve 'novel' problems;
2. CRC is an existing funding scheme; and
3. Australia can find its 'niche' in which to excel and turn a 'cost' industry into an export opportunity in a growth sector

“An Australian ‘team’ Approach to Space”

Kate Lundy, ACT Defence Industry Advocate

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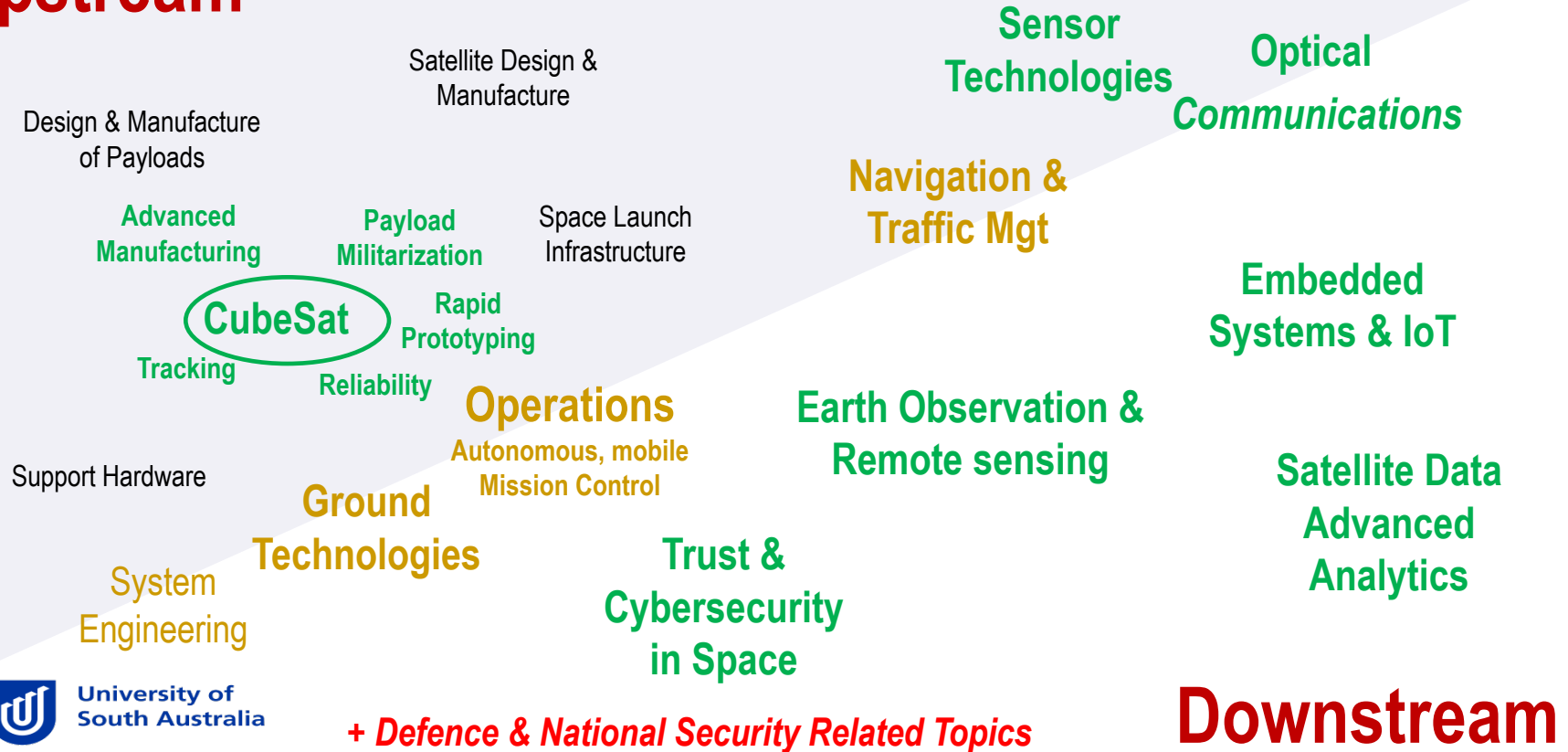
22 November 2017



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What are the Emerging Opportunities?

Upstream



Current discussions

Industry		Researchers	Other Organisations
Nova Systems; Airbus EOS Northrop Grumman BAE Myriota DST Group Boeing Saber Astronautics RDA Sydney Orbit Australia	Optus Thales Honeywell Fleet Inovor	UniSA ANU University of Sydney UNSW Curtin CSIRO/Data61	SA Government SIAA DefenceSA ISU UCL-MSSL CNES CSST

Our Bid Journey

**Nov/Dec
2017**

- Identify Research Topics
- Seek Partners
- Identify Capability
- Identify collaborations

**Jan-Mar
2018**

- Develop the R&D Program
- Appoint Board
- Finalise industry partner commitments
- SME Strategy
- Education & Training Strategy

**Apr/May
2018**

- Establish international Collaborations & Growth Centres
- Appoint Interim CEO
- Complete application

**June/July
2018**

- Finalisation of the application
- Impact Impact Tool Completion
- Submission



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Why Participate?

1. Contribute to the building Australia's capability in Space;
2. Shape research focus and priorities & identify new opportunities;
3. First to benefit from research outputs far beyond what can be achieved alone;
4. Scale & duration; Leverage your investment **> x10**
5. Access to the multitude of university partners through a single entity;
6. Opportunity to collaborate with domestic and international partners;
7. Organisational positioning as innovative and engaged with development of best practice solutions; and
8. Training of future leaders, develop Australia's Space technological capability & workforce through industry-embedded PhDs & other educational programs.



"Partnerships will be the key to success"

*Sarah Pearce, CSIRO
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Let's Shape the Future of Space Together!

Thank you!

Key contacts

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