



RMIT SASCCAR

Building Australian Space & Spatial Capability

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Defence & Civilian



AEROSPACE



SPACE



**GROUND
TRANSPORTATION**



DEFENCE



SECURITY

TRUSTED PARTNER FOR A SAFER WORLD

Australian Space Industry Strategic Context



Large existing global players

- Experienced in leading or participating in major programs.
- Well defined management and engineering processes.
- Strong focus on risk identification and management.
- Reflected in cost & time frame of solutions.
- Systems & equipment focused.



Emergent new players

- Proliferation of highly motivated start-ups and SMEs.
- Applying new and innovative business models
- Frequently service orientated.
- Less mature management and engineering processes.
- Willing to take on significant risk.

Comparison of AU & EU Research Project Environment



Team

Generally one main industry leader, with preferential rights to commercialisation of IP.

Typically a large number of participants, with many (potentially competing) industry stakeholders.

Risk

Proposed scope not always challenged with sufficient technical rigour to assess risk.

Generally well informed technical risk assessment from experienced industry and research participants.

Agility

Enthusiasm for an agile approach, to progress quickly to demonstration of tangible capability.

Can be difficult to coordinate the many participants, and often slow to achieve tangible results.

Funding

Only researchers are eligible to receive funding. Industry is generally a net contributor (Cash & In-kind).

Both researchers and industry can receive funding.

Thales approach to the way ahead

Opportunity:

- Complementary collaboration
- Blending the cultural and business contexts

THALES

Participate in Australian Research activities:

- SmartSat CRC (2 x Projects)
- University collaborations
- Strategic studies supporting major prospects

With close involvement of TAS.

ThalesAlenia
a Thales / Leonardo company **Space**

Seek major commercial opportunities:

- Satellite Based Augmentation System (SBAS)
- Military & Civilian Satellite Communications

Leveraging product & technology base.
Supported by local Universities and SMEs.



Build true sovereign capability:

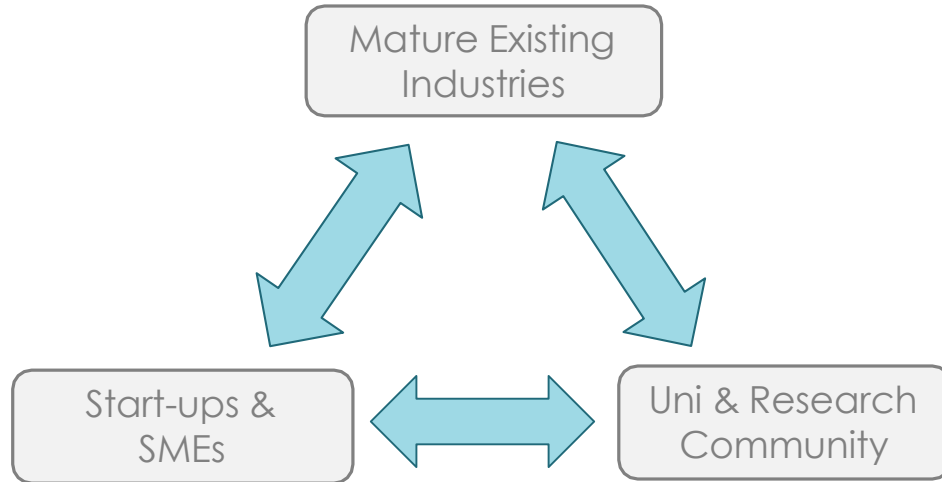
- To Support, Operate and Maintain
- To Evolve and Design completely new solutions

Demonstrated examples
Thales Underwater Systems, Sydney.
Thales Air Mobility Systems, Melbourne.

OPEN

Getting the Ecosystem right

Seek mechanisms to encourage and facilitate collaboration



OPEN

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