

The Honourable Members State Development, Natural Resources and Agricultural Industry Development Committee Queensland Parliament

Honorable Members:

In response to the Committee's request for public comment on the ongoing "Inquiry into job creation opportunities in Queensland arising from the establishment of an Australian space industry", Australia Space Launch Pty Ltd (ASL) provides the following summary information from an economic impact study commissions by ASL in early 2018, entitled "2030 Space Launch Economic Growth Potential in Australia by Region". The study was conducted by AETRIEM Labs in Canberra for the purpose of providing guidance and advise to ASL on the potential locations for an ASL launch facility. The information provided here is an excerpt from the central coast region of Queensland in that study.

The following caveats are made with this information:

- (1) Information is provided freely with no guarantee or warranty;
- (2) Projections are made as indicative of and in relation to other comparable space launch facility development, operations and support in similar geographies and populations, namely the Florida "Space Coast" in the USA;
- (3) Employment projections are based on corresponding direct and indirect employment calculations experienced in and reflected in the "Space Coast" workforce metrics from 2010 (prior to acceleration of the New Space Economy)--numbers today in the New Space Economy would likely be higher;
- (4) Salary projections are based on 2016 Queensland average incomes for skilled and unskilled workers with accelerations based on inflation and typical wage increases through the period; and,
- (5) Revenue (gross sales) projections are based on ASL projected income forecasts of the ASL business and operating model for full-scale space launch facility operations in a commercially feasible location along the Queensland coast.

Despite the Federal Government's insistence that launch facilities are not important components of a vital, growing, globally competitive Space Industry, the experience of both growth, decline and now new growth in the US-based Space Industry is directly attributed to operational and active space launch facilities. The ASL Commercial Smart Space Launch model has the potential to see the same growth pattern, boosting the local, regional, state and federal economies.

ASL is actively pursuing the space launch facility development and operations in Queensland and Western Australia. We welcome any and all inquiries.

With best regards,

Richard Allen Founder & Managing Director Australia Space Launch Pty Ltd

Submission No. 015

Inquiry into Australian space industry 2018



www.spacelaunch.com.au

Space Technology Partners and Service Providers		4		
Service Providers	Australia Space Launch	5	Local – Regional – State Industries	
Service Providers	Business Activities		Construction	DOWNSTREAM
	Non-Launch LV & SV Testing	14	- Infrastructure	DIRECT and
Rocket Launchers	PreLaunch Prep Activities		- Industrial/Commercial	INDIRECT IMPACT
Satellite Operators	Launch Operations & Assurance	ce	- Residential	Increased Demand
Spacecraft Operators	Data/Telemetry Gathering		Iransportation	for 500-1000add'l
Material Developers	Range Monitoring & Control	_	- Local, Regional	Incal & Regional
Technology Designers	PostLaunch Recovery	1	- Railways, Seaways, Roadways	Highly Skilled &
Manufacturers	Systems Engineering		Materials and Commodities	Services /Technical
Educators	Launch Infrastructure Maint		 Commodities (Retail, Food, Fuels) 	Employage
Researchers	ASL Space Technology		 Raw Materials for Manufacturing 	rupicycc3
ICT Professionals	Manufacturing RDTE		 Industrial & Construction Materials 	Avg Salan.
All Types of Engineers	Partnerships		Education	A\$85K/vear
Legal Professionals	ASI Sanco STEM Education		- Primary Space-STEM programs	in the set
Project Managers	The space of EN Education,		 Secondary Space-STEM programs 	INDACT
	Iraining and Irades		 Tertiary Space-STEM support 	
UPSTREAM DIRECT IMPACT	Partnerships		 Space STEM Research 	A585M/year
150-300 High Skill Employees	ASL Space Tourism &		IT and Telecomm Services	
And Colonia A C1EAN (1000	Recreation Partnerships		 High Bandwidth 	blus
ANE SAIRIY. HATSON/ YEAR		1	 Leading Convergence 	Downstream
IMPACT.	ASL ORGANIC DIRECT IMPACT		Hos pitality Services	Sales
A SAFM /vear	50-150 High Skill Employees		 Lodging and Dining 	
inst linichter	Ave Salary: A\$150K/vear		- Conferences	
	mal franches i finne Bass		Tourism & Recreation	
	IMPACT		 ASL Facility Tours & Launch Viewing 	
	A\$22.5M/year		 Space Adventures & Camps 	
	plus		- Future Space Travel	
	A\$500M/vear in Sales			Page 1

ECONOMIC IMPACT STUDY - LOOKING TO 2030

Submission No. 015

Page No. 3