

Media Release

AUSTRALIAN MANUFACTURERS REDUCE LIVESTOCK EMISSIONS AND DEVELOP A BED THAT WATCHES YOU SLEEP

- ***Australian manufacturers set about to improve lives and the environment through AMGC managed \$30 million Commercialisation Fund***
- ***World-leading ideas headline the latest round of co-funded investments and includes projects to reduce methane emissions, manufacture a zero-emissions motorbike, enable cloud connected farming and commercialise sensor-enabled mattresses***
- ***31 Australian manufacturers have matched Federal co-investment ~2:1, with \$49.8 million devoted to manufacturing to date***

Australia's manufacturing industry continues to step up to innovate, invest, and grow local opportunities with global potential with the announcement of the latest round of co-invested projects through the Advanced Manufacturing Growth Centre's Commercialisation Fund.

Administered in consultation with all Industry Growth Centres, the 4th and 5th tranche of funding from the Federal Government's Modern Manufacturing Initiative has been awarded to 10 Australian manufacturers.

With just over half of the \$30 million Commercialisation Fund now allocated to 31 projects, AMGC can reveal that industry contribution has exceeded minimum matched co-investment to almost double the Federal Government's commitment. Combined, the 31 successful projects will see \$49.8 million invested into the crucial, job-generating industry, with \$33 million coming from the industry itself.

Addressing many of the six National Manufacturing Priorities, the successful round four and five recipients include:

- **Sea Forest Ltd (TAS) – Food and Beverage** - Develop and manufacture a novel method to deliver oil-based Asparagopsis seaweed as an additive to feed solutions for milk, beef, and wool livestock to radically reduce digestive-related methane emissions. **Total project commitment \$3.24million (\$675,000 from Commercialisation Fund)**
- **MolyCop (NSW) – Recycling** – Develop and scale recycling rubber from tyres, conveyor belts and boots, for use as hydrogen and carbon inputs for the manufacturing of green steel. **Total project commitment \$2.4million (\$750,000 from Commercialisation Fund)**
- **Sleeptite (VIC) – Medical** – Commercialisation of the revolutionary REMi® system which embeds stretchable, soft sensors into a medical-grade mattress protector for the aged care sector. REMi® will assist the aged care workforce with fall prevention, pressure sore management and night-time monitoring by collecting data in a non-invasive and unobtrusive way. **Total project commitment \$1.95million (\$872,004 from Commercialisation Fund)**
- **Nexxis (WA) – Resources Technology & Critical Minerals Processing** - Nexxis, in partnership with CSIRO's Data61, will commercialise Magneto, its multi-limbed, climbing asset inspections robot. Used where access is difficult or hazardous, Magneto is capable of complex, confined space entry and inspection across onshore and offshore oil rigs, subsea installations, mining operations, infrastructure and defence projects. **Total project commitment \$1.86million (\$675,002 from Commercialisation Fund)**

- **mDetect (VIC) – Resources Technology & Critical Minerals Processing** – Development of a scalable manufacturing process for Muon Devices to provide early warning system for monitoring tailings dams in mining. **Total project commitment \$1.47million (\$248,191 from Commercialisation Fund)**
- **Savic (VIC) – Clean Energy** – Design, development and production of the first Australian-manufactured, high-performance, roadworthy, battery-electric motorcycle. **Total project commitment \$1.14million (\$657,482 from Commercialisation Fund)**
- **Samsara (NSW) – Recycling** - In partnership with Australian National University (ANU), Woolworths, and Main Sequence Ventures, Samsara will establish a pilot plant using a novel plastics recycling facility and process using revolutionary enzyme technology. **Total project commitment \$1.14million (\$568,491 from Commercialisation Fund)**
- **Ellen Medical Devices (NSW) – Medical Products** - Manufacture and validation of inexpensive portable peritoneal dialysis system for developing countries where a significant need for affordable home-based dialysis is urgently required. **Total project commitment \$1.04million (\$427,500 from Commercialisation Fund)**
- **Zetifi (NSW) – Food and Beverage** – Commercialisation of a high-availability wireless network gateway for regional and remote businesses. **Total project commitment \$812,000 (\$396,000 from Commercialisation Fund)**
- **Kinaltek (NSW) - Resources Technology & Critical Minerals Processing** – Prove and scale-up proprietary technology for the production of metal alloy powders based on 27 different elements used in additive manufacturing. The success of the project will enable the commencement of local manufacturing and export operations for metallic alloy powders. **Total project commitment \$1.19million (\$500,000 from Commercialisation Fund)**

These 10 co-invested projects represent a total investment of \$16.2 million, with 60 per cent of total funds (\$10.1 million) contributed by the manufacturing industry and the remainder (\$6.1 million) from AMGC's \$30 million Commercialisation Fund.

Managing Director for AMGC, Dr Jens Goennemann said, “we have been impressed by the depth and breadth of manufacturing proposals received to date. These projects represent the capability of Australian manufacturers to make complex things – from feed products that reduce methane emissions in livestock, to portable dialysis machines for emerging economies. Australian manufacturers are exceedingly innovative and competitive when given the right support.”

“The latest round of investment via the Commercialisation Fund brings the total number of projects supported to 31. Each of these projects will generate significant opportunities, injecting close to \$50 million into local operations to commercialise, scale and take Australian products global,” said Dr Goennemann.

For more information and to apply for a grant go to <https://www.amgc.org.au/projects/>

ENDS

About Advanced Manufacturing Growth Centre (AMGC)

The Advanced Manufacturing Growth Centre (AMGC) is an industry-led, not-for-profit organisation established through the Australian Government's Industry Growth Centres Initiative. AMGC's vision is to transform Australian manufacturing to become an internationally competitive, dynamic and thriving industry with advanced capabilities and skills at its core.

Through the delivery of its world-leading research, Manufacturing Academy, workshops, and ground-breaking projects, AMGC aims to develop a highly skilled and resilient local manufacturing industry that delivers high-value products – via the integration of innovative technology – to domestic and international markets.

<http://www.amgc.org.au>

About AMGC's Commercialisation Fund

Commercialisation Fund grants will be between \$100,000 and \$1 million and must be matched by industry. Consistent with all programs under the Modern Manufacturing Strategy, this fund will support projects within the www.amgc.org.au

ABN: 36 607 316 441

Government's six National Manufacturing Priorities. These priorities are: Medical Products, Food and Beverage, Resources Technology and Critical Minerals Processing, Recycling and Clean Energy, Defence, and Space.

Projects must include collaboration with a research partner and a minimum of one industry partner. The fund will run over an 18-month period and will be managed and administered by AMGC. For more information and to apply for a grant go to <https://www.amgc.org.au/projects/>

Industry Growth Centres

The Industry Growth Centres Initiative is an industry-led approach driving innovation, productivity and competitiveness by focusing on areas of competitive strength and strategic priority. This will help Australia transition into smart, high value and export-focused industries.

The Initiative enables national action on key issues such as collaboration, commercialisation, international engagement, skills and regulation reform. It drives excellence, not dependence, and will create an economy that ensures Australia's ongoing prosperity. For more information: www.industry.gov.au/industrygrowthcentres

Media Contact

Tyson Bowen

Advanced Manufacturing Growth Centre

M: 0418 826 936

E: Tyson.bowen@amgc.org.au