

AMGC will allocate funding to projects which meet a large proportion of the following project evaluation criteria items.

Value Differentiation through increased Technical Leadership

- Will the project result in the development and enhancement of Australian technical leadership?
- Does the project address one or more of the following Research & Development knowledge priorities?
 - Robotics and automated production processes
 - Advanced materials and composites
 - Digital design and rapid prototyping
 - Sustainable manufacturing and life cycle engineering
 - Additive manufacturing
 - Sensors and data analysis
 - Materials resilience and repair
 - Bio-manufacturing and biological integration
 - Nano, micro and precision manufacturing
 - Augmented or virtual reality systems
- Will the project participants be prepared to disseminate the knowledge gained during the project within the Australian manufacturing sector (Excluding IP)?

Value Differentiation through Servitisation

- Does the project develop, increase or enhance new after sales service offerings?
- Does the project result in an increase in R&D activities with a recognised research institution?**
- Will the project result in additional employment in logistics?
- Will the project result in additional employment in new business development?

Lifting Skills, Scale and implementing Industry 4.0

- Does the project address the improvement of managerial skills in Australian manufacturing?
- Does the project utilise Australia's cost advantages in high-skilled labour?
- Does the project increase collaboration with other firms and/or pools resources?**
- Do the project participants have an Industry 4.0 strategy and/or does the project embrace the Industry 4.0 philosophy?
- Does the project harness opportunities afforded by cyber-physical production systems or does the project foresees a development or evolution into that direction?

Global Value Chain and Underserved Markets

- Does the project identify, assess and/or reach new or underserved markets or products / services segments?
- Will the results of the project provide increased competitiveness against imports or import replacement?**
- Does the project strengthen linkages with exports into the Global Supply Chain?**

What Types of Expenditure Will AMGC Co-fund

- Prototype machinery
- IIoT software development
- Decision making use case development
- Data collection devices
- Sensors
- Part identification technology
- Cloud based applications for sensor data
- Streaming analytics
- Student / contractors assisting projects
- Consulting for high tech sensors
- iPads and mobile devices
- Specialist consultants
- Cloud-based application services consultant for integration with current systems
- Students / contractors for data validation testing (correct sensor data) and testing and analysing data
- Scheduling tool (initial)
- Screens
- Scheduling workflow tools
- Data visualisation app and interface development
- Decision support tools
- Job queuing software
- Workflow and software consulting
- gCloud software subscription fees (initial)
- Commercialisation expert to establish relationships with manufacturers; develop process engineering requirements and manufacturing processes; establish reference sites; validate market for products with OEM and other manufacturers
- Application engineer for design optimisation
- Development of a fully functional manufacturing machine
- Testing and validation of structural performance

AMGC will also fund Employee salaries at an hourly rate + 30% for the following functions:

- Cloud app development and support
- Schedule and workflow testing
- Project management
- Training and change management
- Design data collection system
- User interface development
- Use case development
- Workflow specification
- Documentation
- Data validation testing

Find out [more information here](#).