

Expression of Interest Template for Advanced Manufacturing Early Stage Research Fund (AMESRF)

Project title		
Lead participant contact details	Name:	Position title:
	Email:	Mobile:
	Address (of main project activities):	
Funding requested from AMGC	\$	
State date/Finish date (DD/MM/YY)		

Please email the completed AMESRF Expression of Interest template to enquiries@amgc.org.au

Project description (one page max)

Applications need to provide descriptive responses to the three merit criterion as outlined in the AMESRF program guidelines and below.

Expression of Interest Template for Advanced Manufacturing Early Stage Research Fund (AMESRF)

Merit Criterion 1: Technology Readiness Level

Criterion	Measurement
Project starts at early stage research level	<p>Technology Readiness Level (TRL). The AMESRF is for early stage development of new technologies and products. Projects should start at Technology Readiness Level (TRL 1-4) and conclude at TRL 5 or higher.</p> <p>Tick the relevant TRL the Project starts at:</p> <ul style="list-style-type: none"> TRL 1 TRL 2 TRL 3 TRL 4 <p>Click here for more info on TRL.</p>

Merit Criterion 2: Knowledge Priorities

Criterion	Measurement
Alignment with one or more AMGC Knowledge Priorities	<p>Tick relevant options:</p> <ul style="list-style-type: none"> Robotics and Automation Advanced Materials and Composites Digital design and Rapid Prototyping Sustainable Engineering and Lifecycle management Additive Manufacturing Sensors and Data Analytics Materials and Repair Bio-Manufacturing and Bio-logical integration Nano-Manufacturing, micro-manufacturing and precision manufacturing Augmented or virtual reality systems

Merit Criterion 3: Advanced Characteristics

Criterion	Measurement		
Demonstration of Advanced Characteristics	<p>Success in Australian manufacturing is less about what you make and more about how you run your business. Advanced Characteristics and skills development are strongly linked to success. Therefore, AMGC uses Advanced Knowledge, Advanced Processes, and Advanced Business Models as the primary frame of reference to evaluate AMESRF expressions of interest and Project Applications. Click here for more information on Advanced Characteristics</p> <p>Please tick the characteristics relevant to your project.</p>		
	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Increased demonstration of Advanced Knowledge:</p> <ul style="list-style-type: none"> R&D Intensity Patent Portfolio STEM skill intensity Employee Qualification Wage level </td> <td style="vertical-align: top;"> <p>Increased demonstration of Advanced Processes:</p> <ul style="list-style-type: none"> Capital efficiency Young Capital equipment Automation Energy Efficiency Water Efficiency <p>Increased demonstration of Advanced Business Model:</p> <ul style="list-style-type: none"> Share of services Price density </td> </tr> </table>	<p>Increased demonstration of Advanced Knowledge:</p> <ul style="list-style-type: none"> R&D Intensity Patent Portfolio STEM skill intensity Employee Qualification Wage level 	<p>Increased demonstration of Advanced Processes:</p> <ul style="list-style-type: none"> Capital efficiency Young Capital equipment Automation Energy Efficiency Water Efficiency <p>Increased demonstration of Advanced Business Model:</p> <ul style="list-style-type: none"> Share of services Price density
<p>Increased demonstration of Advanced Knowledge:</p> <ul style="list-style-type: none"> R&D Intensity Patent Portfolio STEM skill intensity Employee Qualification Wage level 	<p>Increased demonstration of Advanced Processes:</p> <ul style="list-style-type: none"> Capital efficiency Young Capital equipment Automation Energy Efficiency Water Efficiency <p>Increased demonstration of Advanced Business Model:</p> <ul style="list-style-type: none"> Share of services Price density 		

Please email the completed AMESRF Expression of Interest template to enquiries@amgc.org.au