

Advanced Manufacturing & Materials Engage Event

Title of Event	Unlock Value in Sustainable Materials and Manufacturing
Date of event	Tuesday 11 th May 10am – 1pm
Duration of event	3 hours
Session Format	<ul style="list-style-type: none"> • <i>Presentations (10-minute per presentation)</i> • <i>5-minute Q&A per presentation</i> • <i>Breakout rooms for networking/discussions</i> • <i>Include 5 minutes at start and end for AMM theme information</i>
Agenda/Presenters/Facilitators	<p>Opening – LY (10.00-10.05)</p> <p>Presentation (10.05-11.05) – Chair: LY</p> <ol style="list-style-type: none"> 1. Liu Yang, Kyle Pender – “Developing a cost-effective process for recycling wind turbine blade” 2. Zhe Liu, Ian Bomphray – “Towards the circular economy: Sustainable composites Manufacturing” 3. Beatriz Casares Fernandez, Meisam Jalavand – “New technique for accurate characterisation of natural fibres” 4. Samuel Peppiette, Arjan Buis – “Sustainable composites for low limb prosthetics” <p>Break (11.05 – 11.20)</p> <p>Presentation (11.20 – 12.20) – Chair: DB</p> <ol style="list-style-type: none"> 5. David Butler – “Sustainable aircraft decommissioning: Challenges and Opportunities” 6. Leigh Paterson– “Circular economy considerations for electrical motors” 7. Nico Bruns – “Harnessing the power of biocatalysis for the synthesis of polymers” 8. Xiaolei Zhang – “Valorisation of solid waste into fuel, chemicals and materials” <p>Breakout rooms (12.20 – 12.50)</p> <ul style="list-style-type: none"> - Room 1: Sustainable Materials (Facilitator LY) - Room 2: Sustainable Manufacturing (Facilitator DB) <p>Closing (12.50 – 12.55)</p>