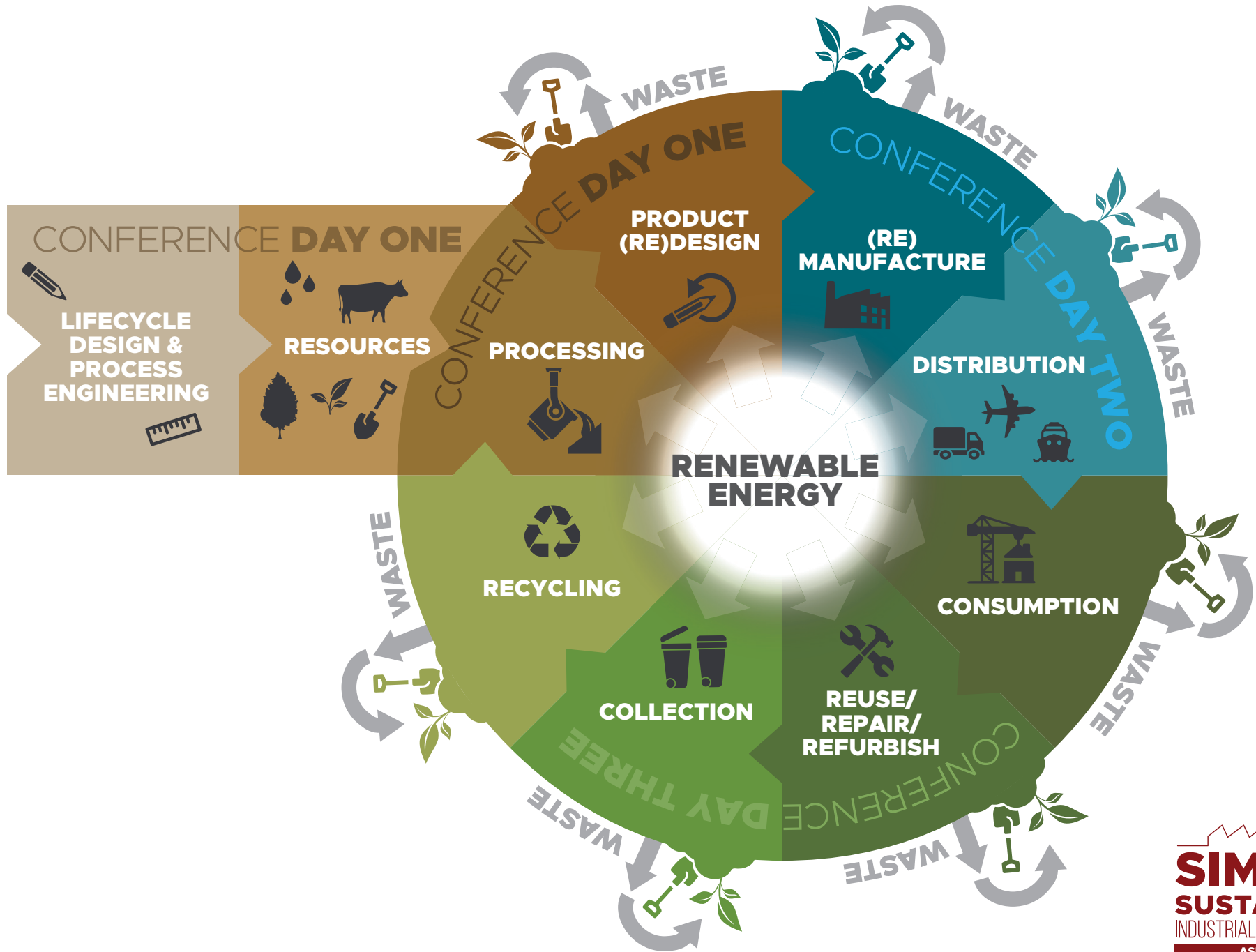


# SIM-PAC 2024 CONFERENCE DRAFT AGENDA

19 Moderated Panel Sessions with six participants each session, with a focus on presenting solutions

Time	DAY ONE - Topics	DAY TWO - Topics	DAY THREE - Topics
9am - 9.50am	<b>Key Note Address</b>	<b>Renewable Energy Manufacturing and Deployment;</b> Renewable energy self generation; solar, rooftop solar, wind, small scale hydro, installation and usage, monitoring, micro-grids, inverters, end of life recycling, PPA's	<b>Sustainable Construction;</b> materials, energy efficiency construction techniques, end-of-life, net-zero buildings
10am-10.50am	<b>Life Cycle Design;</b> environmental design, process engineering, product design, system design, monitoring, R&D, EPC	<b>Battery Industry Development and Deployment;</b> electro-chemical, thermal, gravity, compressed air	<b>Retail Packaging;</b> waste reduction, fossil fuel reduction, biodegradability, end of life
11am -11.50am	<b>Critical Mineral Processing;</b> Electrification of mineral extraction, large scale solar, batteries	<b>Green Hydrogen Production and Fossil Fuel Replacement;</b> petrol and diesel generators, industrial heat, welding equipment, gas appliances and equipment, chemicals industrial heat, welding equipment, gas appliances and equipment, chemicals	<b>Resource Recovery;</b> Reuse, Repair, Refurbish, and Remanufacturing
<b>LUNCH</b>			
1.00pm -1.50pm	<b>Mitigating the Effects of Mining;</b> mine site rehabilitation, waste water treatment, indigenous communities and human health, tailings and waste management	<b>Energy Efficiency and Load Shifting;</b> building management systems, HVAC, lighting, refrigeration, metering and monitoring, process energy storage, process heat and waste heat recovery, motors and variable speed drives	<b>Resource Recovery - Recycling;</b> glass, plastics, metals, construction materials, electronics, minerals, chemicals, clothing
2.00pm - 2.50pm	<b>Sustainable Agriculture;</b> agrovoltaics, water quality and waste water, soil, biodiversity, pasture, regenerative agriculture, small scale hydro, electric farm equipment, biological carbon sequestration	<b>Low-emission Road Transportation;</b> BEV's, FCEV's, PHEV's, HEV's, charging infrastructure, H2 storage, battery swapping, end-of-life	<b>Resource Recovery;</b> Composting; biogas, anaerobic digesters, methane capture, bio-char, methanol, starch
3.00pm - 3.50pm	<b>Sustainable Forestry;</b> timber production, wood waste, preservation of wildlife habitat	<b>Reducing Emissions in Food Production;</b> storage, raw material wastage, packaging	<b>Financing Deployment and Keeping Score;</b> green-financing, carbon accounting, measurement, monitoring
4.00pm - 4.50pm	<b>Managing Water Resources;</b> pumped hydro, small scale hydro, waste water, biological carbon sequestration	<b>Bioeconomy, including biofuels and sustainable aviation fuels</b>	<b>Prize Giving</b>
5pm-6pm	Happy Hour	Happy Hour	Happy Hour
7.00pm for 7.30pm		<b>GALA DINNER</b>	
		<p><b>THE SUPER POWER GALA DINNER AND GREAT DEBATE</b></p> <p><b>'Is Australia too late to catch the decarbonised industrial super power train?'</b></p> <p>#renewableenergy #minerals #hydrogen #investment #batteries #infrastructure #greenfinancing #agriculture #forestry #foodproduction #greensteel #greeniron #R&amp;D #education #innovation #government #regionaldevelopment</p>	





  
**SIMoPAC**  
**SUSTAINABLE**  
 INDUSTRIAL MANUFACTURING  
 ASIA PACIFIC  
**14-16 FEBRUARY 2024**  
**BRISBANE | AUSTRALIA**