

# SIM-PAC 2024 CONFERENCE AGENDA

A solutions based conference with 221 speakers and moderators over 32 fast-paced sessions.

Time	DAY ONE - Topics		DAY TWO - Topics		DAY THREE - Topics
	CONFERENCE Room One	CONFERENCE Room Two	CONFERENCE Room One	CONFERENCE Room Two	CONFERENCE Room One
8.30am	<b>Welcome Address</b>				
8.45am - 9.45am	<b>Keynote Session: SIM-PAC Live Interview; Hard to Abate Sectors</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>Recruitment, Education and Training;</b> Capability, needs and gaps, skill building	<b>Sustainable Construction;</b> materials, energy efficiency construction techniques, end-of-life, net-zero buildings
9.55am - 10.55am	<b>Lifecycle 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>Bioeconomy;</b> biofuels, sustainable aviation fuels (SAF)	<b>Retail Packaging;</b> waste reduction, fossil fuel reduction, biodegradability, end-of-life
11.05am - 12.05am	<b>Critical Mineral Processing;</b> electrification of mineral extraction, large scale solar, batteries	<b>Textile Lifecycle Design</b>	<b>Green Hydrogen Production</b>	<b>Electric and Zero Emissions Mobility</b>	<b>Resource Recovery;</b> Reuse, Repair, Refurbish, and Remanufacturing
..... LUNCH .....					
12.45pm - 1.45pm	<b>Mitigating the Effects of Mining;</b> mine site rehabilitation, waste water treatment, indigenous communities and human health, tailings and waste management	<b>Fashion Lifecycle Design</b>	<b>Green Hydrogen Transportation and Storage</b>	<b>ESG/SDG/Zero Carbon Strategies</b>	<b>Resource Recovery - Recycling;</b> glass, plastics, metals, construction materials, electronics, minerals, chemicals, clothing
1.55pm - 2.55pm	<b>Sustainable Agriculture;</b> agrovoltatics, water quality and waste water, soil, biodiversity, pasture, regenerative agriculture, small scale hydro, electric farm equipment, biological carbon sequestration	<b>Critical Minerals for Batteries;</b> economic development, emerging markets, recycling and design	<b>Green Hydrogen Distribution and Deployment</b>	<b>Reducing Emissions in Food Production;</b> storage, raw material wastage, packaging	<b>Resource Recovery;</b> composting, biogas, anaerobic digesters, methane capture, bio-char, methanol, starch
3.05pm - 4.05pm	<b>Sustainable Forestry;</b> timber production, wood waste, preservation of wildlife habitat	<b>Plastics Lifecycle Design</b>	<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>Commercial Packaging</b>	<b>Financing and Keeping Score;</b> carbon accounting, traceability, green financing, benchmarking
4.15pm - 5.15pm	<b>Managing Water Resources;</b> stewardship, pumped hydro, small scale hydro, waste water, biological carbon sequestration	<b>Technology, Robotics, &amp; AI</b>	<b>Low-emission Road Transportation;</b> BEV's, FCEV's, PHEV's, HEV's, charging infrastructure, H2 storage, battery swapping, end-of-life recycling	<b>Infrastructure Development</b>	<b>Regional Decarbonisation</b>
5.15pm - 6.15pm	<b>Welcome Function</b>		<b>Happy Hour</b>		<b>Closing Remarks and Happy Hour</b>

**14-16 FEBRUARY 2024**  
**BRISBANE CONVENTION & EXHIBITION CENTRE**

