

# CARMAGEDDON



## PROGRAM | THURSDAY 22 JULY 2021

Time	Presenter/Topic
08:30	Registration
09:00	<b>WELCOME, TRADITIONAL LANDOWNER ACKNOWLEDGEMENT &amp; HOUSEKEEPING</b> <ul style="list-style-type: none"><li>• Rod Camm, CEO MTA Queensland</li><li>• Paul Peterson, Chair MTA Queensland Board</li></ul>
09:10	<b>OPENING ADDRESS</b> The Hon Mick de Brenni MP, Minister for Energy, Renewables and Hydrogen & Minister for Public Works
09:20	<b>KEYNOTE 1 - INNOVATION IMPACT &amp; OPPORTUNITIES FOR INDUSTRY</b> Rod Camm, CEO MTA Queensland
09:40	<b>KEYNOTE 2 - CLEAN FUEL</b> Prof Peta Ashworth OAM, Director Andrew N. Liveris Academy for Innovation and Leadership, Chair Sustainable Energy Futures, UQ & Chair Hydrogen Taskforce
10:10	<b>PANEL 1 - CLEAN FUEL &amp; INFRASTRUCTURE</b> Facilitator: Prof Peta Ashworth OAM <ul style="list-style-type: none"><li>• Steve Dunton, CTO, Sola-Drive and Hydro-Drive</li><li>• Jon Day, Chairman, Australian Electric Vehicle Association Queensland Branch</li><li>• Dan Scott, Regional Sales Manager, Nissan Australia</li></ul>
10:50	Morning Tea Break (15 mins)
11:05	<b>KEYNOTE 3 - NEW TECH AND FUTURE OF MOBILITY</b> Prof Michael Milford, Acting Director, QUT Centre for Robotics, Electrical Engineering and Robotics School, Faculty of Engineering, QUT
11:35	<b>PANEL 2 - NEW TECH AND FUTURE OF MOBILITY</b> Facilitator: Prof Michael Milford <ul style="list-style-type: none"><li>• Wolfgang Roffmann, Founder &amp; CTO, E-Motion Concepts</li><li>• Dr David Holmes, Senior Lecturer Mechanical Design &amp; Manufacturing, QUT</li><li>• Dr Kellie Nuttall, Partner, Deloitte Australia - AI Lead</li></ul>
12:15	<b>LUNCH &amp; CHECK OUT THE EXHIBITORS</b> The exhibition will feature the latest electric cars, retro conversions, vans, bikes and the latest tech from QUT and business. Exhibitor details can be found on the back of the Program.
13:15	<b>KEYNOTE 4 - UNLOCKING CIRCULAR ECONOMY FOR TYRES</b> Dr Anna Kaksonen - Group Leader, Industrial Biotechnology, CSIRO
13:45	<b>PANEL 3 - WASTE MANAGEMENT &amp; OPPORTUNITIES FOR BUSINESS</b> Facilitator: Dr Andrea Walton, Social Scientist and Research Team Leader, CSIRO <ul style="list-style-type: none"><li>• Kylie Hughes, Director Waste Management &amp; Recovery Policy, Office of Resource Recovery, Department of Environment</li><li>• Trevor Bayley, COO Green Distillation Technologies Corporation</li><li>• Mark Smith, CEO Waste Recycling Industry Association of Queensland</li></ul>
14:30	<b>WRAP UP</b> Rod Camm, CEO MTA Queensland

This event is operating in compliance with a COVID Safe Event Checklist.

# PRESENTERS/PANELISTS



## ROD CAMM

### Chief Executive Officer, MTA Group

Rod Camm was appointed as Group Chief Executive for the Motor Trades Association of Queensland (MTA Queensland) in November 2020. A 30-year veteran in policy development, industry engagement and tertiary education, Rod has spent the last 25-years at the executive level, leading significant organisational change at leading government agencies, Government owned companies and industry and private sector organisations. Rod has also been involved in proceedings with international organisations including the OECD, UNESCO and the G20 Human Capital Taskforce and has considerable experience at the Board level.



## PROF PETA ASHWORTH OAM

### Director, Andrew N. Liveris Academy for Innovation and Leadership, Chair Sustainable Energy Futures, UQ & Chair Hydrogen Taskforce

Peta's contributions to the field of sustainable energy include leading the social science research program of the Global Carbon Capture and Storage Institute, as well as working alongside Australia's Chief Scientist in the development of Australia's National Hydrogen Strategy and the COAG Hydrogen Working Group. In addition she is a Research Leader for the Future Fuels CRC Social Licence to Operate work package and was awarded an Order of Australia Medal in 2019 for her service to science. She has recently been appointed as Chair for the Hydrogen Taskforce.



## STEVE DUNTON

### Chief Technology Officer, Sola-Drive and Hydro-Drive

Steve Dunton has over 20 years' experience in building communications networks and IT infrastructure within Australia and internationally. Steve's experiences vary from building small point to point networks through to building and managing global, multi-nodal networks, and global wide area network design and implementation.



## DAN SCOTT

### Regional Sales Manager, Nissan Australia

Dan is responsible for driving sales performance across the Queensland and New South Wales Nissan dealer network. With a passion for the automotive industry and the ever-changing landscape it presents, Dan is heavily involved in supporting Nissan's future EV mobility and integration strategies.



## PROF MICHAEL MILFORD

### Acting Director, QUT Centre for Robotics, Electrical Engineering and Robotics School, Faculty of Engineering, QUT

Professor Milford conducts interdisciplinary research across robotics, neuroscience and computer vision and is a multi-award-winning educational entrepreneur. His research models the neural mechanisms in the brain to develop new technologies in robotics and autonomous vehicles. He is one of Australia's most in demand technological experts and is a passionate science communicator. He currently holds the position of Acting Director of the QUT Centre for Robotics, Professor at the Queensland University of Technology, Microsoft Research Faculty Fellow and Chief Investigator at the Australian Centre for Robotic Vision.



## DR KELLIE NUTTALL

### Partner, Deloitte Australia - AI Lead

Kellie leads Deloitte's Analytics and Artificial Intelligence Practice and specialises in the Future of Mobility and smart cities. She has authored several global Deloitte Insights papers regarding the role of government in the Future of Mobility. She is also a Faculty member of Singularity University focused on harnessing exponential technologies to support improved transport system and customer outcomes - Specifically in the domain of AI and Digital Twins. She has worked with many state and federal government clients on their AI and Digital Twin programs over the past 2 years from business case development through to prototypes and productionising digital twin and AI technologies.



## MARK SMITH

### Chief Executive Officer, Waste Recycling Industry Association of Queensland

Mark Smith has experience across NGOs, government and the private sector and was recently appointed as the CEO of Waste Recycling Industry Association of Queensland - Queensland's peak body representing Queensland's multibillion waste and resource recovery sector. He took the helm of WRIQ just as the COVID-19 pandemic began to transform how we live and work. Prior to his role in Queensland, Mark headed up the Victorian waste and recycling industry association. During his tenure, Mark steered the association through a period of unprecedented disruption caused by contracting export markets, toxic industrial fires, massive insurance price shocks, illegal waste activities, regulatory failures, collapsing local markets and the biggest overhaul of environmental regulation in the state's history.



**JON DAY**

**Chairman, Australian Electric Vehicle Association Queensland Branch**

A proud EV advocate and the current Chairman of the Australian Electric Vehicle Association Queensland Branch, Jon is also the owner of a 2019 Hyundai Kona Electric that has covered 34,000km including a trip from Brisbane to Sydney and back. Jon has organised and attended many EV cruises and catch-up events for his local community, speaking openly and honestly to the public at EV shows, to address their questions and has personally taken more than 100 people for test drives. Jon has a very broad knowledge of the EV market having driven the Hyundai Kona and Ioniq, Nissan Leaf, Jaguar I-Pace, Tesla Model X and Model 3, MG ZS EV, BMW i3s and Mitsubishi iMiev. The charging capabilities of EVs and the rollout of charging infrastructure are also a passion for Jon, and he has appeared on television and radio, speaking about electric vehicles.



**WOLFGANG ROFFMANN**

**Founder & Chief Technology Officer, E-Motion Concepts**

Wolfgang Roffman is the founder and Executive Director of EMoS Electric Mobility Solutions, Australia's most diverse electric urban mobility solutions provider. With over 30-years' experience managing advanced technological and manufacturing projects to create effective product solutions, Wolfgang has extensive knowledge in developing smart electric vehicles for the first and last mile transport of goods and people in urban environments.



**DR ANNA KAKSONEN**

**Group Leader, Industrial Biotechnology, CSIRO**

Based in Western Australia, Dr Anna Kaksonen leads the Industrial Biotechnology Group in the Industry Environments Program in CSIRO Land and Water. She is a co-author of a National Report providing the Australian Government with a roadmap for transitioning towards a circular economy for plastic, tyre, glass and paper. Anna focused on exploring circular economy opportunities for end-of-life tyres and is well abreast of the issues facing the industry. She believes there is a great potential for businesses to increase value recovery from used tyres, especially off-the-road tyres (i.e. mining and heavy industry tyres), of which only 11 per cent are collected for value recovery, while 89 per cent are disposed onsite, stockpiled, dumped or landfilled.



**DR ANDREA WALTON**

**Social Scientist and Research Team Leader, CSIRO**

Dr Andrea Walton is a CSIRO senior research scientist and co-author of the National Roadmap for the Circular Economy. In collaboration with her CSIRO colleagues from industrial ecology, advanced manufacturing, and land and water sciences, the research team have identified pathways for increasing the circularity of plastics, glass, paper, and tyres. The objective of the roadmap was to address the short-term needs of the upcoming waste export bans and enable the long-term opportunities for new industries and business models based on circularity.



**KYLIE HUGHES**

**Director Waste Management & Recovery Policy, Office of Resource Recovery, Department of Environment**

Kylie Hughes is the Director of Waste Avoidance and Recovery Policy in the Department of Environment and Science. With over 25 years' experience in waste management and resource recovery with state and local government, Kylie has a proven ability to develop and implement successful legislation and programs, and build collaborative stakeholder relationships. Kylie was responsible for the development and introduction of Queensland's first dedicated waste reduction and recycling legislative framework, including Queensland's lightweight plastic shopping bag ban and container refund scheme in 2018.



**TREVOR BAYLEY**

**Chief Operations Officer, Green Distillation Technologies Corporation**

Trevor Bayley is the Chief Operating Officer of Green Distillation Technologies, an Australian company that has developed world-first technology that recycles end-of-life car and truck tyres into carbon, oil and steel using an emission free process. Trevor joined GDT as a founding director and shareholder in 2009, having spent 20-years in the aviation industry across businesses in the UK and Australia.



**DR DAVID HOLMES**

**Senior Lecturer Mechanical Design & Manufacturing, QUT**

Dr David Holmes is a Senior Lecturer in Mechanical Design & Manufacturing at Queensland University of Technology. His current research centres around the development of multi-phase, multi-physics numerical simulation software for application to a wide range of problems including flows through porous media and biomedical research. Dr Holmes also works on the development of new image processing methods for biomedical geometry recognition, the development of programmatic frameworks for deployment of physics applications on parallel hardware architectures, and a range of pedagogical developments in higher education. Dr Holmes is also the academic lead for QUT's motorsport team.

# FLOOR PLAN

