**AUSTRALIA’S FUTURE INDUSTRY**

08:20 **OPENING REMARKS DAY 1 CHAIR**  
Andrew Lai, Executive Director, SproutX

**TOWARDS SMARTER AGRICULTURAL GROWTH**

08:35 **MINISTERIAL ADDRESS**  
The Hon Jaala Pulford MLC, Minister for Agriculture and Regional Development, Victoria

09:05 **INSIGHTS | Advance Queensland’s Lessons from Israel**  
Paul Martyn, Deputy Director-General, *Innovation, Department of Innovation, Tourism Industry Development and the Commonwealth Games*  

Insights from *Mission Israel*, a trip that took 10 start-ups to observe the nation’s state of art innovation programmes and ecosystems.

09.35 **KEYNOTE | “Agriculture Re-Imagined: The trillion-dollar opportunity to make today’s Agriculture platform companies obsolete”**.  
Dr Andrew Moore, Leader, Digiscape Future Science Platform, CSIRO  

Exploring market demand context in agriculture and a proposed new decentralised economic structure for the sector. Providing a brief overview of core emerging new technologies like artificial intelligence, robotics, distributed ledger technology, privacy preserving data sharing and automated compliance systems.

10:10 **LEADERS DEBATE | Sustainability and global demand**  
Dr Andrew Moore, Leader, Digiscape Future Science Platform, CSIRO  
Spencer Maughan, Visiting Fellow - Innovation and Entrepreneurship Program, United States Studies Centre & Partner, Finistere Ventures  
Dr Mirjana Prica, CEO, Food Innovation Australia Limited – FIAL  
Andrea Koch, Principal, Andrea Koch AgTech, Board Member, National Farmers Federation  
**Moderator:** Andrew Lai, Executive Director, SproutX

- Looking at capability and capacity, what does Australia need now to be a leader by 2030 in AgTech?

11:00 **Networking and refreshment break**

11:20 **GLOBAL OVERVIEW | A complete picture**  
Peter C. Rohde, Vice President, *Agribusiness Intelligence – Informa*

A global snapshot of agri-business today and meeting global demand tomorrow
11:50 **KEYNOTE | Clustering to promote collaborative growth across the Food and Agribusiness value chain**
Dr Mirjana Prica, **CEO, Food Innovation Australian Limited – FIAL**

Illustrating why innovative clusters accelerate product development, investment, productivity improvements and enhanced competitiveness.

12:20 **INSIGHTS | Fork to Farm - taking a design led innovation approach to creating winning offers for consumers**
Dr Angeline Acharya **Chief Executive Officer, Food Innovation Centre, Monash University**

Exploring university and Industry partnership models creating point of difference in future consumer offers, a design led innovation approach to creating high value premium offers for export markets and the Monash FIC model.

12:50 **INSIGHTS | Genomics & the future of agriculture**
Russell Lyons, **General Manager, NEOGEN AustralAsia**

- Genomic solutions & the impact on global demand

13:30 **Networking and luncheon break**

---

**INNOVATION, INSPIRATION & INVESTMENT**

14:15 **SQUARE ROOTS, BROOKLYN USA**
Dr Tobias Peggs, **Co-Founder & CEO, Square Roots Urban Growers**

Tobias Peggs co-founded Square Roots along with Kimbal Musk in Brooklyn, NYC in 2016, an urban farming platform that assists in strengthening communities through their holistic and cutting edge approach to providing local fresh produce empowering a new generation of farmers and entrepreneurs alike. Tobias will share his journey from conception to realisation of this unique venture.

14:30 **DISCUSSION | The viability of vertical farming & urban agricultural development in Australia**
Francisco Caffarena, **Investment Manager, BridgeLane Group**
Spencer Maughan, **Visiting Fellow - Innovation and Entrepreneurship Program, United States Studies Centre & Partner, Finistere Ventures**

Moderator: Andrew Lai, **Executive Director, SproutX**

- Obstacles to vertical & urban farming initiatives in Australia
- Investment in similar ventures in Australia

15:00 **The future of whole foods & online food retailing – global & domestic & the impact on agriculture**
Professor Sean Sands, **Associate Professor of Marketing, Swinburne Business School, Swinburne University of Technology**

- What can we expect the future of whole foods to look like with Amazon purchasing Whole Foods in the USA?
- Can we look forward to more competitive pricing and distribution channels for local produce of the highest quality in Australia
15:30 Networking and refreshment break

15:45 INSIGHTS | Digital agriculture - the case for urgent investment
Richard Heath, General Manager Research Australian Farm Institute

- Potential economic benefit from digital agriculture and strategies for delivery of digital agriculture in Australia

16:05 ROUNDTABLE | Accelerating precision agriculture to decision agriculture
Associate Professor Leanne Wiseman, Griffith University Law School
Associate Professor Jay Sanderson, USC Law School, The University of Sunshine Coast
Professor David Lamb, Precision Agriculture Research Group, University of New England
Sanjay Mazumdar, CEO, Data to Decisions CRC
Dr Rohan Rainbow, Project Leader - Accelerating Precision Agriculture 2 Decision Agriculture, Consultant, Cotton Research & Development Corporation

- Legal aspects of digital agriculture and trust - data rules, dealing with ownership, access, privacy and trust
- Data connectivity needs for digital Agriculture in Australia
- A big data reference architecture for use in digital agriculture
- Steps to enable digital agriculture in Australia

Accelerating precision agriculture to decision agriculture P2D Project is an Australian Farm Institute & Cotton Research and Development Corporation project, funded by all 15 Agriculture Research and Development Corporations with support of the Federal Governments Rural R&D for Profit Program.

16:45 INSIGHTS | Provenance in depth – what the data is saying
Hollis Ashman, Enterprise Director, Faculty of Veterinary and Agricultural Sciences, The University of Melbourne
Dr Maddie Judge, Academic - Management & Marketing, The University of Melbourne

- Marketing Definition of Provenance
- Provenance vs Country of Origin
- Concept Database: Applications of provenance options on Concepts and consumer reactions in Both Australia and China across 18 Food categories

17:15 ROUNDTABLE | How innovation is assisting in meeting global demand
George Peppou, Accelerator Lead & Mentor AgTech Programs Cicada Innovations
Bridie Ohlsson, External Relations Manager, AgriDigital
Arianna Sippel, Adviser, Agribusiness and Food, Investment Division, Australian Trade and Investment Commission (Austrade)
Cameron Neil, Co-Founder, Ethical Fields

- Innovative agricultural approaches will be crucial to responding to increasing competition for water and energy resources calling for more integrated planning and policies that protect small farmers and promote sustainable rural growth. We explore what they could be in the future
- The use of Blockchain in agriculture

18:00 Close of Day 1 & networking drinks
AN AUSTRALIAN OPPORTUNITY

08:00 OPENING REMARKS DAY 2 CHAIR
George Peppou Mentor AgTech Programs Cicada Innovations

08:15 Why Australia, why AgTech and why now? – An international perspective on funding AgTech
Michael Dean, Co-Founder & CIO, AgFunder

08:45 INNOVATION & SCIENCE AUSTRALIA |
Dr Bronte Adams AM, Board Member, Innovation Science Australia

09:15 RESEARCH | Digital Agricultural Launch Pad
Monash University
Professor Ros Gleadow, Research Lead, Monash University
Jesse Reader, Agriculture Sector Specialist, Robert Bosch Australia
Professor Jeffrey Walker, Head of the Department, Civil Engineering, Monash University
Associate Professor Alan Dorin, Deputy Dean (Academic Resourcing), Faculty of IT, Monash University

The AgTech Launch Pad facility established at Bosch Australia’s Clayton headquarters, with just over one hectare allocated to a smart farm for cutting-edge research and development includes space for cropping trials and early-stage prototype development, enabling the use of artificial intelligence, automation, robotics and advanced sensor technology.

09:55 INSIGHTS | Robotics in agriculture
Professor Salah Sukkarieh, Australian Centre for Field Robotics, The University of Sydney

10:30 Networking and refreshment break

COMMERCIAL OBJECTIVES & CRITICAL INFRASTRUCTURE

11:00 INSIGHTS | Evolution of the Agricultural banking model
Garry Gale, Head of Agribusiness Development & Asia Desk, Agribusiness, National Australia Bank

AgTech is an emerging opportunity for financial services and the agriculture sector alike as technology provides new ways to connect data and people within the agricultural ecosystem. From the valuation of assets to provision of data driven insights to farmers and suppliers of capital and investment in the sector.

11:30 ROUNDTABLE | Commercialising deep technologies in agriculture
Ron Mack Commercialisation Advisor, Department of Industry, Innovation and Science
Professor Salah Sukkarieh, Australian Centre for Field Robotics, The University of Sydney
Dr Anastasia Volkova, CEO & Founder, FluroSat
Dr Peyman Moghadam, AgTech Cluster Leader, CSIRO Data61

Moderator: George Peppou, Accelerator Lead & Mentor AgTech Programs Cicada Innovations

The development of deep technology is what will drive greater innovation in the future and we explore how we can accelerate commercialisation of robotics, satellites, drones along with other emerging technology.
PRESENTING THE INAUGURAL

AgTech Summit

13 – 14 March 2018 | Rendezvous on Flinders, Melbourne

12:30 WORLD FIRST | Presenting a world first
David Davies, Founder & CEO, AgUnity

THE FUTURE IS IN OUR TALENT, CONVERGENCE & EMBRACING DIGITAL OPPORTUNITY

12:45 Networking and luncheon break

13:30 ROUNDTABLE | Developing ecosystems and fostering collaboration between start-up’s & industry
Ben Wark, Regional Director - Enterprise, Digital & IoT, Brightstar Corporation
Felicity Turner, General Manager Customer Experience, The Yield
J Matthew Pryor, CEO/CTO, Observant & Chair, Rocket Seeder
Olympia Yarger, Founder and CEO, Goterra
Moderator: Spencer Maughan, Visiting Fellow - Innovation and Entrepreneurship Program, United States Studies Centre & Partner, Finistere Ventures

Ecosystems are vital for innovation to flourish and for effective channels of collaboration between industry and research & development centres as well as for our start-ups. We will why a well-developed ecosystem is crucial for us in times of greater opportunity with technology.

14:15 KEYNOTE | Artificial intelligence and the future of work in agriculture
Sarah Nolet, CEO & Founder, AgThentic

If software is eating the world than artificial intelligence is currently dominating our dialogue with many voicing fears of AI taking away our jobs. The reality is AI can assist us to do a better job and we explore what that might look like in the agriculture sector.

14:45 Empowering farmers and agribusinesses with smart assets
Andrew Despi, Manager Strategy, Emerging Technology, Commonwealth Bank

In addition to robotics, drones and other ‘new’ applications, technology is also enhancing the functionality and value of traditional assets and applications. The convergence of IoT and smart contracts will help to make agricultural assets ‘smart’, and empower the way farmers own, utilise and finance their assets

15:15 Networking & refreshment break

15:30 A TRADITIONAL FARMER’S PERSPECTIVE | Withnell Dairy Company
John Tindall, Managing Director, Withnell Dairy Company

John Tindal is a third-generation farmer and he has embraced technology to not only better his farming but out of necessity to stay in business. Ironically instead of technology taking away jobs John has welcomed technology to do jobs he cannot find staff for. He will share his insights on how implementation has been welcomed on his dairy farm.

16:00 SHOWCASE OF TALENT

17:15 Close of summit