

2ND ANNUAL

future food. summit

APAC

DATE

8th – 9th March 2023

VENUE

Kuala Lumpur, Malaysia

CLOSING THE FOOD GAP:

Sustainable Food
System Transformation

supporting partners



media partners



event overview



COVID-19 pandemic has brought to the foreground the issue of food security and its susceptibility to supply chain disruptions in many parts of the world, with climate change posing an ever-growing threat to its resiliency going forward. Urgent policy attention and supply side measures to transform the agrofood industry should therefore be undertaken to close the gap, thereby ensuring sustainable and equitable economic growth

Now in its 2nd year Future Food Summit returns in-person. The year's summit will bring together key players from the worlds of science, business, policy, healthcare and academia, as well as farmers & agriculture startup founders, foodtech companies, consumer groups, environmental activists, and other key stakeholders under one roof to discuss and to bring about tangible, positive changes to the world's food systems.

This year's event will welcome insights and discussions focused on critical topics including AgriFood Ecosystem, scaling new proteins, gut health and the microbiome, Breakout session on AgriTech, FoodTech & Alt Protein, Super food, partnership models and investment trends for 2023.

event themes

Keynotes, fireside chats, case studies and in-depth discussions on:

01

Resilient & Sustainable Agri-Food System



02

Ecosystem & Supply Chain



03

Vertical Farming, Regenerative Agriculture, Agritech & More



04

Alternative Protein & Plant-Based Food



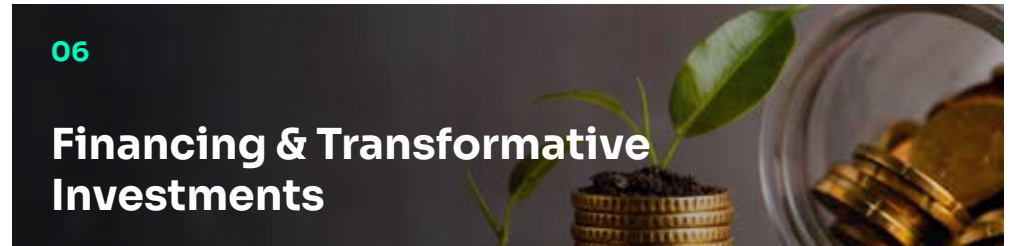
05

Consumer Expectation & Smarter Food



06

Financing & Transformative Investments



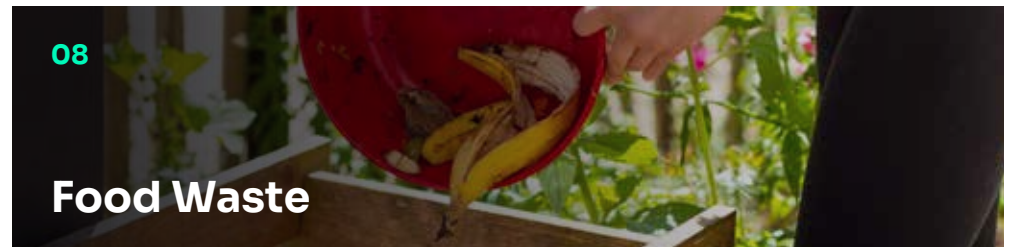
07

Super Food & Food As Medicine



08

Food Waste



why you cannot afford to miss future food summit 2023

BENEFITS OF ATTENDING

- 01** Learn about global trends influencing food security, poverty, and the overall sustainability of food and agricultural systems.
- 02** Shortening the food supply chain distance, reducing carbon footprints and tapping into consumer preference for locally- and regionally-sourced ingredients.
- 03** Diversifying and increasing plant-based protein consumption, which is healthier and more sustainable compared to processed meats and seafoods.
- 04** Explore advanced devices , precision agriculture and robotic systems which will allow farms to be more profitable, efficient, safe, and environmentally friendly.
- 05** Showcase your product demo at our next generation innovation zone.
- 06** Meet targeted investors & strategic partners from the agrifood tech ecosystem.
- 07** Supporting growth in the healthy food and providing personalised and customised nutrition and experiences by harnessing real foods, super foods and short ingredient lists.

[FIND OUT WHAT PAST ATTENDEES HAD TO SAY >>](#)

Overall, all topic very interesting, informative and good platform sharing new things future food.

Tosiah Binti Abdullah

FOOD SAFETY AND QUALITY DIVISION - MINISTRY OF HEALTH

Good job and performance on topic matter. Great line of speakers.

Wan Faez B. Wan Jafaar

ECONOMIC PLANNING UNIT (EPU)

Congratulations to the organiser for organising this event.

Mohd Al Khotimi Bin Siren

LEMBAGA PERTUBUHAN PELADANG (LPP)

Hope to see this event physically. Very interesting.

Mohamad Hafiz Bin Suhaili

SARAWAK ECONOMIC DEVELOPMENT CORPORATION (SEDC)

Well done. Very informative.

Dayana Anith Binti Suhanih

MINISTRY OF AGRICULTURE AND FOOD INDUSTRY (MAFI)

Some of the topics are really an eye opener! Congratulations for a fruitful summit. I personally benefited a lot.

Dr. Wan Norhana Bt. Md

FISHERIES RESEARCH INSTITUTE OF BATU MAUNG, PENANG

who should attend



who you will meet

- CEOs ■ FOUNDERS
- MANAGING DIRECTORS
- CTOs ■ GENERAL MANAGERS
- HEADS OF NUTRITION
- HEADS OF BUSINESS DEVELOPMENT
- HEADS OF R&D / INNOVATION
- HEADS OF QUALITY ASSURANCE
- FOOD SCIENCE TECHNOLOGISTS

- FOOD INGREDIENT ■ BIOTECHNOLOGY
- F&B BRANDS ■ FOOD TECH PROVIDERS
- VC INVESTORS ■ CONSULTANTS
- START-UPS ■ AGRIBUSINESS / FARMS
- FOOD SERVICE / RETAILS
- INGREDIENT & MANUFACTURERS
- R&D ACADEMICS ■ GOVERNMENT & NGO



who should sponsor

- PERSONALISED NUTRITION ■ SUSTAINABLE SUPPLY CHAIN ■ FARMING SYSTEMS
- ALTERNATIVE PROTEIN ■ FOOD TECH TRENDS ■ RETAIL TECH ■ GUT HEALTH
- AUTOMATION ■ ROBOTICS



Matthew Griffin

Fanatical Futurist

AWARD WINNING FUTURIST + INTERNATIONAL KEYNOTE SPEAKER

THE FUTURE OF FOOD KEYNOTE

Exponential Innovation in Food:
From Plant-Based Burgers,
Cellular Agriculture, 3D & 4D
Print and beyond!

Matthew Griffin, described as “The Adviser behind the Advisers” and a “Young Kurzweil,” is a world class futurist and the founder and CEO of the 311 Institute, a global Futures and Deep Futures consultancy working across the next 50 years, and the World Futures Forum and XPotential University, two philanthropic organisations whose mission it is to reduce global inequality, in all its forms, and ensure the benefits of the future are accessible to everyone, irrespective of their abilities or background. He is also the author of the futuristic “Codex of the Future” series, and the book “How to Build Exponential Enterprises.”

expert speaker line up



Dirk Jan Kennes

Head of RaboResearch Food & Agribusiness – Asia
RABOBANK



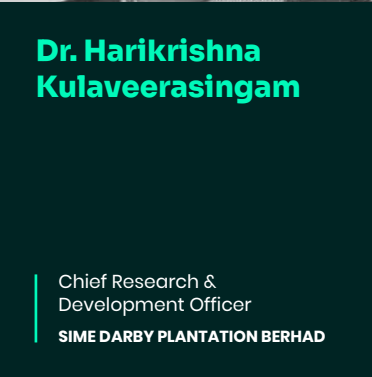
Navin Sinnathamby

Head, AgTech, Sectorial Pilots & Drone Tech, Ecosystem Development Division
MALAYSIA DIGITAL ECONOMY CORPORATION (MDEC)



YBhg. Prof. Datin Paduka Dr. Fatimah Mohamed Arshad

Research Fellow, Institute of Agricultural and Food Policy Studies
UNIVERSITI PUTRA MALAYSIA
Senior Fellow
INSTITUTE FOR DEMOCRACY AND ECONOMIC AFFAIRS (IDEAS)



Dr. Harikrishna Kulaveerasingam

Chief Research & Development Officer
SIME DARBY PLANTATION BERHAD



Matt Van Leeuwen

Chief Innovation Officer
SUNWAY GROUP, MALAYSIA



Ralph Becker

Founder & CEO
URBAN GREENS, PHILIPPINES



Benjamin Loh

Senior Manager, Sustainable Commodity – Sustainable Markets Programme
WWF – MALAYSIA



Nick Cooney

Managing Director
LEVER VC, US



Shen Ming Lee

Author, Entrepreneur & Ecosystem Builder
Advisory Board Member
THOUGHT FOR FOOD, SINGAPORE

**Mr. Thirach
Rungruangkanokkul**

Executive Director, Agriculture
and Food Marketing
Association

ASIA AND THE PACIFIC (AFMA),
THAILAND



Jay Desan

Co-Founder
BOOMGROW, MALAYSIA



Suzanne Mooney

Founder
THE LOST FOOD PROJECT,
MALAYSIA



Roberto Guiati

Senior Vice President & Chief
Executive

PETRA CUCINA, F&B DIVISION OF
THE PETRA GROUP. MALAYSIA



Nick Piggot

Co-CEO
NUTRITION TECHNOLOGIES,
MALAYSIA



Sanjay Sethi

Executive Director
PLANT BASED FOODS INDUSTRY
ASSOCIATION

more to come...

08:45 REGISTRATION & WELCOME COFFEE – DAY ONE

08:50 CHAIRPERSON'S OPENING ADDRESS

ECOSYSTEM OUTLOOK

09:00 KEYNOTE: BUILDING A SUSTAINABILITY, INCLUSIVE AND RESILIENT AGRI-FOOD TECH ECOSYSTEM

09:20 FOOD FOR THOUGHT: GLOBAL ALLIANCE

Policy Considerations to Improve & Grow Asia's Food Supply Ecosystem

For Malaysia, arguably, the key gap lies in the supply ecosystem. Of course, demand-side interventions are important too, especially in shaping preferences towards food consumption that is based on proper nutritional standards. This panel of policy leaders from across the region will discuss policy considerations that aim to not only address food security but also actions that could help in improving the food supply chain from farm to table, improve the wellbeing of farmers and boost economic growth with broader focus on (clear comprehensive set of policies in ASEAN, diversification of food imports, raising agri food production, food safety and agri productivity through use of technology)

10:05 ECOSYSTEM TRANSFORMATION

Panel Discussion: Digitization of Asia's Agriculture : Fostering an Agricultural Innovation Ecosystem to Achieve Sustainable Food System Transformation

Digital technologies such as precision agriculture, agricultural drones, digital farming services, marketplaces, and creative business models like plant factories and crowdsourcing for farmers, are enhancing yields and making primary production more robust. These innovations will be discussed and exemplified with cases from countries in the APAC region as well as benchmarking it to Netherlands- the world's second largest food exporter. The country's food production system is a result of intensive use of innovative technologies and relentless improvement made through R&D. This panel will discuss these innovations by identifying emerging trends, analysing the nature of these innovations, how they are changing food systems and value chains, whether positively or poorly, and how to deal with trade-offs.

PANELISTS

MATT VAN LEEUWEN | Chief Innovation Officer, Sunway Group, Malaysia

NAVIN SINNATHAMBY | Head, AgTech, Sectorial Pilots & Drone Tech, Ecosystem Development Division, Malaysia Digital Economy Corporation (MDEC)

10:30 NETWORKING AND COFFEE BREAK

RESILIENT & SUSTAINABLE FOOD SYSTEMS

11:15 **CONFLICT, COVID, CLIMATE CHANGE**

The Growing Complexity and Interconnectedness In Food Systems: The Role Of Technology

Justifications: UN Food Summit (2021) recognized the growing interdependence of various elements in the food systems that made any analysis and policy decisions more challenging as it involves multi-variables and multi dimensional issues. For eg the recent world crisis exhibits the inter and feedback relationships between pandemic, war between RU n UA, climate change, policy response and other variables. Under such a complex environment:

- **Systems thinking** is highly relevant to understand feedback loop and circular causality among the systems' elements. The major relevant sub-systems are: supply chain of food, population and food consumption, economic growth, natural resource management and policy response.
- **ICT solutions** may provide the links between the sub-systems as well as tools for efficiency and productivity improvement.
- **System dynamics** approach will be used to connect ICT roles and the defined food systems.

SPEAKER

YBHG. PROF. DATIN PADUKA DR. FATIMAH MOHAMED ARSHAD | Research Fellow, Institute of Agricultural and Food Policy Studies, Universiti Putra Malaysia + Senior Fellow, Institute for Democracy and Economic Affairs (IDEAS)

11:45 **WALKING ON EGGSHELLS**

Panel Discussion: Confronting Malaysia's Food Security System - Cultivating Agri-Food Security and Sustainability with Agri-Food Tech

By 2050, the world population is projected to reach 9.8 billion persons, with the global demand for food to be at least 60% greater than it is today. Under these circumstances there is a critical need to ensure that Malaysia's future food security is preserved by addressing the key challenges to supply risks, both domestically and externally. This session will discuss the role of Technology in combating food security focusing on; What are the main causes of food insecurity and inequality? What is the role of food-tech in combating these? How can we reconfigure supply chains around the globe to address this issue? What benefits do localised production facilities bring over centralised? What examples are there of partnerships that have successfully improved access and affordability? How can the sector replicate these successes?

PANELISTS

BENJAMIN LOH | Senior Manager, Sustainable Commodity - Sustainable Markets Programme, WWF - Malaysia

12:45 **GLOBAL EXPANSION**

Panel Discussion: Entering Asia's Sustainable Protein Market

PANELISTS

NICK COONEY | Managing Partner, Lever VC

13:00 **LUNCHEON**

AGRITECH & AQUATECH		FOODTECH & ALT PROTEIN	
14:00	<p>PANEL DISCUSSION: CEA & VERTICAL FARMING</p> <ul style="list-style-type: none"> – Increasing support for innovation in precision growing. – Seed breeding and genetics for CEA and vertical farming. <p>PANELISTS</p> <p>RALPH BECKER Founder & CEO, Urban Greens, Philippines</p> <p>JAY DESAN Co-Founder, BoomGrow, Malaysia</p>		<p>LOCALISING ALT PROTEINS</p> <ul style="list-style-type: none"> – New Trends in Plant-Based Protein: Advancing Processing for Localised Taste & Texture <p>SPEAKER</p> <p>NICK COONEY Managing Partner, Lever VC</p>
14:30	<p>USE OF DISRUPTIVE TECHNOLOGIES FOR PRECISION CORP CULTIVATION</p> <ul style="list-style-type: none"> – IoT Driven Precision agriculture optimising farming tasks – RFID Sensors and Tracking – Increasing crop yields and profitability 		<p>SUSTAINABLE FEED FOR QUALITY MEAT / EGG / FISH PRODUCTS</p> <ul style="list-style-type: none"> – Precision Fermentation Protein <p>SPEAKER</p> <p>NICK PIGGOTT Co-CEO & Co-Founder, Nutrition Technologies, Malaysia</p>
15:30 AFTERNOON BREAK			
16:00	<p>FOODTECH APPLICATION IN THE HALAL SPHERE INDUSTRY</p> <ul style="list-style-type: none"> – Increasing support for innovation in precision growing. – Seed breeding and genetics for CEA and vertical farming. 		<p>ROLE OF PROCESS ENGINEERING IN THE ALTERNATIVE PROTEIN INDUSTRY</p> <ul style="list-style-type: none"> – How advanced processing affects the composition and microstructure of multi-component food matrices, and develops technologies to texturise new alternative protein ingredients from a wide range of natural origins including plants, fermented foods, and cultivated cells, as a sustainable alternative to animal-based foods.
16:30	<p>NEW GENERATION OF RECIRCULATING AQUACULTURE SYSTEM</p> <ul style="list-style-type: none"> – How to transform aquaculture with digital solutions. – Strengthening seafood supply chains through the wider adoption of alternative proteins. – Innovation in genetic & breeding for Sustainable Aquaculture 		<p>NOT CHICKENING OUT: DRIVING CLEAN & GREEN PLANT-BASED PROTEIN INNOVATION</p> <ul style="list-style-type: none"> – What are the health effects of ultra-processed plant-based foods? Do they improve or detract from the nutritional quality of vegetarian and vegan diets?
17:00	<p>CLOSING KEYNOTE: A BETTER FOOD FUTURE</p> <p>Shen speaks about harnessing the power of science and technology to transform our global food systems. With knowledge of breakthrough innovations across the entire food chain (including smart agriculture, novel farming systems, genomics, cellular agriculture, and food waste technology), Shen's unique insights reveal how tech innovations can increase food production—both quantitatively and qualitatively—in an increasingly resource-scarce future. By revealing how technological advances help us re-imagine our food system, Shen gives her audiences hope that the future of nourishing the world is a sustainable, inclusive, and delicious one.</p> <p>SPEAKER</p> <p>SHEN MING LEE Author, Entrepreneur & Ecosystem Builder + Advisory Board Member, Thought For Food, Singapore</p>		
17:30	CLOSING REMARKS BY CHAIRMAN		

08:45 REGISTRATION & WELCOME COFFEE – DAY TWO

08:50 CHAIRPERSON'S OPENING ADDRESS

09:00 THE FUTURE OF FOOD KEYNOTE

Exponential Innovation in Food: From Plant-Based Burgers, Cellular Agriculture, 3D & 4D Print and beyond

SPEAKER

MATTHEW GRIFFIN | CEO of the 3iI Institute, United Kingdom

MEETING EVOLVING ETHICAL, SUSTAINABLE AND CLEAN LABEL CONSUMER DEMANDS

09:30 APPETITES FOR CHANGE

Shifting Consumer Demand Towards Sustainable Diet

This session will gather leading experts from food services, retailers, F&B brands to address Malaysia's consumers shift in food consumption pattern that is driven by population growth, higher income levels, urbanisation and changes in lifestyle. What do Malaysia's future food consumers look like? Will consumers be looking for health and wellness foods, imported foods and more plant-based meats?

SPEAKER

ROBERTO GUIATI | SVP and CEO, PETRA Cucina, F&B division of the PETRA Group. Malaysia

10:00 THE END OF THE BEGINNING OF E-COMMERCE IN ASIA

Panel Discussion: As E-Commerce Starts to Mature in Asian Market – Retailers, Government and Industry Initiates Must Rise to the New Challenge To Foster Sustainable Growth of the Food e-Commerce Sector

The food e-commerce landscape has dramatically evolved in the last few years, fuelled by the repercussions of the pandemic, rapid technological developments, a number of social drivers such as increasingly accelerated lifestyles, as well as economic drivers such as the rising middle class particularly in Asia. In order to keep pace with these changes, benefit from the opportunities and minimise the risks, both industry and governments need to be proactive and collaborate with one another.

10:30 DIGITAL LABELLING

The Future of Smarter & (Cleaner) Food Labelling in Asia

With increasing regulatory requirements and consumer demand for greater transparency in food products, digital labelling is gaining traction as an alternative method to communicate and store information related to food products. This session will discuss the policy and consumer trends around digital labelling in Asia, the actions to take to enhance digital labelling from awareness programs, multi-stakeholder collaborations and facilitation of regional and international collaboration.

11:00 NETWORKING BREAK

FINANCING & TRANSFORMATIVE INVESTMENTS

11:30 **SCALE-UP FINANCE**
Keynote: New Investment Models Supporting FoodTech

12:00 **AGRITECH FINANCE**
Case Study: Improving Access to Inclusive Finance for Smallholders with Agri-Fintech

12:30 **MARKET CORRECTIONS**
Panel Discussion: The Impact of Current Volatility on Food-Tech Investment

- What impact has the ongoing volatility in public markets had on VC valuations and funding? When do we expect the true size and extent of this readjustment to be realised?
- Is the current financial climate deterring companies from going public? How does this impact the growth of food-tech?
- Over the next 12 months, how do investors think start-up valuations across the venture lifecycle will react in the face of these headwinds?
- As the investment landscape changes, where is the safe-home for food-tech investors?

PANELISTS

DIRK JAN KENNES | Head of RaboResearch Food & Agribusiness – Asia, RABOBANK, Hong Kong

13:00 **LUNCHEON**

SUSTAINABLE, SUPER FOOD & FOOD AS MEDICINE

14:00 **FATS & LIPIDS: THE MISSING INGREDIENT**

What are the main factors underlining the need for alternative fats and oils? What challenges, from flavour to cost, are standing in the way of companies scaling their solutions? How can we create alternatives that are superior? From an applications perspective, which products are most in-need of alternative fats? What competitive advantages do different production processes have over each other? What benefits does cell culturing bring over fermentation, and vice versa.

14:45 **FOOD AS MEDICINE**
Driving Consumer Awareness, Immunity, Cognition & Wellness

This session will discuss breakthroughs for Health & Medicine from power of Fungi and other Nutraceuticals.

15:15 **NETWORKING BREAK**

15:45 **PANEL DISCUSSION: FOOD WASTE**

Our Food Waste Issue: How Upcycling Will Change Our Diet

Food waste is a major environmental problem, as over 1/3 of all food produced is currently being wasted. Globally, if food waste could be represented as its own country, it would be the third largest greenhouse gas emitter, behind China and the United States. Besides this impact, this food waste issue offers great business opportunities, as many problems can be solved with the right technology in place. Kern Tec have created a solution for a small segment – fruit pits. This system, however, can be applied to many additional side streams. Attend the presentation to find out how Kern Tec plans to do this.

PANELISTS

SUZANNE MOONEY | Founder, The Lost Food Project

17:30 **CLOSING REMARKS BY CHAIRMAN – END OF CONFERENCE**

