

16-17 NOVEMBER 2021
NAKHON RATCHASIMA, THAILAND
HYBRID EVENT (ONLINE + ONSITE)

Preliminary Program

Topic	Speaker Name	Position	Company / Organization	Country
Sustainable Food Systems				
Results of the UN Summit - How to transform food systems by using modern technology - Thai perspective	Mr. Rapihath Chandarasivongs (tbc)	Deputy Permanent Secretary	Ministry of Agriculture and Cooperatives	Thailand
Results of the UN Summit - How to transform food systems by using modern technology - German perspective	Dr. Bernd Christiansen (tbc)	Counsellor (Food and Agriculture)	Embassy of the Federal Republic of Germany	Germany
Carbon Farming	tbc	tbc	tbc	tbc
Application of Nonwoven Fabric on Sustainable Agriculture System	Dr. Natthaphop Suwannamek	Researcher	National Metal and Materials Technology Center	Thailand
Agriculture 4.0 (I)				
Smart Farming in Thailand: Status Quo and Outlook	Dr. Dares Kittiyopas	President	Thai Society of Agricultural Engineering (TSAE)	Thailand
Soil Sensing	Mr. Prasat Sangphanta	Agricultural Engineer Specialist	Agricultural Engineer Research Institute	Thailand
Land use management observation (nature protection)	Ms. Netnapa Kaswiset	Agricultural Research Officer	Land Use Planning and Policy, LDD, MOAC	Thailand
Knowledge requirement and limitation of precision agriculture on tropical fruits and herbs production in Thailand.	Dr. Soontorn Pipithsangchan	Advisory Board Committee	Horticultural Science Society of Thailand	Thailand
Delivering Satellite Data to Scale Digital Agriculture	Mr. Steve Levay	Product Marketing Manager	PLANET	USA
Revolutionizing Lives of Thai Farmers using accessible Technology (title tbc)	Ms. Panunya Charoensawadpong	Co-Founder	AI & Robotics Ventures	Thailand
3Tra-WIMARC : Integrated Data Platform for Value-Added Agriculture	Dr.-Ing. Opas Trithaveesak	Researcher	National Electronics and Computer Technology Center: NECTEC	Thailand
Agriculture 4.0 (II)				
Digital knowledge transfer	Dr. Surangsri Wapet	Chief of Local Wisdom and Agricultural Innovation Group	Agricultural Innovation Group, DOAE	Thailand
Digital platforms	Mr. Patcharapon Phopan	Young Smart Farmer	Young Smart Farmer (Java farm)	Thailand
Digital networking between farmers	Mr. Somkuan Rodthatsana	Young Smart Farmer	Young Smart Farmer (Makuan garden)	Thailand
Online selling	Mr. Sakada Sangkanha	Young Smart Farmer	Young Smart Farmer	Thailand
Digital Transformation and Social Change in Agricultural Communities in Southeast Asia	Mr. Vishnu Nair	Regional Director - Asia Pacific	Pessl Instruments GmbH	Austria
Adoption and impact of smart farming technologies among farmers in rural Southeast Asia	Dr. Daniel McFarlane	Researcher	Centre of Digital Technology & Society at Thammasat	Thailand / Australia
Smart Farm - Virtual Field Trip	Dr. Pradorn Sureephong	Asst. Professor	Sustainable Deelopment Smart Agriculture Capacity Project (SUNSpaCE)	Thailand / France
Digital Technology Promotion for Thai Farmers	Preesan Rakwatin	Vice President	Digial Economy Promotion Agency (DEPA)	Thailand

Plant Protection I				
Plant Protection : Status Quo & Outlook in Thailand	Mr. Pruetthichat Punyawattoe	Entomologist (Senior Professional Level)	Plant Protection Research and Development Office, DOA, MOAC	Thailand
On the way to plant protection without chemicals?	<p>Young DLG (German Agricultural Society) + Young Smart Farmers</p> <p>Young DLG members: Mr. Konrad Harbort, Farm Manager, Young DLG Germany Mr. Jan Große Kleiman, Farmer + University Göttingen, Young DLG, Germany Mr. Felix Hollmann, Farmer Business Consultant; Young DLG, Germany</p> <p>Young Smart Farmers: Mr. Pongpat Kaewpanao, YSF, Maha Sarakham Province Mr. Pairoj Kirikaew, YSF, Nakhon Ratchasima Province</p>	Young Smart Farmers & Young DLG (German Agricultural Society)	Farmers of the group of Young DLG + Young Smart Farmers	Germany & Thailand

Plant Protection II				
Pesticide Application Status Quo and Outlook in Thailand	Mr. Pruetthichat Punyawattoe	Entomologist senior professional level	Plant Protection Research and Development Office, DOA	Thailand
Management of crop pests by smallholder farmers in Southeast Asia	Dr. Pepijn Schreinemachers	Lead Specialist – Impact Evaluation	World Vegetable Center	Thailand
Oz, the autonomous farming assistant	Mr. Julien Laffont	Strategy & Business Development Manager	Naio Technologies	France
Drones for crop stand evaluation	Mr. Wichai Opanukhul	Senior Agricultural Engineer Specialist	Agricultural Engineer Research Institute	Thailand
Biological and Pest Management	Ms. Saowanit Popoonsak	Senior Entomology Specialist, Plant Protection Research and Development Office	Plant Protection Research and Development Office, DOA	Thailand
Panel / Q&A	All speakers			

Water Management				
Management of the Chao Phraya River Basin	Mr. Santi Tem-lam	Director of Water Management Division	Royal Irrigation Department - Bureau of Water Management and Hydrology, MOAC	Thailand
Control of salinity in the Chao Praya River	Mr. Adisorn Champathong	Director Hydrology Division	Royal Irrigation Department - Bureau of Water Management and Hydrology, MOAC	Thailand
Smart Water Operation Center (SWOC)	Mr. Lerboon Udomsap	Director of Water Watch and Monitoring System for Warning Division	Royal Irrigation Department - Bureau of Water Management and Hydrology, MOAC	Thailand
Efficient irrigation is the key to success	Mr. Kosum Sonkulpakdee	Sales and Service Manager	Röhren- und Pumpenwerk Bauer Gesellschaft m.b.H.	Austria
Irrigation by using soil depletion factor in combination with plant growth moisture meter	Mr. Ratgon Suebkam	Agricultural Research Officer (Professional Level)	Department of Agriculture- Agricultural Production Science Development and Research Division, MOAC	Thailand
Powered by water	Mr. Patrick McConville	Business Development Director	Water Powered Technologies (WPT)	England

New Markets I - in crop production				
Experience from the success story of the soybean in Central Europe	Dr. Leo Rittler	Head of Research and Innovation	Donau Soja Association	Germany
Utilisation of straw in biogas	Mr. Rene Gavlishøj Mortensen	Chef for Biologisk Service	Danish Bio Commodities A/S / European Arable Farmers Club	Denmark
Solutions for global food waste and labor shortage	Dr. William T.H. Chang	CEO/Chairman	Lytone Enterprise, Inc.	Taiwan
Certification of Organic Products (title tbc)	Mr. Tom Nizet	Managing Director	Authend Ltd.	Belgium
Regenerative Coconuts Agriculture Project	Ms. Lisa Faust	Project Manager	GIZ Office Bangkok	Germany / Thailand
Biorefinery Pathways for starch-based products: Insights from a European Commission's Biorefinery Outlook to 2030 study	Mr. Martin Behrens	Senior Advisor EU & International Affairs	Fachagentur Nachwachsende Rohstoffe e.V. (FNR)	Germany

New Markets II - in protein production				
The Asian Food and Feed Insect industry: an update	Mr. Nathan Preteseille	Executive Committee Member	Asian Food and Feed Insect Association (AFFIA)	Thailand / France
Combined crop and fish production in closed circles (tbc)	Dr. Kanchanaree Pongchawee	Senior Expert on Aquaculture System technology	Inland Aquaculture Research and Development, Department of Fisheries, MOAC	Thailand
Algae production (tbc)	Ms. Montakan Tamtim	Director of Samutsakorn Coastal Aquaculture Research and Development Center	Coastal Aquaculture Research and Development Division, Department of Fisheries, MOAC	Thailand
Algae production (tbc)	Mr. Stefan Hindersin	Project Manager	SSC Strategic Science Consult GmbH	Germany

Vertical Farming				
Latest development in Vertical Farming	Ms. Christine Zimmermann-Loessl	Chairwoman and Co-Founder	Association for Vertical Farming	Germany
From idea to commercial growing	Mr. Ralph Becker	CEO and Founder	Urban Greens	Philippines
How can we use vertical farm for purposes other than vegetable production	Dr. Siritwat Sakhonwasee	Assistant Professor	Mae Jo University	Thailand
Pannel/ QA	All speakers			

Sugar Cane Production				
Sugar Cane Improvement in Thailand	Ms. Raweewan Chuekittisak	Agricultural Research Officer, Senior Professional Level	Khon Khean Field Crops Research Center , Field and Renewable Energy Crops Research Institute (FCRI), Department of Agriculture (DOA)	Thailand
Designs and Implementation of Controlled Traffic Farming For Sugarcane	Dr. Sirisak Choedkiatphon	Department of Agricultural Engineering, faculty of Engineering at Kamphaengsaen, Kasetsart University , Kamphaengsaen Campus	Thai Society of Sugarcane Technologists TSST	Thailand
Essential equipment for efficient sugarcane farming	Mr. Michael O'Connor	Director of Sales	Gessner Industries	Australia
Biomass waste baling with CLAAS machines: Show case of Sugarcane residue management in Thailand	Mr. Jens Striewe Dr. Ekapop	Regional Sales Manager East Asia and Product Specialist Asia. Entrepreneur and President	CLAAS 505 FarmTech	Germany / Thailand
Panel / Q&A	All speakers			

Cassava Production				
Cassava Production in Thailand: Status Quo & Outlook/Trends (tbc)	tbc	tbc	The Thai Tapioca Starch Association	Thailand
Mechanization in Cassava in Thailand (tbc)	Dr. Anuchit Chamsing	Senior Agricultural Engineering Specialist	Agricultural Engineering Research Institute	Thailand
Disease Free Cassava Planting Material Production in Cambodia – Status quo and Outlook	Mr. Torsten Münther	Economic Development Expert	GIZ Office Cambodia	Germany / Cambodia
Site-specific fertilizer management for sustainable cassava production	Ms. Somrutai Tancharoen	The Senior Professional Agricultural Research Office	Department of Agriculture- Agricultural Production Science Development and Research Division, MOAC	Thailand
Panel / Q&A	All speakers			

Maize Production				
Maize Production in Thailand: Status Quo & Outlook/Trends	tbc	tbc		
Maize operation from planting to post-harvest management	Dr. Ekapop Paimram	Entrepreneur and President	505 FarmTech Co.,Ltd / CLAAS	Thailand / Germany
Sustainable Commercial Maize Production and Circular economy	Mr. Benjamin Bootle	Managing Director	Agribusiness Asia Group Co.,Ltd	Thailand
Pannel/ QA				

Rice Production				
Conventional rice seeding technologies compared with APV precision direct seeding rice tecnology	Mag. Igor Dolinar	Key Account Manager	APV Technische Produkte GmbH	Austria
Lessons Learned from the Closing Rice Yield Gaps in Asia (CORIGAP) project in Thailand	Ms. Duangporn Vithoonjit	Senior Rice Researcher	Chainat Rice Research Center	Thailand
Automation on cereal storage	Mr. Iacopo Meghini	CEO	Metalmont s.r.l.	Italy
Increase of profit by paddy and rice management during storage	Dr. Claus M. Braunbeck	Sales Manager (Asia)	FrigorTec GmbH	Germany

Postharvest issues: Bringing technology and financing together	Mr. Tom de Bruin	Director	Green Postharvest Solutions (GPS)	Philippines
Training, traceability and certification	Mr. Peter Sprang	Value Chain Development Specialist	IRRI CIM	Philippines / Germany

Clusterfarm Future Conference				
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Policy of Thai Clusterfarms	Mr. Kemkaeng Yutidhammadamrong	Director General	Department of Agricultural Extension (DOAE)	Thailand
Concept of Thai Clusterfarms and Outlook	Mr. Khajorn Raoprasert	Deputy Director General	Department of Agricultural Extension (DOAE)	Thailand
Thai-German Clusterfarm Project	Mr. Karsten Ziebell	Team Leader	German Thai Clusterfarm Project	Thailand/Germany
German Machinery Rings – A Mechanization Model for Clusterfarms?	Mr. Andreas Hastedt	Director	German Association of Machinery Rings	Germany
Group counselling as an approach for clusterfarms	Mr. Erik Guttulsröd	Division Manager Operations Management and Sustainability	German Agricultural Society (DLG)	Germany
Pannel/ Q&A	All speakers		All	
Lessons learned Vietnam: Small Farmers, large fields.	Mr. Nguyen Van Hung	Scientist Mechanization and Postharvest	IRRI (Small Farms/ Big Fields)	Vietnam/ Philippines
Successfull marketing at Vegetable Clusterfarm	Manager Vegetable Clusterfarm	Clusterfarm Manager	Pilot ClusterFarm/ ClusterFarm	Thailand
Cooperation to improve Mechanization	Manager Rice Clusterfarm Sisaket	Clusterfarm Manager	Pilot ClusterFarm/ ClusterFarm	Thailand
Cassava Processing and Selling as a Group	Manager Cassava Clusterfarm	Clusterfarm Manager	Pilot ClusterFarm/ ClusterFarm	Thailand
Pannel/ Q&A	All speakers		All	

Farm Visit				
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latest update on 12.10.2021

