

## 12<sup>TH</sup> ANNUAL STARCH Value Chain ASIA

27 - 28 FEB 2024 / VIENTIANE, LAOS

ORGANISED BY



OFFICIAL SUPPORTING ORGANIZATION



SUPPORTED BY



LUNCHEON SPONSOR



COFFEE BREAK SPONSOR



EXHIBITOR



DAY 1 - 27 FEB 2024, TUESDAY

- |  |  |
|--|--|
| <p>08:00 Registration</p> <p>09:00 <b>Chairman's Welcome</b></p> <p>09:10 <b>Opening Speech</b><br/><i>Bounchan Kombounyasith, Director General - Dept of Agriculture, Ministry of Agriculture and Forestry</i></p> <p>09:30 <b>Keynote Speech</b><br/><i>Inpeng Samountry, President, Laos Cassava Association</i></p> <p>10:00 Discussion followed by Morning Reception<br/>Sponsored by:</p> <p style="text-align: center;"> LARSSON SWEDEN</p> <p>10:45 <b>Status, trends, and new market opportunities and partnerships in the starch value chain in LAO PDR for sustainable growth</b><br/><i>Alexandre Dahan, Chief of Party, Winrock International</i></p> <p>11:15 <b>Panel Discussion from Local Producers</b><br/>• Gaining access to international market<br/><i>Senior Representative, Laos Cassava Association</i></p> <p style="text-align: center;"><i>Luo Wei, Manager, KT Agricultural Development</i></p> <p style="text-align: center;"><i>Naphaphone Vongchiengkham, President, Sky Vision</i></p> <p style="text-align: center;"><i>Kone Phongpaserd, Project Manager, AIDC Laos</i></p> <p>11:40 <b>Now, New, Next: securing the future of the smallholder cassava sector through ongoing innovation and partnerships</b><br/><i>Dr. Jonathan Newby, Research Economist, CIAT-in-Asia / CGIAR Research Center</i></p> | <p>12:10 <b>Thai Wah sustainable agricultural model</b><br/><i>Hataikan Kamolsirisakul, Group Chief of Staff and AVP, Thai Wah Public Company</i></p> <p>12:40 Discussion followed by Lunch Sponsored by:</p> <p style="text-align: center;"> THAI WAH PUBLIC COMPANY LIMITED</p> <p>14:00 <b>Opportunities for scaling AgTech from farmers to factories in SE Asia</b><br/><i>William Sparks, Country Director, Winrock International</i></p> <p>14:40 <b>Making life better for cassava growers in Thailand</b><br/><i>Dr. Tin Maung Aye, Senior Expert Agricultural Technology, Ingredion</i></p> <p>15:10 <b>Development of waxy and high-amylose cassava for industrial applications</b><br/><i>Prof. Dr. Peng Zhang, Principle Investigator, Center for Excellence in Molecular Plant Sciences, Chinese Academy of Sciences</i></p> <p>15:40 Discussion followed by Tea Break</p> <p>16:20 <b>Bioplastics &amp; starch market outlook</b><br/><i>Simon Bentley, Managing Director, Commoditia</i></p> <p>16:50 <b>China's corn market &amp; bioethanol policy - implications for regional starch markets</b><br/><i>Even R. Pay, Director, Trivium China</i></p> <p>17:20 Final Discussion</p> <p>17:30 End of Day One</p> |
|--|--|

### DAY 2 - 28 FEB 2024, WEDNESDAY

- 09:00 **Chairman's Introduction**
- 09:10 **Slowly digestible starches**  
*Dr. May Wee, Food R&D Lead Scientist, Roquette Asia Pacific Innovation Center*
- 09:40 **Application of pea starch in confectionery**  
*Andre Heilemann, Director R&D, Emsland-Stärke*
- 10:00 **Innovative biodegradable composite foams from starch extracted from pineapple stems**  
*Dr. Kheng Lim Goh, Director - Research, Newcastle University International Singapore*
- 10:20 Discussion followed by Morning Reception
- 10:50 **Banana starch/ flour as a potential feed ingredient**  
*Megan Edwards, Owner, Integral Nutrition*
- 11:20 **Biogas in the starch sector, successes and failures and where we go next**  
*Dr. Stephen P Etheridge, CEO & Joint Managing Director, Biotrix Asia Company*
- 11:50 **Polyphenols modified starches & their applications in the food industry**  
*Dr. Naphatrapi Luangsakul, Dean of School of Food Ind, King Mongkut's Institute of Technology Ladkrabang*
- 12:15 Final Discussion. End of Morning Session. Followed by Lunch.

28 February 2024, Wednesday (14:00 - 17:00 hrs.)

#### AgTech Innovation Symposium

Meet entrepreneurs and companies through three highly interactive sessions

- 1. MunBot (an AI-app to help farmers detect plant disease through a photo)**  
*Dr. Sujin Patarapuwadol, MunBot*

- 2. A quick and user-friendly strip test for Sri Lankan cassava mosaic virus with practical application in disease management and control**  
*Dr. Oraprapai Gajanandana, Principal Researcher, National Center for Genetic Engineering & Biotechnology (BIOTEC)*
- 3. High-Throughput SLCMV-ELISA Test Kit: A Practical and Affordable Tool for Cassava Mosaic Disease Surveillance and Management**  
*Dr. Saengsoon Charoenvilaisiri, Researcher, National Center for Genetic Engineering & Biotechnology (BIOTEC)*
- 4. Beauveria for management of whitefly and other insects**  
*Dr. Alongkorn Amnuaykanjanasin, Principal Researcher, National Center for Genetic Engineering & Biotechnology (BIOTEC)*
- 5. Tissue and bioreactor system for mass production of disease-free cassava**  
*Dr. Yeetoh Dabbhadatta, Researcher, National Center for Genetic Engineering & Biotechnology (BIOTEC)*
- 6. Revolutionizing Cassava Starch Industry with Eco-Efficiency Platform and Technology Transfer Package**  
*Dr. Kanchana Saengchan, National Center for Genetic Engineering & Biotechnology (BIOTEC)*
- 7. Boosting Biogas Profits in Cassava Starch Factory with a Cutting-edge Training Curriculum**  
*Dr. Tarworn Ruttithiwapanich, Researcher, National Center for Genetic Engineering & Biotechnology (BIOTEC)*

#### AgTech Pitches

Short presentations by entrepreneurs & companies to quickly explain the challenge and solution. Audience engages with interactive question screen: post questions in real time directly from mobile phone, vote up questions from other participants, and respond to answers both during and after the presentations.

#### Speed Dating

Meet directly with entrepreneurs and companies to discuss innovations and to identify potential collaborations. Timed rounds ensure that participants have access to many innovations and great conversations.

#### Opportunities

Interactive session for participants to identify the most critical opportunities for achieving collective goals of the starch value chain. Small group discussions will be facilitated to lead to overall recommendations.

#### ORGANISED BY



#### OFFICIAL SUPPORTING ORGANIZATION



#### SUPPORTED BY



#### LUNCHEON SPONSOR



#### COFFEE BREAK SPONSOR



#### EXHIBITOR



12<sup>TH</sup> ANNUAL  
**STARCH**  
Value Chain **ASIA**

27 - 28 FEB 2024 / VIENTIANE, LAOS

ORGANISED BY



OFFICIAL SUPPORTING ORGANIZATION



SUPPORTED BY



LUNCHEON SPONSOR



COFFEE BREAK SPONSOR



EXHIBITOR



**National Agriculture and Forestry Research Institute**

The National Agriculture and Forestry Research Institute of Laos is mandated to undertake integrated agriculture, forestry and fisheries research in order to provide technical information, norms and results which help to formulate strategy in accordance with the government policies. NAFRI belongs to the Ministry of Agriculture and Forestry (MAF) and is equal in status to other technical departments under MAF.



- 09:00 Assemble at Crowne Plaza Hotel Lobby
- 09:15 Depart
- 10:15 Arrive National Agriculture and Forestry Research Institute  
Brief introduction by *Jonathan Newby* on the tour. You will be visiting Cassava tissue culture; molecular lab and disease screening; seed system and rapid multiplication; CMD resistance yield trials;
- 12:00 Finish tour. Adjourn for Lunch

**KT Agricultural Development Tapioca Processing Factory**

KT Agricultural Development Co., Ltd has operated its Tapioca factory in Laos since 2021 with an aim to export the high-quality starch to China Mainland and Thailand. The factory has three sets of machinery that have a starch production capacity of 80,000 – 100,000 tons per year. The company selected the factory location in the middle of tapioca plantation and close to the Lao-China railway station which enables the transportation of their starch products, to Southern China and Eastern Thailand more convenient, faster, and cheaper.



- 13:30 Visit KT Agricultural Devt Tapioca processing factory  
Tour for 1 hour
- 14:30 Finish tour
- 15:00 Return to Crowne Plaza Hotel

## 12<sup>TH</sup> ANNUAL STARCH Value Chain ASIA

27 - 28 FEB 2024 / VIENTIANE, LAOS

ORGANISED BY



OFFICIAL SUPPORTING ORGANIZATION



SUPPORTED BY



LUNCHEON SPONSOR



COFFEE BREAK SPONSOR



EXHIBITOR



### Key highlights:

- Collaborative partnerships, innovations in sustainable agriculture that can propel continuous growth in Asia's cassava industry – hear from **Thai Wah** and **Ingredient**
- Opportunities for scaling up agritech innovation from farmers to factories
- Status, trends and new market opportunities in starch value chain in Laos
- Securing the future of the smallholder cassava sector
- Bioplastics & Asia starch market outlook
- China's corn market & bioethanol policy - implications for regional starch markets
- Innovations in slowly digestible starches

Innovations in slowly digestible starches can drive the development of healthier food options for consumers. Here from food experts in **Roquette** as she shares more on the advancements in the field of low GI and slowly digestible carbohydrates.

- Innovative biodegradable composite foams from starch extracted from pineapple stems
- Banana starch/ flour as a potential feed ingredient
- Biogas in the starch sector, successes and failures and where we go next
- Developments in Low Gi Products
- Development of waxy and high-amylose cassava for industrial applications

Sign up now with [hafizah@cmtsp.com.sg](mailto:hafizah@cmtsp.com.sg)

### FEES

Fees (per person)	US\$
<b>IN-PERSON</b>	
1-2 delegates	1495
3 or more delegates	1395
<b>ADD-ONS</b>	
Site Visits (29 February 2024)	195
Video Recording	295
<b>VIRTUAL</b>	
Per Login	1395

### Be a Sponsor or Exhibitor!

This event is an excellent platform to promote your organization to influential players and investors in the industry. Sponsorship opportunities available include Corporate, Exclusive luncheon & Cocktail sponsor.

Contact [cynthia@cmtsp.com.sg](mailto:cynthia@cmtsp.com.sg) for more information. Exhibition / catalogue display can be arranged upon request.

VIEW ONLINE

