2ND ANNUAL REGIONAL WORKSHOP ON
Conservation Agriculture & Sustainable Intensification

AN INFORMATION PACK

28-29 September 2021
Virtual Webinar | 14:00-17:00 GMT+7

SCAN TO VISIT
www.cascambodia.net
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Welcome Letter from H.E. Om Kimsir

Dear Participants,

On behalf of the Ministry of Agriculture Forestry and Fisheries, Cambodia and Conservation Agriculture and Sustainable Intensification Consortium (CASIC), I would like to take this opportunity to welcome you to CASIC’s 2nd Annual Regional Workshop.

As many of you are well aware, creating a market requires collective effort. However, bringing in all relevant market actors together in order to initiate that collective effort was challenging due to communication gap, lack of access to CA resources and government policies that were not necessarily catered towards commercialization of CA etc. Therefore, a consortium such as CASIC was established in order to kick start this collective effort and address the pertinent issues to make CA more accessible to farmers. CASIC is an initiative of the Ministry of Agriculture Forestry and Fisheries, Cambodia, under the leadership of His Excellency Minister Veng Sakhon.

Today’s workshop is the second, in the planned series of the annual regional trainings hosted by General Directorate of Agriculture (GDA) in collaboration with the Centre for Sustainable Agriculture Mechanisation (CSAM). The first regional training was held back in May of 2019. The recommendation and feedbacks from the first regional training laid the foundation for this workshop. I am also proud to announce that the outcomes of this second workshop will also be featured in the upcoming *Agro-ecological and safe food transitions for a green and healthy COVID-19 recovery in the ASEAN region*, workshop to be held in October 2021, organized by Agroecological and Safe food System Transitions (ASSET) project.

I would also like to take this opportunity to thank our collaboration partners: Center of Excellence for Sustainable Agricultural Intensification and Nutrition (CE SAIN) at the Royal University of Agriculture (RUA), the Centre for Sustainable Agricultural Mechanization of the United Nations Economic and Social Commission for Asia and the Pacific (CSAM-ESCAP), Agroecology in Southeast Asia (ASEA), the Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) and Swisscontact.

Last but not the least, my heartiest thank you to all the participants for joining us today. I hope you find this workshop informative, and you are able to learn, take away important lessons and contribute to CA/SI transitions not only in your countries, but also join hands to make regional and global impact.

H.E. Om Kimsir

*Secretary of State and Chair of CASIC Steering Committee*

*Ministry of Agriculture, Forestry and Fisheries*
Invitation Letter from H.E. Chan Saruth

Kingdom of Cambodia
Nation Religion King

Ministry of Agriculture, Forestry and Fisheries
Cambodia Conservation Agriculture Sustainable Intensification Consortium (CASIC)

Phnom Penh, Dated.........September 2021

Subject: Invitation to the CASIC’s 2nd Annual Regional Workshop with a focus on development of and transition towards Conservation Agriculture and Sustainable Agriculture (CA/SA) and Agroecology (AE) in the region

Dear Participants,

On behalf of the Organizing Committee, I have the pleasure and honour to invite you to the CASIC’s 2nd Annual Regional Workshop which will be conducted on 28-29 September 2021 from 2:00pm to 5:00pm. The workshop, with the focus on development of and transition towards Conservation Agriculture and Sustainable Agriculture (CA/SA) and Agroecology (AE) in the region, is jointly being organised by General Directorate of Agriculture (GDA) of the Ministry of Agriculture, Forestry and Fisheries (MAFF), Cambodia, Center of Excellence for Sustainable Agricultural Intensification and Nutrition (CE SAIN) at the Royal University of Agriculture (RUA), and the Centre for Sustainable Agricultural Mechanization of the United Nations Economic and Social Commission for Asia and the Pacific (CSAM-ESCAP), Agroecology in Southeast Asia (ASEA) the Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) and Swisscontact.

The objective of the workshop is to provide updates on country policies that promote agroecology, to present new prototypes that are ready for commercial application, to share the recent success, scale, and commercialization story(s), to identify new challenges and opportunities through stakeholder consultations, and to discussion on any regional efforts needed to promote CA/SA and AE in the region.

Due to the travel restrictions and other logistical challenges posed by COVID-19, the workshop will be conducted virtually. It is envisaged that the 2-day workshop will be attended by over 50 participants from 10 countries from the region. The outcomes of this workshop will also feed into another workshop on Agroecological and safe food transitions for a green and healthy COVID-19 recovery in the ASEAN region that will be organized by Agroecological and Safe food System Transitions (ASSET) project in October 2021.

Please feel free to be in touch with Vathana Chamroeun, member of the Coordination team for the event (vathana.chamroeun@swisscontact.org; Tel: +855 95 945 985) for further information and arrangements.

I look forward to your participation in this CASIC’s 2nd Annual Regional Workshop.

Sincerely yours,

CHAN Saruth
CASIC Executive Board Chair
1. About CASIC

1.1 History of CA/SI and CASIC in Cambodia

The development of CA in Cambodia has been benefited from the technical and financial support from various development projects and programs with particular institutional support and commitment from the RGC through the MAFF since the commencement of the design and testing of CA-based cropping in different agroecological systems in Cambodia in 2004 (referring to the project documents and Kong et al, 2020). With reference to the indicative timeline of CA development and the transition phases timeline, presented below, the first CA-related research activities in Cambodia started in 2004, with service provision being offered in 2013 through the various projects and government support. The private sector enters the CA domain in 2018 and in 2021, we see CA being discussed as part of policy dialogues and extension mechanisms.

In 2004 CA related research activities were being discussed as part of the Crop Diversification and Smallholder Rubber Development Project (SRDP) Phase 2, funded by the French Agency for Development (AFD) and implemented by the General Directorate of Rubber of MAFF in partnership with the French Agricultural Research Centre for International Development (CIRAD). Since then, Cambodia has capacitated necessary human resources with CA technical knowledge and experiences through the experiments and testing of cropping systems of upland annual crops as well as the development of a cover crop genetic bank leading to the start of crop genetic conservation in Bos Khnor commune, Chamkar Leu district, Kampong Cham province.

Figure 1 CA Transition Phases Timeline
From 2008, CA was implemented by the General Directorate of Agriculture (GDA) under the AFD-funded 5-year PADAC project (Projet d’Amélioration de l’Agriculture Cambodgienne) with technical support from CIRAD. The main target areas were in Kampong Cham and Battambang provinces with focus on design, promotion and assessment of CA-based cropping systems for annual crop production in both upland and lowland areas. In addition, some other activities were also implemented in Battambang under the Sustainable Agricultural and Natural Resources Management - Collaborative Research Support Program (SANREM-CSRP) funded by United States Agency for International Development (USAID) in 2010-2014 under the partnership between Department of Agricultural Land Resources Management (DALRM) of GDA, CIRAD and North Carolina Agriculture and Technology State University (NC A&T). In 2009, long-term experiments have been implemented and research studies on soil organic C initiated at the Bos Khnor Station under the Multi-country Agroecology Action Program (PAMPA) funded by AFD.

Following the assessment of institutional arrangement at the end of PADAC project, the Conservation Agriculture Service Center (CASC) was established in 2014 as a unit of DALRM and with the support of CIRAD. In 2016, GDA provided to DALRM an area of 14.5 hectares located in Chamkar Leu Upland Crop Seed Production Station in Chamkar Leu district, Kampong Cham province. This parcel of land, widely known as Bos Khnor Conservation Agriculture Research Station since 2016, has been used for CA-related research, training and the maintenance of a genetic bank of staple and cover crops that is unique in Cambodia. Since 2014, CASC has extended its CA-related services (including no-till planters) to rice, maize and casava farmers in Battambang province.

In 2016, the Sustainable Intensification Innovation Lab (SIIL) funded by USAID and coordinated by Kansas State University (KSU), supported the cooperation between different projects (Appropriate-scale Mechanization Consortium – ASMC, and Women in Agriculture Network – WAgN) and contributed to the establishment of the Center of Excellence for Sustainable Agricultural Intensification and Nutrition (CE SAIN) at the Royal

### Figure 2: Indicative Timeline of CA/SI development in Cambodia

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2008</td>
<td>CA was implemented by GDA under the 5-year PADAC project (Projet d’Amélioration de l’Agriculture Cambodgienne) with technical support from CIRAD. The main target areas were in Kampong Cham and Battambang provinces with focus on design, promotion and assessment of CA-based cropping systems for annual crop production in both upland and lowland areas.</td>
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<tr>
<td>2014</td>
<td>PADAC converted to CASC (integrated under DALRM and provided with 14.5 ha land in Bos Khnor)</td>
</tr>
<tr>
<td>2016</td>
<td>CASC officially launched in May 2020</td>
</tr>
<tr>
<td>2018</td>
<td>CASIC, ASMC, WAgN &amp; CE SAIN, emphasizing CA/SI</td>
</tr>
<tr>
<td>2020</td>
<td>CASIC, CSAM (UN ESCAP) - regional trainings in 2018 &amp; 2019</td>
</tr>
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### CA-based production systems first designed and tested and cover crop preservation at Bos Khnor.

### Regional Workshop, Information Pack

- SROP (2004-2008, AFD)
- CA-based production systems first designed and tested and cover crop preservation at Bos Khnor.
- PADAC (2008-2012, AFD)
- PAMPA (Bos Khnor, AFD) - first study on soil organic C
- SANREM-CSRP (2010-2014, USAID)
- PADAC converted to CASC (integrated under DALRM and provided with 14.5 ha land in Bos Khnor)
- SIIL-USDAID (ASMC, WAgN & CE SAIN), emphasizing CA/SI
- CE SAIN established (KSU, SIIL)
- ACTAE (2016-2019, AFD)
- EISOFUN (2016-2019, UNCCD/CICA)
- CSAM (UN ESCAP) - regional trainings in 2018 & 2019
- CASF (2018-2021, USAID)
- MIGIP (since 2017)
- CASIC initiated
- CASIC officially launched in May 2020
- WAT4CAM (2020-2024, AFD & EU)
- ASSET (2020-2025, AFD & EU)

### Figure 2: Indicative Timeline of CA/SI development in Cambodia
University of Agriculture (RUA), aiming at extending CA and SI in different agroecosystems of the country.

Established in July 2016, CE SAIN aims to improve food and nutritional security in Cambodia by supporting agricultural research and education and promoting innovation. It works closely with RUA to improve skills and knowledge of public sector agricultural workers and to foster growth in the private sector. CE SAIN also provides coordination support to the Feed the Future Innovation Labs, USAID/Cambodia’s implementing partners, and other government, donor, and private sector programs. CE SAIN established five Technology Parks including the support to the Bos Khnor Station.

ASMC with the support of the USAID under the Feed the Future program was initiated in 2016 on a research study on design and development of machinery prototype seed planters for farmers, under the management of RUA in partnership with Department of Agricultural Engineering (DAEng), DALRM/CASC and CIRAD. The overall objective of the project is to intensify smallholder farmers’ cropping systems and on-farm operations through mechanization in a sustainable manner.

On the other hand, WAgN Cambodia project aims to empower women and improve nutrition by promoting women’s participation in SI-based horticulture and rice value chains. To achieve this end, the project targets to improve socioeconomic and nutritional status of women and their families, and to identify and strengthen existing and potential SI technologies, practices and policies that promote production of nutritious and marketable food while protecting agroecological resources.

In addition, other projects contributing to CA and agroecology promotion in Cambodia included Towards Agroecological Transition in South-East Asia (ACTAE) funded by AFD in 2015-2018 and Ecological Intensification and Soil Ecosystem Functioning (EISOFUN) under United Nations Convention to Combat Desertification (UNCCD) and Cambodia Climate Change Alliance (CCCA) in 2016-2018.

Apart from these initiatives and projects, the Centre for Sustainable Agricultural Mechanization (CSAM), a regional institution of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), in partnership with GDA and other partners, organized an Asia and Pacific regional workshop in 2018 and another regional training in 2019 on topics related to mechanization in CA. The regional trainings in 2019 which gathered over 37 participants from 18 countries in the Asia-Pacific region and initiated the identification of needs for future trainings to be offered by DALRM/CASC and its partners taking advantage of the long history of Bos Khnor Station.
Over the course of CA & SI and agroecological development towards a sustainable outlook, it is crucial to engage private sector actors along the agriculture value chains in providing technologies, inputs, operation know-how and access to finance in order to support the transition process of farmers in addition to the services already offered by DALRM/CASC. Therefore, Conservation Agriculture Services with a Fee (CASF) funded by USAID and implemented by CE SAIN in partnership with DAEng, DALRM/CASC, CIRAD and Swisscontact in 2018-2021, together with Mekong Inclusive Growth and Innovation Program (MIGIP) funded by Swiss Agency for Development and Cooperation (SDC) and implemented by Swisscontact since 2017, have facilitated the engagement of private sector and contributed to the commercialization of CA-related machinery and cover crop seed production.

Furthermore, Water Resources Management and Agro-ecological Transition for Cambodia (WAT4CAM) is a four-year (2020-2024) project funded by AFD and EU, aiming to upgrade irrigation infrastructure and to support innovative, climate-friendly farming in five provinces. One of its four component focuses on innovative farming practices and rice value chain, which is managed by MAFF and GDA. Under this agriculture component, one sub-component focuses on Research for Development (R4D) on agroecology, led by CIRAD. The R4D sub-component aims to explore new methods of interventions and cropping systems that match with the principles of agroecology for irrigated rice.

Most importantly, CA and SI relevant projects and programs stakeholders discussed and initiated in 2018 the establishment of Cambodia Conservation Agriculture and Sustainable Intensification Consortium (CASIC) which was endorsed by the Minister of MAFF and officially launched in mid-2020. Detailed profile and structure of CASIC will be presented in Section 4.

At the regional level, Cambodia has been active in a number of regional platforms and initiatives including Agroecology for Southeast Asia (ASEA), CSAM of United Nations ESCAP, and Agroecology Learning alliance in Southeast Asia (ALISEA). Most recently, the European Union (EU) and AFD have
funded the Agroecology and Safe food System Transitions (ASSET) in four Southeast Asian countries including Cambodia, Laos, Myanmar and Vietnam in 2020-2025. ASSET is a project co-implemented by GRET and CIRAD under the partnership with a number of local organizations, including, in Cambodia, Institute of Technology of Cambodia (ITC), DALRM of GDA/MAFF, Swisscontact, UNI4Coop, and CIRAD. The main objective of ASSET is to “harness the potential of agroecology in Southeast Asia to transform food and agricultural systems into more sustainable systems, notably safer and inclusive” (ASSET project information).
1.2 CASIC Formation

The establishment of the Cambodia Conservation Agriculture and Sustainable Intensification Consortium (CASIC) was initiated in August 2018 by a group of organizations sharing common interest in CA & SI and agroecology based on the understanding that collective effort is needed in order to turn CA & SI and agroecological practices into commercial ventures and to be rooted into the policy agenda. These two objectives are complementary to the existing efforts of cropping system design, soil fertility assessment, and agriculture engineering, and goes beyond the domain of RGC and development practitioners. As a result, CASIC establishment is sufficiently justified to take a lead role in bringing together all relevant stakeholders including public sector, private sector (seed producers/suppliers, machinery manufacturers/distributers, financial institutions, etc.), farmers, agriculture cooperatives, research organizations, and academic institutions.

This important role of CASIC will help create a platform for the network of organizations that have interest in CA & SI and agroecology to come together. This will help address the issues of duplication of activities, improve communication between stakeholders, promote awareness of CA & SI and agroecological practices and access to necessary supporting resources, which will ultimately help farmers to speed up their technology uptake. Since then, the initiative was discussed and the processes were planned, leading to the official endorsement of CASIC by MAFF’s Decision No. 201.SSR.KSK, dated 21 May 2020, and its official launch in June 2020.

Download: Decision Letter of the Establishment of CASIC

The vision of CASIC is to become a platform for promoting conservation agriculture and sustainable intensification towards agroecological transition in Cambodia and Southeast Asia. The mission of CASIC is to coordinate and support research for development; invest into knowledge management; create an enabling environment for policy dialogues and public-private partnerships; value creation; and explore market opportunities and enhance collaboration between various stakeholders in conservation agriculture, sustainable intensification, and agroecology.

CASIC is governed by a Steering Committee chaired by MAFF with members from Ministry of Interior (MoI), Ministry of Environment (MoE), Ministry of Women’s Affairs (MoWA), Ministry of Water Resources and Meteorology (MoWRAM), and Cambodia Chamber of Commerce (CCC) and led by an Executive Board chaired by MAFF and consisting of representatives from the Royal University of Agriculture (RUA) and the General Directorate of Agriculture (GDA) as the vice chairs, and members from the Department of Agricultural Engineering (DAEng), the Department of Agricultural Land Resources Management (DALRM), the Cambodian Agricultural Research and Development Institute (CARDI), the Department of Extension for Agriculture, Forestry and Fisheries (DEAFF), Swisscontact and CIRAD.

Watch: Introduction to Cambodia Conservation Agriculture and Sustainable Intensification Consortium (CASIC)
https://youtu.be/eNx8OOkOPt0
1.3 CASIC Brief Progress

After the endorsement of CASIC in 2020, the immediate objective of the consortium was to align the understanding and expectations of the Steering Committee and the Executive Board with regards to the history of CA/SI in the country and the next steps that would follow through the consortium. CASIC then developed a workplan and carried out a series of activities and as a result, 90% of the objectives targeted in the CASIC’s 2020 Workplan were completed. Despite the Covid19 situation in the country, CASIC was able to host a field visit for private sector members of Cambodia Chamber of Commerce, an institute members of CASIC Steering Committee, to Bos Khnor research station. CASIC also held regular coordination and update meetings with its member on the progress of the workplan. Meetings with the Executive Board on a monthly basis and with the Steering Committee every semester was also conducted, in order to keep them informed on the progress of the initiative.

During this time, CASIC also developed its official website (www.casiccambodia.net) and a Facebook page, CASIC Cambodia (www.facebook.com/CASICCambodia), and commenced on the development of the consortium’s 5 years roadmap. Furthermore, CASIC also signed three Memorandum of Agreements with CE SAIN, Swisscontact (through MIGIP) and CIRAD to secure funding for 2021. In December of 2020, CASIC was able to host a bilateral meeting with HE. Veng Sakhon, Minister of the Ministry of Agriculture Forestry and Fisheries, Cambodia, to discuss the progress of CA/SI and CASIC activities.
In 2021, CASIC continued to follow through with its workplan despite the challenges posed by the ongoing pandemic. One of the biggest accomplishments was the completion of CASIC 5-year Roadmap, which is now approved by H.E. Vang Sakhon, Minister of the Ministry of Agriculture Forestry and Fisheries, Cambodia (MAFF). CASIC is formally established with a proper secretariat at MAFF and the four sub-committees have also commenced their work. The consortium is also organizing meetings to invite new members and continues to provide quarterly progress report to the Executive Board. As next steps, CASIC is developing an e-monitoring tool called the eMON Dashboard, which will enable the members to provide progress updates remotely. The data from the progress updates will be visualized in the form of a dashboard which can then be monitored by the Executive Board on a regular basis. CASIC is also planning on developing a quarterly newsletter to update the members and other stakeholders on the progress of CA/SI in Cambodia.
1.4 Brief Overview of the CASIC Roadmap

To guide the coordination of priorities in CA and SI development and the operation of CASIC, a roadmap for the years 2022-2026 was initiated and developed under the technical and financial support from Swisscontact and Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD).

The key relevant policies of the Royal Government of Cambodia (RGC), CASIC’s vision and mission, and SWOT analysis shape the strategic direction and priorities of the 5-year roadmap of CASIC. As a result, the overall objective of CASIC for the period of 2022-2026 is to strengthen coordination and support stakeholders in order to promote conservation agriculture and sustainable intensification in Cambodia towards agricultural modernization and agroecological transition.

With this overall objective, CASIC, through the implementation of the activities by its sub-committee members, intends to achieve the following milestones by 2025:

1. Broader coverage of CA & SI and agroecology awareness, education and extension efforts reaching out to farmers and relevant stakeholders.
2. Increased agricultural land area under full or partial CA & SI and agroecology practices.
3. Agricultural land zoning priority for CA & SI and agroecology application identified; and
4. CA & SI and agroecology integration into the RGC policy agenda (including national and sub-national policies, strategies and plans) further strengthened.

To achieve this overall objective, CASIC defines three main strategic objectives, which are interrelated and mutually supportive.

1. To strengthen CASIC and coordinate relevant stakeholders: aims to strengthen CASIC and its members, to support the activities of the sub-committees, to foster policy dialogues for greater CA & SI and agroecology integration/uptake by policy makers, to deepen regional collaboration, and to ensure financial sustainability.
2. To enhance knowledge and research on CA & SI and agroecology: aims to enhance knowledge management and R4D on innovative CA & SI and Agroecology related technologies and innovations for easy access and adaptation by relevant stakeholders. In addition, each of sub-committee will be strengthen in order to mobilize members and partners to join CASIC.
3. To improve and scale up CA & SI and agroecology services: intends to improve the services pertinent to CA & SI and agroecology through an extension model, awareness raising among relevant stakeholders, and investment from private sector to support and speed up the transitional processes of farmers.

The Executive Board of CASIC is supported by a Secretariat, which assists and supports the overall operation of CASIC and internal coordination across four sub-committees, namely (1) Knowledge Management, (2) Coordination and Networking, (3) Promotion, and (4) Research for Development (R4D). Each of the sub-committees is led by different government institutions and co-led/supported by either a private sector or development organization. Each sub-committee has specific roles and responsibilities (as outlined below). CASIC serves and supports the members of its sub-committees and does not implement any activities under the functions and authorities of its members.
Sub-committee on Knowledge Management, led by CE SAIN/RUA, is responsible for developing a repository of all relevant data, information, and knowledge regarding CA & SI and agroecology, as well as a one-stop center for relevant stakeholders to access to such repository.

Sub-committee on Coordination and Networking, led by DAEng with support from Swisscontact, is responsible for identifying and connecting CA & SI and agroecology related stakeholders and market actors to pool together all available resources which will further strengthen CA & SI and agroecological development.

Sub-committee on Promotion, led by DEAFF with support from Swisscontact, is responsible for activities that will support research, trainings, and CA & SI and agroecology related practical support at the local communities.

Sub-committee on Research for Development (R4D), co-led by DALRM and CARDI with support from CIRAD, is responsible for bringing together several research organizations active in the field of CA & SI and agroecology to identify research priorities (cropping systems, cover crops, mechanization, and water management), to improve the visibility of scientific knowledge and to bring science-based evidence to support policy dialogue (MAFF, MoE and NCSD) and engagement of private sector, and to support the improvement of infrastructures and resources at Bos Khnor.

In addition, the Executive Board also receives support from the Technical Reference and Support Unit, which will consist of a number of experts and professionals from various organizations. Some of the organizations that will be asked to part of the Unit include CIRAD, Swisscontact, European Conservation Agriculture Federation (ECAF), US CA Association, International Maize and Wheat Improvement Center (CIMMYT), FAO, UN CSAM, China Institute for Conservation Tillage (CICT), etc. On the other hand, CASIC keeps liaising with key Development Partners including AFD, USAID, SDC, EU, FAO, and Australian Centre for International Agricultural Research (ACIAR), etc., who have been active in supporting CA & SI and agroecological development in Cambodia and the region.

You can download a digital copy of CASIC Roadmap directly from:

ROADMAP OF CAMBODIA CONSERVATION AGRICULTURE AND SUSTAINABLE INTENSIFICATION CONSORTIUM (CASIC) | 2022 – 2026
2. About the CASIC Regional workshop

2.1. Brief Recap of 2019 training

The Regional Training on Appropriate Scale Mechanization for Conservation Agriculture held in 2019 in Siem Reap and Bos Khnor aimed to understand the mechanization aspect for conservation agriculture, understand the importance of market systems analysis and the engagement with the private sector along with policy issues favoring appropriate-scale mechanization for conservation agriculture and to identify needs for future training that could be offered by the Bos Khnor Research Station.

The training was attended by over 37 participants from 17 countries including Azerbaijan, Bangladesh, Cambodia, China, France, India, Laos, Malaysia, Mongolia, Nepal, Pakistan, Philippines, South Korea, Russia, Sri Lanka, Thailand and Vietnam. Seventeen national and international trainers, all experts in their field, facilitated the training sessions regarding conservation agriculture for the 4-day training sessions. During the 4 days training, the participants greatly benefitted from 17 presentations from different trainers and two demonstration sessions at Bos Khnor research station.

The training aimed to understand the mechanization aspect for conservation agriculture, understand the importance of market systems analysis and the engagement with the private sector, the policy issues favoring appropriate-scale mechanization for conservation agriculture and to identify needs for future training that can be offered by the Bos Khnor Research Station.

2.2. Concept of the CASIC 2nd Regional Workshop

Following the success of the workshop in 2019, a suggestion was made, moving forward, that CASIC would organize an annual regional workshops series with a focus on development of and transition towards Conservation Agriculture and Sustainable Agriculture (CA/SI) and Agroecology (AE) in the region. In order to contribute to the increasing regional and international interest in the topic, the 2nd annual regional workshop is jointly organized by the General Directorate of Agriculture (GDA) of the Ministry of Agriculture, Forestry and Fisheries (MAFF), Cambodia, Center of Excellence for Sustainable Agricultural Intensification and Nutrition (CE SAIN) at the Royal University of Agriculture (RUA) and the Centre for Sustainable Agricultural Mechanization of the United Nations Economic and Social Commission for Asia and the Pacific (CSAM-ESCAP), Agroecology in Southeast Asia (ASEA) the Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) and Swisscontact.

Due to the travel restrictions and other logistical challenges posed by COVID-19, the CASIC 2nd Annual Regional Workshop will be conducted virtually. The feedback provided by the participants from the 2019 Regional workshop has been incorporated into the sessions, thus supporting the idea of organizing the regional workshop in the form of an annual workshop series of CASIC. The outcomes of this workshop will also feed into another workshop on “Agro-ecological and Safe Food Transition for a Green and Healthy COVID-19 Recovery” in the ASEAN region that will be organized by Agroecological and Safe food System Transitions (ASSET) project along with UNESCAP and the ASEAN secretariat in November 2021.
3. Workshop Objective

The objective of the CASIC’s 2nd Annual Regional Workshop is to:

- Provide updates on country policies that promote agroecology
- Provide lessons learnt on broad scale adoption of CA/SI
- Present success, scale, and commercialization story(s)
- Identify new challenges and opportunities
- Discussion on any regional efforts needed
4. Workshop Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Description</th>
<th>OIC/Facilitator</th>
</tr>
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<tbody>
<tr>
<td>1:45 – 2:00</td>
<td></td>
<td><strong>Zoom open to participants</strong></td>
<td>Ms. Vathana Chamroeun</td>
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<tr>
<td>2:00 – 2:30</td>
<td>Opening Session</td>
<td>◆ Welcome Remark by <strong>Mr. Ho Puthea</strong>, Vice Chair of CASIC EB</td>
<td>Mr. Rajiv Pradhan</td>
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<td>2:00 – 2:30</td>
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<td>◆ Keynote Remark by <strong>Dr. Li Yutong</strong>, Head of UN CSAM</td>
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<td>2:00 – 2:30</td>
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<td>◆ Opening Remark by <strong>HE. Dr. Chan Saruth</strong>, MAFF Under Secretary of State and Chair of CASIC EB</td>
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<td>2:30 – 3:30</td>
<td><strong>Session 1</strong>: CA/SI Status in Asia:</td>
<td>◆ <strong>Cambodia Update</strong>: <strong>Dr. Seng Vang</strong>, Director of Department of Agriculture Land Resources Management</td>
<td>Mr. Anshuman Varma</td>
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<td>2:30 – 3:30</td>
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<td>◆ <strong>China Update</strong>: <strong>Dr. Li Hongwen</strong>, Director of Conservation Tillage Research Center</td>
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<td>2:30 – 3:30</td>
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<td>◆ <strong>India Update</strong>: <strong>Dr. Mangi Lal Jat</strong>, Principal Scientist of International Maize and Wheat Improvement Center</td>
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<td>3:40 – 4:40</td>
<td><strong>Session 2</strong>: Addressing Technical</td>
<td>◆ <strong>Cambodia Experience</strong> on Plant Material: <strong>Dr. Florent Tivet</strong>, Technical Advisor, CIRAD</td>
<td>Dr. Pascal Lienhard</td>
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<td>3:40 – 4:40</td>
<td>Challenges Related to CA/SI Broad-Scale</td>
<td>◆ <strong>Nepal Experience</strong> on Promotion of Mechanization for Conservation Agriculture: <strong>Mr. Madhusudan Singh Basnyat</strong>, Independent Consultant Agricultural Mechanization Specialist</td>
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<tr>
<td>3:40 – 4:40</td>
<td>Adoption</td>
<td>◆ <strong>Regional Experience</strong> on Bio-Products: <strong>Dr. Lionel Moulin</strong>, Researcher of Institute de Recherche pour le Développement (TBC)</td>
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<tr>
<td>4:40 – 5:00</td>
<td>Recap and Agenda for Day 2</td>
<td><strong>Recap and Agenda for Day 2</strong></td>
<td>Dr. Pascal Lienhard</td>
</tr>
<tr>
<td>Time</td>
<td>Session/Activity</td>
<td>Lecturer/Presenter</td>
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<tr>
<td>1:45 – 2:00 (15 mins)</td>
<td>Zoom is open to participant</td>
<td>Ms. Vathana Chamroeun</td>
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<tr>
<td>2:00 – 2:05</td>
<td>Session 3: Managing Diversity in CA/SI Systems</td>
<td><strong>Regional Experience</strong> on Straw management: Mr. Anshuman Varma, Deputy Head of Centre for Sustainable Agricultural Mechanization (CSAM), United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)</td>
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<tr>
<td>2:05 – 2:10</td>
<td></td>
<td><strong>Vietnam Experience</strong> on promoting vegetal biodiversity in Agroecological Crop Protection: Dr. Jean-Philippe Deguine, Researcher of CIRAD, Can Tho University</td>
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<td>2:10 – 2:15</td>
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<td><strong>Vietnam Experience</strong> on Tree Integration in Farming Systems: Dr. Clément Rigal, Researcher of CIRAD, ICRAF</td>
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<tr>
<td>2:15 – 2:20</td>
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<td><strong>Regional Experience on Strengthening Agricultural Innovation System for Sustainable Agriculture Intensification</strong>: Dr. Selvaraju Ramasamy, Head of Research and Extension Unit, Office of Innovation FAO</td>
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<td>2:20 – 2:25</td>
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<tr>
<td>2:25 – 3:10 (70 mins)</td>
<td>3:10 – 3:15 (50 mins)</td>
<td>Ms. Lucie Reynaud</td>
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<tr>
<td>3:10 – 3:15</td>
<td>Session 4: Driving CA/SI Dissemination Process</td>
<td><strong>Pakistan Experience</strong> on Promotion of Laser Land Leveling: Mr. Mushtaq Ahmad Gill, Executive Director of South Asian Conservation Agriculture Network</td>
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<tr>
<td>3:15 – 3:20</td>
<td></td>
<td><strong>Cambodia Experience</strong> on Pilot Project to Introduce Farmers to the Carbon Market: Mr. Marc Eberle, Executive Director of SmartAgro; Mr. Pierre-Antoine Vernet, Researcher of CIRAD and Mr. Rajiv Pradhan, Country Director of Swisscontact</td>
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<tr>
<td>3:20 – 3:25</td>
<td></td>
<td><strong>Regional Experience</strong> on Supportive Policies: Dr. Thatheva Saphanthong, Deputy Director of Department of Agricultural Land Management</td>
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<td>3:25 – 3:30</td>
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<tr>
<td>3:30 – 4:00</td>
<td>4:00 – 4:05 (20 mins)</td>
<td>Dr. Florent Tivet</td>
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<tr>
<td>3:30 – 3:35</td>
<td>Session 5: Support by Development Partners on Enabling CA Environment</td>
<td><strong>Mr. Sideth Muong</strong>, Head of Unit of AGENCE FRANÇAISE DE DÉVELOPPEMENT (AFD), Cambodia</td>
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<td>3:35 – 3:40</td>
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<tr>
<td>3:40 – 3:50</td>
<td>4:00 – 4:15 (50 mins)</td>
<td>Ms. Seng Vang</td>
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<tr>
<td>3:40 – 3:45</td>
<td>Consultative Discussion on the Workshop</td>
<td>This session aims at synthesizing the outcomes of the workshop that will also feed into the ASEAN level ASSET regional workshop (to be organized in November 2021)</td>
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<td>3:45 – 3:50</td>
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<tr>
<td>3:50 – 3:55</td>
<td>4:05 – 4:20 (20 mins)</td>
<td>Mr. Rajiv Pradhan</td>
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<tr>
<td>3:55 – 4:00</td>
<td>Closing remarks</td>
<td><strong>Key-Learning Remarks by Ms. Melanie Blanchard</strong>, ASEAn platform coordinator</td>
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<tr>
<td>4:00 – 4:05</td>
<td></td>
<td><strong>Closing Remarks by HE Dr. Ngo Bunthan</strong>, Rector of RUA and Vice Chair of CASIC EB</td>
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<td>4:05 – 4:10</td>
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<td>4:20 – 4:25</td>
<td>4:25 – 4:30 (30 mins)</td>
<td>Dr. Seng Vang</td>
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<tr>
<td>4:25 – 4:30</td>
<td>Consultative Discussion on the Workshop</td>
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<td>4:30 – 4:35</td>
<td>4:35 – 4:40 (50 mins)</td>
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<tr>
<td>4:35 – 4:40</td>
<td>4:40 – 4:50 (50 mins)</td>
<td>Mr. Rajiv Pradhan</td>
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<tr>
<td>4:40 – 4:45</td>
<td>4:50 – 4:55 (20 mins)</td>
<td><strong>Closing remarks</strong></td>
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<tr>
<td>4:45 – 4:50</td>
<td>4:55 – 5:00 (10 mins)</td>
<td><strong>Key-Learning Remarks by Ms. Melanie Blanchard</strong>, ASEAn platform coordinator</td>
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<tr>
<td>4:50 – 4:55</td>
<td>5:00 – 5:05 (10 mins)</td>
<td><strong>Closing Remarks by HE Dr. Ngo Bunthan</strong>, Rector of RUA and Vice Chair of CASIC EB</td>
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</table>
5. Speaker Profile

Session 1: Country Profile

**Topic: Cambodia Country Presentation**

**Dr. Seng Vang** is the Director of Department of Agricultural Land Resources Management (DALRM) of the General Directorate of Agriculture (GDA) of the Ministry of Agriculture, Forestry and Fisheries (MAFF). He obtained his Ph.D. in soil science and has over 25 years of experience in soil research, land management and crop nutrition, pre- and post-harvest handling of agricultural crops, crop protection, and rural livelihood assessment and technology adoption by farmers. He is a widely published author and co-authored on research themes such as agriculture and water, crop diversification, land resources, plant nutrition, and rice production systems under climate change impacts, which include a strong focus on the Cambodia farming systems.

**Topic: China Country Presentation**

**Dr. Li Hongwen**, is a Changjiang Scholar at China Agricultural University; Taishan Scholar, Shandong University of Technology; Director of Conservation Tillage Research Center (CTRC), Ministry of Agriculture and Rural Affairs (MOA), P.R.C; Director of China institute for Conservation Tillage in China Agricultural University. He is also the Chairman and leading expert of Conservation Tillage Expert Group, MOA, P.R.C; Chairman of Mechanical Soil Cultivation Professional Group, MOA, P.R.C; Chairman of Agriculture Mechanization and Equipment Committee of China Society of Agricultural Engineering; Leader of MOE (Ministry of Education) and MOA Innovative Research Team “Conservation Tillage Technology and Equipment”.

Dr. Li started conservation tillage research from 1991, he and his team have received 4 Awards of National second prize for scientific and technological progress, published more than 200 academic papers and achieved more than 100 patents, all on conservation tillage.

**Topic: India Country Presentation**

**Dr. ML Jat** is a principal Scientist/Systems Agronomist and Sustainable Intensification Strategy Leader for Asia & North Africa. He is currently working for International Maize and Wheat Improvement Center (CIMMYT). Dr. Jat holds a PhD in Agronomy from ICAR-Indian Agricultural Research Institute (IARI), New Delhi. With 23 years of impactful research and management experiences on agricultural sustainability in diversity of production systems and 11 years of research management experience in international agriculture, Mr. Jat has supported countries across Asia, Africa and Americas and is currently leading a multi-disciplinary (Agronomy, Farming Systems modelling, social scientist, breeder) team of international scientists and national research staff.
Session 2: Addressing Technical Challenges

**Topic: Plant material**

Dr. Florent TIVET (Ph.D.) is an agronomist from CIRAD, French Agricultural Research Center for Development, and an expert in agroecology, conservation agriculture, cropping system design, soil fertility management and assessment, appropriate-scale mechanisation, preservation of genetic banks, and seed production. He has been working for more than 12 years in South-East Asia and is currently providing support to the Conservation Agriculture Service Center (CASC) of the Cambodia of the Department of Agriculture Land Resources Management (DALRM), General Directorate of Agriculture (GDA).

**Topic: Promoting on mechanization for conservation agriculture**

Mr. Madhusudan Singh Basnyat is an independent consultant and agricultural mechanization specialist for TCP/FAO-Nepal. He was a former Deputy Director General of the Department of Agriculture, Ministry of Agriculture and Livestock Development. Mr. Madhusudan hold a bachelor’s degree in Agricultural Engineering and a master’s degree in Renewable Energy Engineering. As an independent consultant, Mr. Madhusudan has 32 years of professional experience with significant knowledge of planning, managing, organizing, and budgeting agricultural activities. He has extensive knowledge in implementing programs and projects for agriculture, agricultural engineering & mechanization, renewable energy, natural resource management and climate change adaptation, agricultural infrastructure, agricultural and machine market systems and procurement processes.

**Topic: Bio-Product**

Dr. Lionel Moulin is a microbial plant ecologist and research director at IRD (French National Research Institute for Sustainable Development), in the PHIM unit (Plant Health Institute of Montpellier) within which he heads a research team on plant-bacteria interactions (BRIO team, for Bacteria-Rice Interactions & BiO control). He obtained his doctorate in 2002 at the University of Lyon (France) on the diversity of rhizobia and then did a 2-year post-doctorate at Peter Young (Univ. York, UK) in bacterial genomics, before joining IRD. He is developing research on the genetic boundaries between mutualism and pathogenicity in bacteria interacting with cereals (wheat, rice), and the response of plants to various types of microorganisms (physiology, transcriptomics, proteomics). He is also working on cereal microbiomes (amplicons & cultivable approaches) in order to identify plant bio stimulants and biocontrol agents against phytopathogens.
Session 3: Managing diversity

Topic: Straw Management

Mr. Anshuman Varma is the Deputy Head of the Centre for Sustainable Agricultural Mechanization (CSAM), a regional institution of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) in Beijing. In this role, he is overseeing implementation of a wide range of programmes for sustainable agricultural mechanization in the Asia-Pacific region, and leading development of new programmes and projects. Prior to this, Mr. Varma worked with United Nations ESCAP’s regional institutions in other countries: as Knowledge Management Coordinator at the Centre for Alleviation of Poverty through Sustainable Agriculture (CAPSA) in Indonesia (2013-2016), and as Programme Officer at the Asian and Pacific Training Centre for Information and Communication Technology for Development (APCICT) in the Republic of Korea (2009-2013). Mr. Varma graduated with a BA (Hons.) degree in Economics from the University of Delhi (India) in 1996 and completed his MA in Development Economics from the University of Sussex (UK) as a Commonwealth Scholar in 1998. In 2014, he also completed an Executive Education program in Development at the Kennedy School of Government at Harvard University (USA).

Topic: AE Crop Protection

Dr. Jean-Philippe Deguine is a senior scientist, agroecologist, and entomologist at CIRAD (UMR PVBMT). He has 36 years of experience in crop protection against pests and diseases and has worked in Africa, Oceania, Europe, the Indian Ocean and Southeast Asia. He is hosted by Can Tho University in Vietnam. In addition to research activities, he has in the past carried out research management activities (head of the CIRAD cotton program, deputy director in charge of scientific affairs in the CIRAD EMVT department) and scientific leadership activities (scientific advisor to the CIRAD General Management). He has participated and continues to participate in many scientific groups, councils and committees at the local, national and international levels. He is involved in teaching (including distance learning) and training activities. He has organized training workshops at international research schools in agroecology. Dr Deguine has strongly contributed to the conceptualization of agroecological crop protection and has coordinated many research and development projects and published numerous papers in this field. Currently, he is also co-leader of the Strategic Field "Agroecological Transitions" at CIRAD.
**Topic: Tree Integration in Farming system**

**Dr. Clément RIGAL** is a tropical agronomist working for CIRAD and seconded in ICRAF team in Vietnam. He specializes in coffee agronomy, specializing in the evaluation of coffee system performances, and in the transition towards more sustainable farming practices. He conducts his research using a mix of field measurements, modelling and participatory methods in South-East Asia (mostly Vietnam and China).

**Topic: Strengthening agricultural innovation system for sustainable agriculture intensification**

**Dr. Selvaraju Ramasamy** is Head of the Research and Extension Unit, Office of Innovation, Food and Agriculture Organization (FAO). He leads FAO’s efforts in Agricultural Research and Extension for development, strengthening of Agricultural Innovation Systems (AIS) and out-reach of innovative agricultural technologies and practices. His work also focuses on partnership with International/national agricultural research centers and forums of extension and advisory services. He has over 30 years of experience in applied agricultural research and development. Dr Ramasamy is with FAO since 2007.
Session 4: Driving the dissemination process

**Topic: Extension Model and Strategy: Laser Land Level**

Engr. Mushtaq Ahmad Gill graduated in Agricultural Engineering from USA started his career with Agriculture Department and retired as Director General. He is amongst the pioneers in South Asia region for indigenizing and leading the diffusion of LASER Land Levelling Technology as a gateway to climate resilient Conservation Agriculture. He is the founder member of South Asian Conservation Agriculture Network (SACAN) and as Executive Director, executed different Conservation Agriculture research and capacity building projects in collaboration with CGIAR centers. In recognition of his meritorious services in Resource Conservation, civil award was conferred to him by President of Pakistan.

**Topic: Funding Mechanism: CASIC Pilot Carbon Fund**

Pierre VERNET is a French international volunteer working with CIRAD on scaling-up agro-ecology and climate change mitigation practices in Cambodia. Currently involved in the ASSET project, he is working on a rewarding system to incentivize farmers for carbon sequestration and ecosystem services production through the carbon market.

Rajiv PRADHAN is the Country Director of Swisscontact Cambodia. He has over 21 years of experience in Inclusive Market/Sector Development, including training practitioners, enabling environment and network development. Furthermore, he has over 30 years of experience in Small & Medium Enterprises Development, both in the private and development sector. He led a number of private companies, development organizations and projects both in Nepal and Bangladesh in the past, thereby gaining over 27 years of experience in Program Management. He specializes in strategic management; designing projects; building teams to implement projects; deal making with the private sector; business modelling; and providing innovative scaling/expansion methods in various market segments.

Mr. Marc Eberle has been living in Cambodia since 2002. He studied Argoecology and in 2018 founded SmartAgro Sustainable Innovations Co. Ltd. to create a driver for change. SmartAgro’s mission is to re-design agricultural practices and change the paradigm of how we add long term value to people, smallholder communities and the ecosystem in the farming sector.
**Topic: Supportive Policy: Synthesis of LICA, TPP, TAFS Initiative in the Region**

**Dr. Thatheva Saphanthong** is the Deputy Director General of the Department of Agriculture Land Management and also in charge of LICA coordination for the Lao PDR. Dr. Thatheva Saphanthong obtained his Ph.D in Southeast Asian Area Studies with in depth study on Dynamics and Sustainability of Land Use System in the Northern Laos from the Kyoto University, Japan 2007. With vast experience in integrated watershed management planning, monitoring, environmental and social impact assessment, and participatory upland development, Dr. Thatheva initiated coordination on the information knowledge creation and management for the rural development focusing on creation of the MAF Information Systems, GIS/RS Data Analysis and connect to cross-sectoral data on sustainable natural resource management and rural development in the country for the past 20 years.

**Session 5: Support by the developmental partner**

**Development Partner: AFD**

**Mr. Muong Sideth** is the Head of Unit for agriculture, rural development, infrastructure, environment at French Development Agency (AFD). Mr. Sideth hold two master degrees from University of Nice-Sophia Antipolis, Nice, France, one on Hydrology and physical environment and another one on Environment and Sustainable Development. He is currently in charge of several AFD grant projects, but the 2 regional one are FORSEA recasting impacts of climate change and workforce availability on natural rubber commodity chain in South East Asia (FORSEA) and Agroecology and Safe Food Systems Transitions in South-East Asia (ASSET).
6. Organizing Committee

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>1</td>
<td>H.E. Dr. Chan Saruth</td>
<td>Advisor</td>
<td>Under Secretary, Ministry of Agriculture, Forestry and Fisheries</td>
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<tr>
<td>2</td>
<td>H.E. Dr. Ngo Bunthan</td>
<td>Chair</td>
<td>Rector, Royal University of Agriculture (RUA)</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Ho Puthea</td>
<td>Vice Chair</td>
<td>Deputy Director General, General Directorate of Agriculture (GDA)</td>
</tr>
<tr>
<td>4</td>
<td>H.E. Dr. Lyda Hok</td>
<td>Member</td>
<td>Director, Center of Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN)</td>
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<tr>
<td>5</td>
<td>Mr. Ngin Kosal</td>
<td>Member</td>
<td>Director, Department of Agriculture Engineering (DAEng)</td>
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<tr>
<td>6</td>
<td>Dr. Seng Vang</td>
<td>Member</td>
<td>Director, Department of Agriculture Land Resources Management (DALRM)</td>
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<td>7</td>
<td>Dr. Florent Tivet</td>
<td>Member</td>
<td>CIRAD</td>
</tr>
<tr>
<td>8</td>
<td>Mr. Rajiv Pradhan</td>
<td>Member/Moderator</td>
<td>Swisscontact</td>
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<tr>
<td>9</td>
<td>Dr. Pascal Lienhard</td>
<td>Member</td>
<td>CIRAD</td>
</tr>
<tr>
<td>10</td>
<td>Mr. Anshuman Varma</td>
<td>Member</td>
<td>Centre for Sustainable Agricultural Mechanization (CSAM)</td>
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## 7. Coordination Team

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<th>No.</th>
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<tbody>
<tr>
<td>1</td>
<td>Ms. Feng Yuee</td>
<td>Centre for Sustainable Agricultural Mechanization (CSAM)</td>
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<tr>
<td>2</td>
<td>Ms. Melanie Blanchard</td>
<td>Agroecology in Southeast Asia (ASEA)</td>
</tr>
<tr>
<td>3</td>
<td>Ms. Chakriya Soeun</td>
<td>CASIC Secretariat team</td>
</tr>
<tr>
<td>4</td>
<td>Mr. Tem Dary</td>
<td>CASIC Secretariat team</td>
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<tr>
<td>5</td>
<td>Mr. Chrea Cheabmeng</td>
<td>CASIC Secretariat team</td>
</tr>
<tr>
<td>6</td>
<td>Ms. Laing Thyda</td>
<td>Center of Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN)</td>
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<td>7</td>
<td>Ms. Duong Ravy</td>
<td>Department of Agriculture Land Resources Management (DALRM)</td>
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<td>8</td>
<td>Mr. Seng Savath</td>
<td>Department of Agriculture Engineering (DAEng)</td>
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<tr>
<td>9</td>
<td>Mr. Heng Yulong</td>
<td>Department of Extension, Agriculture, Forestry and Fisheries (DEAFF)</td>
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<td>10</td>
<td>Mr. Premprey Dennamanith</td>
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<td>11</td>
<td>Ms. Chamroeun Vathana</td>
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<td>12</td>
<td>Mr. Oeu Vearyda</td>
<td>Swisscontact</td>
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<tr>
<td>13</td>
<td>Mr. Pritesh Chalise</td>
<td>Swisscontact</td>
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8. Supporters
9. Content Management Guideline

A shared Google Drive for CASIC’s 2nd Annual Regional Workshop has been created to provide the participants, access to relevant files and documents after the workshop. The files can only be viewed and downloaded from the google drive.

You will find the following files in the drive:
1. Presentation of the Speakers
2. News Article of the Workshop
3. List and Contact Details of the Speakers, Facilitators and Participants
4. Report of the Workshop

*Date of Documents Availability:

- News article will be published on the 30th of September 2021.
- Speaker presentations will be uploaded on the 1st of October 2021.
- List and contact of Speakers, Facilitators and Participants will be available on 5th of October.
- The workshop Report will be uploaded and available by the end of October.

*Important Note:

- Presentations will be shared in PDF format.
- If you would like to share the news article, please share it from CASIC website.
- You do not need to ask for CASIC permission to share the news article from the CASIC website.
- Speakers, facilitators and participants contact information will be provided if you would like to further discuss, need any clarification on presentations and wish to collaborate further on any topics.
- Please feel free to share the report among your networks. We would appreciate if you share the report directly from CASIC’s webpage (link to the webpage will be provided).