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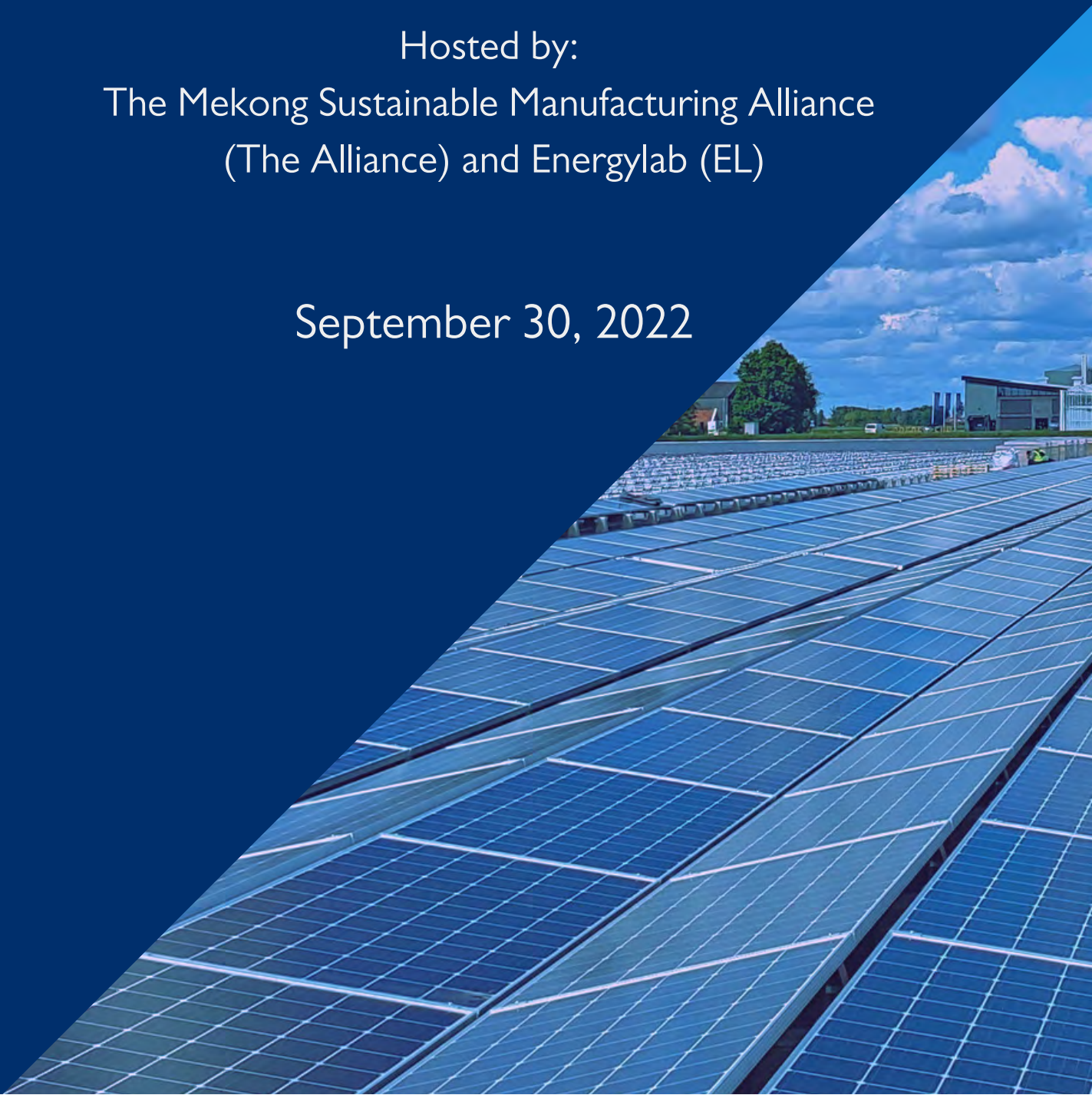
(Energy)<sup>Lab</sup>

# Understanding Energy Attribute Certificates in Cambodia

Hosted by:

The Mekong Sustainable Manufacturing Alliance  
(The Alliance) and Energylab (EL)

September 30, 2022



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# Understanding Energy Attribute Certificates in Cambodia

## Hybrid event

via Zoom and in-person at  
Rosewood Hotel, Phnom Penh, Cambodia

**September 30, 2022 10:00 - 13:00 ICT**

Hosted by  
The Mekong Sustainable Manufacturing Alliance (The Alliance) and  
Energylab (EL)

## Event Summary

On September 30th, the workshop took place on Zoom and at the Rosewood Hotel, welcomed 40 in-person participants and more than 100 virtual audiences to discuss practical details information about EAC with presentations from 3 speakers coming from a consulting firm (Coral Future), Electricity Generating Authority of Thailand (EGAT) and GreenYellow Company.

A recording of the event is available [HERE](#). All speaker presentation files are available [HERE](#).



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# HIGHLIGHT MESSAGES



**Mark Doyle**

Deputy Director of Sustainable Economic Growth Office

**USAID Cambodia**

*"USAID launched a new climate strategy that guides our approach to reducing global greenhouse gas emissions. Collaboration among multiple stakeholders, including the private sector, is fundamental to meeting the goals laid out in our strategy."*



**Natharoun Ngo Son**

Country Director

**Energylab Cambodia**

*"We are collectively interested to learn more about the potential EACs have to increase production, distribution, and consumption of Renewable Energy. EACs are not perfect and have limitations if not implemented properly. We shall understand clearly the pros and cons., and learn from the industry, and from other neighboring countries that adopted those."*



**Malchutar Kingnet**

Head of Renewable Energy Business Section

**EGAT**

*"By 2050, renewable energy will be the world's primary power source. Global companies have set carbon neutrality and net zero carbon emission targets. Thus, international and regional initiatives to drive the clean energy transition are essential, especially in SEA."*



**Santosh Singh**

CEO and Founder

**Coral Future**

*"... the demand for EACs in Cambodia is not yet sufficient compared to other countries such as China, India, Vietnam, Thailand, Indonesia, or Malaysia. Today marks the beginning of the journey where the whole ecosystem, policies, and regulations must be considered to support EACs adoption."*



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## SESSION DETAILS



### **Energy Attribute Credits: Opportunities and challenges**

Mr. Santosh Singh, CEO and Founder, Coral Future

A general definition of energy attribute certificates (EACs) is provided, along with details on the benefits and needs of the certificate. The participants were informed about different types of available global EAC globally and certification standards that could be applied in Cambodia. Santosh explained the status of the current EAC and discussed the need for the country to have the certification in place to achieve the Paris target. The necessary steps and process for applications and selection criteria were discussed, including the costs applied if the company wishes to be certified. Coral Future could assist in facilitating the process if there is interest in the application for certification.



### **Experience sharing from Thailand**

Ms. Malchutar Kingnet, Head of Renewable Energy Business Section, EGAT

By 2050, electricity will be the primary energy carrier, with more than a 50% direct share of total final energy consumption, up from 21% in 2018. By 2050, 90% of total electricity needs will be supplied by renewables, followed by 6% from natural gas and the remainder from nuclear. Renewable energy certificates are a tradable energy commodity used as proof that one megawatt-hour (MWh) of electricity came from an eligible renewable energy source. 1MWh will power around 2,000 homes for an hour. Renewable energy companies, such as solar farms, receive certificates for the clean energy they generate, each with unique identification codes. This energy feeds directly into the electricity grid, while the certificate can be sold into the open market.



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## SESSION DETAILS



### **IREC applied to Cambodia**

Mr. Chhunheng LAO, Project Manager Solar and Energy Efficiency, Green Yellow (Cambodia)

IREC helps promote company ESG commitments by providing more science-based information on the electricity consumption reduction of its GHG emissions, including the scope 2, which is the indirect energy consumption. It enables the achievement of sustainable goals, highlights investments in sustainability, and improves indicators for reporting programs. Participants are market players and hold accounts on the Evident Registry. Participants can transfer I-RECs to other Participants and redeem them on behalf of consumers. They can also trade certificates from their primary account to the primary account of another market player. The presentation also highlights the necessary step and specific timeline of the certification, and Green Yellow has the services available to support the process.



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# Organization Background

## EnergyLab Cambodia

<https://energylab.asia/>

(Energy)<sup>Lab</sup>

EnergyLab Cambodia was established as a non-profit organization to support the growth of the clean energy markets in Cambodia. EnergyLab works through a range of programs, partnerships and events, focusing on 4 main programmatic areas: 1) Support innovation and entrepreneurship through a series of clean energy specific programs including hackathons, pre-incubation and incubation programs. 2) Supporting and connecting the clean energy ecosystem. 3) Clean energy education and awareness raising to build more knowledge and engagement in clean energy. 4) clean energy advocacy and specialist advice to support development partners, policy makers and influencers to understand the potential and opportunities clean energy can provide Cambodia.

## The Mekong Sustainable Manufacturing Alliance (The Alliance)

<https://www.sustain.org>



The Mekong Sustainable Manufacturing Alliance (The Alliance) implemented by Institute for Sustainable Community (ISC), supported by the USAID Regional Development Mission for Asia, uses a market-driven approach to strengthen sustainable and competitive manufacturing by engaging the private sector, catalyzing market forces, and advancing innovative regional initiatives that will increase the adoption of Environmental, Social, and Governance (ESG) standards. The Alliance also supports USAID's Corporate Clean Energy Alliance (CCEA), a partnership with business leaders facilitating the rapid deployment of state-of-the-art clean energy technologies and developing viable business models and policy frameworks that drive the transition to low-carbon economic growth across Southeast Asia.

The Mekong Sustainable Manufacturing Alliance (The Alliance) is supported by the USAID Regional Development Mission for Asia.



## Contact US

The Energylab and The Alliance team are pleased to continue working alongside industrial stakeholders to increase and improve the pathways for corporate clean energy use pathways in Cambodia. For additional information, please contact the Energylab team via Natharoun NGO ([natharoun@energylab.asia](mailto:natharoun@energylab.asia)) and The Alliance team via Natcha Tulyasuwan ([ntulyasuwan@sustain.org](mailto:ntulyasuwan@sustain.org)) or [msma@sustain.org](mailto:msma@sustain.org)