

# Sustainability for Business Forum 2019

## Content Description

### TRACK #1: GREEN ENERGY

#### Track description:

We recognize that energy consumption is the primary cause of carbon emissions within the region. The greatest energy demands come from the building, transportation and industrial sector which all rely from a majorly fossil fueled power source. The public sector is key in putting regulations and financial instruments in place to favor this transition but businesses play a crucial role in developing the operational structure. If we want to aspire to the necessary measures in climate change mitigation, we will need ASEAN to leapfrog to a cleaner, greener energy mix.

Keeping the global temperature rise below the 2°C threshold is technically feasible but it will require the transport, building, industry and power sectors to pitch in and transform standard business practices. Groundbreaking projects have emerged from the region in an effort to continuously develop innovations, systems and technologies to decarbonize, decentralize and digitalize the energy market. We're inviting key actors leading the transformation and developing advances in battery storage systems, alternative fuels, renewable energy generation, energy efficiency systems, low carbon technologies.

What are the market ready solutions and how are they being implemented in the region to push this transition through? How can we accelerate the shift to a green economy and how are key business sectors contributing to this transition and a low carbon society?

### SESSION 1: GREEN ENERGY TRANSITION IN ASEAN

Format: Panel discussion

Moderator: Ugo Bernal, Senior Business Development Manager | Symbior Solar

Panelists:

- Hein Ommen, Head of APAC Solar | Engie
- Anuluk Janyao, EHS Supervisor | SIG Combibloc
- DHL TBC
- BCPG TBC

The panel discussion will focus on companies strategies and solutions for a power, transportation, industry and building sector transition to a green energy model in the ASEAN region.

Engie:

ENGIE embarked on a 3-year transformation plan to shift away from the old paradigm reliant on fossil fuel generation to a innovative business aimed at decarbonized, distributed and digitized energy.

### Symbior Solar:

The panel will be moderated by Ugo Bernal who will give an overview on the clean power landscape and the potential for solar energy in Thailand and ASEAN. Symbior Solar designs, finances and operates solar PV plants for commercial and industrial clients in the region. The company provides a turnkey “sustainable solution” by offering their clients the opportunity to rely on green, clean energy while generating cost savings compared to grid induced electricity. By reducing their operational costs and decreasing their carbon footprint, their partners increase their competitiveness one the market and benefit from a solution which is sustainable both environmentally and business wise.

### SIG Combibloc:

SIG is a leading systems and solutions provider for aseptic packaging. SIG is producing all its packs using 100% renewable energy at production sites worldwide. All other remaining greenhouse gas emissions from production are also being offset to completely eliminate greenhouse gas emissions from production operations.

## **SESSION 2: RESPONSIBLE INNOVATIONS**

Format: Duo presentation

Speakers:

- Proud Limpongpan, Chief Strategy Officer | Ennovie
- Mr. Seow Boon Cheng | Genisys

Ennovie is a jewelry manufacturer that helps to bring beautiful creations to market in a fast sustainable way. In the past two years, the company has rebranded, redesigned their production processes, upgraded their machinery and moved to SAP Business One to improve and sustain innovation for their clients. In a response to meet customer requirements, Ennovie has been implementing responsible innovation concepts within their business operations and indenting sustainability as a business strategy. In partnership with Genisys, they are developing a sustainable factory equipped with the latest production technology, powered by solar energy and a closed-loop recycled air and water system.

## **SESSION 3: SMART FACTORY ESTATES**

Format: Duo presentation

Speakers:

- Hitachi : Jotaro IGARASHI, GM, Business Development Department
- Amata Mr. Pongsakorn Limpakarnwech, Business Development Section Manager

Amata is a leading industrial city developer providing reliable, sustainable and state-of-the-art business estates with eco-friendly infrastructure and sound environmental policies. In a response to Thailand's 4.0 Smart City goals, Amata has been embedding smart and sustainable practices within its business organization, operations and infrastructure. To further this development, Amata has entered a

collaboration with Hitachi High-Technologies Corporation to provide smart factory solutions to tenants at industrial estates. Hitachi's Lumada Center in Amata City Chonburi is designed to provide IoT solutions to improve factories' efficiency and contribute to smart manufacturing and smart energy processes. "Through the use of data analytics and AI tools offered by Lumada Center to drive predictive and corrective maintenance, Hitachi aims to increase the operational productivity of factories across Thailand." ([Source](#)) The Smart Industrial Estates incorporate integrated manufacturing, assembly, and processing facilities while minimizing environmental impact and enhancing quality of life.

## TRACK #2: POLLUTION & WASTE

### Track Description

Thailand has been standing in the headlines on the matters of severe air pollution and ocean plastic waste. What do these two subjects have in common? They both are the results of our consumption and demonstrate an urgent need to reevaluate our consumption habits and implications.

Our natural systems are designed to an equilibrium. Climate change, air and water pollution, coral death, specie disappearance are all signs that our natural systems cannot balance themselves out anymore in the face of our disruption. In the midst of these health hazards and threats, consumers are increasingly putting pressure on businesses to take responsibility and propose products and services which have a minimized impact on the environment and do not compromise their wellbeing.

How are businesses addressing pollution and waste management within their organizations, operations and supply chains? How is this affecting their business value?

Multiple studies show that business viability and environmental preservation are mutually inclusive concepts. Actions to solve this crisis will need to be multidirectional and come from appropriate regulations, business responsibilization as well as a customer behavioral change. Circular business models are emerging in an effort to take responsibility of our value chains and close the loop on emissions and waste. We will be looking at companies who are implementing a life cycle approach at product and business level and are introducing innovative solutions across the value chain. We will hear successful stories for responsible sourcing, reduced embodied energy and water use of products, resource efficient manufacturing processes, sustainable packaging and distribution, pollution prevention and waste to wealth innovations.

## SESSION 1: PLASTIC POLLUTION PREVENTION THROUGHOUT THE VALUE CHAIN

Format: Panel discussion

Moderator: Warawat Bibb Sabhavasu | Trash Hero

Panelists:

- Tasmin Chilcott, Eco Project Coordinator and Johanna Hector, Sustainability Communications | Starboard
- Dr. Vincent Aloysius | Ecocycle - SCC
- Maggie Lee, Business Engagement | WWF

The panel discussion will be focused on companies strategies and solutions to prevent and manage plastic pollution within their value chain (supply chain, operations, products or services and disposal).

### Starboard:

Starboard is a premium windsurfing & paddle boarding brand with a mission to protect the fragility of our oceans.

In this objective, Starboard has been active in plastic prevention by raising awareness, revisiting their product material impact and developing a roadmap to offset plastic from their business value chain. They have entered a collaboration with DSM to transform discarded fishing nets from the coastline in India into high-end surfboard components (such as fins, fin boxes, handles) therefore contributing to cleaner oceans, litter-free beaches and jobs for local communities. In an effort to act further, Starboard is taking the lead in offsetting the impacts of the plastic used in its business by creating the first Plastic Offset Program (POP) in coordination with the Plastic Disclosure Project and its methodology for measuring a company's plastic footprint. Starboard is also running awareness campaigns on the effects of single-use plastics, educating and motivate decision makers about possible solutions and thereby aiming to fast-track the Bangkok declaration and other regulations to ban single-use-plastics in Thailand and worldwide.

### Ecocycle:

Ecocycle is a subsidiary of Siam City Cement Group and provides an industrial services and sustainable resource recovery solutions for businesses.

Ocean plastic pollution is a current issue that has grabbed the attention of many. One of the key initiatives of Ecocycle is to produce refuse derived fuel (RDF) by mining old dumpsites. But what is the connection, how does this help plug the leakage of plastics to the ocean? Eighty percent of plastics that end up in the oceans are coming from poorly managed plastic waste. Dumpsites are often located near rivers and creeks. Flash floods, heavy downpour can easily wash out plastic waste that eventually reach coastal waters. Removing the plastic waste from dumpsites by landfill mining can reduce the amount of plastic waste reaching the oceans.

## **SESSION 2: AIR POLLUTION MONITORING AND MANAGEMENT**

Format: Duo presentation

Speakers:

- Patrice Pischeda, Asia Managing Director | ACOEM
- Mr.Thalearnsak Petchsuwan, Deputy Director | PCD

ACOEM offers monitoring solutions that optimize industrial production tools by reducing their energy consumption and pollutant emissions. Along with their partner, ACOEM implemented the reference air pollution system used by BMA and PCD to monitor air quality and particles in Bangkok and Thailand. Their collaboration resulted in two applications and websites intended to inform citizens and raise public awareness on air pollution levels in the kingdom.

## **SESSION 3: TBA**

Format: Duo presentation

Speakers:

- Name, Occupation | Company TBA
- Name, Occupation | Company TBA

Description TBA

## TRACK #3: EDUCATION AT WORK

### Track topic :

Employee engagement is the challenge of every company to increase productivity and retention in Asia and especially in a volatile market such as Thailand. Motivated, trained, dynamic and trustful employees are proven to boost the results and the reputation of the company.

Companies in Thailand most of the time take quite well care of their employees because it is part of the culture and they try to reduce turn over in a market with low employment rate and scarcity of some specific skills.

Training are often provided to employees in order to help them to do their job properly

Companies are facing new specific challenges which are putting their employees under pressure and need of adaptation.

Among them you have:

- digital and sustainability transitions (which are often interrelated). It will be the topic of our education at the workplace panel.
- difficulties for employees to learn in a room especially for low educated ones. The first duo speakers will showcase how learning by playing on an app can be a relevant solution.
- innovation and initiatives as a must. The second duo speakers will illustrate how a CEO and its coach has been particularly good on that.

## SESSION 1: DIGITAL AND SUSTAINABLE TRANSITION

Format: Panel discussion

This panel has speakers from Somboon Advance Technology and L'Oreal

### Company 1: Somboon Advance Technology

Topic/case:

Somboon group is a leading automotive part manufacturer in Thailand. Somboon has its vision to achieve its sustainability of its operation through advanced technology and partnership. Digital transformation is a key to move from semi-automation system to full automation, which would reduce environmental footprint significantly through machine learning and artificial intelligence.

Somboon has also seen big data as critical resources within the company. The application of digital in manufacturing would help develop long term capability in machine learning, virtual reality simulation, smart factory design, and system integration.

There are few key initiatives required at different level of the company to achieve the changes needed in workplace: clear leadership direction and a change in organization design and human resource development and key transition projects. With the success of each project, this would help empower people to adopt of new technology into workplace.

This commitment would help company to move from being operation excellence of automotive part manufacturers to be a high-tech smart factory readily for the future disruptive change in automotive industry.

## Company 2: L'Oréal

Topic/case:

L'Oréal's aim is to sustain its success over the long-term in the new Beauty Tech world and to have a positive impact on both the environment and society. A profound transformation to sustainability and digital is key to preparing the company to be in tune with how the world is evolving.

The digital sphere is now totally infused in every dimension of the company and is bringing profitable growth, increased reach and higher levels of personalization through data-driven marketing. Digital transformation is hard work and has required massive adaptation from our business and our teams especially around sales and marketing. Employees are the key drivers of the success of this transformation. In 2018, intensive training of more than 5,000 hours was provided to employees in Thailand in various forms. There are more than 200 e-learning courses in digital, double that of two years ago. The focus is on upskilling and reskilling the organization in digital procedures. The number of people working as part of the digital team has increased tenfold in the past three years.

On the sustainability side, L'Oréal has a worldwide sustainability commitment program towards 2020 called 'Sharing Beauty With All', which engages its whole value chain – from product design to distribution, including the production process and the sourcing of raw materials. Sustainability guidelines and KPIs have been put in place under four different pillars – Innovating Sustainably, Producing Sustainably, Living Sustainably and Developing Sustainably. L'Oréal firmly believes that economic and environmental, social and societal performance go hand in hand and mutually reinforce each other.

## SESSION 2: EMPLOYEES LEARNING BY PLAYING

Format: Duo presentation

Companies: **QuizzBizz and Crepes & co**

Topic/case:

QuizzBizz is offering an app to their clients where employees can learn what they need to know for their work (ie: safety procedure, customer relation, marketing...).

They would use their mobile and quizz/gaming and be much more comfortable and engaged and learn much quicker than with traditional methods.

This approach has been developed successfully with Crepes and co

David Perrot, CEO of Crepes & Co: "How to communicate with young generation the desire to learn? By bringing a fun and interactive learning environment like QuizzBizz app. They can learn continuously and at their pace. We can follow in detail their progress..."

## SESSION 3: A CULTURE OF INNOVATION

Format: Duo presentation

Companies: **North Star Digital and 1-2 Win**

Topic/case:

North Star Digital is a fast-growing digital marketing agency with the dual mission to "empower people & businesses to reach their full potential" (see more at <https://www.north-star-digital.com/marketing-jobs-bangkok/>). Key to its success is the continuous enhancement of its managers' leadership-quality, in service of attracting, grooming and retaining talented, customer-centric marketers who make a real difference to clients' bottom line. North Star Digital has been partnering with 1-2-WIN Executive Coaching to make their mission a reality, leveraging co-development group sessions and the build-up of a coaching culture. Says Executive Coach Jean-Francois Cousin, "these young leaders have a lot of great lessons to teach to older leaders, me included!".

## TRACK #4: HEALTH & WELLBEING

**Track topic:**

Employees in Thailand like in other parts of the world are victim of fatigue, stress and diseases. In Thailand productivity loss because of diseases are at 73 days a year, 84% of employees do not eat a balanced diet, 47% employees have at least one dimension of work-related stress, loss of concentration causes up to 18% loss of productivity.

It creates a high rate of leave and deep dissatisfaction. It reduces profitability within companies.

Employees are aspiring to more healthy life and working environment.

It is actually a win-win objective to improve health and well-being within the company.

The track will address how companies can:

- improve the physical environment of their employees (in the panel),
- facilitate a better fitness among employees and a culture of well-being
- help employees monitor their fatigue, stress, rest and energy

## **SESSION 1: HEALTHY WORKING ENVIRONMENT**

Format: Panel discussion

### **Company 1: Saint Gobain**

Topic/case:

Saint Gobain will showcase the new type of smart building which optimize health and well being for employees and limit pollution for the environment they are proposing now to their clients

More details to come.

### Company 2: Schneider Electric

Topic/case:

Schneider Electric provides nice facilities to help employees in their work and daily life.

### Company 3: Markant

Topic/case: Markant is a well-known office furniture company which is providing among the most comfortable and healthy products for managers and employees

## **SESSION 2: CULTURE OF WELL BEING**

Format: duo presentation

### **Companies: Fitdao with Accor**

Topic/case:

Fitdao limited supports the companies to increase employees' engagement and collaboration with an innovative approach: offer a large range of individual and collective exercise, relaxation and sports activities to employees which will contribute to the development of a Corporate Wellness Culture that itself will enhance loyalty, respect, resilience, boldness, kindness and above all, happiness.

Companies such as ACCOR already trust Firdao and show tremendous results. They adapt the strategy and activities to each company, whatever the size or the needs.

They are making a duo intervention together with Bree Creaser who is Vice President Operations Midscale & Economy, for ACCOR Thailand.

Ms Bree will endorse this process by sharing her experience and expose the results.

## SESSION 3: MONITORING OF EMPLOYEE'S HEALTH

- Companies: **AIA and EArise together with their client the General Manager of Power Buy**
- Topic/case:

AIA and EArise provide tools to help employees and the company to monitor their fatigue, stress, rest and energy. These tools are particularly efficient to give a chance to managers and other staff to monitor themselves and improve their level of health and efficiency. It contribute a lot to the company productivity and results.

EArise: "Stress, bad recovery, lack of physical activity, poor quality of sleep affect people health... but also performance in companies. To improve one's life balance, we have to know our strengths but also our improvement levers. Not that easy but fortunately technology can help. Thanks to accurate sensors and software developed by cardiologists and scientists, 250 000 people (more than 200 in Thailand so far) have been monitored and changed their lives. Sick leaves decrease significantly and 85% people feel more productive. We will share with you concrete situations like in Power Buy, testimonials and key topics specific to Thailand."