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GREEN GROWTH

A EuroCham Vietnam Sector Committee 

GGSC e-Bulletin Issue 6, Oct 2021

General Updates

A lot of attention is still on Covid19 since the country is reopening, including HCMC, but daily cases are still high. The reopening has been made possible by the rapid progress

of vaccines, as reported by the WHO in its most recent paper: *As of 24 Oct, a total of 74,350,064 doses have been administered (~10.7M doses in a week): 52,584,839 persons completed 1st dose (reached 76.2% of pop>18yo, 54.5% of total pop) and number of persons completed 2nd dose has reached 21,465,632 (31.1% of pop >18yo, 22.2% of total pop). Local press highlights how the percentage of fully vaccines people is higher in Hanoi and HCMC.*

And so, back to GGSC business...

The world will be listening to the works of COP26 in Glasgow since scientists have estimated that even compliance with COP21, the Paris Agreement, is not sufficient. The entire world cannot afford a temperature rise of more than 1.5 degrees Celsius, which shortens the window of opportunity to reduce the emissions of Green House Gases.

Vietnam, which made moderate commitments in Paris, especially those without international support, is not alone in not being in line with the progress needed to match the targets.

Eurocham GGSC has prepared a list of actions that the Government may take to improve the situation. It will be communicated directly by Eurocham's Chairman and Vice-Chairman, both of whom will join the Vietnamese delegation to Glasgow.

In the past month, we achieved a significant advocacy breakthrough by meeting with the Party's Central Economic Commission to discuss Roof Top Solar and DPPA. Vice-Chairman Gavin Smith led a compelling discussion that induced the Vice-Chairman of the CEC to invite GGSC to give further input. We wish to be able to bring other groups of GGSC to this strategic counterpart.



Andreatta Tomaso
Chairman



Budget

Let's talk about your money and how it is being used.

As many of you already know, GGSC funds come from membership fees. To date, we have 30 members who committed to renew, which is five less of what we expected at the beginning of the year. This means we achieved only 85% of our target income amounting to VND 131 million, while we realistically count with ca. VND 10M to 20M VND receivable membership fees (due to new members, renewal accounting issues or misunderstandings).

These funds are utilized to finance our advocacies through EuroCham, participate in high-level meetings and events, and provide input to the main stakeholders. Thus, the main expenditure side consists of the Secretariate fee for EuroChams Advocacy team (37M VND so far) and GGSC support staff (18M VND till now). Until the end of the year, we forecast ca. VND 28M more to be disbursed for these two matters of expense. Additionally, we predict ca. VND 5M more for translation services and other event support related expenditures.

Summed up, expenditures as of September equivalent to VND 57M, and further VND 41M expected costs until end of December (totally VND 98m), are covered by membership fees of ca. VND 130M to 150M in 2021. Additionally, GGSC did not spend VND 191m in the previous 5 years of existence and the (best case scenario) closing cash position of VND 246m is expected at the end of this year.

Compared to last year, membership fee income increased slightly (min. VND 3m; max. VND 25m in best case scenario), while the expenditure side has seen a big increase in Secretariate costs and thus, instead of VND 49m disbursements in 2020, we forecast VND 98m in 2021. As a last point in 2021, we would like to highlight the lower event or travel related expenditures while comparably low-cost impact is being reported from virtual tools etc.

Having summed up these main budget points, please see this as an encouragement to suggest direction of expenditures into meaningful activities and events related to the main mission of GGSC advocacy.



Christoph Schill
Vice Chairman
Treasury



Communications

We continue with our regular e-Bulletin with the aim of publishing 2-4 issues per year. Our electronic newsletters are directly sent to all GGSC members, and are posted on the Eurocham GGSC website.

However, in order to increase our reach among potential members, we are considering to offer free subscription to the GGSC e-bulletin. This means the sustainability projects of current members will get larger exposure as well.

Consequently, we have started work on refreshing the Eurocham GGSC website content and we hope to finish by year end. For any suggestions, please contact Bao Nguyen at minhbao1973@gmail.com.

In addition, we are also looking into increasing engagements in our LinkedIn page by increasing and improving content. In the meantime, if you haven't done so, please follow GGSC on LinkedIn [here](#).

Finally, thank you for your continued support for our e-bulletin. We always look forward to hearing about your companies' best practices in sustainability.



Bao Nguyen
Vice Chairman
Communications

Working Groups

ALLIANCE TO END PLASTIC WASTE



Circular Economy Working Group

The GGSC Circular Economy working group has been working closely with the Alliance to End Plastic Waste (AEPW) by providing advisory, local knowledge and valuable contacts to support their Vietnam projects. On the 1st of October, a consultation meeting was held with representatives from MONRE's Vietnam Environment Association (VEA) and the National Action Plastic Partnership (NPAP) to discuss and understand the priorities of the Vietnam government with regards to plastic waste management. AEPW also presented their organizational set-up and existing projects in other countries to align and identify the most appropriate activities or initiatives for Vietnam. Last October 4, an introductory meeting was also arranged between AEPW and Packaging Recycling Organization (PRO) Vietnam's key officers from LaVie, URC, Annam and Tetrapak to identify potential projects for collaboration or co-funding in Vietnam.

In addition, Circular Economy Working Group has been coordinating closely with Eurocham and the newly created Vietnam Business Forum Environment Working Group (VBF-EWG) to provide valuable comments and suggested revisions on the new decrees of the Environmental Protection Law (EPL) and Extended Producer Responsibility (EPR) to the Ministry of Natural Resources and Environment (MONRE). Several consultations have been held and several revisions have been effected as a result of such advocacies and interventions.

Lastly, after several postponement due to the latest COVID wave, the planned Circular Economy webinar has been rescheduled to November 16 from 2-4 pm. The initial list of presenters include Nestle, Evonik, Concordia, RKW and BASF. Other speakers from Eurocham, MONRE/VEA, VCCI/VBCSD and the Institute of Circular Economy are still being confirmed. We hope our Eurocham members can attend (for free) and this will also be open to non-Eurocham members for a small fee.



Erick Contreras
Vice Chairman
Circular Economy

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Panel Discussion

Moderated by Dr. Michael Waibel



Ms. Vuong Minh Hien,
ESG - Associate Director



Mr. Matthieu Bonnet,
CEO Artelia Group
Vietnam



Mr. Douglas Snyder,
Senior Advisor to
ARDOR Green



Mr. Tim Middleton,
LOTUS AP, member of
VGBC Board of
Directors



Mr. Bruno Fux, Ecocycle
& Sustainability Director
of INSEE, Siam City
Cement (Vietnam) Ltd.









Sustainable Cities Working Group

The committee hosted two successful webinars in June and September: *Sustainable construction for a better living environment* and *Promoting Sustainability in Vietnam's Construction Sector: The Potential of Green Building Certification Processes – Insights from the CAMaRSEC Project*. Each event attracted over 100 participants.

In June, the webinar on sustainable construction for a better living environment was graced by keynote speakers from MoC (Ministry of Construction), VGBC (Vietnam Green Building Council) and private sector representatives (Saint Gobain, Schneider Electric, Concordia and INSEE). It highlighted the importance of sustainable construction in fast growing sector in Vietnam. GGSC member companies shared their solutions and experience, thus encouraging others to follow the path of green growth.

Another webinar, this time in September focused on green building certificates. Whereas the number of buildings with green certificates increased over the past years, Vietnam still shows an abundant potential to further promote green buildings. Interesting insights from a recently conducted survey have been shared, indicating a lack of proper awareness. With the two successful webinars, GGSC and its members hope to increase the awareness of the benefits of sustainable construction, thus promoting green infrastructure in Vietnam.



Bruno Fux
Vice Chairman
Sustainable Cities Group



Water Working Group

The WWG is preparing a number of advocacy activities. An *issue paper* on Vietnam's water sector is currently under development. It highlights and discusses numerous water-related issues that are of concern for many European companies operating in Vietnam. This paper will serve as a guideline for the planned round-table talks with ministries and counterparts on national levels, as well as international donors being committed to Vietnam's water sector. The dialogue is tentatively scheduled for January 2022. Any companies or individuals interested in participating, kindly reach out to f.pogade@watersolutionssea.com.



Frank Pogade
Vice Chairman
Water Working Group



Renewable Energy Working Group

In September, GGSC had an online meeting with Mr. Nguyen DUC Hien, Vice-chair of the Central Economic Committee and his staff responsible for energy and economy. The committee's vice chairpersons Gavin Smith & Bruno Fux presented examples of clean energy

best practices from our GGSC members: INSEE/Ecocycle with their waste heat recovery, thermal energy from waste derived fuels and energy efficiency equipment; Heineken with their biomass power and heat generation and the ambition to brew with 100% renewable energy by 2025 with three approaches - Biomass, Solar and Biogas; and Deep C. with their 100% behind the meter renewable energy projects from solar & wind and is pilot of Eco-industrial Park initiative with UNIDO.

Gavin Smith delivered a presentation of energy priorities and recommendations on behalf of the renewable energy working group including: our call for support to the wind development industry; the end to curtailment of rooftop solar exports to the grid; a more diverse renewable energy market; and simplification of regulations for behind the meter clean energy plants.



Gavin Smith
Vice Chairman
Renewable Energy

Members' Initiatives



Carbon Capture in Water Management: An Important Step Towards Net-Zero

In order to remain below the global warming limit of 1.5 degrees Celsius until 2050, measures to reduce CO₂ emissions are apparently no longer sufficient. It is now a question of actively removing CO₂ from the atmosphere, in combination with other suitable measures.

Meeting the Paris climate targets aiming at combatting climate change and a long-term commitment to sustainable, green and inclusive development requires actions in many sectors

and on all levels.

Vietnam's water sector is no exception. While the Government's announced decarbonization targets are still disappointingly low, private companies may be able to make a difference. Many wish to offset and compensate their organisation's CO2 emissions and at the same time create additional value for small communities.

Water Solutions South-East Asia Co. Ltd. in cooperation with JTI Vietnam and TransAsia TanTec Ltd have implemented first carbon capture projects in Vietnam, namely in Soc Trang, Tay Ninh and Thanh Hoa provinces, combining afforestation, zero-energy wastewater treatment, irrigation and community development. While the scale of mentioned projects is still relatively small, all stakeholders consider this approach future-oriented and scalable.

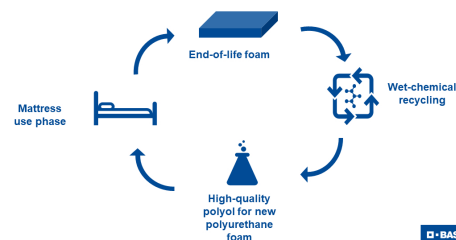
If you think about minimizing your CO2 footprint while helping local communities to develop, get in touch for more information: f.pogade@watersolutionssea.com



BASF launched IrgaCycle™ new additive solutions for mechanical recycling of plastics

The biggest challenge to plastic recyclers and converters while processing recycled plastics are the impurities and polymer contaminants contained in the recycled resins that accelerate polymer degradation. Hence, changing the material properties resulting to an end product that is inferior compared to that made from virgin materials. BASF's IrgaCycle™ addresses this problem by improving the properties of mechanically recycled plastics and therefore help increase the percentage of recycled content in many different end-use applications such as packaging, automotive & mobility, and building and construction.

BASF process for mattress recycling



BASF pilots making new mattresses from foam waste

In this initiative towards circularity in recycling of old mattresses, BASF's process breaks down the flexible polyurethane in the foam and turns that into raw materials to produce new high quality foams. With this, the mattresses don't have to be thrown away at the end of their lifecycle, reducing massive quantity of waste in the environment. The project also saves significant fossil resources to manufacture new soft foam mattresses, therefore reducing carbon footprint. First volumes of the recycled material will be delivered to project partners later this year to develop pilot projects together.



Concordia Hanoi Re-greens with GIZ-MOIT Program

Concordia International School Hanoi has been selected to join the Ministry of Industry and Trade (MOIT) and GIZ Energy Support Programme (ESP) in their year-long Small Energy Efficiency Group (SEEG) activity. Already with LEED and LOTUS-certified buildings, Concordia is a role model for other enterprises in the program.

“Concordia’s participation will be beneficial to other participants, seeing the outstanding energy conservation efforts on Concordia’s campus, and we hope their students can also learn from the program,” said Mr. Markus Bissel, Head of Energy Efficiency Component under the Renewable Energy and Energy Efficiency (4E) Project/GIZ Vietnam.

“I’m proud to attend a school that works to preserve our environment and as well as the future of our planet,” said Melayna (G12).

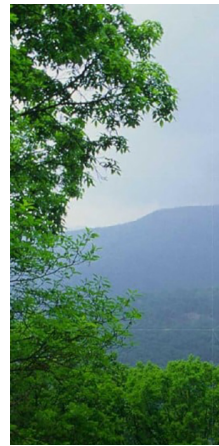
“I’ve read that a building ‘breathes’ through its construction, and I’m pleased to learn Concordia used materials like low VOC paint,” said Jinseo (G10).



INSEE 2021 PRIZE Revealed

On August 19, after over 5 months of coordination and deliberations, the INSEE Prize 2021 was announced. The winner is the *Mat Ngot Project*, a library for the children of Phuoc Tan A Primary School of Bac Ai district in the mountainous region of Ninh Thuan province. It was an entry by Hoang Minh Quan, Nguyen Hoang Phuoc and Phan Dinh Tuan of the University of Technology, Vietnam National University, Ho Chi Minh City.

According to the jury, this project stood out for its proposal of building a sustainable library with two main materials - straw and cement, then powering the building by solar cells - an energy source that optimizes sunny and windy environmental conditions in Ninh Thuan province. This eco-friendly project ultimately hopes to provide better teaching facilities that will engage and inspire learning.



CERTIFICATE EPD REGISTRATION

This document is to confirm that

SIAMCITYCEMENT (VIETNAM) LTD

has published an Environmental Product Declaration for

**CLINKER & CEMENT
INSEE VIETNAM**

with registration number S-P-03747
in the International EPD® System.

INSEE Vietnam: First cement company in SEA to achieve EPD

In July 2021, INSEE Vietnam completed the Environmental Product Declarations (EPD) that was approved by the 3rd party (Metsims Limited - Oxford, United Kingdom) and registered on The International EPD® System. This will help INSEE products meet the requirements of providing materials for projects applying green building standards: LEED V4, GreenStar, GreenMark, Lotus. The concept of EPDs is based on the standard ISO 14025, which is internationally recognized and developed within the International Organization for Standardization, such as the International EPD® System. It is an independently verified and registered document that communicates transparent and comparable information about the life-cycle environmental impact of products in a credible way.



**Unilever Vietnam Commits
to Net Zero**

Unilever Vietnam's (ULV) net-zero commitment by 2039 helps tackle climate issues through 3 actions: Plastic Waste Management, "Clean Future" campaign and Nature-based solutions.

Circular Economy in Plastic Waste Management model covers technology-innovation, communication-education, segregation-at-source & collection which brings plastic back to serve the economy and reduces GHGs, and policy building.

ULV now obtains 55% virgin plastic reduction, 62% recyclability, 100% PCR-applied bottles. "Clean Future" campaign heads to recycled and renewable carbon in formulations through transitioning away from fossil fuels as feedstocks for Homecare products' chemicals; producing highly-efficient cleaning ingredients from sustainably-sourced biomass, new bio-surfactant system, new high-performing bio-enzymes; turning industrial CO2 emissions into useful chemicals/minerals.

96% ULV's Homecare portfolio is biodegradable, aiming 100% by 2030.

Nature-based solutions with Planting trees help offset CO2 emissions. ULV's target is planting 1 million trees by 2025. Besides, we are now using 100% renewable grid-electricity across 5 continents.



Unilever's #StayStrongVietnam campaign supports Vietnam amid Covid-19

Unilever Vietnam (ULV), closely cooperating with Vietnamese Government, implements 2-year strategic campaign #StayStrongVietnam, heading to achieve 2 nationwide-scale missions: accompanying community in pandemic fighting, and advocacy for business continuity and recovery.

In a close collaboration between Ministry of Health (MoH), ULV delivers a comprehensive communications campaign to provide the community with personal hygiene and Covid-19 prevention knowledge, published on multiple communications channels, leveraging MoH's official channels to help people nationwide prevent from and fight against the pandemic. The campaign obtains a national scale of ~740M accumulated reach. ULV also offer immediate support to 2.6M people in 63 provinces through 2.5M products from eight of Unilever's brands.

Besides, ULV strives to ensure the business continuity during hard lockdowns and curfews through advocating for positive policies on pandemic-fighting and safe manufacturing. The company's advocacy efforts also contribute to policy building for economic recovery post pandemic.



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Covid Impact Lab

Leverage your remote team to reinforce collaboration while innovating and supporting the community!

6-week Design Thinking training and innovation acceleration for up to 6 collaborators

A team of students to build inclusive products & services

A contribution to our Covid Impact Fund supporting vulnerable population

COVID IMPACT LAB: Sustainable Innovation Across Generations

Staying creative and collaborative with a remote team is challenging, but it's also an absolute necessity to build business resilience and adapt to our new reality.

That's why Schoolab launched the Covid Impact Lab: a 6-week collaborative training program to help organizations tackle challenges of operating with remote teams.

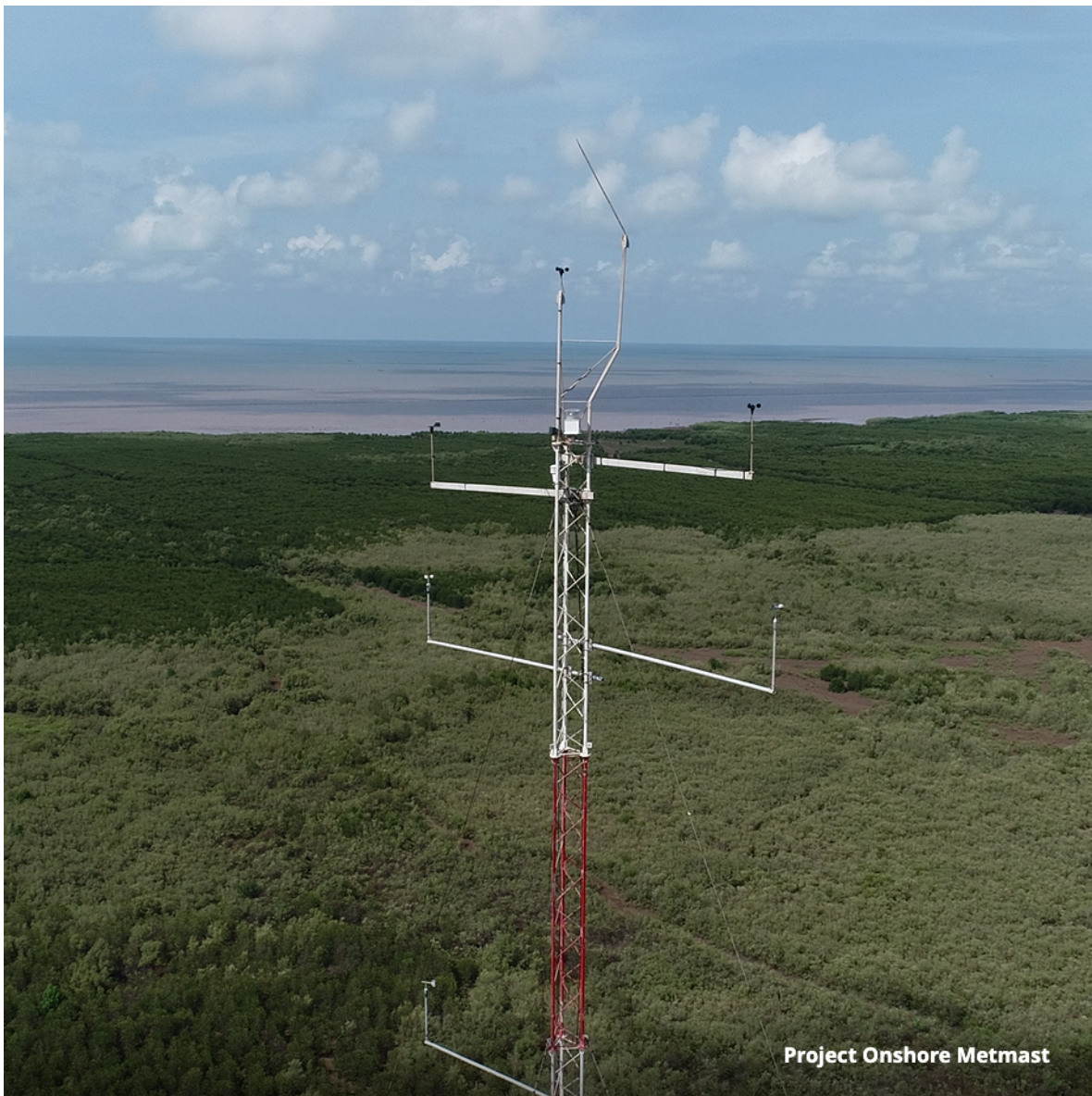
Six members of a team and 3 young talents team follow a step-by-step creative problem-solving process and builds a new innovative solution to a challenge defined by the team.

The package is accessible to all businesses and organisations. It includes a contribution to a Covid Impact fund which is later redistributed to impact partners directly support vulnerable populations in Vietnam.

The first batch onboarded 27 talents for 10 teams sponsored by 4 corporate partners. This batch supports \$1350 for our impact partners which represents 2.4 tons of plastic waste diverted while maintaining informal waste workers income.

For the second batch in December 2021, please register [here](#).





Mainstream Boosts Wind and Solar Portfolio in VN

Mainstream Renewable Power continues to expand its wind and solar portfolio in Vietnam market. Currently at various stages of developments are two projects: 2GW of wind power and 500MW of solar power.

Once the new government policy on renewable energy comes into effect in 2022, Mainstream will start deploying resources and contractors to build its first offshore wind farm in Mekong Delta region and solar farms in the highlands.

From beginning of 2024, the Phase 1 Mainstream's wind and solar projects will generate enough power that will meet the needs of 500,000 average Vietnam households and will eliminate some 1,000,000 tonnes of CO2 emissions each year.



S+A designs first building in Portugal with WELL Precertification

Verdelago Resort is the only nature resort to be born on the Eastern Algarve coastline. The project comprises villas, apartments, townhouses and a 5-star hotel. Designed by S+A, the priority in this set is given to nature - the idealized space merges into the morphological characteristics of the landscape and the commitment to a close relationship with the sea, surprising in its architecture of contemporary lines in which some traditional details of the region are found.

The entire project is designed based on a sustainability strategy, based on the LEED certification methodology, promoting the potential inherent to the site and the project. The natural lighting of the circulation spaces, the heterogeneity of elevations and the horizontal steps image, give this building a perfect environmental integration. Sustainability was strategical programmed in accordance with bioclimatic principles. Materials with a low environmental impact were used and the efficiency of existing resources was increased. All of these elements reflect a contemporary and cosmopolitan image of international standards.



Vietnam's First Utility-Scale BESS

A joint venture of AC Energy and AMI has been awarded a US\$2,962,000 grant by the U.S.

Consulate General, Ho Chi Minh City to develop the 15 MWh/7.5 MW Khanh Hoa Energy Storage project at the AMI Khanh Hoa solar farm (50MW) – the first utility-scale battery energy storage system (BESS) to be built in Vietnam. The project is expected to demonstrate the technical and economic capabilities of the energy storage technology and showcase how it can help maximize the efficiency and reliability of renewable energy.

New Members, Welcome!



Established in 1998, ALP is the market leader in aluminum and aluminum solutions for many fields of housing, construction, industrial equipment and energy. In the last 23 years, it has built a company of over 400 employees and a distribution system in 33 provinces and cities across Vietnam. With the business philosophy of "Shaping the Core" from three value chain of Quality, Creativity and Sustainability, ALP provide Aluminum profile solutions with high applicability and quality through 3 brands YNGHUA - DAI TAN – FUJI. More than 5000 diversified products in six business sectors: Building & Construction, Customer Durable, Standards Format, Energy & Electrical, Machinery & Equipment, Customize.

In addition to focusing on product quality and innovative solutions, ALP always upholds the role of sustainable development in the company's own long-term development journey, through a series of current and future strategies: Aluminum Green Material - 100% recyclable for generations; Wastewater treatment systems follow environmental protection standards; Applying green energy to business activities in order to reduce the effect of greenhouse gases (Solar energy supplied 50% total power of ALP); The plan to compensate for nature by 2025 covers 1000 trees for the natural environment; ALP Balance in 2030 - to restore resources and energy for the environment; To balance the CO2 emissions in production activities with environmental compensation; Establish ALP Aluminum Recycle Center by 2030.



AC Energy Corporation (PSE : ACEN) is the Philippine-listed energy platform of the Ayala Group. Founded in 1834, Ayala Corporation is one of the largest conglomerates in the Philippines with core interests in real estate, banking, telecommunications, and power. It has a growing presence in healthcare and logistics and investments in water, industrial, technologies, and infrastructure. In addition, Ayala's corporate social responsibility programs are managed under Ayala Foundation.

ACEN is at the forefront of the energy transition. The company currently has ~2100 MW of renewables capacity, among the highest in the region. ACEN is on track to attain its goal of 5000 MW of renewables capacity by 2025, and become the largest renewables platform in Southeast Asia.

AC Renewables International Pte Ltd. ("ACRI") is the international investment arm and subsidiary of ACEN for renewable energy investments in Vietnam, Indonesia, Australia, India, and other potential international markets. To date, AC Energy's international portfolio comprises 100% renewable energy projects with ~1,400 MW of net attributable capacity. Its

portfolio with its partners in Vietnam has reached ~1,000 MW of projects in operation and nearing completion, of which 637 MW is AC Energy's attributable capacity.

GGSC Members



36 companies and 3 individual members

Green Growth Sector Committee
GreenGrowthSC@eurochamvn.com

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