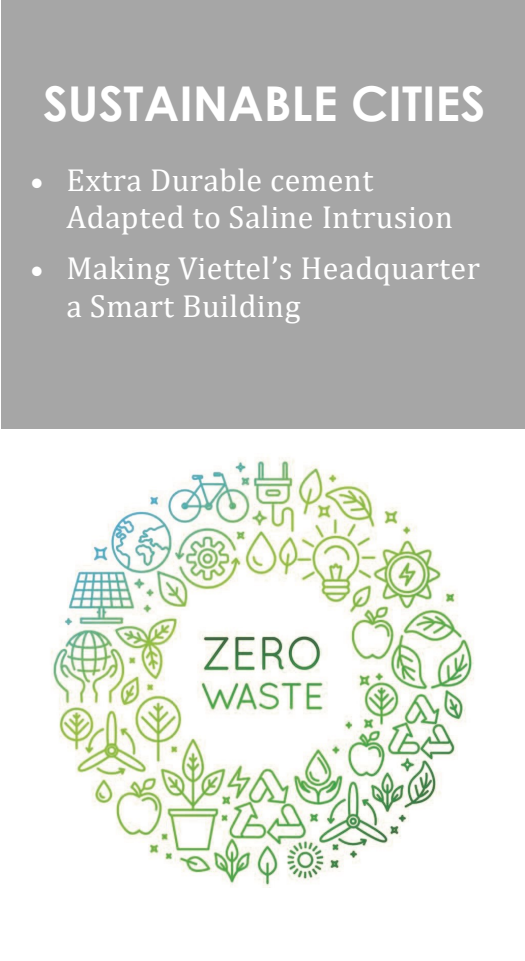



RENEWABLE ENERGY & ENERGY EFFICIENCY

- Polittburo Energy Vision to 2045
- "Made in Vietnam Energy Plan 2.0"
- 2.5 GW of Solar Energy in Vietnam



WORKING GROUP & MEMBER'S ACTIVITIES

- Renewable energy & energy efficiency
- Sustainable cities
- Circular economy



SUSTAINABLE CITIES

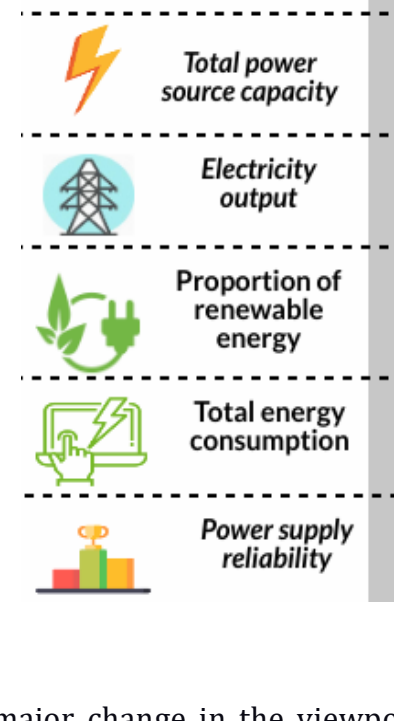
- Extra Durable cement Adapted to Saline Intrusion
- Making Viettel's Headquarter a Smart Building

SECRETARIAT

- Annual General Meeting
- Communication plan
- Budget
- Upcoming event

CIRCULAR ECONOMY

- Public-Private Collaboration in Plastic Waste Management
- Zero Plastic Waste Cities Project
- A Solution to Recycle Low-Value Marine Litter



WELCOME NEW MEMBERS

WORKING GROUP & MEMBER'S ACTIVITIES

RENEWABLE ENERGY & ENERGY EFFICIENCY

Polittburo Energy Vision to 2045

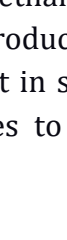

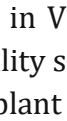


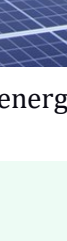
The Polittburo approved Vietnam's Strategic Orientations for Energy Development through 2030, vision to 2045 in Resolution 55-NQ/TW.

EuroCham GGSC has been engaged with the Central Economics Commission (CEC) of the Party since 2018, promoting the recommendations of the Made in Vietnam Energy Plan and the 2020 update to the Plan. Head of the Energy Working Group of GGSC, Gavin Smith noted that the Polittburo's Resolution 55 directs the government to implement many of our recommendations:

- Use renewable energy to displace some fossil fuel power stations
- Create transparent markets and encourage private sector investment
- Support self-production of energy by consumers
- Enact market-based pricing for electricity and remove harmful subsidies
- Implement the National Energy Efficiency Strategy



ENERGY DEVELOPMENT STRATEGY BY 2030

Targets	By 2030	Vision towards 2045
 Primary energy production	175-195 million tons of TOE	320-350 million tons of TOE
 Total power source capacity	125-130 WG	
 Electricity output	550-600 billion KWH	
 Proportion of renewable energy	15-20%	25-30%
 Total energy consumption	105-115 million tons of TOE	160-190 million tons of TOE
 Power supply reliability	Top 4 ASEAN	Top 3 ASEAN

Source: VGP

Resolution 55-NQ/TW is regarded as a major change in the viewpoint of Communist Party on energy. This resolution aims at protecting long-term energy security, diversifying the energy sources, engaging with economic sectors and developing innovative technology and infrastructure for this field.

While the goals set for the amount of renewable energy are still far short of the true potential volume of wind, solar and biomass power in Vietnam, the general principles of open markets, pricing based on value and reduction in the use of fossil fuels, are very welcome and reflect the close alignment of the CEC's and EuroCham GGSC's goals. Private investors have shown that they can apply capital very rapidly to meet Vietnam's energy needs sustainably, from domestic natural resources.

The Public Release of Made in Vietnam Energy Plan 2.0

On February 27, in Hanoi, Vietnam Business Forum (VBF) officially launched the second version of Made in Vietnam Energy Plan (MVEP 2.0).

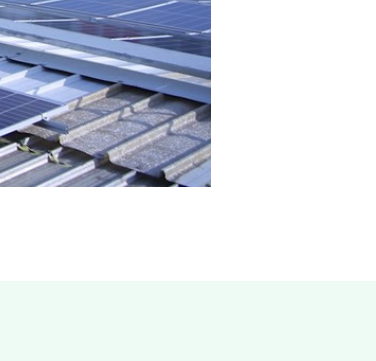
Source: Thanh Nien Online

MVEP 2.0 was prepared through a collective effort of Power and Energy Working Group in VBF. GGSC and this group have been working closely in terms of advocacy for changing in energy policies. Mr. Tomaso Andreatta and Mr. Gavin Smith, GGSC Chairman and Vice-Chairman, actively contributed to the revising and editing process of MVEP 2.0

MVEP 2.0 is based on the groundbreaking 2016 MVEP 1.0. MVEP 2.0 is developed during a fast-pace transition in global and local energy markets. Its final draft was finished on July 31, 2019.

2.5 GW of Solar Energy in Vietnam

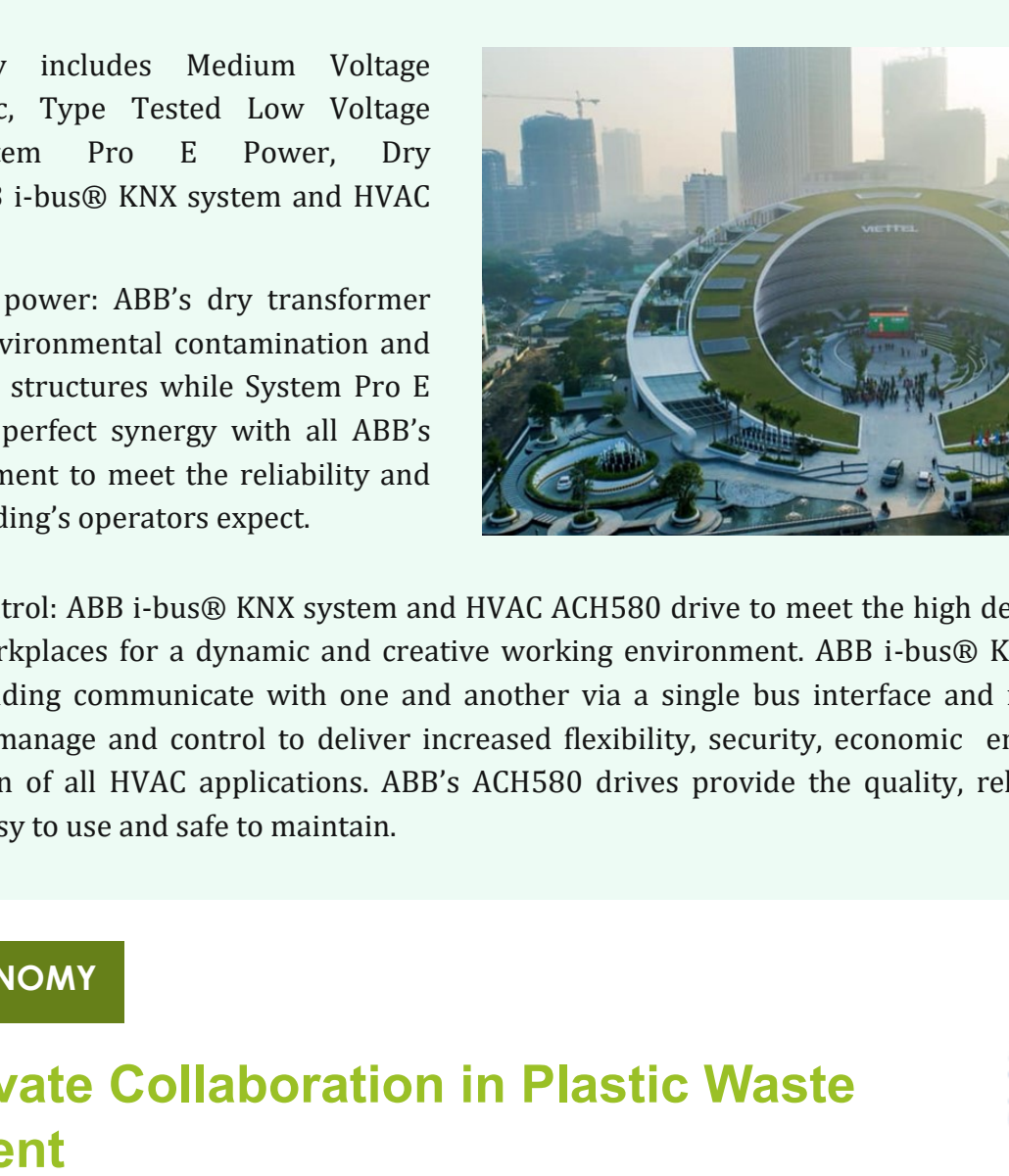
ABB POWER GRIDS



With Vietnam looking to renewable energy sources to meet the country's power generation needs, solar energy has been making great strides with more than 4.5 GW added into the national grid over recent years.

A solid track record and expertise in solar energy since 1990s, from grid connection and integration to smart grids and microgrids, have given confidence to investors and developers to use ABB Power Grids' technology for their projects. ABB Power Grids has successfully delivered products and solutions to help deliver generation and grid connections for over 2.5 GW of solar energy in Vietnam. The projects range in size from a 90 kWp solar power installation at ABB's factory in Bac Ninh to utility scale solar farms across the country. Orders placed to ABB Power Grids ranging from full electrical balance of plant (eBoP) and SCADA systems to high voltage (500kV, 220kV and 110kV) grid substations, inverters and medium voltage switchgear.

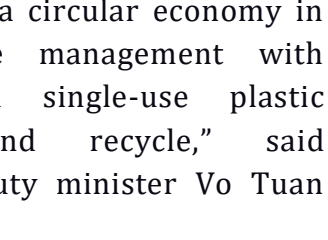
"Vietnam is at an exciting phase of its development. The decisions and investment made now and in the following few years for solar generation, storage, transmission and distribution will have long lasting implications for future generations. ABB Power Grids, with project experience in several Giga Watts of solar generation globally and the mix of global knowledge and local experience, will support realizing the government's ambition for a sustainable energy ecosystem," said Brian Hull, Country Managing Director of ABB Power Grids in Vietnam.



Solar energy at ABB factory in Bac Ninh

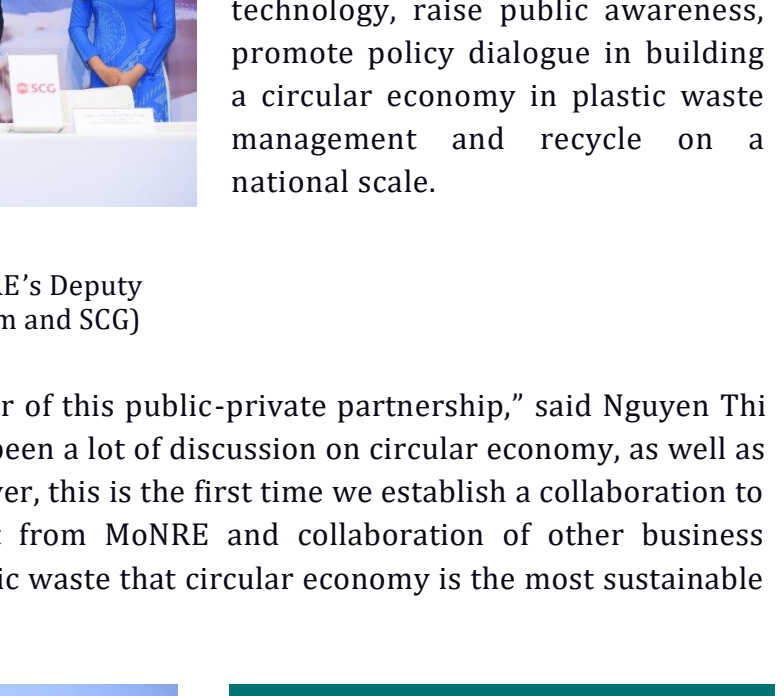
SUSTAINABLE CITIES

Extra Durable Cement Adapted to Saline Intrusion



INSEE

Since 2016, severe saline intrusion has significantly affected people in the Mekong Delta. In early 2020, its previous records of drought and seawater intrusion have been broken: more than 82,000 households are suffering from lack of freshwater, the salinity is more than 1‰ in the whole province of Ben Tre and even exceeds 4‰ in some areas.



To contribute to mitigating the impact of drought and salinity, INSEE Vietnam sponsors VND 500 million for buying water purifiers with water tanks to equip households and 500 tons of Sulphate Resistant INSEE Extra Durable cement for constructing houses in Ben Tre, Tien Giang, Ca Mau, Long An and Kien Giang.

"Saline intrusion has threatened life span of local houses because of aggressive environment including sulphate and chloride that directly degrade concrete and damage steel reinforcement. This urged us to research, develop and proudly launch Sulphate Resistant INSEE Extra Durable as a Green Label cement with several benefits:

- Better protection of steel reinforcement against corrosion, linked to lower permeability to chloride
- Lower risk of concrete degradation by sulphate attack



The products were applied and verified by large projects as Duyen Hai 2 Thermal Power Plant, Bac Lieu Offshore Wind Farm.", Mr. Baptiste Légeret — Commercial Director, INSEE Vietnam.

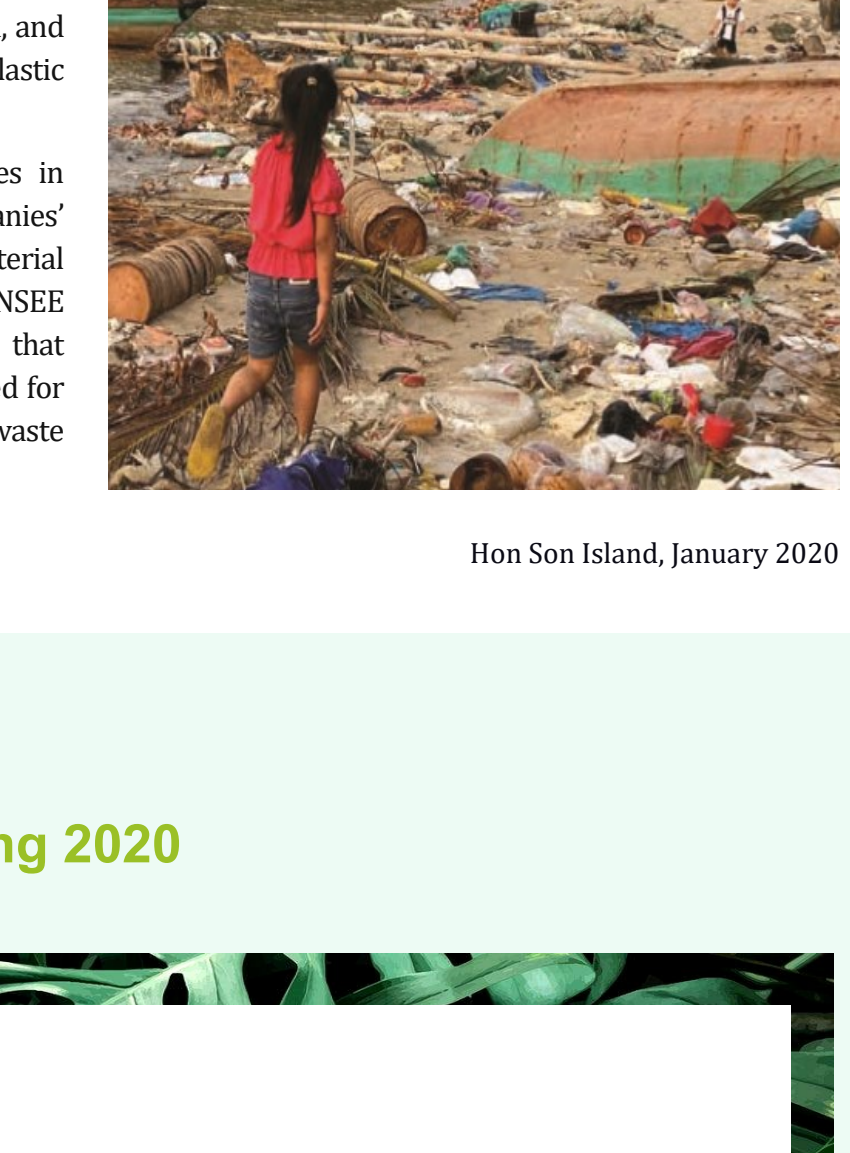
Making Viettel's Headquarter a Smart Building



ABB VIETNAM

As a Vietnamese technology leader in the country, Viettel aimed to develop their new headquarter building as a symbol of innovation so the technologies Viettel uses must help the customer to achieve this objective, ensure operational reliability and bring the most comfort to the people working in the building in the digital age. Thanks to ABB's solid record in the smart building sector, ABB was chosen to supply Viettel its pioneering technologies, helping Viettel Group to achieve green and innovative asset objectives for the headquarter.

Scope of supply includes Medium Voltage Switchgear Uniseq, Type Tested Low Voltage Switchgear, System Pro E Power, Dry Transformers, ABB i-bus® KNX system and HVAC ACH580 drives.

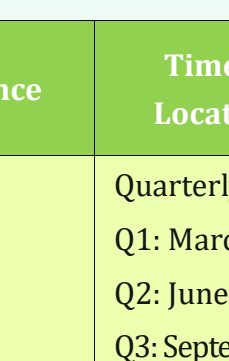


Strong and green power: ABB's dry transformer helps minimize environmental contamination and fire hazard for the structures while System Pro E Power brings the perfect synergy with all ABB's low voltage equipment to meet the reliability and efficiency that building's operators expect.

Smart building control: ABB's i-bus® KNX system and HVAC ACH580 drive to meet the high demand of safe, smart and connected workplaces for a dynamic and creative working environment. ABB i-bus® KNX system helps all devices of the building communicate with one and another via a single bus interface and makes Viettel office become easier to manage and control to deliver increased flexibility, security, economic ensuring reliable and effortless operation of all HVAC applications. ABB's ACH580 drives provide the quality, reliability, and energy savings, and are easy to use and safe to maintain.

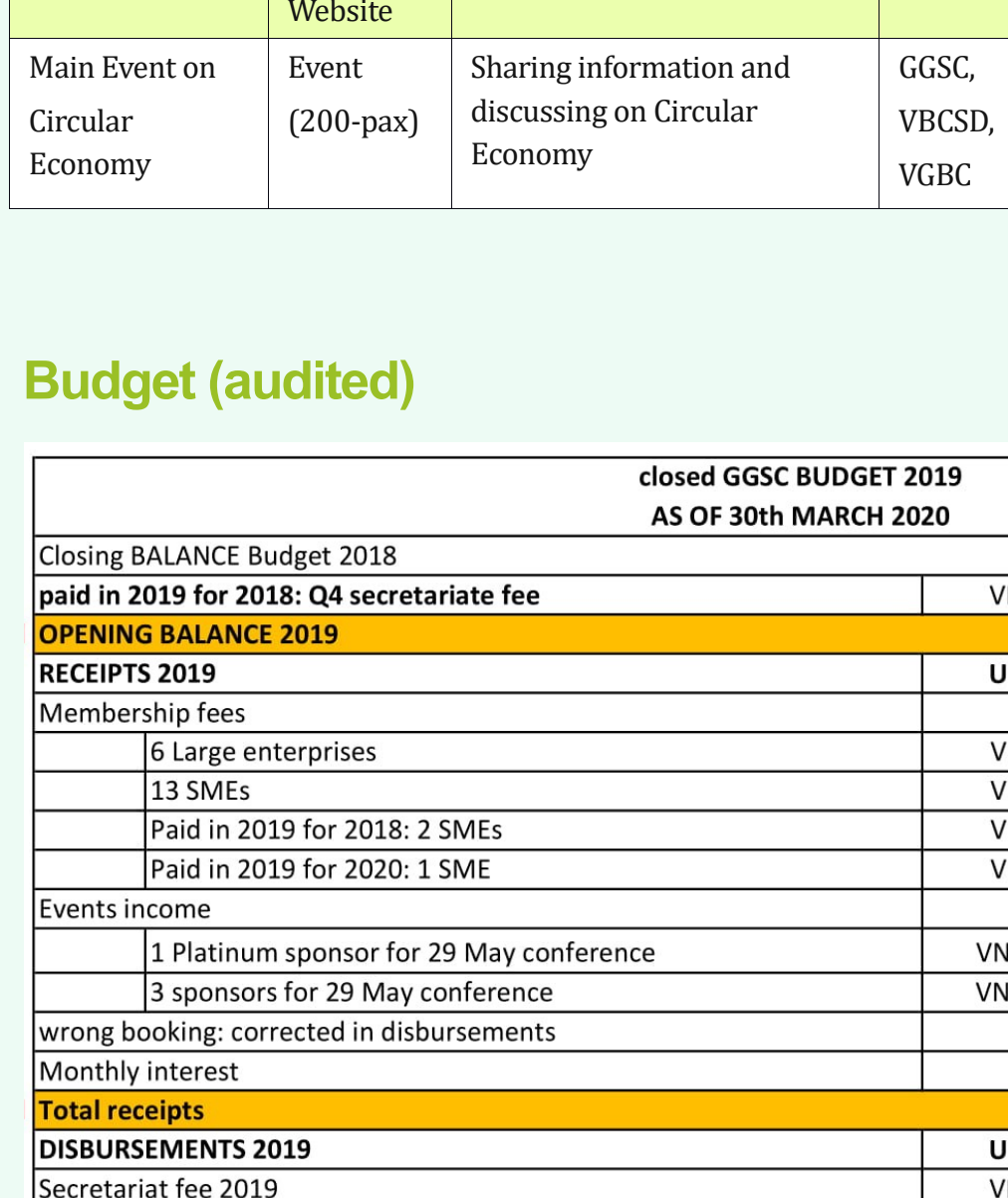
CIRCULAR ECONOMY

Public-Private Collaboration in Plastic Waste Management



UNILEVER

Feb 19th, 2020, The Ministry of Natural Resources and Environment (MoNRE), Unilever Vietnam International Co., Ltd. (Unilever Vietnam), Dow Chemical Co., Ltd. Vietnam (Dow Vietnam) and SCG have signed a memorandum to create a public-private collaboration to combat plastic waste in Vietnam.

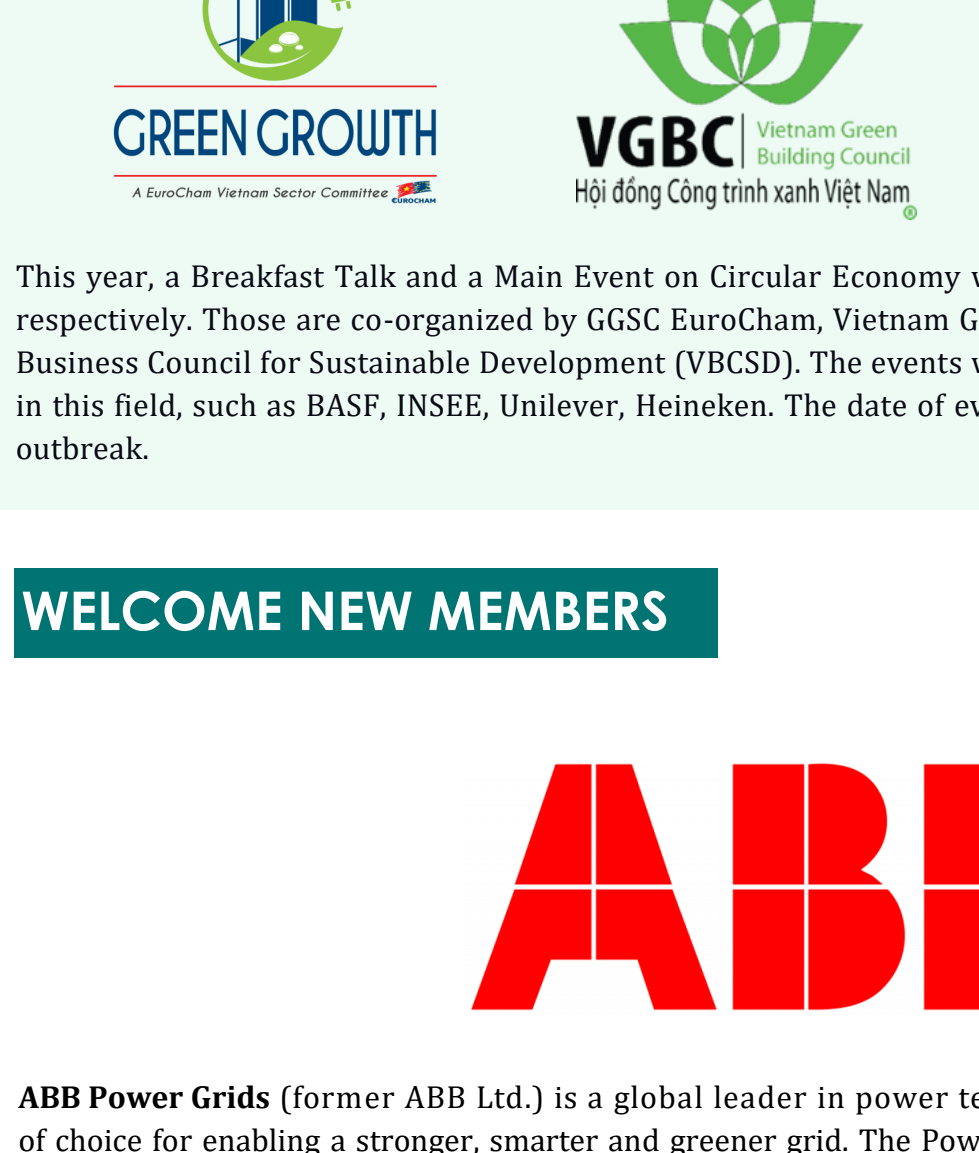


"This is the first public-private collaboration in the country that seek to build a circular economy in plastic waste management with emphasis on single-use plastic collection and recycle," said MoNRE's deputy minister Vo Tuan Nhan.

The collaboration's goals are to share knowledge, transfer technology, raise public awareness, promote policy dialogue in building a circular economy in plastic waste management and recycle on a national scale.

The signing ceremony of MOU on 19th, Feb (From left to right: Representative of Dow Vietnam, MoNRE's Deputy Minister Vo Tuan Nhan, representative of Unilever Vietnam and SCG)

"Unilever Vietnam is honoured to be a founding member of this public-private partnership," said Nguyen Thi Bich Van, Chairwoman of Unilever Vietnam. "There has been a lot of discussion on circular economy, as well as plastic waste segregation at source and recycling. However, this is the first time we establish a collaboration to build a circular economy properly. The endorsement from MoNRE and collaboration of other business partners have affirmed our approach in combating plastic waste that circular economy is the most sustainable solution for Vietnam."



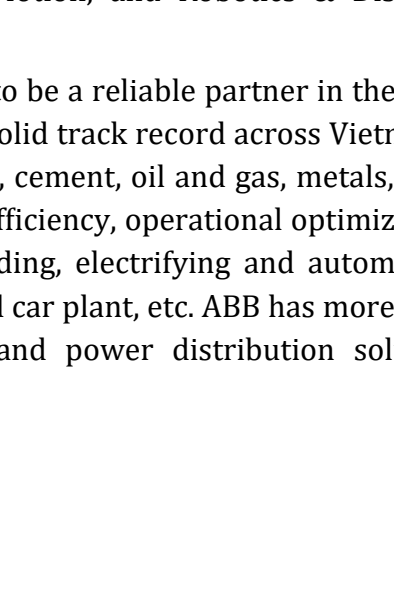
"in combating plastic waste [...], circular economy is the most sustainable solution for Vietnam."

Ms. Nguyen Thi Bich Van
Unilever Vietnam

Building a circular economy for plastics has been one of the company's long-term objectives under Unilever Sustainable Living Plan. Last year, Unilever has announced plans to cut use of virgin plastic by half and to use at least 25% recycled plastic in its packaging by 2025. The company has also reaffirmed its commitments to ensure all of its plastic packaging is reusable, recyclable or compostable, also by 2025.

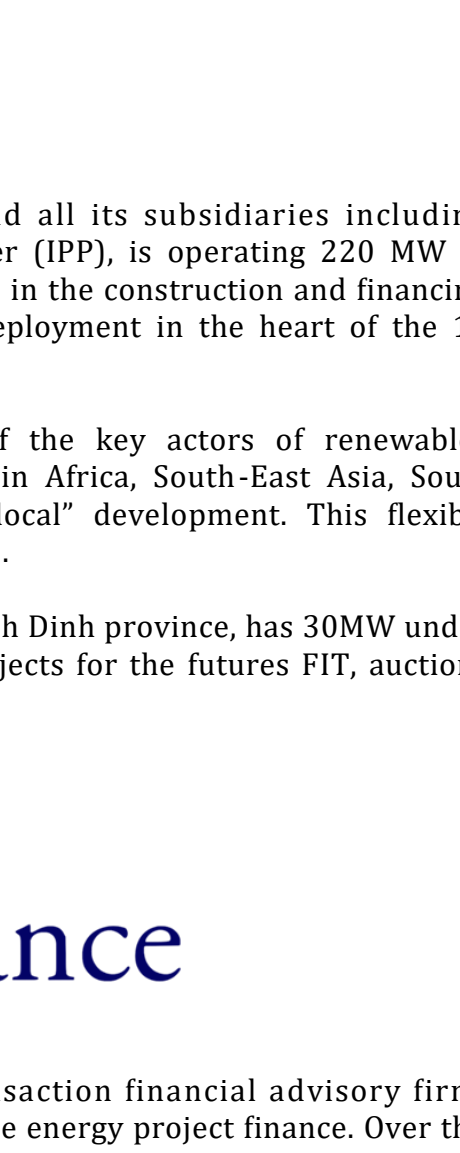
Zero Plastic Waste Cities Project

BASF



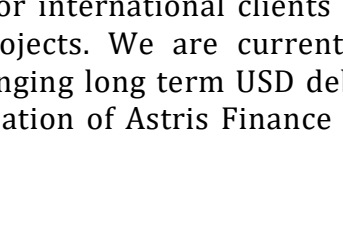
Zero Plastic Waste Cities is a project by Alliance to End Plastic Waste. As an active company in combating plastic waste, BASF has continually contributed to better plastic waste management in Vietnam. Besides GGSC, it is also a member of the global Alliance to End Plastic Waste.

In January 2020, BASF joined the launching event of Zero Plastic Cities in Long An province. Alliance to End Plastic Waste Vietnam has established partnership with local organizations, including World Wildlife Fund (WWF) Vietnam and several local Women's Association, to address the challenge of mismanaged plastic waste.



The project aims at halting the flow of plastic into the environment and creating employment for communities in need. To fulfill its goals, Alliance to End Plastic Waste is working with local partners and authorities to set up the social business.

A Solution to Recycle Low-Value Marine Litter



INSEE

Vietnam is the fourth-largest contributor to marine plastic pollution globally, with an estimated 2,500 tons of plastic waste discharged across Vietnam daily. The TONTOTON program cooperates with local authorities, communities, and businesses in the Mekong Delta region of South Vietnam, and the many beautiful islands around Vietnam, to reduce plastic leakage into the environment and the ocean.

TONTOTON rescues 'orphan-plastic' from land sources in equal weight to the plastic used to manufacture companies' goods. It then converts it into Alternative Fuel & Raw Material (AFR), applying the co-processing technology of INSEE Ecocycle Vietnam. Co-processing is a technology that uses waste and converts it into energy, reducing the need for conventional fuels. It also recovers the mineral value of waste to use as raw materials in the production of cement.



Hon Son Island, January 2020

SECRETARIAT

GGSC Annual General Meeting 2020

Reminder of

ANNUAL GENERAL MEETING 2020

Time

Tuesday, March 31st, 2020

Date

12:00 PM - 2:00 PM

Venue

Zoom Meeting - Meeting ID: 878 753 065

Main Discussion Points

Reports on 2019 activities of three working groups;
Activity plan for 2020;
Budget approval.

Communications Plan 2020

Deliverable	Method	Purpose	Owner	Audience	Time & Location
E-bulletin	Email newsletter	Updating new policies of government, sharing activities of working groups and members	GGSC Communications	GGSC Members	Quarterly Q1: March Q2: June Q3: September Q4: December
Breakfast Talk on Circular Economy	Small talk (20-pax)	Promoting Circular Economy for entrepreneurs	GGSC, VBSCD, VGBC	Companies (mostly non-member of GGSC)	June - Ho Chi Minh City (TBC)
Green Book & Green Growth Platform	Small book (soft & hard copy) Website	Introducing activities of GGSC members Promoting green growth for enterprises	GGSC, EuroCham	Public (mostly companies, organizations, government)	2020
Main Event on Circular Economy	Event (200-pax)	Sharing information and discussing on Circular Economy	GGSC, VBSCD, VGBC	Officials, Experts Companies	September / October (TBC) Hanoi

Budget (audited)

Closed GGSC BUDGET 2019				
AS OF 30th MARCH 2020				
Closing BALANCE Budget 2018				VND 89.939.229
paid in 2019 for 2018: Q4 secretariate fee			VND 2.245.000	3 VND 6.735.000
OPENING BALANCE 2019				VND 96.674.229
RECEIPTS 2019				
Membership fees			Unit price	Quantity Total
6 Large enterprises			VND 7.500.000	6 VND 45.000.000
13 SMEs			VND 3.500.000	13 VND 45.750.000
Paid in 2019 for 2018: 2 SMEs			VND 3.500.000	2 VND 7.000.000
Paid in 2019 for 2020: 1 SME			VND 3.500.000	1 VND 3.500.000
Events income				VND 1.149
1 Platinum sponsor for 29 May conference			VND 48.000.000	1 VND 48.000.000
3 Sponsors for 29 Mar conference			VND 24.000.000	3 VND 72.000.000
Wrong booking: corrected in disbursements				VND 1.200.000
Monthly interest				VND 1.149
Total receipts				VND 217.108.149
DISBURSEMENTS 2019				
Secretariat fee 2019			Unit price	Quantity Total
paid in 2019 for 2018: Q4 secretariate fee			VND 2.245.000	9 VND 20.205.000
			VND 2.245.000	3 VND 6.735.000
Staff expenses				VND 38.683.000
Salary for intern (Mar - June 2019)			VND 14.857.000	1 VND 14.857.000
Salary for intern (July - Dec 2019)			VND 23.826.000	1 VND 23.826.000
Events spending				VND 121.589.160
29 May event in HCMC: venue			VND 45.359.160	1 VND 45.359.160
29 May event in HCMC: event agency			VND 76.230.000	1 VND 76.230.000
OTHER expenses				VND 13.335.750
VBSCD membership				VND 11.577.500
Banking audit fee				VND 558.250
Wrong booking / correction booking from receipts				VND 1.200.000
Total disbursements				VND 200.547.910
2019 balance: Receipts over disbursements				VND 16.560.239
Closing bank balance: 2019 receipts + opening balance - 2019 disbursements				VND 113.234.468

Upcoming Breakfast Talk and Event on Circular Economy

GREEN GROWTH

A EuroCham Working Sector Committee

VGBIC

Vietnam Green Building Council

Hội đồng Công trình Xanh Việt Nam

Hội đồng Doanh nghiệp vì sự Phát triển Bền vững Việt Nam

This year, a Breakfast Talk and a Main Event on Circular Economy will be held in Ho Chi Minh City and Hanoi respectively. Those are co-organized by GGSC EuroCham, Vietnam Green Building Council (VGBIC) and Vietnam Business Council for Sustainable Development (VBSCD). The events will gather panelists from active companies in this field, such as BASF, INSEE, Unilever, Heineken. The date of events will be confirmed after the COVID-19 outbreak.

WELCOME NEW MEMBERS

ABB Power Grids (former ABB Ltd.) is a global leader in power technologies and aspires to be the partner of choice for enabling a stronger, smarter and greener grid. The Power Grids business provides product, system, software and service solutions across the power value chain that are designed to meet the growing demand for electricity with minimum environmental impact. These solutions support utility, industry and transport & infrastructure customers to plan, build, operate and maintain their power infrastructure. They are designed to facilitate the safe, reliable and efficient integration, transmission and distribution of bulk and distributed energy generated from conventional and renewable sources.

ABB Power Grids has been operating in Vietnam for over 27 years, employing 700 staff across two manufacturing sites in Hanoi and Bac Ninh and with sales/service offices in Hanoi, HCMC and Danang. We have delivered many projects for our key utility customer, EVN, over the years and more recently have worked with a wide range of customers to deliver projects for wind and solar projects with a combined capacity over 2,500 MW.

ABB Vietnam (GGSC new member) is part of ABB Group, a technology leader that is driving the digital transformation of industries. With a history of innovation spanning more than 130 years, ABB has four customer-focused, globally leading businesses: Electrification, Industrial Automation, Motion, and Robotics & Discrete Automation, supported by the ABB Ability™ digital platform.

ABB started operations in Vietnam in 1993. In the 27 years since, it has grown to be a reliable partner in the field of technology, providing turnkey solutions and services in the market. ABB has solid track record across Vietnam's utilities, renewable energy, water as well as industries including smart building, cement, oil and gas, metals, food and beverage, etc. ABB's technologies are helping customer to drive reliability, efficiency, operational optimization and uptime. Recent projects include making Viettel headquarter a smart building, electrifying and automating Dohac Pulp and Paper mill, digitalizing Tan Thang Cement, VinFast scooter and car plant, etc. ABB has more than 200 employees working across sales offices in Ho Chi Minh City, Hanoi and power distribution solution manufacturing site in Bac Ninh.

Qair, previously known as Lucia Holding, Quadran International and all its subsidiaries including Quadran Vietnam (now Qair Vietnam), an Independent Power Producer (IPP), is operating 220 MW of power generation assets exclusively from renewable sources. The group is in the construction and financing phase for 780 MW and is also developing 3 GW of assets for future deployment in the heart of the 12 territories in which it operates.

Qair has expanded into 12 countries, progressively becoming one of the key actors of renewables development in emerging countries. Thanks to its worldwide network in Africa, South-East Asia, South America and Europe, Qair continues its global, reasoned and "multi-local" development. This flexible approach enables it to aim for the commissioning of 1 GW of assets by 2022.

In 2019, Qair Vietnam has commissioned a 50 MW solar power plant in Binh Dinh province, has 30MW under financing (solar), 100MW in pre-feasibility (wind), and a portfolio of projects for the futures FIT, auctions and DPPA.

Astris Finance

Astris Finance Vietnam is a leading independent investment and transaction financial advisory firm, with unmatched expertise in emerging market infrastructure and renewable energy project finance. Over the past year and half, Astris Finance Vietnam has arranged and closed two debt financings on a project finance non-recourse basis in the wind (Dam Nai Project) and solar sectors (Cat Hiep Project) with the largest domestic banks. Astris Finance remains very active in the Vietnamese renewable energy market. Currently, Astris Finance Vietnam is acting as sell-side or buy-side advisors to Vietnamese or international clients in connection with the acquisition or sell of renewable energy/infrastructure projects. We are currently arranging the financing of a pipeline of 260MW wind farm projects, looking at bringing long term USD debt financings (on the back of a local bank's guarantee). This would be a strong indication of Astris Finance in renewable energy market in Vietnam.

INTESA

SANPAOLO

PRACISIS

DuaneMorris

Vietnam LLC

ABB

ABB Power Grids

DRAGON CAPITAL

INSEE

Schneider Electric

Signify

formerly, Philips Lighting

AES

we are energy

BASF

We create chemistry

Freshfields Bruckhaus Deringer

HEINEKEN

BECKEN & CO. BREWERY

SAINT-GOBAIN

DEEP C

INDUSTRIAL ZONES

MAINSTREAM RENEWABLE POWER

Hogan Lovells

CONCORDIA

BESTIANI

KIPMA

Unilever

RLG

REVERSE LOGISTICS GROUP

Qair

Astris Finance

NAMI ENERGY

ABB

ABB Vietnam

Royal HaskoningDHV

Enhancing Society Together

For more information or subscribe e-bulletin, please contact: GreenGrowthSC@eurochamvn.org