# 2020 3RD GLOBAL CORPORATE SUSTAINABILITY FORUM

INVESTMENT · INNOVATION · INCLUSIVENESS 18-19 November 2020



Host





# 2020 GCSF Pandemic Control

Global Corporate Sustainability Forum is implementing the prevention measures in response to COVID-19 for the award ceremony and workshops as below.

- 1. Wearing face mask is mandatory throughout the entire forum.
- 2. Temperature check is required before entering the venues. People with forehead temperature above 37.5°C° or ear temperature above 38°C will be declined for entry.
- 3. Alcohol-based hand sanitizers are provided at the venue, please apply them regularly.
- 4. Please complete the health declaration before participating in the forum.







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### WELCOME MESSAGE

Welcome to The 3rd Global Corporate Sustainability Forum (GCSF) in 2020 host by Alliance for Sustainable Development Goals ( $A \cdot SDGs$ ), executed by Taiwan Institute for Sustainable Energy (TAISE). GCSF provides a common platform among policy makers and business communities to exchange their views on promoting and implementing sustainability. The theme for 2020 focus on the "3 Is" namely Sustainable Investment, Innovation Driven Sustainability, and Inclusiveness Sustainable Development.

2020 is the 5th year after the establishment of the United Nations Sustainable Development Goals (SDGs), it has presented a new set of unforeseen challenges. The social and economic costs of the pandemic have been exacerbated worldwide. Appreciation to the advanced technology and the success in combating COVID-19 by the Taiwanese government, which allowed us to be able to host the 3rd GCSF this year with 2,000 people attending physically.

In response to COVID-19 pandemic worldwide, the host specially held 3 online seminars throughout the 3 weeks prior to the 2-day forum viewed by over 20,000 people. The online seminar allowed 15 international experts from ten different countries to deliver the latest sustainability knowledge and trends, whilst being restricted from travelling due to the pandemic. GCSF, the largest sustainability forum in Asia, serves as a dynamic platform where over 2,500 corporate leaders, government executives, and sustainability experts gathers to formulate effective partnerships. GCSF this year signifies the importance to overcome challenges and to achieve SDGs.

GCSF opens with the award ceremony for Global Corporate Sustainability Award (GCSA) and for Taiwan Corporate Sustainability Award (TCSA). The 2-day forum consists of 17 workshops and dialogues filled with visions and purpose. Your participation is important in the journey of creating a sustainable future. Let us all keep our effort in working toward sustainability.

### A•SDGs



### Dr. Eugene Chien

- Chairman, Global Corporate Sustainability Forum
- Ambassador-at-Large, Republic of China (Taiwan)
- Chairman, Taiwan Institute for Sustainable Energy

#### Experience:

- Minister of Foreign Affairs
- Minister of Transportation and Communications
- Minister of Environmental Protection Administration

### ABOUT GCSF Global Corporate Sustainability Forum







GCSF Official Website https://www.globalcsforum.com/

With the worldwide efforts in proactive dealing with the UN Sustainable Development Goals (SDGs) and Paris Agreement with dedication to promote of sustainable development and dealing with climate change. Global Corporate Sustainability Forum (GCSF), the largest Sustainability Forum in Asia hosted by the Alliance for Sustainable Development Goals (A·SDGs) jointly organized by industry, government, academia and research institutes.

# ABOUT A-SDGs

The Alliance for Sustainable Development Goals (A·SDGs) established in August 2018 addresses the importance of SDGs. The alliance consists of corporations, government agencies, universities, research institutions, as well as NGO/NPOs. A·SDGs' mission is to build consciousness towards SDGs in businesses' core value, offering a network platform in building green business opportunities to further strengthen competitive-ness and facilitate towards achieving SDGs. A·SDGs made efforts to increase awareness in sustainable development, establish partnership among stakeholders, and promote sustainable education. The alliance will continue its effort in encouraging its member organizations to engage into the journey of achieving SDGs.

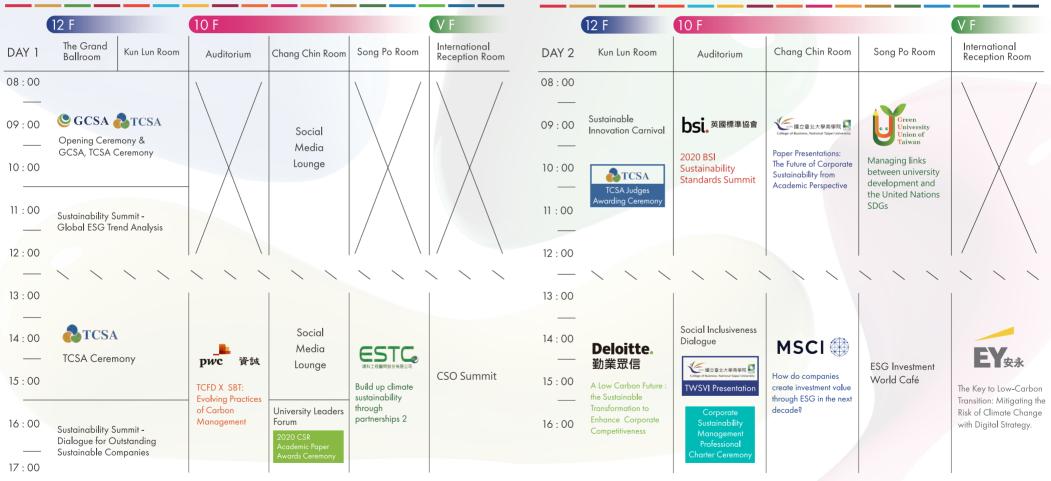
#### MEMBERS (Up to Nov., 2020)

Government Agency	Environmental Protection Administration, National Audit Office, Research Center for Environmental Changes of Academia Sinica, Central Taiwan Science Park, Hsinchu Science Park, Southern Taiwan Science Park
University	National Taipei University, Nanhua University, National Taiwan Normal University, Ming Chuan University, National Chengchi University, National University of Kaohsiung, Kun Shan University, Yuan Ze University, National Chiao Tung University, I-Shou University, Feng Chia University, Da-Yeh University, National Kaohsiung University of Science and Technology, National Central University, Fo Gang University, Fu Jen Catholic University, National Dong Hwa University, Tzu Chi University, National Chung Cheng University, National Taiwan University of Science and Technology, National Tsing Hua University, National Taiwan University, Chinese Culture University, National Taipei University of Nursing and Health Sciences, National Cheng Kung University, Chaoyang University of Technology, National Chin-Yi University of Technology, National Chi Nan University, China Medical University
Manufacturing	Advanced Semiconductor Engineering, Inc., Asia Cement Corporation, AU Optronics Corporation, Compal Electronics, Inc., CPC Corporation Taiwan, Delta Electronics, Inc., Far Eastern New Century Corporation, HiWin Technologies Corp., Nanya Technology Corporation, Powertech Technology Inc., Taiwan Cement Ltd., Taiwan Power Company, Taiwan Semiconductor Manufacturing Company, Ltd., TECO Electric & Machinery Co., Ltd., The Great Taipei Gas Corporation
Retail	Breeze Center Corp., Ever Rich D.F.S Corporation, Far Eastern Department Stores Ltd., Pacific SOGO Department Stores Co., Ltd.
Service	Acer Incorporated, China Airlines Ltd., CTCI Corporation, ECOVE Environment Corporation, Eva Airways Corporation, Fabulous International Holding, Far EasTone Telecommunications Co., Ltd., Hotai Motor Co., Ltd., REIJU Construction Co., Ltd., Sinyi Realty, Taiwan Shin Kong Security Co., Ltd.
Finance and Insurance	Cathay Financial Holding Co., Ltd., CTBC Financial Holding Co., Ltd., E. SUN Financial Holding Company, Ltd, First Financial Holding Co., Ltd., Fubon Financial Holding Co., Ltd., Shin Kong Life Insurance Co., Ltd., Taishin Financial Holding Co., Ltd., TransGlobe Life Insurance Inc.
Accounting Firms	Deloitte Taiwan, EY Taiwan, PwC Taiwan
Research Institution	Chung-Hua Institution for Economic Research, Commerce Development Research Institute, Industrial Technology Research Institute, Taiwan Institute of Economic Research, Taiwan Research Institute
NGO/ NPO	Chinese National Association of Idustry and Commerce, CTCI Education Foundation, Corporate Sustainability Advisory Committee, Environmental Quality Protection Foundation, Foundation of Taiwan Industry Service, Jing Chuan Child Safety Foundation, The Business Council for Sustainable Development of Taiwan, Taiwan Carbon Capture Storage and Utilization Association, Taiwan Environmental Management Foundation, Taiwan Institute for Sustainable Energy, Telecommu- nication & Transportation Foundation, ICLEI- Local Governments for Sustainability, International Climate Development Institute, Industraial Safety and Health Association (ISHA) of the R.O.C



# AGENDA

### 18.Nov 2020 GCSF AGENDA



### 19.Nov 2020 GCSF AGENDA

2020 Global Corporate Sustainability Forum - Investment · Innovation · Inclusiveness | 05



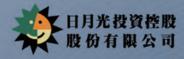
### 能源永續,能率同行

New concept of Innovation and conserve energy CSR starts in the office.



Abico provides smart environmental protection, recycling energy-saving space and equipment planning completely, also improve employee health CHR and ESG public welfare activities. We hope to hat with warm and professional services, it will help enterprises to save energy and reduce carbon, promote employee health innovative development of rural education and social welfare with warm and professional services, establish a new relationship of trust for sharing and mutual benefit.





發展智慧能源與投資再生能源為日月光實踐企業 社會責任的使命。本公司再生電力占總用電量 14%,全球已7廠區使用100%再生電力,並擁有 12棟綠色工廠與26項綠建築認證,水循環回收量 約可供28萬人整年用水量。

能資源循環 Energy Resources Recycling

日月光將於2020年底前建置完成18座智慧工廠, 持續以自動化、高異質性機器設備整合與高異質 性微系統封裝整合,強化智慧設計、增強式分 析、虛實整合等跨領域能力,實踐客戶、供應商 與日月光製造流程三維度異質整合。



股票代碼: 3711

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NYSE : ASX



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資安管理 Information Security Management

導入NIST CSF成熟度評量,依據辨識、防護、偵測、應變與復原綜理公司整體資安成熟度,推動網路安全規劃與改進計畫。整合資安法規遵循、供應鏈安全管理與要求及內部資料保護控制稽核制度,落實資安策略發展與有效治理。

Pandemic Preparedness 效率防疫

成立全球防疫專責小組,進行情境模擬、執行應 對計畫及支援協調衝擊,透過有效溝通與提前佈 署落實危機管理。日月光建造半導體Class 100K 等級之無塵室環境進行醫用口罩生產,提供員工 使用,全面控管COVID-19帶來的危機。

### 邁向永續共贏的未來

低碳使命 ・ 循環再生 ・ 社會共融 ・ 價値共創

日月光投控為全球領先半導體封裝與測試製造服務公司,專注本業厚植研發實力,並以「低碳使命、循環再生、社會共融、價值共創」四大面向作為企業永續發展策略,據此發展智慧工廠、效率防疫、能資源循環及資安管理等創新模式與制度,因應產業趨勢,有效掌握社會脈動,並深耕永續價值與文化,落實企業社會責任,推動正面影響力。

aseglobal.com

人口の友達光電



**循環技術延伸** 製程用水全回收



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的美洲

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**供應鏈結盟** 含銅廢液萃取銅棒

循環經濟價值鏈 含砂副產品再利用 (發肥&發氫水)



# R

如果不問如果 又怎麼知道其實我們能夠?

🔍 如果我們能夠 🛛 熱映中

2020 Green Power Eco Power



全球暖化速度超乎預期, 為貫徹國家環境政策, 多年來台灣中油提升煉化及天然氣操作效率, 讓夏季用電減碳又便利。

(III)



廣告



### **Sustainability Summit**



### 18.Nov, @ 12F The Grand Ballroom

The two sustainability summit meetings will focus respectively on "Global ESG Investment Trends" and "Enterprise Model Benchmarking Learning". The former will feature representatives from the three world-renowned accounting firms Deloitte, Ernst & Young and PricewaterhouseCoopers in Taiwan to talk about ESG investment performance and risk challenges. In the latter, representatives from the TCSA Corporate Comprehensive Performance Model Award winners were invited to share their successful experience of promoting CSR and core corporate business strategies, correlating with the UN Sustainable Development Goals.

### 10:45 - 12:00 Global ESG Trend Analysis



Casey K.C. Lai CEO, Deloitte Taiwan



Eric Dugelay Partner, Deloitte France Task Force Expert, TCFD



Andrew Fuh Country Managing Partner, Ernst & Young



Joseph Chou Chairman & CEO, PwC Taiwan

### 16:00 - 17:00 Dialogue for Outstanding Sustainable Companies

"Sustainability for Taiwan: Make a Great Contribution to Our Local Community"



Yuan-Chuan Lin General manager,

General manager, Panasonic Taiwan Co.,Ltd "Open Possible: Never stop improving ourselves to meet the highest sustainability standards"



Iris Liu

Vice President, Taiwan Mobile Co., Ltd. (Sustainability & Brand Development Division)

"TSMC's Sustainability drives Wonderful Changes"



Manager, Taiwan Semiconductor Manufacturing Company

### **TCFD X SBT Evolving Practices of Carbon Management**



### 18.Nov, 13:30 - 17:00 @ 10F Auditorium

PwC Taiwan has been leading in Sustainability and issues of Carbon Management for years. In this forum, PwC Taiwan has invited Microsoft Taiwan Corporation, TSMC, Decathlon Taiwan to share their key actions of Carbon Management and Low-Carbon Transition.



Fliza li Leader, Sustainability and Climate Change Services, PwC Taiwan



Larry Sun Manager, TSMC ESH Division



Kuei-Tien Chou Director, Risk Society and Policy Research Center, NTU



Gaven Chang Director, Sustainability and Climate Change Services, PwC Taiwan





Tony Mo Secretary-General, **BCSD-Taiwan** 

Decathlon Taiwan



#### Vincent Shih

Assistant General Counsel of Microsoft and General Manager of Microsoft Taiwan Corporate, External, and Legal Affairs (CELA) team

13 : 30	Registration
14 : 00	Opening Remarks : Eliza Li, Leader, Sustainability and Climate Change Services, PwC Taiwan
14 : 10	Keynote Speech: The Challenge of Global Low-Carbon Transition Kuei-Tien Chou, Director, Risk Society and Policy Research Center, NTU
14 : 40	Analysis on implementation of TCFD climate governance and strategy Gaven Chang, Director, Sustainability and Climate Change Services, PwC Taiwan
15 : 00	Towards a Sustainable Future : The Practices of Digital Technology Vincent Shih, Assistant General Counsel of Microsoft and General Manager of Microsoft Taiwan Corporate, External, and Legal Affairs (CELA) team
15 : 20	Responding Climate Risk, TSMC's experience to promote TCFD Larry Sun, Manager, TSMC ESH Division
15 : 40	Decathlon Taiwan Sustainability priorities Thomas Walk, Sustainable Development in Production Leader, Decathlon Taiwan
16 : 00	Coffee Break
16 : 10	Panel Discussion         Moderator :         Eliza Li, Leader, Sustainability and Climate Change Services, PwC Taiwan         Panelists :         - Tony MO, Secretary-General, Taiwan Business Council for Sustainable Development (BCSD-Taiwan)         - Kuei-Tien Chou, Director, Risk Society and Policy Research Center, NTU         - Vincent Shih, Assistant General Counsel of Microsoft and General Manager of Microsoft Taiwan         Corporate, External, and Legal Affairs (CELA) team
	- Thomas Walk, Sustainable Development in Production Leader,Decathlon Taiwan
16 : 50	Closing : - Eugene Chien, Ambassador-at-Large, Republic of China (Taiwan) Chairman Taiwan Institute for Sustainable Energy
17 : 00	- Eliza Li, Leader, Sustainability and Climate Change Services, PwC Taiwan



### University Leaders Forum



15 : 15

15:30

Registration

Moderator :

### 18.Nov, 15:15 - 17:00 @ 10F Chang Chin Room

University is an important practice base for sustainability, and also the backstage driving force for society and country's sustainable development. University Leaders Forum invites representative figures who dedicate to university sustainability to share why and how university research, teaching, university governance could be linked to the UN's 17 Sustainable Development Goals (SDGs). From University Social Responsibility (USR) projects, Higher Education Sprout Projects, SDGs should be further integrated into the curriculum.



Tsai Chi Kuo Professor, Dept. of Industrial Management, National Taiwan University of Science and Technology







Angela Yung Chi Hou Executive Director, High Education Evaluation & Accreditation Council of Taiwan





		Presenter : Distinguished Prof. Pen-Chi Chiang, Graduate Institute of Environmental Engineering, NTU
	15 : 45	Open Remarks Eugene Chien, Ambassador-at-Large, Republic of China (Taiwan) Chairman/ Taiwan Institute for Sustainable Energy
д, У	15 : 55	Development of Quality Assurance in Taiwan High Education- Impacts, Challenges and Sustainability Prof. Angela Yung Chi Hou, Executive Director, High Education Evaluation & Accreditation Council of Taiwan
¢	16 : 10	The THE Impact Ranking Masterclass (THE) Justin Tay, Regional Director (Asia) & General Manager, THE
ΉE)	16 : 25	Analysis of TCSA Best Sustainability Project Awards and Report- University Associate Prof. Yung-Shuen Shen, Dean of Student Affairs, Mackay Medical College
	16 : 45	Panel Discussion Moderator : Prof. Tsai Chi Kuo, Dept. of Industrial Management, National Taiwan University of Science and Technology
	17 : 00	

Award Ceremony (2020 CSR Academic Paper Awards)

Taiwan University of Science and Technology

Prof. Tsai Chi Kuo, Dept. of Industrial Management, National



#### Yung-Shuen Shen

Associate professor/ Dean of Student Affairs, Geriatric Welfare Technology & Science in Mackay Medical College

#### Build up Climate Sustainability Through Partnerships 2 ~ Prelude



### 18.Nov, 13:00-16:30 @ 10F Song Po Room



#### Tze - Luen Alan Lin

Deputy Chief Executive, Office of Energy and Carbon Reduction in Executive Yuan



#### Yung-Shuen Shen

Associate professor / Dean of Student Affairs, Geriatric Welfare Technology & Science in Mackay Medical College



#### Ming Yuan Chiu Deputy Chief Executive, Spring Thunder Environmental Society

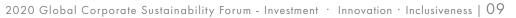
Stephen Pao Senior Assistant Director, SGS Taiwan Ltd. in Certification and Business Enhancement



#### Christine Chiang

Asia-Pacific Lead of Sustainability, Hewlett Packard Enterprise (HPE) Ltd

13 : 00	Registration
13 : 20	Opening film: What's wrong with climate change?
13 : 30	Opening Remark Tze-Luen Alan Lin, Deputy Chief Executive, Office of Energy and Carbon Reduction in Executive Yuan
13 : 35	Initiative : Together, Stronger: The initiation of Sustainable Partnership Action For Climate Change (SPACC) Yung-Shuen Shen, Associate Professor, Institute of Geriatric Welfare Technology & Science in Mackay Medical College
13 : 50	Keynote Speech : Cooperation makes the change begin: Partnership under climate emergency Tze-Luen Alan Lin, Deputy Chief Executive, Office of Energy and Carbon Reduction in Executive Yuan
14 : 05	Keynote Speech :Teach a man how to fish, and you feed him for a lifetime: Environmental Protection as a business model Ming Yuan Chiu, Deputy Chief Executive, Spring Thunder Environmental Society
14 : 20	Q&A discussion
14 : 35	Taking Pictures and Break
14 : 50	Panel 1 : We can help: HPE creates co-prosperity with the help of Science Based TargetsChristine Chiang, Asia-Pacific Lead, Sustainability in Hewlett Packard Enterprise (HPE) Ltd.
15 : 30	<b>Panel 2 :</b> We are one: Sustainable supply chain through partnership cooperation for climate change Stephen Pao, Senior Assistant Director, SGS Taiwan Ltd. in Certification and Business Enhancement
16 : 20	Conclusion - Organizer, Participants (including online ones)
16 : 30	GOOD BYE





### CSO Summit



### 18.Nov, 13:30 - 16:30 @ VF International Reception Room

CCS was founded with a mission to promote corporate sustainability. In this summit, CCS has invited AU Optronics Corporation, Cathay Securities Investment Trust, CTCI Group, Ability International Company, Sinyi Realty, Advanced Semiconductor Engineering to share their vision on ESG issues including economic development, corporate governance, social inclusion, and environmental sustainability.



Yong-Ren Chen Associate Professor & Chair, Department of Health and Welfcare, University of Taipei



Amy Ku CSO, AU Optronics Corporation



Ming-Cheng Hsiao CEO, CTCI Group Shared Services



Andy Chang President, Cathay Securities Investment Trust Co., Ltd.

Howard Chou

CSO, Sinyi Group



Allen Chang General Manager, Ability International Company



Director, Corporate Sustainability & Occupational Confidence Division / ASE(Kaohsiung)

13 : 30	Registration
14 : 00	Opening Remarks : Yong-Ren Chen, Associate Professor & Chair, Department of Health and Welfcare, University of Taipei
14 : 05	Co-create Sustainable eco-system by expanding core-value and influence Amy Ku, CSO, AU Optronics Corporation
14 : 25	Cathay SITE's Practices in Responsible Investing Andy Chang, President, Cathay Securities Investment Trust Co., Ltd.
14 : 45	CTCI Group's Sharing Ming-Cheng Hsiao, CEO, CTCI Group Shared Services
15 : 05	Tea Break
15 : 20	New concept of Innovation and conserve energy, CSR starts in the office Allen Chang, General Manager, Ability International Company
15 : 40	Sinyi Realty's Sharing Howard Chou, CSO, Sinyi Realty Inc.
16 : 00	Advanced Semiconductor Engineering's Sharing Bing-Shuo Su, Director, Advanced Semiconductor Engineering, Inc
16 : 20	Discussion , Q & A
16 : 30	



### Sustainable Innovation Carnival



### 19.Nov, 08:30-12:00 @ 12F Kun Lun Room

The theme for this event is Innovation, and there will be three main stages: Inspiring Sustainability Stage, Sustainable Radio, and Future Innovation Lounge.

In this event, TAISE not only invites representatives from leading corporations that have outstanding performances in TCSA this year to share corporate sustainability strategies, but also connects overseas to invite international sustainability experts to make virtual speeches and interact with on-site guests.

A.SDGs also arranges live streaming events for those who are not able to attend this event to celebrate it together on-line, in the hope of combining online and physical events to expand the influence of sustainability.

Inspiring Sustainability Stage	Sustainable Radio (Virtual)	Future Innovation Lounge
08 : 3	30 - 09 : 00 Registration	1
09:00-09:50 TCSA Judges Awarding Ceremony 10:10-11:00 Digital Sustainable	<b>09 : 15 - 09 : 45</b> Micro-movie : Another Opportunity to Deliver Sustainability Concept	<b>09 : 15 - 10 : 15</b> Lounge : Innovative Communication to Optimize the Enterprise's Resilience
Impact Forum 11 : 10 - 11 : 50 Global Sustainability Live Forum	11 : 15 - 11 : 45 Stay-at-Home Economy : Sustainable Action for Online Shopping	<b>10 : 45 - 11 : 35</b> Lounge : Climate Innovation Project



#### 2020 BSI Sustainability Standards Summit Referencing International Standards in Pursuing Business

Innovation and Enhancing Sustainability Resilience

### 19.Nov, 09:00 - 12:00 @ 10F Auditorium

The 2020 BSI Sustainability Standards must take recent global events into account, including "climate change", "geopolitical factors", "global supply chain reform" and the "COVID-19 pandemic". Many sustainability developments are currently facing uncertainty, e.g. Apple Inc. implementing its 10-year climate plan, which requires the company's business, supply chain and product life cycle to become carbon neutral, thereby reducing the impact of climate change. Taiwan's competent authority has launched the CG -Roadmap 3.0, requesting enhancement of companies' sustainability governance and enhancing international competitiveness. Corporate internal innovation is paramount to sustainable actions, which help businesses optimize "value", retain their market share, and enhance their sustainability resilience.



Peter Pu BSI Managing Director, NE Asia Region



Duncan Fong BS 8001 Circular Economy Product Manager, BSI Taiwan



Ivan Cheng Assistant Director / WF Product Manager / ISO 20400/ PAS 7000 / Supply Chain Management Product Manager, BSI



CEO, Unity Sustainability Services Co., LTD.



Roger Tseng EY Taiwan Partner of Climate Change and Sustainability Services Practice Leader, CPA





Director, JK-GOODS INTERNATIONAL CO., LTD.



Opening Address Eugene Chien, Ambassador-at-Large, Republic of China (Taiwan)/ Chairman, Taiwan Institute for Sustainable Energy
<ul> <li>"Sustainability Resilience" Corporate Award Ceremony</li> <li>Eugene Chien, Ambassador-at-Large, Republic of China (Taiwan) Chairman/ Taiwan Institute for Sustainable Energy</li> <li>Peter Pu, BSI Managing Director, NE Asia Region</li> </ul>
Opening Quote – Sustainability Resilience Peter Pu, BSI Managing Director, NE Asia Region
Sustainable Governance – Risk & Opportunities Under Climate Actions - PAS 7340 Framework for embedding the principles of sustainable finance in financial services organizations / ISO 14097 Framework including principles and requirements for assessing and reporting investments and financing activities related to climate change Task Force on Climate-related Financial Disclosures (TCFD)
Ivan Cheng, Assistant Director, BSI Taiwan
Break Time
<ul> <li>Sustainable Finance – Working Toward Organization Resilience</li> <li>Green Swan: TCFD - Vital Investment Matters</li> <li>Roger Tseng, EY Taiwan Partner of Climate Change and Sustainability</li> <li>Services Practice Leader, CPA</li> <li>Enhance organization resilience in facing risks regarding financial crime</li> <li>Tomm L. Chiang, Director, Financial Crime Risk Advisory Deloitte Taiwan</li> </ul>
Resource Limitations – Sustainable Supply Chain - BS 8001 Circular Economy / ISO 20400 Sustainable procurement Duncan Fong, BS 8001 Circular Economy Product Manager, BSI
Dialogue》ESG under sustainable brands - CSR + ISO 20121 Sustainable Events Steven Tsai, CEO, Unity Sustainability Services Co., LTD. Ivan Huang, Director, JK-GOODS INTERNATIONAL CO., LTD. Peter Pu, BSI Managing Director, NE Asia Region

12 | 2020 Global Corporate Sustainability Forum - Investment · Innovation · Inclusiveness



Paper Presentations: The Future of Corporate Sustainability from Academic Perspective



Registration

### 19.Nov, 08:30 - 12:00 @ 10F Chang Chin Room



Hsiang-Lin Chih Distinguished Professor, Graduate Institute of Environmental Engineering, National Taiwan University



#### Yu-Shan Chen Chair, Department of Business Administration, College of Business, National Taipei University



Chang Chan Chair, Department of Finance and Cooperative Management,

National Taipei University



#### Yanzhi Wang

Professor in Finance, National Taiwan University

09 : 00	Section A - Introduction
	Hsiang-Lin Chih (Dean, College of Business, National Taipei University)
09 : 05	<ul> <li>The Longitudinal Aspect of the Green Innovation Addoption. Yi-Nung Peng (Assistant Professor, Department of Business Administration, National Taipei University) Po-Kai Wang (Master student, Department of Business Administration, National Taipei University)</li> <li>Investigating How Sustainable Products Drive The Utilitarian and Hedonic Outcomes of M-Shopping During the COVID-19 in Taiwan and Malaysia? Kim Choy Chung (Associate Professor, National Sun Yat-sen University)</li> <li>The Impact of Old Products and New Ideology on Consumers' New Product Purchase Intention. Jia-Rong Wu (Associate Research Scientist, Economics and Statistics Group Planning Office, Food Industry Research and Development Institute) Maureen Pei-Fang Li (Assistant Professor, Graduate Institute of International Business, National Taipei University)</li> <li>Can We Buy Loyalty from Customers? Subscription of Online Service. Pao Hua Wang (CEO, e-Cloud Mobile Technology Corp.)</li> </ul>
10 : 05	Q&A, Conclusion
10 : 20	Refreshments
10 : 40	Section A - Introduction Yanzhi Wang (Professor, Department of Finance, National Taiwan University)
10 : 45 and ent, ity /	<ul> <li>Does Air Pollution Hurt Innovation? Evidence from China. Zhuo Qiao (Associate Professor, University of Macau) Zhaohua Li (Senior Lecturer, Lincoln University) Yanzhi Wang (Professor, Department of Finance, National Taiwan University)</li> <li>The Drivers of the Green Trust Formation: Evidence from Taiwan and Japan. Iser-Yieth Chen (Professor and Director, Graduate Institute of International Business, National Taipei University) Ying-Rong Chen (Ph.D. candidate, Department of Business Administration, National Taipei University) Chi-Jui Huang (Professor, Department of Finance and Cooperative Management, National Taipei University)</li> <li>Measuring Decent Work: An Exploratory Study. Shyh-Jer Chen (Distinguished Professor, Institute of Human Resource Management at National Chapture of Education) Chiung-Wen Isao (Professor, Department of Business and Management at National Chapture of Education) Chiung-Wen Isao (Professor, Department of Human Resource Management at National Chapture of Education) Chiung-Wen Isao (Professor, Department of Human Resource Management at National Chapture University)</li> <li>A Successive Model of Knowledge Sharing Behavior through Mobile Instant Messaging Apps. Tsung Hua, Tsai (PhD student/Lecturer, National Taipei University) Wen-Chang, Fang (Distinguished Professor, Department of Business Administration, National Taipei University)</li> </ul>
11 : 45	Q&A, Conclusion
12 : 00	



Tsung Hua, Tsai National Taipei University/ PhD student/Lecturer



#### Wen-Chang, Fang

Distinguished Professor, Department of the Business Administration, National Taipei University



Ying-Rong Chen

Department of Business Administration, National Taipei University/ Ph.D. candidate

Chi-Jui Huang Department of Finance

Department of Finance and Cooperative Management, National Taipei University / Professor

#### Paper Presentations: The Future of Corporate Sustainability from Academic Perspective







#### Tser-Yieth Chen

Graduate Institute of International Business, National Taipei University/ Professor & Director



Kim Choy Chung

National Sun Yat-sen University, Kaohsiung/ Associate Professor



Jia-Rong Wu

Economics and Statistics Group Planning Office, Food Industry Research and Development Institute / Associate Research Scientist



Maureen Pei-Fang Li

Graduate Institute of International Business, National Taipei University / Assistant Professor



Wang Pao Hua e-Cloud Mobile Technology Corp. / CEO



#### Shyh-Jer Chen

Institute of Human Resource Management, National Sun Yat-sen University/ Distinguished Professor



#### Yi-Hsien Wang

Graduate Institute of Human Resource Management at National Changhua University of Education/ Assistant Professor



#### Chiung-Wen Tsao

Department of Business and Management at National University of Tainan/ Professor



Wen-Lin Hsu

Institute of Human Resource Management, National Sun Yat-sen University/ Research Assitant



Yi-Nung Peng

Assistant Professor, Department of Business Administration, National Taipei University



Po-Kai Wang

Master Student, Department of Business Administration, National Taipei University





### 19.Nov, 08:40 - 12:00 @ 10F Song Po Room

This forum is organized and supported by the Green University Union of Taiwan (GUUT). This union was established in 2013 and its goals are pursuing sustainable development of our country, protecting our environment and educating our students and society. President Tsong-Ming Lin of Nanhua University in Chiayi county of Taiwan is the current chairperson of the union. In this forum, the union invites three distinguish speakers, including President Han-Chieh Chao of National Dong Hwa University, Dr. Pei-Jung Lu, Associate Vice President of Office of Research and Development at National Cheng Kung University, and editor-in-chief Zhao-Yong Huang of CSR@CommonWealth Magazine, to share their views and visions on promoting and executing SDGs. By this forum, the Union hopes to promote the goals of this Union and contribute to the pursuing of sustainable development of our country and the world.



Tsong-Ming Lin President, Nanhua University



Pei-Jung Lu

Distinguished Professor / Associate Vice President, Office of Research and Development, National Cheng Kung University



Han-Chieh Chao President, National Dong Hwa University



Zhao-Yong Huang

Editor-in-Chief, CSR@CommonWealth Magazine

08 : 40	Registration
09:00	Opening Remarks : Tsong-Ming Lin, President, Nanhua University
	Keynote Speech 1 - <b>SDGs University</b> Han-Chieh Chao President, National Dong Hwa University
10 : 00	Keynote Speech 2 Pei-Jung Lu, Distinguished Professor/Associate Vice President, Office of Research and Development, National Cheng Kung University
10 : 50	Tea Break
11 : 10	Keynote Speech 3 : Zhao-Yong Huang, Editor-in-Chief, CSR@CommonWealth Magazine
12 : 00	Event Ends



### A Low Carbon Future - the Sustainable Transformation to Enhance Corporate Competitiveness



### 19.Nov, 13:00-16:30 @ 12F Kun Lun Room

We are officially entering an era of "Climate Emergency". Starting from the observations of international investors, this discussion forum invites FTSE Russell, GreenHarvest and Weather-Risk and incorporates low-carbon solutions, disaster prevention, and opportunity insights to explore how companies can actively take advantage of the changes and develop a new business operations strategy.



Casey K.C. Lai CEO, Deloitte Taiwan



Joe Chen CSR Leader, Deloitte Taiwan



James H. Lu Associate Director, Risk Advisory, Deloitte Taiwan



Susan Lin Managing Director,FTSE Russell Deputy Head of Information Services, Asia-Pacific, LSEG



Kun-Hong Chen <sup>Chairman,</sup> GreenHarvest



Chi-Ming-Peng CEO, WeatherRisk Explore Inc.

13 : 00	Registration
13 : 30	Opening Remarks : - Casey Lai, CEO, Deloitte Taiwan - Eugene Chien, Ambassador-at-Large, Republic of China (Taiwan) Chairman/ Taiwan Institute for Sustainable Energy
13 : 40	What's Next ? Trend for Sustainable Transformation James Lu, Associate Director, Risk Advisory, Deloitte Taiwan
14 : 10	FTSE Russell Green Revenues Data Model and its implication to the Taiwan market Susan Lin, Managing Director, FTSE Russell Deputy Head of Information Services, Asia-Pacific, LSEG
14 : 40	Tea Break
14 : 55	The Road to Green: Reaching Corporate Sustainability with Renewable Energy in Real Practice Kun-Hong Chen, Chairman, GreenHarvest
15 : 25	How the enterprises respond to the impact of extreme weather Chi-Ming-Peng, CEO, WeatherRisk Explore Inc.
15 : 55	Panel Discussion         Moderator : Joe Chen, CSR Leader, Deloitte Taiwan         Panelists :         - Susan Lin, Managing Director, FTSE Russell         Deputy Head of Information Services, Asia-Pacific, LSEG         - Kun-Hong Chen, Chairman, GreenHarvest         - Chi-Ming-Peng, CEO, WeatherRisk Explore Inc.         - James Lu, Associate Director, Risk Advisory, Deloitte Taiwan
10:30	sumos es, resociare procior, rescriction, perolite rangent



### Social Inclusiveness Dialogue

### 19.Nov, 13:30-16:45 @ 10F Auditorium

Inclusive growth is economic growth that is distributed fairly across society and creates opportunities for all. This Dialogue introduces the best practices of corporate and university social inclusion, and hopes to reshape the public's understanding of social inclusion, sustainable development and their relationship  $\cdot$ 



#### Tsai Chi Kuo

Professor, Dept. of Industrial Management, National Taiwan University of Science and Technology

Marine Commerce, National Kaohsiung University of Science and Technology



#### Ting-Hsuan Hung

Chairman & Professor, Dept. of Plant Pathology and Microbiology / Director, Plant Teaching Hospital, National Taiwan University

#### Hsiang-Lin Chih

Dean, College of Business, National Taipei University



Cynthia Feng Executive Secretary, MediaTek Foundation

Hsiao-Chien Lee Associate Prof. College of



Yung-Shuen Shen

Associate professor / Dean of Student Affairs, Geriatric Welfare Technology & Science in Mackay Medical College





Ken Wang Assistant Vice Resident, Public Relations Dept., Taiwan Life Insurance Co., Ltd

5 台湾企業水積学阮 Taiwan Academy of Corporate Sustainability		企業水積学阮 cademy of Corporate Sustainability
	13 : 30	Registration
	14 : 00	Open Remarks Prof. Tsai Chi Kuo, Dept. of Industrial Management, National Taiwan University of Science and Technology
	14 : 10	<ul> <li>Academic campaign of down to countryside for guarding safe production by NTU Plant Teaching Hospital</li> <li>Prof. Ting-Hsuan Hung, Director, Plant Teaching Hospital, National Taiwan University</li> </ul>
		<ul> <li>From Technological Innovation to Social Innovation- The Local Practice of MediaTek</li> <li>Cynthia Feng, Executive Secretary, MediaTek Foundation</li> </ul>
	14 : 40	Tea Break
4/	15 : 00	- USR x Responsible Fishery Products: Pingtung Sustainable Fishing Village Development Programs Associate Prof. Hsiao-Chien Lee, College of Marine Commerce, NKUST
		- Intergenerational Co-Creation for a Better Society: Solving Aging Issues with New Perspectives Ken Wang, Assistant Vice Resident, Public Relations Dept., Taiwan Life Insurance Co., Ltd
	15 : 30	Panel Discussion
	15 : 50	TWSVI Presentation Prof. Hsiang-Lin Chih, Dean, College of Business, National Taipei University
	16 : 10	Remarks Moderator : Associate Prof. Yung-Shuen Shen, Dean of Student Affairs, Mackay Medical College - Eugene Chien, Ambassador-at-Large, Republic of China (Taiwan) Chairman/ Taiwan Institute for Sustainable Energy - Prof. Chen-Jai, Lee, President, National Taipei University
	16 : 15	<ul> <li>Charter Ceremony (Corporate Sustainability Management Professional)</li> <li>Eugene Chien, Ambassador-at-Large, Republic of China (Taiwan)</li> <li>Chairman/ Taiwan Institute for Sustainable Energy</li> <li>Prof. Chen-Jai, Lee, President, National Taipei University</li> </ul>

ムぶかせう病理で

### How do Companies Create Investment Value Through ESG in the Next Decade?



### 19.Nov, 14:00-16:05 @ 10F Chang Chin Room

Since the United Nations announced the 2030 Sustainable Development Goals (SDGs) in 2016, climate change and other issues have become more and more serious. In the next decade, companies will face various challenges. How can companies respond to challenges and create more investment value through ESG? MSCI and CFA Society will co-organize an ESG forum at the Global Business Sustainability Forum (GCSF) on November 19, 2020. In order to promote global sustainability development, MSCI has participated in the GCSF in Taiwan as a co-sponsor for two consecutive years. In this forum, Xiaoshu Wang, Executive Director, MSCI ESG Research, Karen Chen, Vice President, MSCI Client Coverage along with the industry experts will discuss the ESG trends in the next ten years and how to maintain an advantage in an uncertain environment.

14 : 00	Opening Remarks by MSCI
14 : 10	ESG Trends: What are the big challenges for the new decade?
14 : 50	<ul> <li>Panel Discussion : How do companies create investment value through ESG in the next decade?</li> <li>What are the trends of information disclosure in Asia?</li> <li>How do companies disclose ESG policies and data to investors and other stakeholders?</li> <li>How to disclose relevant information under TCFD recommendations?</li> </ul>
15 : 30	Q&A
15 : 45	Networking
16 : 05	Event ends



Karen Chen Vice President, Client Coverage for Asia, MSCI



Lauar Liao

Consultant, Hong Kong, Wealth, Mercer





Professor, Department of Finance, National Central University



### ESG Investment World Café



### 19.Nov, 13:00 - 16:00 @ 10F Song Po Room

This event focuses on issues in relation to ESG risk management and sustainable finance, and invites representatives from leading corporations in TCSA and stakeholders to share experiences with each other in the form of World Café. It gathers corporations and guests to interact face to face to prompt reflection and inspiration in sustainable development business.

#### Moderator & Group Leaders



Philip Ong Professor, National Chengchi University, Department of Fiance



Chi-Jui Huang

Professor and Chief-Secretary, The Department of Finance and Cooperative Management, National Taipei University



Christine Chiang

Asia-Pacific Lead of Sustainability, Hewlett Packard Enterprise (HPE) Ltd



Steven Tsai CEO, Unity Sustainability Services Co., LTD.

13 : 00	Registration
13 : 30	Opening Remarks : Philip Ong, Professor, National Chengchi University, Department of Fiance
13 : 45	Experience sharing by Corporation
14 : 25	Group discussion I & II
14 : 45	Coffee Break
15 : 05	Group discussion III & IV
15 : 20	Discussion by Group Leaders
15 : 40	Conclusion by Group Leaders
16 : 00	Event Ends



### A Low Carbon Future - the Sustainable Transformation to Enhance Corporate Competitiveness



### 19.Nov, 13:00-16:50 @ VF International Reception Room

Ernst & Young explains the company's digital transformation plan through implementation cases and companies' practices, and addresses the main significance of digital innovation to climate change and sustainable development.



Chen-Fu Chien

Chair Professor, Department of Industrial Engineering and Engineering Management, National Tsing Hua University



Hope Ong Head of Corporate Affairs, MediaTek



Steven Tsai Vice President, AcBel Polytech Inc.



Ivan Cheng Assistant Director / WF Product Manager / ISO 20400/ PAS 7000 / Supply Chain Management Product Manager, BSI









### Roger Tseng

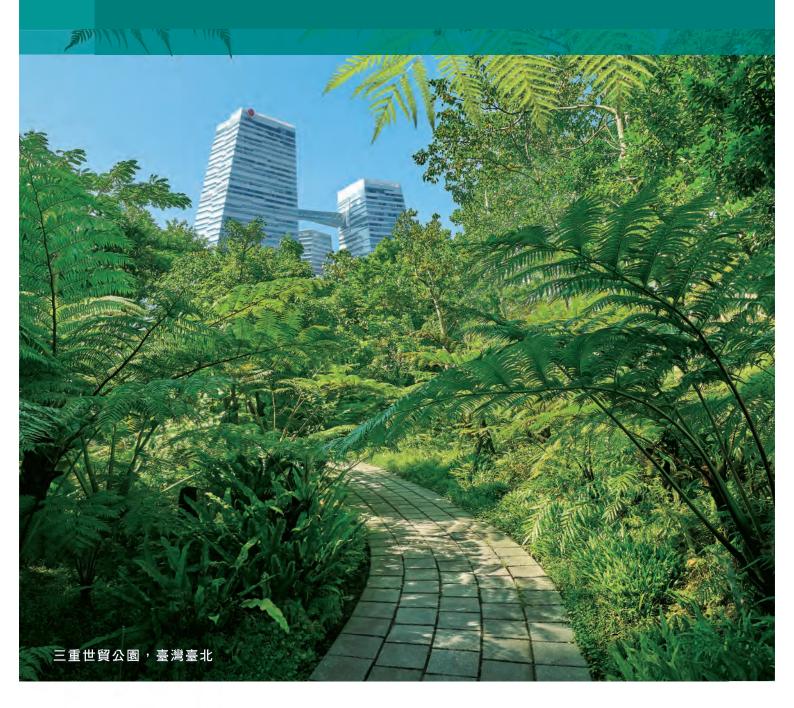
nrougn imple-	13 : 00	Registration
in significance	13 : 15	Opening Session
ent.		<ul> <li>Ambassador-at-Large, Republic of China (Taiwan)</li> <li>Taiwan Institute for Sustainable Energy, Chairman, Eugene Chien</li> <li>EY Taiwan Partner of Climate Change and Sustainability Services Practice Leader Roger Tseng, CPA</li> </ul>
Keiichi Ushijima EY Japan Climate Change and Sustainability Services Leader	13 : 30	Industry 3.5 to Humanize Industrial Revolution for Sustainable Development Tsing Hua University, Department of Industrial Engineering and Engineering Management Chen-Fu Chien, Chair Professor
	14 : 10	Long-Term Value & ESG EY Japan Partner of Climate Change and Sustainability Services Practice Leader Mr. Keiichi Ushijima (Video)
Wei-Kuo Hong Senior Executive Vice President, Chunghwa Telecom Co., Ltd.	14 : 35	My Experience in Community Engagement: MediaTek Genius for Home, Standard Chartered Marathon, and Microsoft Student Internship Program MediaTek Inc. Hope Ong, Head of Corporate Affairs
chonghwu telecom co., Liu.	14 : 55	Implementation to the Task Force on Climate-related Financial Disclosures (TCFD) - Strengthening Corporate Sustainability Chunghwa Telecom Co., Ltd. Wei-Kuo Hong, Senior Executive Vice President
Mandy Tsai	15 : 15	Coffee Break
Corporate Development Departmen Deputy Manager, Taoyuan International Airport Co.	t 15 : 30	In Response to Trends at Home and Abroad – Assessing and Managing Financial Impacts of Climate Change BSI, Ivan Cheng, Assistant Director
	15 : 50	To provide total solutions and to be a leading green power partner AcBel Polytech Inc. Steven Tsai, Vice-President
Roger Tseng EY Taiwan Partner of Climate Change and Sustainability Services Practice Leader, CPA	16 : 10 16 : 30 16 : 50	Create the Glory of the National Façade and Make TTIA a Gateway that Connects the World with Heart Mandy Tsai, Corporate Development Department Deputy Manager, Taoyuan International Airport Co. Q&A Session



# 清潔生産・永續發展



## 永續願景進無止境



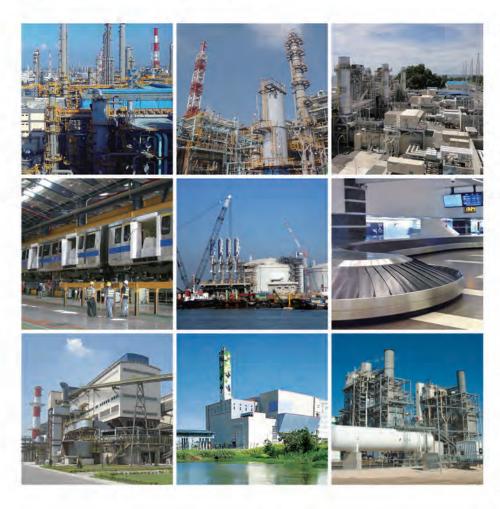
中國信託認養占地三千坪的土地,打造全臺灣第一座蕨 類植物生態公園。我們培育超過百種的原生植物,依據 四季的時序與氣候的更迭分布植栽,呈現臺灣林相的縮 影。深耕臺灣,我們積極保育這片土地的特有物種,將 臺灣的絕色景致推向國際,耀眼世界。



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# Oline Seminars

Achievement of Sustainable Development Goals requires collaboration and active participation of government, civil organization, corporation, and research institutes.

Global Corporate Sustainability Forum (GCSF) offers a platform to connect Taiwan with the rest of the world, experts and professionals were invited to speak at the forum over the past years. International speakers from over 10 countries are invited this year to speak about the main theme "the 31s" : Investment, Innovation, Inclusiveness. Three online seminars will be released on October 28, November 4 and November 11.



Watch on Youtube







### INVESTMENT

Sustainable Investment

### INNOVATION

Innovation Driven Sustainability

### **INCLUSIVENESS**

Inclusive Sustainable Development



# 28.OCT.2020 INVESTMENT

### Moderator

### Christine Chow

Global Tech Lead and Head of Asia and Global Emerging Markets, EOS at Federated Hermes International





#### "ESG in Asia and Why It Matters to Investors"

Chitra Hepburn Executive Director and Head of ESG, APAC, MSCI

As the Head of ESG in APAC. Chitra Hepburn is responsible for MSCI's ESG commercial activities in the Asia Pacific region. Chitra joined MSCI in July 2019 and is

based in Singapore. Chitra most recently was a Managing Director at ESG Global, a role she held since February 2017, where she was responsible for working with issuers to create and implement their ESG metrics in preparation for investor roadshows.



#### "Post Corona and the New Normal of Business in Society: Interruption and Continuation"

Kanji is a professor of Waseda University with over 20 years of experience in corporate social responsibility. Kanji's key research interests include the relationship

between business and society, corporate social

responsibility, social business and social innovation. Kanji is also the Founder and President of Japan Forum of Business and Society.

Professor, Waseda University



#### "ESG Investment and International Reporting Trends"

Chris Cattermole ESG Advisory and Solutions Global Lead, UL

Chris Cattermole, ESG Advisory and Solutions Global Lead for sustainability management software provider UL, discusses the major role investors are having in

driving corporate performance, emerging ESG reporting

standards and frameworks and how companies should respond to maximize value.



#### "ESG in Asia and Why It Matters to Investors"

Yan Xu

ISS Corporate Solutions

The possibility of the first global economic slowdown since the Corporate Advisor, Asia, dramatic rise of ESG investing will put all asset managers to the test, including those following ESG

investment strategies. This webinar reviews the recent ESG-related developments in Asia and provides insights on how global investors integrate ESG factors into their investment process.



# 04.NOV.2020 INNOVATION

### Moderator

### Martin Söderberg

Industry Relations Manager, TCO Development





#### "Creativity, Innovation & SDGs"

#### Jacqueline Lai Official Representative for Taiwan, Cannes Lions

Since its first outing in 1954, the Cannes Lions International Festival of Creativity has been bringing the creative communications

industry together every year at its one-of-a-kind event in Cannes to learn, network and celebrate. In 2018, the festival introduced a new award category, appropriately named the Sustainable Development Goals Lion Awards, awarded to creative problem solving, solutions or other initiatives that harness creativity and seek to positively impact the world.



#### "Sustainable fashion and innovation from a brand perspective"

Malin Lundahl Sustainability Manager, H&M Great Ghina

Malin joined the H&M Group in 2013 to focus on the development and production of the H&M brand's new Beauty cosmetic

line. Previous to the Sustainability Manager role

Malin has worked with sustainability, cosmetics and material for H&Ms production organization. Malin is passionate about how successful business can and should have a positive impact on the environment and people in its full value chain.



#### "Corporate Investing and the SDGs"

#### Donald Eubank For GCSF, I will look no companies can deploy Principal and cofounder, Read the Air

For GCSF, I will look how their capital to create innovative solutions 1) With

in-house projects that they develop themselves; 2) in sustainable start-ups that they may acquire; and

3) in public markets using ESG approaches. While companies can take many actions to transform their business model, we believe that their investment activities can contribute as well major-and maybe even greater-impact.

"Microsoft's Commitment to Sustainability"



Vincent Shih Assistant General Counsel, Microsoft

The sharing is focusing on how Microsoft is committed to combat environmental issues and what Microsoft has been and plan to do to

support Sustainability. Through various of efforts, Microsoft Taiwan committed to be a role model to partner with the government, industry and community to support Sustainability in Taiwan.



# 11.NOV.2020 INCLUSIVENESS

### Moderator

### Juniati Gunawan

Lecturer and Director, Trisakti Univeristy



Anirban has worked with the USD 20.7 billion Mahindra Group since 1999 where he is currently the Group's Chief Sustainability Officer.

During his work Anirban has developed an award winning sustainability framework, enabled being the first in the world to commit to doubling energy efficiency, the first in the country to join the World Bank's Carbon Pricing Leadership

Consortium, commit to a carbon price and also commit to Science Based Targets. He has helped harness more water than is consumed in the Mahindra Group and is currently striving to make Mahindra a zero waste to landfill organization.

#### "Microsoft's Commitment to Sustainability"

"Corporate Investing and the SDGs"



### **Ben Carpenter**

Anirban Ghosh

CSO, Mahindra Group

Chief Executive, Social Value UK and Social Value International

Ben is part of the National Social Value Taskforce and the British Standards Industry committee for Social Value. Prior to becoming CEO, Ben was Social Value UK's Operations Manager developing

the international membership, the assurance and accreditation services and led on projects with the OECD, World Economic Forum, Impact Management Project and World Business Council for Sustainable Development. Ben's background

in homelessness, social housing and the built environment, affords him experience that spans sectors and an in-depth knowledge of Social Value accounting.



#### "Creativity, Innovation & SDGs"

GRI helps businesses and governments worldwide understand and Head of Greater China communicate their impact on critical sustainability issues. Verna, representing GRI, seeks continuing collaborations with policy makers in

Greater China Region to further advance global sustainability agenda. Verna is a CFA charter-holder.



#### "Sustainable fashion and innovation from a brand perspective"

Rajesh Chhabara Managing Director, **CSRWorks** International

Verna Lin

Regional Hub, GRI

Rajesh is managing director of CSRWorks International, a Singapore-based sustainability firm focused on advisory, training and thought leadership. His expertise lies in developing sustainabil-

ity strategies for competitive advantage. He has over 20 years of

international experience in diverse industries. His sustainability strategies have helped clients win global rankings and recognitions. He conducts a wide range of sustainability training courses across the region.

Rajesh is also the founder of several though leadership programmes including the Asia Sustainability Reporting Awards (ASRA), Asia Sustainability Reporting Summit, and Asia's Top Sustainability Superwomen.

He is also the editorial director of Sustainability Reporting: Learn from Asia's Best, an annual publication featuring Asia's best sustainability reports. He has authored a book on supply chain responsibility (2005) and co-authored two books on sustainability case studies (2010, 2011). Rajesh is a regular speaker at international sustainability conferences.



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# 自 泥 企 業 画 THE FUTURE IS WORTH IT

### 台泥企業團 是一個全神貫注處理人類文明與大自然之間 複雜關係的綠色環境工程公司

1954年,台灣水泥正式由公營轉為民營。1962年成為台灣 第一家股票上市公司。身為國家代表品牌之一,台泥的經營 哲學以「大自然為主體」、以「社會利益為宗旨」,實踐 TCC的承諾:Total Climate Commitment與Total Care Commitment,致力平衡人類與大自然間的複雜關係,結合 聯合國 SDGs 永續指標,創造產業循環與環境共生的未來。

「尋找人類與自然環境間的和諧關係」這是台泥數十年來不 斷努力追求的目標,這是我們追求最極致的專業。台泥將回 到水泥業的初衷——追求美好人類的居住樣態,追求更好的 生活價值;讓人類與大自然和諧共存,這是我們的職責、這 就是我們的產業。 2017年,張安平先生接任台泥董事長,正式闡釋台泥企業團 轉型升級藍圖。「環保、能源、水泥」是三大核心事業, 「Environment、Energy、Ecology」是永續發展三大 主軸。台泥不只是水泥製造與銷售公司,而是主動尋求環保 解決方案、保護自然環境的Eco-Solution Provider。

2020年,台泥為大中華區首家通過SBTi科學基礎減碳目標設定的水泥企業,承諾2025年總排碳量降低11%,2050年朝碳中和目標邁進。

「環境,人類的最後的疆界,這是台泥未來的 航程,去尋找新的生活方式和新的公民責任。 勇往直前,邁向人們從沒有去過的地方。」 --張安平





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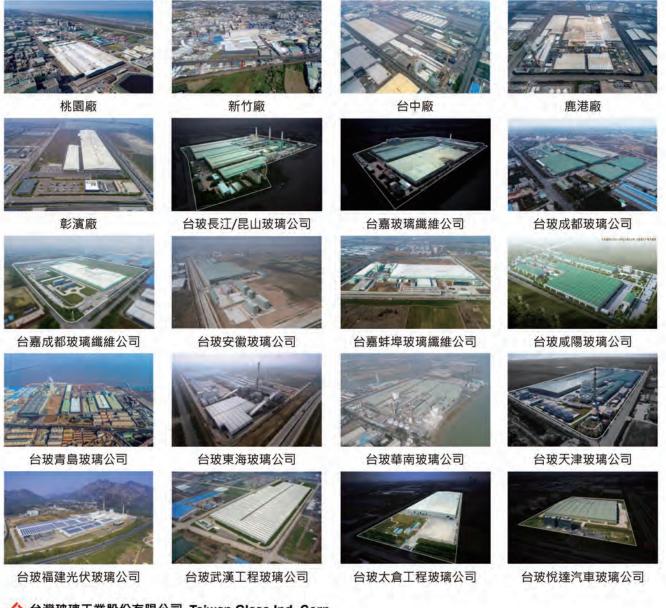
#### 玻璃纖維紗、布 | Fiberglass Yarn & Fabric FRP 玻璃纖維增強緣 | Fiberglass Reinforced

切股 Chopped Strand | 切股氈 Chopped Strand Mat 直捲紗束 Direct Roving | 併股紗束 Conventional Roving | 編紗束 Woven Roving

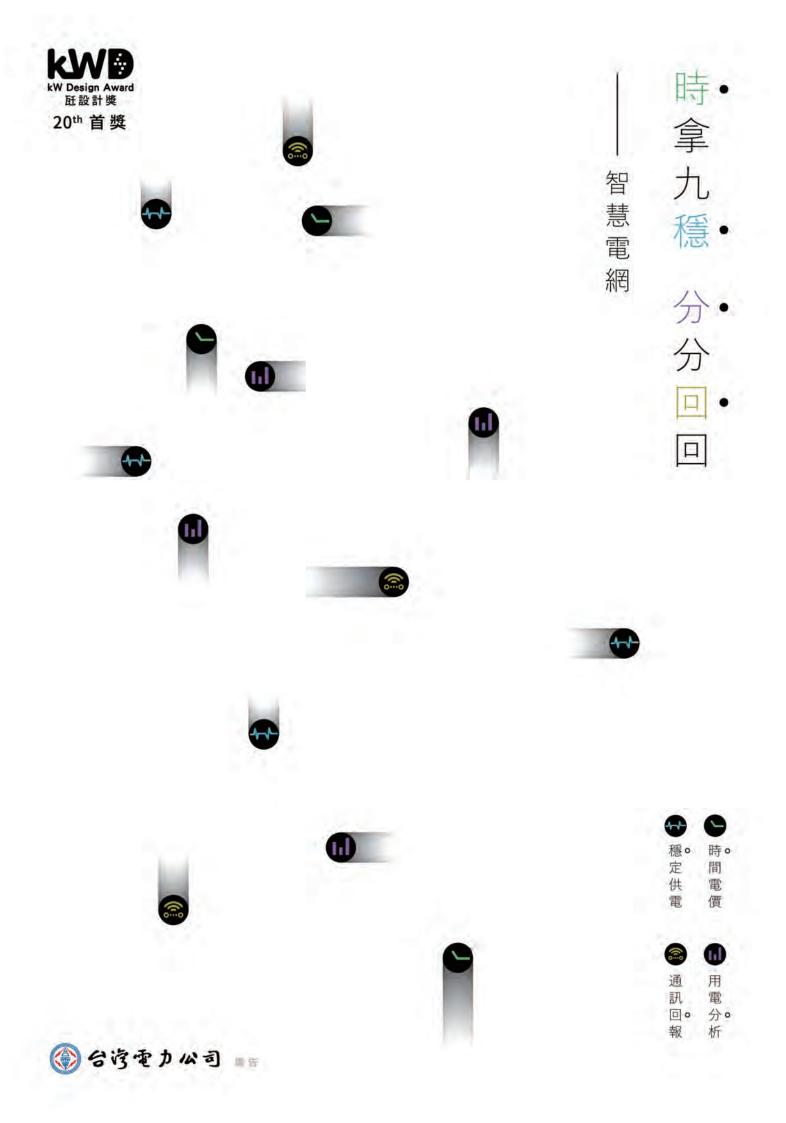
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# 2020 CGCSA

GCSA

**Global Corporate Sustainability Awards** 



# ABOUT CCSA

### Global Corporate Sustainability Awards

Global Corporate Sustainability Awards (GCSA) host by Alliance for Sustainable Development Goals (A · SDGs), executed by Taiwan Institute for Sustainable Energy (TAISE), awards outstanding achievements in sustainable development initiatives worldwide.

GCSA embraces the United Nations Sustainable Development Goals (SDGs) established in United Nations 2030 Agenda. GCSA is being awarded in 3 categories: outstanding professionals, sustainability reporting, and best practice. The awards honor and encourage businesses worldwide in endeavoring their journey towards sustainability.

Since the establishment of GCSA in 2018, a total of 51 winners from different countries including France, Germany, Hong Kong, India, Indonesia, Japan, Taiwan, Thailand, United Kingdom, and USA achieved the honor.

### 

Number of Winners for Different Award Categories

### Guided by the UN's Sustainable Development Goals, GCSA has four key objectives:

- 1. Promote corporate sustainability principles and practices.
- 2. Recognize corporate efforts toward sustainable development.
- 3. Honor companies who provide complete disclosure of economic, environmental and social performance and clearly communicate its impacts through sustainability reporting.
- 4. Encouraging individuals who bring positive impacts and accomplish outstanding achievements in sustainability.

GCSA offers awards and recognition in three major categories:

- Outstanding Professional
- Best Practice
- Sustainability Reporting



Global Corporate Sustainability Awards offer awards and recognition in three major categories:



Recognize individuals who made outstanding contributions to sustainable development within their organizations.

Rewards businesses that have the best practice in sustainable developments. The award winners are divided into "Outstanding Practice" for the top ranked entry and "Great Practice" for the entries selected by the panel.

The award recognizes businesses that disclose sustainability information in transparent and credible manners.

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# Outstanding Professional



Dr. Yeong-Ren Chen Associated Professor and Chair, Department of Health and Welfare, University of Taipei



Rajesh Chhabara Managing Director, CSRWorks International



Edoardo Gai Managing Director – ESG Benchmarking, S&P Global



Brian Ho Partner, Sustainability and Climate Change, EY Hong Kong



Alan McGill Global Sustainability, Assurance Leader, PwC UK



# **GCSA JUDGING PANEL**



### World Class



Dr. Naoki Adachi CEO, Response Ability, Inc.



Dr. Juniati Gunawan Director, Trisakti Sustainability Center, Trisakti University, Indonesia



Prof Dr Jiří Jaromír Klemeš

Head of Center of Excellence, Faculty of Mechanical Engineering, Brno University of Technology, Czech Republic



**Prof. Tsai Chi Kuo** Professor, Department of

Industrial Management, National Taiwan University of Science and Technology



Martin Townsend Global Head of Sustainability and Circular Economy, BSI Group



Herbert Yung Director, Risk Advisory, Deloitte China

### Emerging Market



Dr. Michel Delorme Dean, Faculty of Management, Laurentian University



Donald Eubank Prinicipal and Co-Founder, Read The Air



Dr. Hyunook Kim Professor, Department of Environmental Engineering, University of Seoul



Assoc. Prof. Yung-Shuen Shen Secretary General, Taiwan Corporate Sustainability Award



Keiichi Ushijima Principal (Japan Leader), Climate Change and Sustainability Service Ernst & Young, Japan



# **© GCSA JUDGING PANEL**





Prof. Louis Chen

Professor, Graduate Institute of Intellectual Property National Taipei University of Technology



Prof. Yu-Shan Chen

Chair and Professor, Department of Business Administration, National Taipei University



Christine Chiang

Asia-Pacific Lead, WW Product Environmental Compliance , Hewlett Packard Enterprise Ltd.



Distinguished Prof. Allen H. Hu

Distinguished Professor, Institute of Environmental Engineering and Management National Taipei University of Technology



Prof. Cheng-Li Huang

Professor, Department of Accounting Tamkang University



Prof. Tsai Chi Kuo

Professor, Department of Industrial Management, National Taiwan University of Science and Technology



Assoc. Prof. Yung-Shuen Shen

Secretary General, Taiwan Corporate Sustainability Award



Prof. Shong-lee Su

Professor, Department of Business Administration, Soochow University



Prof. Shin-Cheng Yeh

Professor, Graduate Institute of Environmental Education, National Taiwan Normal University

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# **GCSA** Volunteer Judges

### Sustainability Reporting

Professionals from a variety of backgrounds can contribute to corporate sustainability report evaluation, thereby helping improve the quality of sustainability information disclosure. Volunteer Judges' main responsibilities are to perform the preliminary round of evaluation for Global Corporate Sustainability Awards before proceeding to the final round selection by the Panel Judge Committee.

### Qualifications

Completion of the Corporate Sustainability Expert Training courses with Certificate of Completion of Training received.

### 2020 GCSA Volunteer Judges

ChuNing Chang Tien-Yu Chang Ivy Chao Chi-Fu Chen Teresa Cheng MiiChi Chiang Herlin Chien Yuping Cho Chia-Wei Chou Hsiu-Jung Chou Wen-Haw Chu Kuei-Chih Chuang Bo-Yu Fang Chia-Ying Hao José Miguel Salazar Hernández I-Tse Ho Ching Hsin Hsiao Wai-Hang Hsieh Chien Chih Hsu Li-Jywan (Salome) Hwang Ian Jiang HsinYun Lee Hsin-Lin Lee Shaofu Li Cai Ying Lin Yi-Hua Lin Ying-Hsiu Lin Yujie Lin Regina Lin Tracy Lin Tsung Lin Lee Yi Che Lin William M.H. Shih Abby Tsai Tien-Sheng Tsai Hao-Hsun Tsai Wen-Hsuan Tsai Yi-An Tsao Pin-Chih Wang Yuping Wang Chih-Hsuan Wu Hanes Yang Wei-Hua Yang Rong Yang Wei-Liang Yeh Shu-Yi Yeh Ting-Chun Yu Chin-Chieh Yu



# 2020 **CSA**

# Global Corporate Sustainability Awards





# **GCSA** Outstanding Professional

World Class





Group Chairman CTCI Corporation

Under the leadership of CTCI Group Chairman John T. Yu, CTCI has grown from a domestic engineering firm of 800 people into a global conglomerate with around 7,000 staff, enjoying an expansion of registered capital from NT\$100 million to NT\$7.6 billion.

Being the only engineering firm in Taiwan that is able to compete against contractors from Europe, the U.S., Japan, and South Korea, CTCI currently has around 40 operation bases in over 10 countries worldwide, a proven record of its in sustainable development and globalization.

Mr. Yu plays an indispensable role in turning CTCI into what it is today, marking a milestone in Taiwan's engineering industry.



# SIEMENS

# Erdal Elver

President & CEO Siemens Ltd. Taiwan

Erdal Elver has been serving as Siemens Taiwan President & CEO since 2012. Prior to his current role, he held various leadership positions within Siemens in Vietnam, China and Germany. Erdal is also the Vice Chairman of European Chamber of Commerce Taiwan since 2018.

Erdal has been an inspiring thought-leader and strong advocator in the industry, energy, city infrastructure sectors as well as the megatrend Digitalization.

Through partnerships established over the Taiwan Sustainability Summit as well as advocacy and actions on Industry 4.0, smart manufacturing, offshore wind power, energy efficiency, smart & sustainable cities, smart buildings, vocational education and digital technologies including industrial AI, Siemens, under Erdal's leadership, have made substantial contributions to the sustainable development of Taiwan.



### Outstanding Practice

### World Class

友達光電

### AUO GreenArk Journey - From industry water optimizing to sustainable ecosphere

AUO has delved deeply into the issue of water resource for many years, from the introduction of "AUO Green Solutions" in 2008 to the current "EPS Sustainable Goals," optimizing the utilization of water resource. After 12 years of hard work, AUO's water consumption per input sheet substrate area has dropped significantly from 0.79 tons per square meter in 2007 to 0.35 tons per square meter in 2019, marking a reduction of 44%. In 2015, AUO used locally and independently-developed leading technology to become the only company in Taiwan to

achieve the goal of zero wastewater discharge at its Longtan plant. Furthermore, the Company has set its Water 2020 goal to extend its experience in the value chain to cooperate with suppliers in conserving water. In 2017, AUO smoothly developed its technology into business opportunities by establishing the U-Fresh Technology company. This provides solutions for comprehensive output of water treatment and zero discharge of wastewater, bridging technology and the environment and sharing its values with the industry.



In addition to management and technology transfers in regard to water resource, AUO is also committed to delivering the concept of water sustainability to the public. It has set up an education hall for water resource in the zero-drainage plant, and in 2018 it was additionally approved by Taiwan's Environmental Protection Administration to obtain environmental education site certification. With this venue, it creates a partnership between enterprises and society to share and cherish water resources.

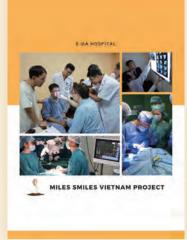
# **Emerging Market**

### うじん Miles Smiles Vietnam Project

In 2002, Professor Jeng joined his first medical mission organized by Operation Smile (OS) to Vietnam. OS is an international charity that provides free surgery for patients with cleft lips and/or cleft palates (CL/P), and other craniofacial deformities. After he joined E-DA in 2011, he introduced the Miles Smiles Vietnam Project. We began with preliminary discussions with OS Vietnam (OSV) and sent a pilot mission team in 2013. Since then, we participated in medical missions to Vietnam biannually when possible.

Often medical missions perform surgery and leave. The project contained 3 components: education-based microsurgery mission, lectures, and CL/P surgery mission. Our goal was to build local surgeons' skills in microsurgery, reduce patients with CL/P in Vietnam, and provide our team with hands-on experience on the global health field. We partnered with OSV and local partners to execute the project. The project was designed to expand the professional skills of local surgeons through the "train-the-trainer" approach. We provided high quality education which includes hands-on training and lectures, for local surgeons to excel and self-sustain in microsurgeries, reducing the inequality in healthcare service delivery to the community, and substantially increase the number of young surgeons who have relevant skills. Moreover, many patients with CL/P have low socioeconomic status and are unable to pay for the surgery. We committed to provide the financial support for the delivery of surgery and other costs that arise. Our team has seen firsthand how one surgery can change a patient's life (and their families) from physical challenges, and social stigma attached to their condition. The feedback we receive from our local partners is always filled with positive comments. We hope to grow our project further as we are now expanding to include Taiwan's medical and language students looking to improve their health communication skills.

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# Great Practices World Class



### Carrefour Taiwan cage free eggs impact

Animal welfare, environmental friendly, and health issues are getting more and more important. In recent years, the number of Cage-Free Egg brands found in Carrefour Taiwan has increased from three to twenty-three brands, and each of them adapts cage-free breeding entirely. Compared with 2018, the revenue of cage-free eggs in 2019 has grown 6% in Carrefour Taiwan; the market share has grown from 4% to 22%.

#### Ally with NGO-national and international

Carrefour Taiwan works with Environment and Animal Society of Taiwan (EAST) to initiate Cage-Free Eags. Apart from holding speeches, activities, and environmental education, Carrefour Taiwan and EAST also corporate to lobby the ACT of egg classification and established Cage Free Alliance (CFA). Open Wings Alliance (OWA), composed of 50 countries and 53 animal protection organizations globally, also

praised Carrefour Taiwan's action. In 2019, the director of Corporate Relation in OWA, Amy Odene, filmed a video, showing that she is surprised and admires what Carrefour Taiwan has done on promoting animal welfare. The vice president of Policy and Strategy in OWA, Aaron Ross, implies that the action will definitely cause a series of chain reaction in Asia in the future.

#### The Characteristic of Carrefour Taiwan Cage-free Eags

After visiting various poultry framinas, Carrefour Taiwan established its first caae-free eags under private brand in 2019. What's more interesting, when consumers open the box of eags, on the package, they will see a letter from a cage-free hen: "Thank you for letting me fly again. Most of my partners, 37000000 hens in Taiwan, are jailed in narrow cages for the entire life; they have never stepped on the ground, not to mention opening their wings and cleaning their wings. Human beings deprive us of our nature and force us to lay eggs, rest, and even trample each other within a small cage anxiously. When opening the box of eggs, not only do you open my cage but also open your wellness and health."What's more, whenever a box of eggs is sold, one dollar will be donated by Carrefour. Until now, Carrefour Taiwan has donated around 80000.

#### Firsthand communication is always the best way

Carrefour Taiwan has exerted to communicate the importance of animal welfare with the public. In 2018 and 2019, Carrefour Taiwan participated in an exhibition which was held by TED Taipei. In the exhibition, the living environments of caged and cage-free hens were presented respectively; visitors can experience the life of a caged hen with their senses. After the activity, over 80% of the people participated are willing to support Cage-Free Eags.

#### Cross Broader Cooperation: a meaningful dessert

In 2019, Carrefour Taiwan and EAST launched Matcha Egg Roll. The Egg Roll use not only cage-free eggs but also matcha powder from Tokyo, Japan. The Matcha Egg Roll was popular among consumers and even tourists, which means quality ingredients matter when it comes to purchasing food. What's more, Carrefour's effort was recognized by Tokyp government. The mascot of Tokyo Government-Matcha Prince-also came to Taiwan in person and recognized Carrefour's effort was recognized by Tokyp government. cage-free eggs together.

### DBS eco Credit Card

**DBS eco Creait Cara** 6 Billion payments cards are produced annually, typically made from PVC. These cards are replaced on average once every three to five years, with discarded cards contributing tons of harmful landfills waste globally. DBS with sustainability in its core looked deeply at how we can make start 星展銀行 leading a change in sustainable payment by replacing non-renewable base PVC cards with eco-friendly alternatives. The concept might sound

simple, but the execution is far from that as the sustainable and renewable card material have to comply with strict standards required to support secure, frictionless and ubiguitous payment standards of international card associations such as MasterCard while supporting iPass a Taiwan local eWallet which is largely used on public transit.

Working with Thales one of the largest card manufacturer and smart chip suppliers globally, Polylactic Acid (PLA) was selected to be the go-to material for our DBS eco (everlasting care for one-earth) Card as it is not only a TUV certified sustainable material produces 68% lesser carbon footprint and uses 28% lesser energy consumption

in production process when compared to traditional PVC. PLA also very importantly supports Taiwan local eWallet iPass as the card product should not only be made from sustainable and renewable material. the function the material supports should also drive eco-friendly behavior such as taking public transit.

To further drive the spirit of sustainability, we introduced the DBS eco card with mission critical benefits supporting Taiwan Social Enterprises, eScooter charging, automobile sharing and public transit to reward eco-conscious consumers for their one-earth sustainable lifestyle choices.







### Great Practices World Class

### 谷 玉山金控 E.SUN FHC Innovative Green Energy Finance Enabler -- Localization of offshore wind farm project finance

In order to support green energy development, E.SUN bank has introduced innovative application of financial instruments to localize offshore wind farm project finance. It also encouraged more foreign and local financial institutions to participate the wind farm syndication deals which not only helps support local green energy development but also further supports global sustainability. E.SUN's localized green project financing structure can provide risk diversified channels for financial institutions and further help developers seek funding both locally and globally. To achieve localization of wind farm project finance, E.SUN has worked on a series of changes in 3 main aspects. They are i) Organizational learning ii) Innovative application of financial instruments iii) Customized products and service

Through the effort, E.SUN bank is one of the first local financial advisor for international offshore wind farm developers and helps the developer obtain the largest power capacity allocation during local "Offshore Wind Power Planning Site Selection Phase". Furthermore, E.SUN also helps Yunlin offshore wind project reach the largest green project finance in Asia with funding recorded at TWD94bn. As of today, the deal is also only deal that state-own banks have participated in.

To qualify E.SUN's effort on green energy project finance, we have supported 638 solar power stations, 238 onshore wind turbines, and 189 offshore wind turbines. The total power capacity of over 3,631 MW provides 9.7 billion kWh of clean electricity, which, can be used by 2.78 million households for one year, and reduces carbon emissions by 5.183 million tons per year. E.SUN takes business sustainable development as the core value. Incorporating with several parties, we strive to bring positive impact to the society and the environment. We believe our passion will influence more people and more companies to join sustainable activities.

#### **隆**遠東新世紀 FAR EASTERN NEW CENTURY Building a Climate Resilient Corporation

FENC implemented the project on TCFD Climate-related Financial Disclosure in 2019 and evaluates climate-related risks and impacts on all Businesses and production sites based on the TCFD framework. The assessment serves as the basis for formulating climate-related management strategies. Based on the assessment, the strategies are formed under two categories – Product Design and Production Operation. FENC also forms short-, mid- and long-term goals. Meanwhile, the Company continues to optimize its management on its path toward becoming a climate resilient corporation.





# Great Practices World Class

#### 信義房屋 SINYI REALTY Active ageing – Gung Ho Project

With the global tsunami of ageing, Taiwan also faces the challenges of rapid population ageing and declining birthrates. The burden of long-term care for the elderly may overwhelm the future of younger generation and cause intergenerational conflicts. Sinyi Realty received the call and began to lead the civil society to build a platform for the "Active ageing - Gung Ho Project" since 2016. The key is to promote active ageing for elders to extend their healthy and independent life years. It also encourages the elders to contribute to the society. Thus their sense of happiness is increased, and the burden of young generation can be decreased. The project is supported by three elements: "Be creative, Be practical, and Be better together". It recruits creative ideas from everyone, then invites people with ability to implement, and encourage s different groups to support active ageing.

In the first half of the year, the "Idea Competition" is held to seek inspiring and influential ideas of helping seniors achieve their dreams. Anyone who has an idea for a senior life can write 300 words to post their thoughts and get involved. In the second half of the year, Sinyi will hold a "Gung Ho Action" competition. Contestants will submit concrete action plans based on the selected ideas of the Idea Competition, and then participate in a presentation workshop in order to secure funding for program implementation.

Sinyi especially looks after the elders in rural communities with limited resources. Being not just a simple funding provider, the focus on enhancing the experience and knowledge of these partners is strengthened by holding joint training programs every year.

Four years from the program was implemented, four generations were attracted to participate, 2000 innovative ideas were accumulated. 26 out of 300 proposals have been put into practice.

### 信義房屋 SINYI REALTY From Green Realtor to Green Societies

In recent years, the global effectiveness in reducing carbon emissions has not reached expectations, turning "climate change" into a "climate emergency". In the face of such urgent challenges to the world, even though, the real estate industry is not a major producer of carbon emissions, Sinyi Realty has chosen to focus on the impact of climate change to fulfill its responsibility and obligations of global citizenship. The Board considers climate change as a material risk. In response to the SDGs, Sinyi has proposed six major sustainability principles, of which the environmental-oriented principle is "Pioneering environmental awareness in the service industry". We have incorporated the concept of efficient use of world resources into our business operations, set management goals, strategies and action plans, integrated internal and external resources, raised environmental awareness and rehabilitating breeding activities, and conducted environmental ISO verifications in order to enhance climate resilience, hoping to integrate the real estate industry with human power to resolve the "climate emergency" and also improve corporate competitiveness to achieve the 2030 mid-term strategic goals, thereby contributing to the human sustainability.



In view of the global environmental trends, Sinyi has set out our environmental long-term, mid-term and short-term strategic goals and is committed to continuingly improve what we can do to achieve our goals. Since Sinyi's carbon emissions of electricity consumption account for 91% of GHG emissions (category 1&2), we set the carbon emissions of electricity consumption per person as the performance indicator of our carbon management. So far, compared with 2010, we have already reduced carbon emission of electricity consumption by 37.93%. Since 2010, we have cumulatively reduced 26,977 tonCO2e. The cumulative reduction has reached 287% of the 2010 level. However, Sinyi Realty does not stop and will keep on taking actions. As a pioneer in the field of CSR, Sinyi not only continues to implement environmental protection actions, but also advocates CSR issues, hoping to lead the real estate industry to jointly protect our planet.



### Great Practices

# **Emerging Market**



### Promote circular economy, reduce resource consumption and greenhouse gas emissions.

Pursuant to SDGs 12: Responsible consumption and production, Asia Cement integrates the arteries and veins of the industry, and transforms the original cradle-to-grave waste treatment method into a cradle-to-cradle resource recycling model to achieve sustainable benefits such as reducing natural resource consumption, reducing greenhouse gas emissions, and creating job opportunities .



Asia Cement promotes the reuse of sustainable and renewable raw materials and fuels, and establishes a complete circular economy model to replace natural raw materials and fuels. This can solve the dilemma of waste disposal faced by the government and many industries, convert waste into effective resources in the cement production process, and create new value for the cement industry.

Asia Cement has formulated the "Measures of circular economy in acquiring and reusing raw material and fuel" and "Circular Economy Management Procedures" to implement the management system to promote circular economy. The sustainable ESG benefits include:

- 1. Environmental benefits
- a. Reduce the demand for mining natural raw materials and fuels
- b. Provide waste treatment services for the society
- c. Control CO2 emissions and reduce fuel consumption
- d. Reduce water impact

- 2. Economic benefits
- a. Reduce fuel and raw material costs
- b. Build a sustainable circular economy model
- c. Reduce the risk of resource dependence and strengthen organizational resilience

3. Social benefits

a. Increase employment opportunities

b. Improve customer relations

Asia Cement has set the target by 2030, the annual use of alternative raw materials is 1.3 million tons; the annual fuel replacement ratio is 15%, the annual greenhouse gas emissions will be reduced by 1.126 million tons of CO2e, and the life cycle water impact will be reduced by 135,000 tons per year. 12.7 million tons of water was recycled and reused.



### Khoiruttakwa Community Project, Community Development Project for Sustainability according to the Sufficiency Economy Philosophy

Metropolitan Electricity Authority (MEA) implemented community strengthening programs which were continuously implemented in accordance with MEA Sustainable Development Master Plan 2012-2016 and 2017-2021, consisting of 3 main activities 1) Community Outreach Activities 2) Community Development Activities for Sustainability 3) Professional Electrician Activities In 2016, Khoiruttakwa Community was one of the communities that MEA and the Faculty of Social Sciences Srinakharinwirot University operated to enhance and become sustainable community by planning, implementing, following up and evaluating performance with community in context of MEA. The objectives were to generate income, reduce costs, together with conserve the environment, maintain the community lifestyle and improve quality of life with the Sufficiency Economy Philosophy, details as follows: 2016 - 2017: Supporting catfish raising in cement ponds for consumption and for sale with a pond production of about 43 kilograms. With the support, the community could reduce household expenses from long distance traveling between community and the market in the amount of 11,920 baht per year, and gained income from the catfish sale of 6,960 baht per year. Moreover, the community has become a knowledge center of catfish breeding. There have been a lot of visitors from both public and private sectors, both from Thailand and other countries (Malaysia, India, Indonesia and



etc.) who visited the community and learnt about the sufficiency economy and self-sufficiency lifestyle. 2018-2019: Supporting to install on-grid solar cell system in public areas by using organizational skills to expand sources of the renewable energy. The support helped the community save electricity costs in the installation area up to 40%. As a result, the community has been a learning center of sufficiency economy and renewable energy.



### Great Practices

### **Emerging Market**

# PERTAMINA A Success Story to Act Locally and Inspire Globally : How to Turn a Temporary Fall Into an Advantage that Supports the Sustainability of Community-Based Ecotourism Program

PT Pertamina Hulu Energi (PHE), an upstream oil and gas subsidiary of PT Pertamina (Persero) – Indonesia's State-Owned Energy Enterprise, has developed the program of Mangrove Ecotourism Program in Labuhan Village, a village on the north coast of Bangkalan on Madura Island, East Java, Indonesia.

PHE has developed the program through its subsidiary PT Pertamina Hulu Energi West Madura Offshore (PHE WMO) to address the fundamental problems experienced by Labuhan Village in environmental, social and economic aspects, on the other hand also has the natural potential, by integrating socio-economic community empowerment activities with environmental preservation/conservation aspects. Among them are through mangrove tree planting, developing community-based ecotourism, strengthening community cohesiveness, developing the coral reef areas, and promoting local products.

The program is carried out through multi-stakeholder synergy with the involvement of community groups, local governments, civil society organizations, universities, and stakeholders who have succeeded in mobilizing local communities and encouraging environmental-friendly village development. In addition, the advantage of the program that differentiates it from other similar programs is the resolution of land conflicts in the community which is facilitated by the Company, government, Civil Society Organisations (CSO) and other related stakeholders to enable the community to resolve problems among themselves and maintain the program's sustainability.

Labuhan village initially had severely damaged and critical mangroves, as well as called as a 'brain drain' village, which has now been transformed into an environmentally friendly coastal ecotourism village and is empowered by its own community. The result of the latest SROI calculations reached 1:2.92. This value shows that for every IDR1 invested by the Company, it has provided social benefits worth more than IDR2.92 in total for PHE and other stakeholders.

# **GCSA** Sustainability Reporting Emerging Market



The Indonesian mining company gives readers a clear picture of how the company integrates ESG into its daily business. It shows that the company successfully implements the focus of safe, people, and recovery into its business operation. The report features the company's respect to the local cultures and species as well as proving training to SMEs in the empowerment areas for supporting independent rural areas development in 10 regions. The website design for displaying its sustainability is beautiful, simple, and to-the-point.







# **GCSA** Sustainability Reporting World Class





### China Airlines Ltd.

As an airline carrier, China Airlines has demonstrated a clear CSR strategy and objectives are linked to its operation model. The report demonstrated a clear and rigorous communication strategy with its stakeholders while giving readers a clear picture of the airlines' future directions and goals. The CSR webpage is interactive through creative features, this includes carbon footprint disclosure allowing the visitors to search for carbon emission expected from flying to their planned destination. This feature is an initiative the airline has taken in response to Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA).





### Delta Electronics, Inc.

Delta was able to quickly set up an epidemic prevention command center and formulate an epidemic response plan in response to the risk of the COVID-19 epidemic, that its factories worldwide have common principles to follow to ensure uninterrupted corporate operations and employee health. To accelerate the low-carbon transformation of transportation and response to the goal of keeping global warming below 2°C, Delta joined the international EV100 initiative for electric vehicles in 2018 as the first electric-vehicle energy infrastructure provider. Furthermore, a clear information about the relationship between remuneration and sustainability efficacy, performance and certification processes is being outlined in the report.





#### **Dialog Semiconductor**

Dialog Semiconductor has integrated non-financial information relevant to ESG into its annual report. The detailed governance and financial statements have effectively increased comprehension while placed more sense of responsibility to the stakeholders. Dialog reports data in both absolute numbers and normalized format. As the title "Building a Power-Efficient Connected World", the entire report is based on product performance. The report clearly disclosed those in charge of managing sustainability issues and the management approaches taken.

### Microsoft



### **Microsoft Corporation**

Established in 1989, Microsoft has dedicated towards innovation. Microsoft requires its global manufacturing partners and vendors to follow environmental practices with respect to their facilities, operations, and the products manufactured. Microsoft's sustainability report demonstrates strong governance, management, and leaderships on material issues. Sustainability practices are further displayed on its corporate website linking strongly to sustainability development goals (SDGs) giving human-centered impression through multimedia features.



# **GCSA** Sustainability Reporting World Class





SGS S.A.

As a multinational company and the world's leading company providing services in testing, inspection, and certification specialized business solutions that improve quality, safety, productivity and reduce risk. The company elaborates its results of the consensus reached through stakeholder consultations and how the results contribute to changes in the organization's establishment of strategies. It is noted in the report "In 2019, SGS raised internal awareness on sustainability issues through a series of employee engagement initiatives", which is essential to sustainability culture of a company.



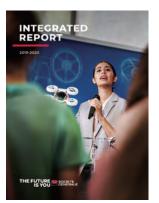


### Sinyi Realty Inc.

As a winner of GCSA Sustainability Reporting Award for 3 consecutive years, Sinyi Realty presented an attractive, readable, and creative sustainability report and website giving a long-lasting impression. From a multimedia applications perspective, the company is proactive in responding to news allegations through an interactive webpage. The company has also taken the initiative and leadership to establish the link between Board Member Compensation and Sustainability Performance.



### Societe General



A European leader in financial services for over 150 years, Societe Generale builds on its purpose and strategy to contribute shaping the world of tomorrow, creating financial and extra-financial value with an ambitious CSR objective. With responsibility at the heart of its value creation model, Societe Generale has set itself the challenge of consistency, in the way it operates and develop its activities: CSR is therefore a guiding principle in its strategic plan, governance, risk management, and capacity to innovate. This integrated approach, encompassing reporting and transparency, is part of a progress path to support Societe Generale's purpose: "Building together, with our clients, a better and sustainable future through responsible and innovative financial solutions."







Being the first semiconductor company worldwide to join RE 100 in 2020, TSMC has applied solid frameworks and managing tools such as Corporate Social Responsibility Matrix for sustainability practices. The report has demonstrated strong stakeholder engagement through technical frameworks such as TCFD while outlined a comprehensive strategy map for the value chain which closely links its business operation. The communication through multimedia is lively and creative.

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證券櫃檯買賣中心 Taipei Exchange



# **A Practitioner of Green Power**

al al di la

國武國法國

TSMC pioneered the pure-play foundry business model when it was founded in 1987, and has been the world's largest dedicated semiconductor foundry ever since. The company supports a thriving ecosystem of global customers and partners with the industry's leading process technologies and portfolio of design enablement solutions to unleash innovation for the global semiconductor industry. With global operations spanning Asia, Europe, and North America, TSMC serves as a committed corporate citizen around the world.

TSMC's goal is to facilitate coexistence and mutual prosperity between businessand environment. Aiming to become a practitioner of green power, we assimilategreen management into our business and implement continuous improvement projects in the areas of climate change, energy management, water management, waste management, and air pollution control. We hope to protect our environment while increasing the Company's value. World 1<sup>st</sup> The World's First Semiconductor Company To Join RE100

Global No.1 Most LEED Certified Semiconductor IndustryArchitecture Area In The World

19th Consecutive Year

Dow Jones Sustainability World Index



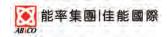
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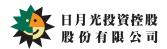


### Partners



#### Energy sustainability, Abico is be with you

Abico provides smart environmental protection, recycling energy-saving space and equipment planning completely, also improve employee health CHR and ESG public welfare activities. We hope to hat with warm and professional services, it will help enterprises to save energy and reduce carbon, promote employee health innovative development of rural education and social welfare with warm and professional services, establish a new relationship of trust for sharing and mutual benefit.



### Committed to a Win-Win Sustainable Future

ASE Technology Holding Co., Ltd. is jointly established by the combination of Advanced Semiconductor Engineering, Inc., Universal Scientific Industrial and Siliconware Precision Industries Co., Ltd. ASE Technology Holding will enhance research and development capability, expand global market footprint, contribute advanced technical support for nextgeneration applications, and provide miniaturized, highquality, highly integrated, and fast time-to-market services to all customers. ASE Technology Holding's global manufacturing facilities are strategically located in Taiwan, China, South Korea, Japan, Singapore, and Malaysia, Mexico as well as the Americas and Europe, with 90,000 employees. ASE Technology Holding continues to advance its corporate sustainability through a sustainability development framework that comprises of four strategic pillars - Low Carbon, Circular, ASE Confidential / Security-C Inclusive and Collaborative directions. The framework forms the basis for formulating innovative business models and best practices in key areas such as Smart Factories, Pandemic Preparedness, Energy Resources Recycling and Information Security Management. ASEH is rapidly evolving to respond proactively to industry trends and stay abreast of social changes. It is the company's responsibility to sow the seeds of a sustainability value and culture that will contribute to positive social and environmental impacts.







### Go Beyond CSR, Create Shared Values

As a solution provider of TFT-LCD and Solar energy, AU Optronics utilizes corporate resources to realize Value Sharing, Social Inclusion, and Environmental Protection to become a sustainable outstanding company. We encourage ourselves to go beyond CSR and create shared value.



### What if We Could

Cathay Financial Holdings will soon be celebrating its 60th anniversary. It is at this crucial time that we use the spirit of "What if We Could" to bring sustainability into our daily operations and to make breakthroughs. We hope to become a company that allows employees to fully utilize their talents, is trusted by customers, provides investors with long-term returns, and is respected by society. Looking towards the future, we will continue to pursue the building of a better society with the vision of becoming a leading financial institution in the Asia-Pacific region.









### Supreme Quality Superb Service Selfless Contribution

A safe, clean and internationally-competitive integrated energy enterprise. As global warming and the resulting climate change intensify, CPC-all the while working diligently at its core businesses and at fulfilling its role as Taiwan's principal provider of clean energy- remains committed to creating positive outcomes in terms of environmental protection, economic development and concern for the community in order to create a better future for all. Supreme Quality Superb Service Selfless Contribution.





### Strive for Intelligent Transformation to Build Steel Foundation for Sustainability

CSC was founded in 1971 and is the biggest steel company in Taiwan with the production of plates, bars, wire rods, hot and cold rolled coils, electrogalvanized coils, electrical steel coils, and hot-dip galvanized coils, etc. CSC focuses on smart manufacturing/marketing and circular economy, and positions itself as a steel mill that produces premium products with high value and devotes itself to the development of the green energy industry as the operational and developmental cores.





### We are family

In response to the U.N. Sustainable Development Goals, we've coined for our commitment to Transparency, Responsibility, Understanding, Satisfaction, and Together. We will continue to implement sustainable practices and moving rapidly forward toward our "Taiwan Champion, Asia Leader" vision.



### The Most Reliable Global Engineering Services Provider

- Founded in 1979 and headquartered in Taipei, Taiwan, CTCI Group has around 40 subsidiaries in 15 countries with around 7,000 engineers worldwide, and is a member of the Dow Jones SustainabilityTM Emerging Markets Index.
- The Group offers a comprehensive range of services, products, and solutions in hydrocarbon, power, environmental, transportation and industrial EPC lump-sum projects.
- Its organization places the Executive Committee as the highest decision-making unit. Based on the business nature, all units are classified into Group Engineering Business, Group Resource Cycling Business, and Group Intelligent Solutions Business, while Group Shared Services provides overall back-end management and services.
- CTCI Group owns two global brands: "CTCI" and "ECOVE, both are driven by the brand spirit of being "The Most Reliable". While CTCI provides services, products, and solutions to clients in the engineering sector worldwide, ECOVE is a resource management services/solutions provider.





### 🕋 玉山金控 Е.SUN FHC Pure as Jade, Stern as Mountain.

Named after the highest mountain in Taiwan, we are determined to be the best bank in Taiwan, and one of the most distinctive banks in Asia. E.SUN is a bankers' bank led by professional managers, and has achieved a consistent performance both internationally and domestically in various domains, including corporate governance, business performance, service quality, risk management, and fulfillment of corporate social responsibilities. E.SUN will strive to work even more conscientiously, maintain our spirit of "Pure as Jade, Sturdy as Mountain," and employ prudent strategies and team execution to provide high quality of financial services and optimize customer value.



ICLEI-Local Governments for Sustainability is the world's largest international organization for sustainable urban development of local and regional governments. We lead knowledge exchange and sparks city-to-city connections worldwide to build a sustainable urban world. Active in 100+ countries, we influence sustainability policy and drive local action for low emission, nature-based, equitable and people-centered, resilient and circular development. These pathways are designed to change individual urban communities and promote global sustainable development through collective actions. 10 out of the 22 administrative divisions in Taiwan are ICLEI member cities. We impact over 80 percent of the total population. ICLEI Kachsiung Capacity Center was established in 2012. Also known as ICLEI KCC, the Center is the only ICLEI Capacity Center in the East Asia Region. We have provided sustainable capacity building, advocacy platform, global knowledge exchanging and peer-learning services under the support of ICLEI Taiwan Member Cities and partnerships. Through co-working with the ICLEI World Secretariat, Regional Offices, public and private sectors as well the international scholars and experts, we assist the cities in Taiwan and the East Asian region in planning training programs, technical expertise support and sustainable policy management information sharing. For more information, please visit: http://icleikcc.org/

### Adhere to Sustainability, Become the Leading Brand of Housing Lifestyle Industry

Founded in 1981, Sinyi Realty Inc. provides innovative and comprehensive real estate services, that build on its mission of upholding and promoting the security of real estate transactions. Headquartered in Taiwan, and has branched out internationally into China, Japan, and Southeast Asia. The Sinyi Group is vertically structured into different business units that encompass the primary business of real estate, including real estate services and construction across international markets, and a special unit for culture and public welfare. In line with its motto: "Sinyi begins with trust and ends with perfection", Sinyi has reshaped the structure of the real estate industry in Taiwan, by constantly initiating high-quality services that surpass the industry average, as evidenced in customer satisfaction rates. Sinyi has distinguished itself as a role model for responsible business by embedding ethical business behavior into its core organizational strategy. Having remained the largest Taiwanese real estate brokerage company by revenue for 26 years in a row, Sinyi is the perfect example of how profitability and responsible business conduct can go hand in hand.





• L.C. L. E. I

L for Sustainability Kaohsiung Capacity Center

Local

信義房屋

SINYI REALTY

Governments

### Our light and heart are always with you

Shin Kong Life Insurance Co., Ltd. (Shin Kong Life) has built a solid foundation in Taiwan for more than 50 years. Facing the coming of aged society, we focus on long-term care policies and innovate comprehensive long-term care products with the core competence of insurance segment. Shin Kong Life promotes "Community Care" activities everywhere in Taiwan, which makes us the doer to resolve social issues and the innovator of social value, keeps realizing the sustainability value "Our light and heart are always with you" completely.











### Total Climate Commitment ; Total Care Commitment

TCC is one of the representative brands of Taiwan. We are a green environmental engineering company focused on the complex relationship between human and nature, Environment, Energy and Cement are the three cores in the business of TCC, and the Circular Economy, Renewable Energy, and Ecology are the three major pivots for the development of TCC in the future. TCC will not only be a manufacturer and marking company of cement, but also an Eco-Solution Provider dedicated to ecological solutions and protection of the natural environment.

### ✦ 台玻集團 TAIWANGLASS

### Provide satisfactory products to our customers through advanced technology and Total Quality Management (TQM).

#### Our Philosophy

Make Taiwan Glass a highly effective organization with outstanding achievement through global perspective, sound operating strategy and strong financial foundation.

#### Our Goal

Create strong customer relationships through delivering outstanding quality and comprehensive service at reasonable prices to satisfy customers; make contributions to society through rewarding shareholders and taking care of employees. **Our Quality Policy** 

Provide satisfactory products to our customers through advanced technology and Total Quality Management (TQM).



### Integrity, Caring, Service and Growth

Taiwan Power Company, Taipower, is a vertically integrated power utility, includes power generation, transmission, distribution and sales. As the helmsman of the country's stable power supply, Taipower continues to stride steadily forward. We always follow the management philosophies of Integrity, Caring, Service and Growth, devoting ourselves to supplying stable power for the need of social diverse developments with an eco-friendly approach at a reasonable cost. Taipower is committed to creating multifaceted value for stakeholders, becoming a superior and trustworthy world-class power utility.



### 🐃 The Shinning Star in Asia - Taipei Exchange

As one of the major pillars in Taiwan's securities market, the TPEx aims to promote economic development. In support of government economic policies, the TPEx endeavors to foster Taiwan's local characteristic enterprises, develop new products, boost market turnover, and actively engage in exchanges and cooperative programs with other capital markets to expand the business. Today, after years of steady growth and development, the TPEx is now a highly unique provider of financial products and trading services in the international market.











#### 财團法人台灣綜合研究院 Taiwan Research Institute

# To draw together collective wisdom, to plan for the future, to foster social transformation, and to facilitate economic development

Taiwan Research Institute (TRI) was established in 1994 by a group of leading members of the business community in Taiwan. The Institute is operated by academic elites, and chartered by the Ministry of Education as a privately funded non-profit organization. Its mission is to engage in the planning of Taiwan's overall strategic development and the in-depth study and analysis of Taiwan's public policy, and to promote ultimately Taiwan's long-term modernization. TRI dedicates itself to the general public as a non-partisan specialized think tank.

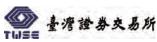




### Being an uplifting force for society on the road towards sustainability.

TSMC is unwavering in its commitment to strengthening technology leadership and being an outstanding manufacturer so to be the most reliable collaborative partner for its customers. In addition, TSMC upholds a responsible business philosophy, collaborates with both upstream and downstream partners to foster sustainable development, and works to make progress in the dimensions of economy, environment, and society. TSMC aspires to be an uplifting force for the common good of society.





### Enabling Easier Fundraising For Enterprises And Ensuring Safer Public Investment

The Taiwan Stock Exchange Corporation (TWSE) was founded over half a century ago. As a key player in promoting economic progress, boosting business growth and generating capital, our mission over the past fifty-plus years has been to support the development of industries and generate profitable opportunities for the investing public. We have continued to excel in our role as the central matching platform for fundraising and investment in the capital market, integrating a multitude of diverse investment tools available to investors in today's age. Looking to the path ahead, the focus and biggest challenge of the TWSE in today's macro environment of economic stagnation is to inject momentum into Taiwan's economy and forge new opportunities for growth. With your participation and support, we have every confidence of enhancing the economy through our high-quality services.





### Leading Taiwan to exert influence in the field of energy transition and sustainability development.

Taiwan Institute for Sustainable Energy (TAISE) works to raise the awareness of climate change, sustainable energy, corporate sustainability, university sustainability, and SDGs. Founded in 2007, TAISE established a platform for academics and industries in the field of sustainability. TAISE facilitates academic publications and encourages knowledge exchanges with the mission of manifesting sustainable development.

### Most Influential Corporate Sustainability Leading Firms in Taiwan.

Center for Corporate Sustainability (CCS) currently has 56 corporate members, representing the modelled Taiwanese companies in corporate sustainability. In 2019, CCS member's total annual operating income exceeded NT\$ 10 trillion, equivalent to over half of Taiwan's actual GDP. CCS was founded with a mission to fulfill corporate social responsibility and to achieve this mission.

### Building the sustainable future we need !

Taiwan Academy of Corporate Sustainability (TACS) was established by Taiwan Institute of Sustainable Energy (TAISE) in 2016 with an aim to strengthen corporate and university sustainability in Taiwan. TACS provides a unique, revolutionary and holistic program on sustainability. TACS also presents awards to those in recognition of their hard work and dedication towards sustainability. TACS believes that enhancing today's success can inspire sustainable future.

### Deepening Sustainability Education, Nurture Sustainability Talents.

CTCIEF was founded in 2016, with the mission to strengthen education standards, develop talents, encourage academic scholars, and research, creating a lifelong learning environment to further strengthen national competitiveness for Taiwan by applying CTCI Group's core competencies and years of knowledge in local and international projects. The list of events established include Taiwan in My Eyes 120 hours, Youth Sustainability Leadership, and CSR Captain Program.











Organizers

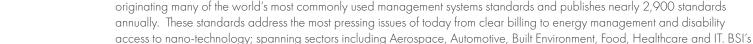
**TAISE** 

台灣永續能源研究基金會









Inspiring Trust for a more resilient world.



Deloitte refers to Deloitte Touche Tohmatsu Limited (DTTL), a UK private company limited by guarantee, and its network of member firms. Deloitte & Touche ("Deloitte Taiwan"), the only member in Taiwan of DTTL, is part of a broader network including Deloitte & Touche Consulting Co; Deloitte & Touche Tax Consulting Co., Ltd; Deloitte & Touche Financial Advisory Corp.; Deloitte & Touche Risk Management Advisory Co., Ltd; Deloitte & Touche Real Estate Consulting Co., Ltd; and DTT Attorneys-at-Law. The professional services provided by Deloitte Taiwan include timely updates on regulatory changes, risk advisory, integrated financial advisory services, and solutions to enhance competitive strength. Deloitte Taiwan holds a significant position in the market and provides globalized services and resources to help its clients in overseas IPOs, fund raising, listing in Taiwan by foreign issuers, IFRS compliance, China investment services, etc. "To be the standard of excellence" is Deloitte's vision, which drives us to provide consistently superior services that differentiate us in the marketplace. With our culture marked by "Innovation", "Impact", and "Leadership" we provide impeccable global services and best-quality professionals, which make us the top choice of first-tier clients and talents.

BSI (British Standards Institution) is the business standards company that equips businesses with the necessary solutions to turn standards of best practice into habits of excellence. BSI helps its clients drive performance, manage risk and grow sustainably; making their organization resilient - one that is agile, adaptive, robust and competitive. Formed in 1901, BSI was the world's first

National Standards Body and over a century later is globally recognized as a champion of best practice. BSI is responsible for

standards are underpinned by a collaborative and rigorous approach honed over decades; working with industry experts,

government bodies, trade associations, businesses of all sizes and consumers to develop the standards for excellence.



**bsi** <sup>英國標準協會</sup>

### Your social responsibility is our responsibility.

ESTC has been deeply involved in the field of environment management and green competitiveness consulting service. In addition to assisting enterprises with joining the CDP and constructing carbon footprint management system from the standpoint of complete greenhouse gas inventory, ESTC also assists industries with taking part in community responsibilities, subjects of greenhouse gas management and climate change adaptation, broadening industry's low carbon management horizon, and ultimately heading for carbon resource management stage, building carbon risk management mechanism, and elevating low carbon management competitiveness.



### Building a better working world.

To better help clients, EY Climate Change and Sustainability Services are embedded across a number of the services, geographies and industries. EY integrated and multi-disciplinary teams, drawn from a broad range of subject matter professionals, will help clients identify the right people to bring to the table and develop customized recommendations that are innovative and effective













### Green University > Sustainable Campus.

1.Connect each university to promote Green University in Taiwan.

- 2. Jointly strive for resources for promoting green university.
- 3. Sharing Green University information and enhancing cooperation among universities.
- 4. Integrating government, business and non-government organizations to enhance the sustainable management and development of the universities.
- 5. Promoting the exchange of academic and practical fields between international organizations and Green University in our country.







### **CORPORATE** The Complete Picture in ESG Disclosure and Performance.

ISS Corporate Solutions (ICS) understands corporate governance. Since 1997, corporate issuers have leveraged ICS' expertise in ESG advisory, capital structure, executive compensation, voting trends and corporate governance research to build shareholder value through strong governance programs. ICS' works with more than 1,300 clients located in N America, EMEA and APAC. These industry leaders leverage ISS Corporate Solutions' resources, tools and advisory services to help them design, manage and measure their ESG programs in order to improve shareholder value and reduce risk.

### MSCI is powering better investment decisions for a better world.

MSCI is a leading provider of critical decision-support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading, research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process.



### Pursuing The Truth and Serving The People.

The goals of the College of Business include the training of interdisciplinary professionals and the integration of the sustainable business concept in various fields. Various courses aimed at sustainable business talents are developed using teachers' interdisciplinary sharing and the guidance of experts from outside the school. The College of Business has upgraded from profit-oriented to responsibility-oriented education, becoming a true educational institution.









### To build trust in society and solve important problems.

PwC Taiwan was established in 1970 a part of the global PwC Network firm which has operations in 157 countries with more than 276,000 professionals. Over the years, our firm grew rapidly and now has more than 3,000 distinguished partners and dedicated business professionals. We provide a full range of business advisory services to leading global, national and local companies, as well as to public entities. We have a dedicated sustainability team in Taiwan whereby we provide the window to the latest sustainability trends and strategically help companies with integrating material sustainability topics into their operation. We offer an array of services including SROI, TIMM, SBT and TCFD.



# Media Support

# SRONE

### CSRone is The One For Sustainability Communication.

CSRone is Taiwan's first and most comprehensive platform dedicated to sustainability. Committed to improve the state of CSR, we act as a knowledge hub for professionals and provide access to latest resources, tools, training programs, connectivity with global stakeholders and organize one of the leading annual sustainability conferences in APAC.





# 2020 3rd GLOBAL CORPORATE SUSTAINABILITY FORUM

INVESTMENT · INNOVATION · INCLUSIVENESS

18-19 November 2020







A-SDGs