

ASE Technology Holding Co., Ltd.

The Sustainable Development Goals
(SDGs) Report

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About the Report

The report describes the cooperation between ASE Technology Holding Co., Ltd. (herein referred to as “ASEH”) and PwC Taiwan in 2018, in detailing the research and process on the respond by ASEH to sustainable development goals (SDGs). The data categories in this report are the same as that in ASEH’s 2018 Corporate Social Responsibility Report.

The research method of the report references “Integrating the SDGs into Corporate Reporting: A Practical Guide” (hereinafter referred to as “SDGs Reporting Guide”), and concluded using quantitative indicators and qualitative analysis on the public information of 30 companies with operational strategies that are of high relevance to ASEH. According to the requirements of SDGs Reporting Guide by benchmarking against similar examples and gathering data, ASEH bases its analysis results on the SDGs description and performance of 30 benchmark companies, as disclosed in their public information (CSR Report and Annual Report). There was no actual interview conducted or contact with employees and management from the benchmark companies. Therefore, using different research methods, such as regression analysis or stakeholder survey may lead to different conclusions.

Part One: SDGs Report Structure

1.1 Purpose

Responding to SDGs has become an international trend in recent years. Companies around the world have made sustainable development goals as the strategic goals of their operations. However, the survey conducted by World Business Council For Sustainable Development (WBCSD) on 250 companies (comprising 43 countries) in July 2018 shows that most companies lack the understanding of how their operations impact SDGs and have not set further performance measurement and goals, such as key performance indicators (KPI), mid and long-term goals, etc., for the SDGs to be responded. The investigation also shows that at present, only a third of companies have conducted detailed examination and understanding on the SDGs, and relatively few companies are currently considering how they can contribute to sustainable development goals through addressing negative impacts or through engaging with their value chain. Hence, WBCSD investigation also suggests that setting corporate key performance indicator and SDG related operational goals and enhancing disclosure is the top priority for companies in the next three years.

To clarify the connection between SDGs and ASEH's operations, address the basic questions of whether ASEH will adopt SDGs, and which SDGs to be adopted, ASEH cooperates with PwC Taiwan this year and references "Integrating the SDGs into Corporate Reporting: A Practical Guide," "Linking the SDGs and GRI," and "Blueprint for Business Leadership on the SDGs," listing the SDGs which are most relevant to our operations and sets key performance indicator and future operational goals for these goals, truly contributing to sustainable development goals through operations management.

The report describes our mythology and steps in selecting the SDGs, lists operating activities with potential impact or impact on the SDGs, and discloses 2018 operation performance and future operation goals. We also reference the response to the SDGs from the top ten customers and suppliers of the highest relevance and our peers for calibrating the SDGs we selected.

1.2 Analytical Structure

Since the initiative by the former Secretary-General of the UN in 2000, the UN Global Compact has become the most important initiative structure for the world's corporate sustainable development. To enable companies in the world to participate in the establishment of SDGs, the UN Global Compact progressively announces the methods, platform, activities and reporting guideline for engaging with the SDGs.

“Integrating the SDGs into Corporate Reporting: A Practical Guide” specifies with three major aspects and nine steps the methods for corporate development and reporting of SDGs corporate strategies and actions. Step 1 addresses the process of prioritization of impacts and the identification of SDGs for a company to act and report on. Step 2 looks at how to set business objectives, select disclosures and analyze performance. Step 3 offers tips and guidance on reporting and improving SDG performance. These steps are not necessarily meant to be sequential; they can be adapted to specific circumstances. Two factors should be considered when company addresses the process of prioritization of impacts: (1) assess how priority risks to people and the, and (2) identify SDG targets you can best contribute to through beneficial products, services or investments environment relate to SDG targets.

According to SDGs Practical Guide, we select the SDGs which are most relevant to us in the following nine steps, and set its corporate goals and reporting disclosure:

Three Dimensions	Nine Steps
Define priority SDG targets	1.1 Understand the SDGs and their targets
	1.2 Conduct principled prioritization of SDG targets
	1.3 Define your SDG-related report content
Measure and analyze	2.1 Set business objectives
	2.2 Select appropriate disclosures
	2.3 Collect and analyze data
Report, integrate and implement change	3.1 Consider general features of good practice when reporting on the SDGs
	3.2 Consider data users' information needs
	3.3 Report and implement change



We will discuss in detail the priorities of the SDGs we will identify in Part II of the Chapter, the measurement and performance evaluation in Part III, and reporting in Part IV

Part Two: Define Priority SDG Targets

2.1 Understand the SDGs and their targets

To ensure the contents of every SDG and the targets are included in the evaluation, we conduct the identification in two steps:

1. Step 1: Identify SDGs with potential impact

ASEH examines the 17 SDGs global goals and its 169 targets published by the United Nations in September 2015, and based on the degree of relevance in terms of industry and operational activities, determine whether we have potential positive and negative impacts on the 17 SDGs and targets. We review the relevance of each target and ASE Technology Holding’s operating and non-operating activities. If the activities involve the target, it indicates ASEH has potential impacts on the target, and will therefore be included in the scope for subsequent evaluation. For details, please refer to Attachment 1, Identification of Potential Impact on SDGs.

Based on the above process, we consolidate the following two major categories of SDGs, and will conduct further relevance analysis on SDGs with “potential impact”:

Category	Criteria	SDGs
Relatively lower potential impact	(1) Not directly or indirectly linked to operating activities; or (2) Not directly or indirectly linked to operating activities and not linked to non-operating activities	2、5、14、15、16、17

Category	Criteria	SDGs
With potential impact (Note)	(1) Directly or indirectly linked to operating activities; or (2) Not directly or indirectly linked to operating activities, but linked to non-operating activities	1、3、4、6、7、8、9、10、11、12、13

(Note) Evaluation of the degree of relevance will be carried out in “Step 2: Evaluate the degree of relevance of the SDGs”.

2. Step 2: Evaluate the degree of relevance of SDG

Based on the above identification results, we select the relevant (with potential impact) SDGs, and evaluate each base on five aspects: primary risk on people and environment, major investment in the process, significant issue, relevance to operations, and selection of benchmark companies. The primary risk on people environment refers to the evaluation item which has negative impact on SDGs due to the industrial characteristics and main products and business of ASEH; major investment on process refers to the evaluation item of major funding by the Company to improve process; significant issue refers to the evaluation item of negotiation with stakeholders and materiality analysis (same as 2018 CSR Report); relevance to operations refers to the evaluation item which has direct linkage with the Company’s operation and business; selection of benchmark companies refers to the evaluation item of referencing 30 companies’ response to SDGs (for details, refer to Attachment 1, 30 Reference Companies List). Based on the evaluation items, a score is given to the SDGs selected: primary risk on people and environment (5 points), major investment in process (4 points), company’s significant issue (3 points), relevance to company’s operations (2 points), benchmark companies selection (1 point).

Also, we reference “Blueprint for Business Leadership on the SDGs” for actions which companies can take and evaluate the degree of relevance of each SDG to ASEH as follows:

SDGs	Primary risk on people and environment ¹	Major investment in process	Company’s significant issue	Relevance to company’s operations	Benchmark companies selection	Total
SDG 1 NO POVERTY	0	0	6	3	0	9

¹ Based on the results from ASE Technology Holding’s 2018 Total Impact Assessment Report: Greenhouse gas emission and water resource correspond to SDG13 Climate Action and SDG6 Clean Water and Sanitation respectively.

SDGs	Primary risk on people and environment ¹	Major investment in process	Company's significant issue	Relevance to company's operations	Benchmark companies selection	Total
Engage in the creation of secure and decent jobs, especially in least developed countries and for vulnerable populations	0	0	3	1	0	4
Implement programs to economically empower disadvantaged groups	0	0	0	1	0	1
Ensure decent working conditions for all employees across the business and supply chain	0	0	3	1	0	4
Create and market goods and services that specifically cater to, and aim to improve the lives of, vulnerable groups	0	0	0	0	0	0
SDG 3 GOOD HEALTH AND WELL-BEING	0	0	3	1	3	7
Ensure the best possible health outcomes for employees and surrounding communities across own and supply chain operations	0	0	3	1	1	5
Research, develop, and deploy products, services, and business models for improved health outcomes	0	0	0	0	1	1
Lead on multi-stakeholder initiatives that encourage healthy behaviors and improve access to healthcare	0	0	0	0	1	1

SDGs	Primary risk on people and environment ¹	Major investment in process	Company's significant issue	Relevance to company's operations	Benchmark companies selection	Total
SDG 4 QUALITY EDUCATION	0	4	6	5	4	19
Ensure that all employees across the business and supply chain have access to vocational training and life-long learning opportunities	0	4	3	2	1	10
Ensure that all employees across the business and supply chain earn a wage that allows them to support the education of dependents and that there is zero child labour	0	0	3	2	1	6
Implement programmes to support higher education and access to free, equitable, and inclusive primary and secondary education	0	0	0	1	1	2
Research, develop, and deploy products and services that improve educational access and learning outcomes	0	0	0	0	1	1
SDG 6 CLEAN WATER AND SANITATION	5	0	9	6	0	20
Develop and implement holistic water strategies that are socially equitable, environmental sustainable, and	0	0	3	2	0	5

SDGs	Primary risk on people and environment ¹	Major investment in process	Company's significant issue	Relevance to company's operations	Benchmark companies selection	Total
economically beneficial in watersheds around company and supply chain operations						
Protect and/or restore water-based ecosystems around own operations and supply chain	5	0	3	2	0	10
Ensure access to water and sanitation by addressing impacts of company and supply chain operations on local water supplies and supporting stakeholders to deliver clean water and sanitation	0	0	3	2	0	5
SDG 7 AFFORDABLE AND CLEAN ENERGY	0	12	6	5	0	23
Significantly increase energy efficiency, source remaining energy needs from renewable sources, and promote the same action across the supply chain through supplier selection and support	0	4	3	2	0	9
Research, develop, and deploy affordable sustainable energy and energy efficiency products and services	0	4	3	2	0	9
Develop and implement business models to deliver sustainable energy and energy efficiency technologies to new markets and communities	0	4	0	1	0	5

SDGs	Primary risk on people and environment ¹	Major investment in process	Company's significant issue	Relevance to company's operations	Benchmark companies selection	Total
SDG 8 DECENT WORK AND ECONOMIC GROWTH	0	4	9	8	4	25
Support decent working conditions for all employees across the business and supply chain, with partnerships to build suppliers' capacity to do the same	0	0	3	2	1	6
Educate and train the labour force, focusing on vulnerable and economically disadvantaged groups	0	0	3	2	1	6
Create decent formal-sector jobs in labour-intensive sectors, especially in least-developed countries	0	0	0	2	1	3
Drive economic growth and productivity by investing in R&D, upgrading skills, and supporting growing businesses, in a way that is compatible with sustainable development	0	4	3	2	1	10
SDG 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	0	0	3	2	4	9

SDGs	Primary risk on people and environment ¹	Major investment in process	Company's significant issue	Relevance to company's operations	Benchmark companies selection	Total
Research, develop, and deploy products, services and business models to deliver sustainable and resilient infrastructure	0	0	3	0	1	4
Support inclusive and sustainable upgrading of developing country industries in global value chains	0	0	0	0	1	1
Create innovation systems for sustainable development by providing access to finance, fostering entrepreneurship, and pooling financial and research resources in a global knowledge base	0	0	0	0	1	1
Upgrade and retrofit infrastructure and industry assets across own and supply chain operations to make them sustainable and resilient	0	0	0	2	1	3
SDG 10 REDUCED INEQUALITIES	0	0	0	2	0	2
Assess the distribution of economic value across stakeholder groups and implement policies and practices to make it more equal	0	0	0	2	0	2
Support the establishment and expansion of social protection measures at the national level	0	0	0	0	0	0

SDGs	Primary risk on people and environment ¹	Major investment in process	Company's significant issue	Relevance to company's operations	Benchmark companies selection	Total
Implement policies and practices to support equality of opportunity, treatment and outcome for all across own and supply chain operations	0	0	0	0	0	0
Design and implement products, services, and business models that explicitly target the needs of disadvantaged and marginalized populations	0	0	0	0	0	0
SDG 11 SUSTAINABLE CITIES AND COMMUNITIES	0	4	0	1	0	5
Research, develop, and deploy products and services which improve access to resilient buildings, transport, green spaces, and utilities	0	4	0	0	0	4
Protect and invest in cultural and natural heritage	0	0	0	0	0	0
Support access to essential services across the workplace, marketplace, and community	0	0	0	1	0	1
SDG 12 RESPONSIBLE CONSUMPTION AND PRODUCTION	0	8	12	6	4	30
Design and adopt a responsible, circular business model	0	0	3	1	1	5

SDGs	Primary risk on people and environment ¹	Major investment in process	Company's significant issue	Relevance to company's operations	Benchmark companies selection	Total
Significantly narrow or close material and energy loops across own and supply chain operations	0	4	3	2	1	10
Shift to a portfolio of goods and services that require and promote negligible use of resources and produce negligible waste	0	4	3	2	1	10
Develop, implement, and share solutions for tracing and reporting on sustainability of production and consumption across end-to-end operations and impact on surrounding communities	0	0	3	1	1	5
SDG 13 CLIMATE ACTION	5	8	12	7	4	36
Ensure climate resilience of company and supply chain operations, and the communities surrounding them	0	0	3	2	1	6
Substantially reduce emissions associated with own and supply chain operations, in alignment with climate science	5	4	3	2	1	15
Shift to a portfolio of goods and services that have, and promote, negligible emissions from use	0	4	3	2	1	10

SDGs	Primary risk on people and environment ¹	Major investment in process	Company's significant issue	Relevance to company's operations	Benchmark companies selection	Total
Promote climate conscious behavior and build capacity for climate action	0	0	3	1	1	5

Based on evaluation results, we categorize the SDGs into the following three tiers. The later chapters will further explore Tier 1's SDGs and examine its 2018 key performance indicators and set future goals.

<p>Tier1 (Note 1)</p>	<p>Of highest relevance and should be most positively responded</p>						
<p>Tier2 (Note 2)</p>	<p>Of high relevance and and will be responded to in the future</p>						

<p>Tier3 (Note 3)</p>	<p>Operating model and industrial characteristics of less significant</p>						
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(Note 1) Total score of above 15 points (include) in “Step 2: Evaluate degree of relevance of SDGs”


(Note 2) Total score of below 15 points in “Step 2: Evaluate degree of relevance of SDGs”


(Note 3) Excluded in “Step 1: Identify SDGs with potential impact”


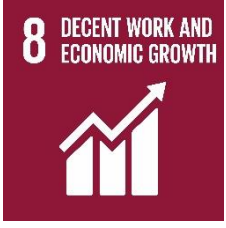
Table 1: SDGs Tier Summary Table

2.2 Principled Prioritization for Reporting on the SDGs


From 2.1, we learn about the selection steps for SDGs and its targets, identify Tier 1 SDGs which are most relevant to ASE Technology Holding, and compile the potential positive and negative impacts we have on the targets. However, as some SDGs targets are not applicable at corporate level, we adjust them into corporate level targets as shown in the following table:


SDG	Target	Adjust to targets applicable at corporate level
	4.3 By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university.	4.3 Ensure equal access for all women and men to affordable education.
	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.	4.4 Increase relevant skills for employment, decent jobs, and entrepreneurship.
	4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender	4.7 Ensure all learners acquire the knowledge and skills needed to promote sustainable development.

SDG	Target	Adjust to targets applicable at corporate level
	equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.	
	6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally.	6.3 Increase recycling and safe reuse to improve water quality.
	6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.	6.4 Ensure sustainable withdrawals and supply of fresh water to address water scarcity and substantially reduce the number of people suffering from water scarcity.
	6.5 By 2030, implement integrated water resources management at all levels, including through transboundary	6.5 Implement integrated water resource management at all levels.

SDG	Target	Adjust to targets applicable at corporate level
	cooperation as appropriate.	
	6.6 By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes.	6.6 Protect and restore water-related ecosystems.
	7.2 By 2030, increase substantially the share of renewable energy in the global energy mix.	7.2 Substantially increase the proportion of renewable energy in the energy mix.
	7.3 By 2030, double the global rate of improvement in energy efficiency.	7.3 Double global improvement rate in energy efficiency.
	8.2 Achieve higher levels of productivity of economies through diversification, technological upgrading and innovation, including through a focus on high value added and labor-intensive sectors.	8.2 Achieve higher levels of economic productivity through diversification, technological upgrading, and innovation.
	8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship,	8.3 Encourage the formalization and growth of micro-, small-, and medium-sized

SDG	Target	Adjust to targets applicable at corporate level
	creativity and innovation, and encourage the formalization and growth of micro-, small- and medium sized enterprises, including through access to financial services.	enterprises through means including access to financial services.
	8.4 Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the Ten-Year Framework of Programmes on Sustainable Consumption and Production, with developed countries taking the lead.	8.4 Improve progressively the global resource efficiency in consumption and production.
	8.8 Protect labor rights and promote safe and secure working environments of all workers, including migrant workers, particularly women migrants, and those in precarious employment.	8.8 Protect labor rights and promote safe and secure working environments for all workers.
	12.2 By 2030, ensure access for all to adequate, safe and	12.2 Achieve sustainable management and

SDG	Target	Adjust to targets applicable at corporate level
	affordable housing and basic services and upgrade slums.	efficient use of natural resources.
	12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their lifecycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment.	12.4 Minimize the adverse impacts of chemicals and all waste on human health and the environment.
	12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.	12.5 Substantially reduce waste generation through prevention, reduction, recycling, and reuse.
	12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle.	12.6 Encourage the adoption of sustainable practices and integrate sustainability information into the reporting cycle.
	13.1 Strengthen resilience and adaptive capacity to climate-	13.1 Strengthen resilience and adaptive

SDG	Target	Adjust to targets applicable at corporate level
	related hazards and natural disasters in all countries.	capacity to climate-related hazards and natural disasters.
	13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.	13.3 Improve education, awareness-raising, and human and institutional capacity on climate change mitigation, adaptation, impact reduction, and early warning.

2.3 Define SDG-related Report Content

According to execution results from 2.1 and 2.2, we list the SDGs for Tier 1 to Tier 3, compile targets of Tier 1 SDGs which are of relevance to us, and report and disclose on key performance indicators and the goals subsequently set up. We hope that through a comprehensive review of Tier 1 SDG targets, evaluation of the relevant actions of 2018, and setting of future goals, we can reduce negative impact caused by operating activities, and maximize the positive impact. The later chapters will disclose (1) SDGs strategies, management and specific KPI, and (2) ASEH's 2019 and 2020 SDGs goals.

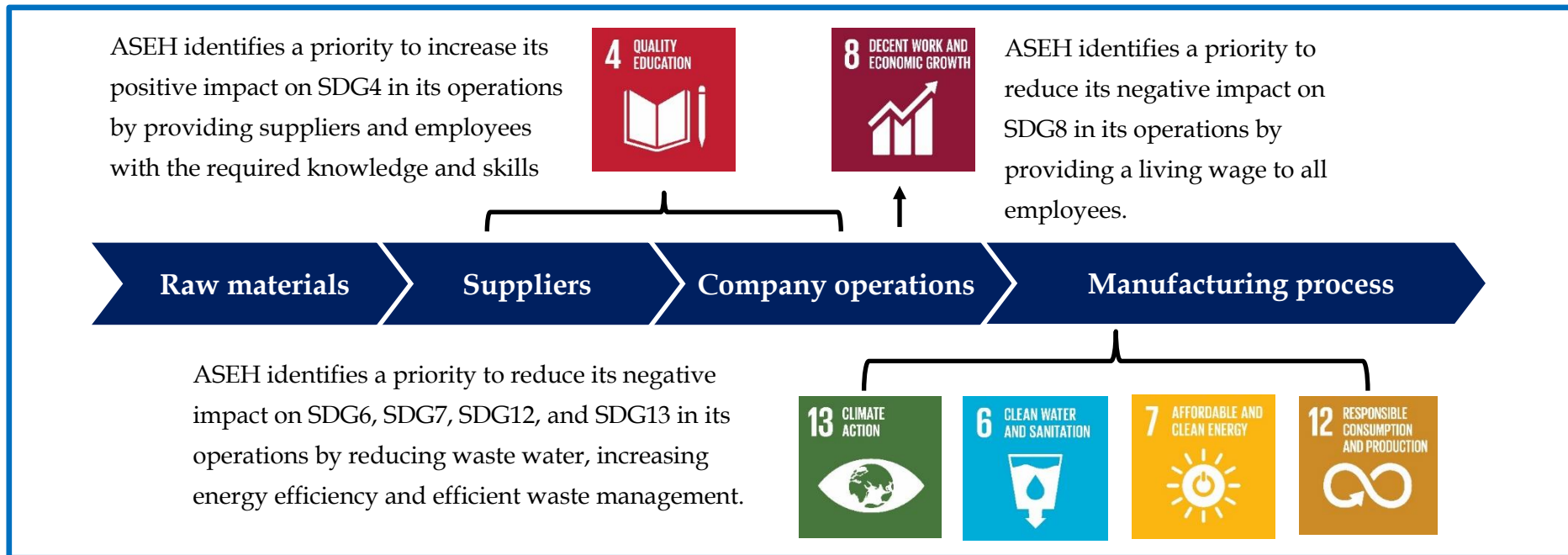


Diagram 1: ASEH's Value Chain and SDGs Correlation Table

Part Three Measure and Analyze

To measure ASEH's SDGs performance, specific indicators, and 2019 and 2020 goals are set for each SDG and target:

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
4. Quality Education	4.3 By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university.	<ol style="list-style-type: none"> 1. Ensure that all employees across the business and supply chain have access to vocational training and life-long learning opportunities. 2. Supporting disadvantaged students and schools. 	<ol style="list-style-type: none"> 1. Establish internal talent management development system, promote talent development system, strengthen effectiveness of training, provide training and promotion opportunities. 2. Externally, 	<ol style="list-style-type: none"> 1. All sites achieved 84% of ASEH six-path employee career development system. The number of internal certified trainers will reach 4.7% of ASEH total headcount. 2. In 2018, ASEH contributed over US\$1.9 million for community engagement activities. ASEH provided afterschool 	<ol style="list-style-type: none"> 1. To reach 85% of ASEH six path employee career development system. The number of internal certified trainers will reach 5% of ASEH total headcount. 2. Improving youth employability, competitiveness, and closing the gap in educational resources. 3. 80% Survey

²As per column "Adjust to targets applicable at corporate level" in "2.2 Conduct principled prioritization of SDG targets."

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
			commit to integrating community resources, focus on key areas such as “community development,” “charity care,” “emergency assistance,” etc	care for 123 students and financial assistance to 842 students from disadvantaged families, and made donations to 54 charities.	coverage, 73% actively engaged employees in 2019. 4. 100 of students for after school care.
	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills,	Ensure that all employees across the business and supply chain earn a wage that allows them to support the education of dependents and that there is zero	We have set the “code of conduct” for suppliers to commit to safeguarding the human rights of workers, including wages and benefits. The relevant items	1. 66% of critical direct material suppliers completed RBA SAQ. 2. 60% of critical direct material suppliers of ASEH’s packaging and material service that complete	1. 85% of critical direct material suppliers completing RBA SAQ. 2. 65% of critical direct material suppliers of our packaging and material service that complete workers'

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	for employment, decent jobs and entrepreneurship .	child labor.	are already included in the annual supplier RBA audit.	workers' human rights risk assessment and improvement.	human rights risk assessment and improvement
	4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender	<ol style="list-style-type: none"> 1. Implement programs to support higher education and access to free, equitable, and inclusive primary and secondary education. 2. Research, develop, and deploy products and services that 	<ol style="list-style-type: none"> 1. Promote educational advancement and job opportunities for local students; the main implementations include “cooperative education and internship,” “academic research cooperation,” 	<ol style="list-style-type: none"> 1. 158 of people to join semiconductor course. 2. Improving the community's quality of life, strengthening local emergency response mechanisms. 3. In response to the development in heterogeneous integration technologies, ASEH have established ASEH Industry 	100 of people to join semiconductor course.

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development	improve educational access and learning outcomes.	and "scholarship and aid." 2. This is a B2B business model and does not provide products or services directly to end users.	Colleges with top universities. Currently there are three Industry Colleges, specializing in semiconductor assembly & testing, smart automated manufacturing, and artificial intelligence.	
6. Clean Water and Sanitation	6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing	Develop and implement holistic water strategies that are socially equitable, environmental sustainable, and economically	Increase investment every year and replace relevant wastewater treatment facilities and implement zero wastewater discharge	1. Process water recycling rate is 64% 2. In 2018, ASEH reclaimed a total of 22,934,123 metric tons ³ of water (equivalent to 106% of the year's water	1. Increase process water recycling rate to 79% by 2019. 2. Compared with 2015, water withdrawal is reduced by 4% 3. ASEH conduct

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally.	beneficial in watersheds around company and supply chain operations	technologies; establish various water-saving and water recycling systems such as RO concentrate water recovery, rainwater recovery for washing of tank, etc.	3. withdrawal). ASEH invests funds every year to gradually upgrade and replace wastewater treatment facilities. In 2018, ASEH invested RMB1.77 million (around US\$270,000) to install the same system at the Zhangjiang facility. The system effectively reduces tap water consumption at Zhangjiang facility by 41%.	offsite sampling and analysis of effluent quality every quarter. Internally, the corporate chemical lab was accredited by Taiwan Accreditation Foundation (TAF). It is now able to conduct in-house measurement of wastewater to ensure that the water quality from ASEH's operations and effluent is in compliance with regulated standards.

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.	Ensure access to water and sanitation by addressing impacts of company and supply chain operations on local water supplies and supporting stakeholders to deliver clean water and sanitation.	Periodically evaluate the impact and solutions of the drainage basin of wastewater, and assess the cost of investing in water pollution prevention.	<ol style="list-style-type: none"> 1. Use of boric acid-free developer for positive-type developing processes of wafer bumps, reduce treated wastewater and lowers boron emissions by at least 1,400 kg annually 2. After the sludge produced by the wastewater treatment plant of each facility is filtered by the dewatering machine, the combined dewatered sludge are dried together, 	<ol style="list-style-type: none"> 1. ASEH conduct offsite sampling and analysis of effluent quality every quarter. Internally, the corporate chemical lab was accredited by Taiwan Accreditation Foundation (TAF). It is now able to conduct in-house measurement of wastewater to ensure that the water quality from ASEH's operations and effluent is in compliance with

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
				<p>which lowered the amount of sludge outsourced to external companies for treatment and disposal by at least 2,076 tons per year.</p> <p>3. Optimized internal wastewater treatment facility to process highly organic liquid waste and Lowered the amount of sludge outsourced to waste treatment companies for processing by at least 295.16 tons per year.</p>	<p>regulated standards.</p> <p>2. Continuous implementation of wastewater treatment related projects.</p>
	6.5 By 2030,	Develop and	For water usage	1. ASEH's water use	ASEH pledge to continue

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	implement integrated water resources management at all levels, including through transboundary cooperation as appropriate.	implement holistic water strategies that are socially equitable, environmental sustainable, and economically beneficial in watersheds around company and supply chain operations	and impact of company operations on water resource (such as reclaimed water usage program), we have qualitative and quantitative descriptions, goals and visions, and process water recycling to enhance “social equity.”	intensity (metric ton/thousand USD revenue) in 2018 was 1.784, which was an increase of 8.9% compared with that of 2017 (1.639). 2. 1.2. In 2018, ASEH reclaimed a total of 22,934,123 metric tons of water (equivalent to 106% of the year's water withdrawal).	recycling water in all their facilities to reduce both water use intensity and overall amount used.
	6.6 By 2020, protect and restore water-related ecosystems,	Protect or restore water-based ecosystems around own operations and supply chain.	We have set up water saving measures and water withdrawal goals. However,	1. Process water recycling rate of 2018 is 64%. 2. In 2018, ASEH reclaimed a total of	1. Increase process water recycling rate to 79% by 2019. 2. ASEH conduct offsite sampling and

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	including mountains, forests, wetlands, rivers, aquifers and lakes.		there are no further details pertaining to the vision of maintaining water resource and ecology in the area of the Company's plant.	<p>22,934,123 metric tons³ of water (equivalent to 106% of the year's water withdrawal).</p> <p>3. ASEH invests funds every year to gradually upgrade and replace wastewater treatment facilities. In 2018, ASEH invested RMB1.77 million (around US\$270,000) to install the same system at the Zhangjiang facility. The system effectively reduces tap water</p>	analysis of effluent quality every quarter. Internally, the corporate chemical lab was accredited by Taiwan Accreditation Foundation (TAF). It is now able to conduct in-house measurement of wastewater to ensure that the water quality from ASEH's operations and effluent is in compliance with regulated standards.

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
				consumption at Zhangjiang facility by 41%.	
7. Affordable and Clean Energy	7.2 By 2030, increase substantially the share of renewable energy in the global energy mix.	<ol style="list-style-type: none"> 1. Develop and implement business models to deliver sustainable energy and energy efficiency technologies to new markets and communities. 2. Research, develop, and deploy affordable 	<ol style="list-style-type: none"> 1. Establish ASEH's green and renewal energy investment strategies, prevent environmental external cost and seize green business opportunities. 2. Change the original packaging materials from the easily 	<ol style="list-style-type: none"> 1. Energy saving ratio from energy saving and carbon reduction projects is 13% of 2018 power need. 2. Renewable energy use accounts for 12.7% of total electricity consumption. 3. Reduce packaging materials by at least 800kg annually because PE plastic bags can be reused approximately 30 times. 	<ol style="list-style-type: none"> 1. Energy saving ratio from energy saving and carbon reduction projects is 2% of 2019 power need. 2. Renewable energy use accounts for 9% of total electricity consumption.

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
		sustainable energy and energy efficiency products and services.	breakable PE film to reusable PE plastic bag.		
	7.3 By 2030, double the global rate of improvement in energy efficiency.	Significantly increase energy efficiency, source remaining energy needs from renewable sources, and promote the same action across the supply chain through supplier selection and support.	<ol style="list-style-type: none"> 1. In 2018, a more energy-saving new generation chipset is used. 2. Completed quantitative assessment of energy saving and carbon reduction benefits of USI main products. 3. Break away 	<ol style="list-style-type: none"> 1. Completed quantification of energy saving and carbon reduction benefits of USI's key products during usage. 2. We engaged over 131 external organizations and contributed US\$0.64 million in public policy and industry development. The 5T 	Conduct ISO 14067 verification for substrate.



SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
			<p>from Taiwan's traditional power model, and cooperate with Taiwan Institute of Economic Research in the research of how semi-conductor industry can speed up the implementation of "smart grid."</p>	<p>Circular Economy Alliance was established to build a cross-industry exchange platform and achieve industry consensus. It has organized a domestic and global summit on 'Taiwan's Sustainable supply chain and the Circular Economy', and collaborated with the Chung-Hua Institution for Economic Research and Taiwan Institute of Economic Research to promote</p>	

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
				<p>smart grid projects.</p> <p>3. Selected the use of components with lower power consumption at the product design stage, which helped reduce carbon emissions by at least 70,000 kWh based on last year's sales volume.</p>	
8. Decent Work and Economic Growth	8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and	Support decent working conditions for all employees across the business and supply chain, with partnerships to build suppliers'	Conduct employee engagement survey and request to make improvements on the weakness in 2018, conduct review on working	<p>1. Conducting employee satisfaction and engagement survey result & target.</p> <p>2. 107 raw materials supplier audits were completed covering</p>	<p>1. Employee engagement survey : 100% of facilities.</p> <p>2. 100 raw materials suppliers sustainability audits.</p>

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	innovation, including through a focus on high-value added and labor-intensive sectors.	capacity to do the same.	conditions and provide competitive remuneration package and welfare measures. RBA audit and evaluation are also conducted on suppliers to ensure the entire supply chain has reasonable working conditions.	labor, health and safety, environment and ethic indicators.	
	8.4 Improve progressively, through 2030, global resource efficiency in consumption and	Drive economic growth and productivity by investing in R&D, upgrading skills, and supporting	Drive industry's economic growth through innovative R&D technological cooperation and promoting semi-	42 of Innovation projects Cooperation with the university. 4 of initiative sustainable Act	30 of Innovation projects Cooperation with the university. 1 of initiative sustainable Act

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	production and endeavor to decouple economic growth from environmental degradation, in accordance with the 10-year framework of programs on sustainable consumption and production, with developed countries taking the lead.	growing businesses, in a way that is compatible with sustainable development.	conductor related legislative initiative.		
	8.8 Protect labour rights and promote safe and	Support decent working conditions for all	For critical direct material suppliers of ASEH's	1. 60% of critical direct material suppliers of ASEH's packaging	1. 65% of critical direct material suppliers of ASEH's packaging

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	secure working environments for all workers	employees across the business and supply chain, with partnerships to build suppliers' capacity to do the same.	packaging and material service and non-tier-1 suppliers, the company conducts surveys using sustainability risk assessment questionnaires and the RBA SAQ.	<p>and material service that complete workers' human rights risk assessment and improvement.</p> <p>2. Non- tier 1 suppliers conducted risk assessment with 44% of purchasing amount.</p> <p>3. Zero cases of occupational disease and major injury.</p>	<p>and material service that complete workers' human rights risk assessment and improvement.</p> <p>2. Non- tier 1 suppliers conducted risk assessment with 45% of purchasing amount.</p> <p>3. Zero cases of occupational disease and major injury.</p> <p>4. Disabling injury frequency rate and disabling injury severity rate are 5% lower than the average of Taiwan's</p>

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
					Semiconductor and Electronic Components.
12. Responsible Consumption and Production	12.2 By 2030, achieve the sustainable management and efficient use of natural resources.	<ol style="list-style-type: none"> 1. Significantly narrow or close material and energy loops across own and supply chain operations. 2. Sourcing of Minerals from Conflict-Free Countries. 	Has sustainable production and sustainable materials projects and advocate them to the supply chain. However, as it is a packaging testing industry, the flexibility is not as high as that of terminal consumer products.	<ol style="list-style-type: none"> 1. In 2018, the company evaluated the energy conservation and carbon reduction effects of its six major products (sales management systems, network storage systems, smart handheld devices, WiFi modules, motherboards and solid-state drives) to understand if these products when used by end-users, are 	<ol style="list-style-type: none"> 1. Develop a methodology for energy saving assessment of products in the use phase. 2. All products lines (100%) are DRC Conflict-Free.

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
				<p>energy saving and reduce carbon emissions.</p> <p>2. In 2018, ASEH developed a dual-stage product impact assessment simulation through industry-academia collaboration, establishing assessment models and trials for major environmental impact categories to expand the impact levels onto environmental, financial and social areas.</p>	

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
				<p>3. In 2018, the company's smart storage server met the ISO 14067 Carbon Footprint of Products Standards.</p> <p>4. The product lines of Packaging and material services and Electronic manufacturing services are 100% DRC Conflict-Free.</p>	
	12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes	Significantly narrow or close material and energy loops across own and supply chain operations.	Reduce water content from sludge generated from the wastewater treatment plants, and carry out	1. The moisture content of sludge is further reduced from 75% to 45%. The process successfully decreases sludge output and reduces	To manage product life cycles, ASEH has formulated five sustainable manufacturing principles governing its product stages: raw material

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment.		photoresist stripping during the analysis process and wash the content of waste liquid. After inspecting the effluent diversion plan and recovering the sludge generated, delegate waste treatment companies to recycle the organic compound, cyclopentanone, through distillation.	<p>the volume to be disposed of by 2,076 metric tons per year.</p> <p>2. The use of microbial cultures reduced the amount of highly concentrated wastewater – annual reduction of 1,100 tons of wastes, US\$1.2 million saved in the cost of outsourced waste management.</p> <p>3. Lowered the amount of sludge outsourced to external companies for treatment and disposal by at least</p>	selection, design, procurement, production, and packaging and logistics. Sustainable manufacturing enable ASEH to produce more with less, increase product value while reducing environmental impact, and provide customers with eco-efficiency products.

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
				<p>2,076 tons per year.</p> <p>4. Reduced the amount of liquid waste to be incinerated/chemically processed by at least 48.7 tons.</p> <p>5. Lowered the amount of sludge outsourced to waste treatment companies for processing by at least 295.16 tons per year.</p>	
	12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and	Shift to a portfolio of goods and services that require and promote negligible use of resources and produce negligible waste.	Belongs to manufacturing industry and has the goals of sustainable production and sustainable packaging, such as	<p>1. Change the original packaging materials from the easily breakable PE film to reusable PE plastic bag.</p> <p>2. Waste recycling rate is 74.6%.</p>	Increase waste recycling rate to 74% by 2019.

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	reuse.		providing thin and small, and energy-efficient product solutions, and providing responsible manufacturing service that has ecological benefits.		
	12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting	<ol style="list-style-type: none"> Design and adopt a responsible circular business model. Develop, implement, and share solutions for tracing and 	<ol style="list-style-type: none"> Through the renewal system of circular economy, aims to call on industry or even across industries to come together to establish the 	<ol style="list-style-type: none"> By adopting the circular economy model, ASEH's recycling rate of general waste is 90% while hazardous waste is 51%. ASEH recycled a total of 50,011 metric tons of general and hazardous waste 	Promote smart grid projects on the basis of the Circular Economy Alliance.

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	cycle.	reporting on sustainability of production and consumption across end-to-end operations and impact on surrounding communities.	<p>blueprint for resource recycling.</p> <p>2. Seek cooperative and symbiotic relationship with other industries to optimize waste resources, and cooperate with the academia to refine management measures and pollution emission.</p>	<p>with an improvement in recycling rate from 71% in 2017 to 74.6% in 2018.</p> <p>2. ASEH engaged over 131 external organizations and contributed US\$0.64 million in public policy and industry development. The 5T Circular Economy Alliance was established to build a cross-industry exchange platform and achieve industry consensus. It has organized a domestic</p>	

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
				and global summit on 'Taiwan's Sustainable supply chain and the Circular Economy', and collaborated with the Chung-Hua Institution for Economic Research and Taiwan Institute of Economic Research to promote smart grid projects.	
13. Climate Action	13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.	1. Ensure climate resilience of company and supply chain operations, and the	To improve education and awareness-raising on climate change mitigation, adaptation, impact reduction and early	<ol style="list-style-type: none"> 12% reduction of GHG intensity compared to 2015. 100% of Greenhouse gas emission verification computation of the 	<ol style="list-style-type: none"> 60% of purchasing amount suppliers' obtaining Greenhouse Gas verification. The GHG intensity is 4% reduction

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
		<p>communities surrounding them.</p> <p>2. Substantially reduce emissions associated with own and supply chain operations, in alignment with climate science</p>	<p>warning, committed in promoting environmental technology research and development and increase process efficiency for reducing environmental impact.</p>	<p>financial implications from climate risks and opportunities.</p> <p>3. 49% of purchasing amount suppliers' obtaining Greenhouse Gas verification.</p>	<p>compared to 2015.</p> <p>3. The coverage of GHG verification is 100%.</p>
	13.3 Improve education, awareness-raising and human and institutional capacity on	Promote climate conscious behavior and build capacity for climate action.	<p>1. Has various non one-time environmental education related projects.</p> <p>2. To drive the R&D of</p>	<p>1. Installed 10,122 LED light tubes at 8 schools resulting in annual energy savings of 405,000 kWh and carbon emissions reduction of 214 tons</p>	<p>1. Install 12,000 LED lamps and 10 schools.</p> <p>2. 2,500 of participants to join environmental course.</p>

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
	climate change mitigation, adaptation, impact reduction and early warning.		environmental technology, conduct “environmental education promotion” by cooperating with local community, NGO and schools in promoting environmental technology academic research program, community environmental education	<p>CO2e ◦</p> <p>2. Conducted 22 environmental education courses with 2,600 participants; produced 7 environmental education videos and 8 environmental education lesson plans.</p> <p>3. 13 of hectares for tree plant.</p>	3. 10 of hectares for tree plant.


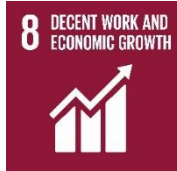
SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
			<p>projects, etc., thereby increasing the industry value chain of semi-conductor.</p> <p>3. Through the friendly activities and publicity of “promotion of environmental art,” inspire and change end consumers’ green consumption behavior, drive product environmental</p>		

SDG	Target ²	Management Approach	ASEH Actions	2018 KPIs	2019~2020 Target
			<p>protection awareness, and thereby brings benefits to ASE Group which is committed in increasing process efficiency.</p>		



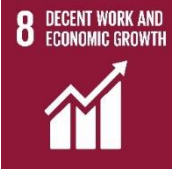
Part Four: Report, Integrate and Implement Change





By identifying the most relevant SDGs and targets for ASEH, we are able to invest more resources in the SDGs which we hope to and are able to influence, and periodically review and manage the SDGs which we cause negative impact. We also report on the Company's relevant policies, system and process, including SDG corporate goals, vision, measurement and indicator, and understand that the positive contribution to SDGs may be from resolving risk, providing beneficial products and services, and improving processes.



In 2018, ASEH incorporates SDGs into its corporate strategies and key issues, and discloses the items' progress or status, as shown in the following Table³ :



SDG	Key Issue	Business Impact on ASEH	Strategic Approach	2020 Target	Progress / Status
 	R&D and Innovation	Continuous innovation of technologies lower costs, improve efficiency, thereby reducing resource consumption and energy consumption. In addition, business model innovation on the value chain can increase ASEH's core	1) Integration of group-wide innovation resources: establish knowledge sharing and diffusion mechanisms, and ensure synergistic effects of inputs in R&D innovation. 2) Provide differentiated products and services:	1) Establish a cross-site R&D innovation best practice (knowledge) sharing platform. 2) Advanced package/module technology development for	On schedule



³ Disclose the key issues categorized into Tier1 SDGs.

SDG	Key Issue	Business Impact on ASEH	Strategic Approach	2020 Target	Progress / Status
		competitiveness and enable expansion capacity.	focus on the development of advanced semiconductor packaging and testing solutions, and develop innovative business model on value chain.	high-end applications.	
  	Sustainable Manufacturing	Green products help to improve business and environmental performance, and position ASE at the forefront of market and regulatory trends. Green solutions also reduce costs, increase the company's competitive advantage, long-term profitability and sustainability.	Sustainable manufacturing service: provide product solutions that are compact, lightweight and energy efficient as well as provide eco-efficient and responsible manufacturing services.	Develop a methodology for energy saving assessment of our products in the use phase.	On schedule

SDG	Key Issue	Business Impact on ASEH	Strategic Approach	2020 Target	Progress / Status
 					
 	Energy Management	Having an effective energy management system helps to increase our energy efficiency and lower our energy costs, thereby reducing our energy consumption and GHG emissions.	Continue to improve energy management: establish standardized management systems through ISO 50001, improve energy efficiency through PDCA improvement method, and build smart energy management systems to facilitate precise control and lower standby mode energy consumption.	More than 2% energy saving ratio (current year's energy saving from projects/total electricity consumption of the year).	On schedule

SDG	Key Issue	Business Impact on ASEH	Strategic Approach	2020 Target	Progress / Status
	Climate Change	Climate change has become a focal point of environmental issues around the world, in particular for ASEH where there is a growing dependence on energy.	Reduce GHG emissions & provide green manufacturing services: green facilities (efficient building designs), energy conservation, efficient use of natural resource, adopting renewable energy (such as solar installations and green power purchases), and green product design.	GHG intensity (GHG emissions per revenue) : 5% reduction.	On schedule
	Water Resource Management	Effective water resource management diminishes the impact of water shortages on ASEH and the value chain, and strengthens corporate competitiveness.	Establish sustainable water recycling system: set up ASEH water management objective and strategy based upon integrated circular thinking.	Total water withdrawal : 15% reduction compared with 2015 Process water recycling rate (Process water for reuse/Process use water) : 80%	Room for Improvement

SDG	Key Issue	Business Impact on ASEH	Strategic Approach	2020 Target	Progress / Status
	Waste and Circular	Effective waste management can reduce waste generation and related costs, and continuously reduce ASEH's operational impact on the environment.	Improve source management: identify and develop materials and production process with circular potential to minimize waste.	Waste recovery rate : 75%	On schedule
	Talent Attraction and Retention	Good labor relations promote organizational harmony and improve organizational competitiveness.	Implement employee engagement survey and feedback mechanisms: encourage employees to actively participate in company activities, solicit for feedback using our employee engagement survey, and offer competitive compensation and benefit programs.	Employee engagement survey : 100% of facilities	On schedule

SDG	Key Issue	Business Impact on ASEH	Strategic Approach	2020 Target	Progress / Status
	Talent cultivation and development	Good training and development programs help attract and retain talents, and create a pleasant working environment, thereby enhancing ASE's productivity, strengthening innovation and enhancing profitability.	Good training and development programs help attract and retain talents, and create a pleasant working environment, thereby enhancing ASE's productivity, strengthening innovation and enhancing profitability.	<p>Deployment of the ASE six-path employee career development system in all manufacturing sites in 2020.</p> <p>Target to achieve the number of internal certified trainers at 6% of ASEH total headcount (equal to the ratio of ASEH's supervisors).</p>	Room for Improvement
	Social Involvement	Active community development through strategic charitable and educational programs, and social work helps to build positive and constructive relationships at the local level, strengthen our social license to operate and create	Our environmental conservation program primarily focuses on: environmental education promotion, environmental quality enhancement, environmental impact minimization and environmental arts	Environmental Conservation Contribution: NT\$100 million per year	On schedule


SDG	Key Issue	Business Impact on ASEH	Strategic Approach	2020 Target	Progress / Status
		a well-educated workforce for future recruitment.	promotion.		

Part Five: Conclusion

Based on the steps and reporting requirements of “Integrating the SDGs into Corporate Reporting: A Practical Guide,” ASEH lists and evaluates the most relevant SDGs and targets, and presents the process and results in the report. We hope to present the process and results to ASEH’s stakeholders through public disclosure. During the process of listing and analysis, we examine the positive and negative impact caused by ASEH’s operating and non-operating activities on the society and the world, and make adjustments and improvements.


Determining SDGs and its targets which are most relevant to us is only part of the journey of sustainable development. We will follow this clear direction and continue to maximize the positive impact during the journey, and reduce the negative impact on the society and environment. We will also make use of Total Impact Measurement and Management (TIMM) framework to measure the external benefits and cost, and conduct a comprehensive review on ASEH’s sustainable values. We hope that through financial and non-financial measurements, operating and non-operating activities evaluation, we can fully understand the influence of ASEH, and through regular review and adjustment, implement the actions expected from a responsible company, and achieve the goals of sustainable operations and development.

Appendix One: Table of Identification on Potential Contribution to the SDGs

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	1.2 By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	1.3 Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030	The industry and main operating activities have no direct or indirect linkage with the target, and the non-	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	achieve substantial coverage of the poor and the vulnerable.	operating activities do not involve the related topic.	
	1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance.	The industry and main operating activities have no direct linkage with the target. However, through non-operating activities such as improving community living quality and community emergency care system, etc. it indirectly helps achieve this target.	Yes, relevant to non-operating activities.
	1.5 By 2030, build the resilience of the poor and those in vulnerable situations	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters.	linkage with the target, and the non-operating activities do not involve the related topic.	
	1.a. Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, in order to provide adequate and predictable means for developing countries, in particular least developed countries, to implement programmes and policies to end poverty in all its dimensions.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	1.b. Create sound policy frameworks at	The industry and main operating	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	the national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions.	activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	
	2.1 By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons.	related topic.	
	2.3 By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed.	related topic.	
	2.a. Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	to enhance agricultural productive capacity in developing countries, in particular least developed countries.		
	2.b. Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	2.c. Adopt measures to ensure the proper functioning of food commodity markets and their derivatives and facilitate timely	The industry and main operating activities have no direct or indirect linkage with the target, and the non-	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	access to market information, including on food reserves, in order to help limit extreme food price volatility.	operating activities do not involve the related topic.	
	3.1. By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	3.2. By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	live births.		
	3.3. By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	3.4. By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	3.5. Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of	The industry and main operating activities have no direct or indirect linkage with the target, and the non-	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	alcohol.	operating activities do not involve the related topic.	
	3.6. By 2020, halve the number of global deaths and injuries from road traffic accidents.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	3.7. By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programs.	The industry and main operating activities have no direct linkage with the target. However, through purchasing health insurance for employees, it indirectly helps achieve this target.	Yes, relevant to non-operating activities.
	3.8. Achieve universal health coverage,	The industry and main operating	Yes, relevant to non-

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all.	activities have no direct linkage with the target. However, through purchasing health insurance for employees, it indirectly helps achieve this target.	operating activities.
	3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	3.a. Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	<p>3.b. Support the research and development of vaccines and medicines for the communicable and non-communicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration on the TRIPS Agreement and Public Health, which affirms the right of developing countries to use to the full the provisions in the Agreement on Trade-Related Aspects of Intellectual Property Rights regarding</p>	<p>related topic.</p> <p>The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.</p>	<p>No</p>

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	flexibilities to protect public health, and, in particular, provide access to medicines for all.		
	3.c. Substantially increase health financing and the recruitment, development, training and retention of the health workforce in developing countries, especially in least developed countries and small island developing States.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	3.d. Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	and global health risks.	related topic.	
	4.1. By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	4.2. By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	4.3. By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary	It belongs to a high-tech industry which is knowledge intensive. Hence, industry-academia cooperation can directly help	Yes, relevant to non-operating activities.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	education, including university.	achieve the target of quality technical, vocational and tertiary education.	
	4.4. By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.	As a leading semi-conductor packaging company, it provides good work and job opportunities, as well as cultivate employees' technical and vocational skills, hence directly helps achieve this target.	Yes, relevant to non-operating activities.
	4.5. By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable	The industry and main operating activities have no direct linkage with the target. However, through after-school tutoring for the community' s vulnerable students and providing scholarship and aid for talents with	Yes, relevant to non-operating activities.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	situations.	financial difficulties, etc. it indirectly	
	4.6. By 2030, ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	4.7. By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global	Through development of next generation semi-conductor technologies and materials, it increases corporate competitiveness, cultivates knowledge and skills for employees in the future, which directly helps achieve this target.	Yes, relevant to non-operating activities.


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.		
	4.a. Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	4.b. By 2020, substantially expand globally the number of scholarships available to developing countries, in particular least developed countries, small island developing States and African countries, for enrolment in	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	higher education, including vocational training and information and communications technology, technical, engineering and scientific programmes, in developed countries and other developing countries.		
	4.c. By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	5.1. End all forms of discrimination against all women and girls everywhere	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
		linkage with the target, and the non-operating activities do not involve the related topic.	
	5.2. Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	5.3. Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	5.4. Recognize and value unpaid care	The industry and main operating	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate	activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	
	5.5. Ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	5.6. Ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the	The industry and main operating activities have no direct or indirect linkage with the target, and the non-	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	Programme of Action of the International Conference on Population and Development and the Beijing Platform for Action and the outcome documents of their review conferences	operating activities do not involve the related topic.	
	5.a. Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	5.b. Enhance the use of enabling technology, in particular information and	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	communications technology, to promote the empowerment of women	linkage with the target, and the non-operating activities do not involve the related topic.	
	5.c. Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	6.1. By 2030, achieve universal and equitable access to safe and affordable drinking water for all.	Related to process of operations but unable to directly help achieve this target and yet to have relevant actions.	Yes, indirectly relevant to operating activities, but no actions have been taken yet.
	6.2. By 2030, achieve access to adequate	Related to process of operations but	Yes, indirectly

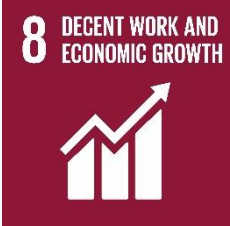
SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations.	unable to directly help achieve this target and yet to have relevant actions.	relevant to operating activities, but no actions have been taken yet.
	6.3. By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally.	Related to process or operations; by increasing waste recycling and safe reuse to improve water quality, it directly helps achieve this target.	Yes, directly relevant to operating activities.
	6.4. By 2030, substantially increase water-use efficiency across all sectors and	Related to process or operations; by increasing waste recycling and safe reuse	Yes, directly relevant to operating activities.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.	to improve water quality, it directly helps achieve this target.	
	6.5. By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate.	Related to process or operations; by increasing waste recycling and safe reuse to improve water quality, it directly helps achieve this target.	Yes, directly relevant to operating activities.
	6.6. By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes.	Related to process or operations; by increasing waste recycling and safe reuse to improve water quality, it directly helps achieve this target.	Yes, directly relevant to operating activities.
	6.a. By 2030, expand international	Related to process of operations but	Yes, indirectly

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies.	unable to directly help achieve this target and yet to have relevant actions.	relevant to operating activities, but no actions have been taken yet.
	6.b. Support and strengthen the participation of local communities in improving water and sanitation management.	Related to process of operations but unable to directly help achieve this target and yet to have relevant actions.	Yes, indirectly relevant to operating activities, but no actions have been taken yet.
	7.1. By 2030, ensure universal access to affordable, reliable and modern energy	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	services.	linkage with the target, and the non-operating activities do not involve the related topic.	
	7.2. By 2030, increase substantially the share of renewable energy in the global energy mix.	Through energy management of manufacturing plant, it directly helps achieve this target.	Yes, directly relevant to operating activities.
	7.3. By 2030, double the global rate of improvement in energy efficiency.	Through energy management of manufacturing plant, it directly helps achieve this target.	Yes, directly relevant to operating activities.
	7.a. By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, directly relevant to operating activities, but no actions have been taken yet.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.		
	7.b. By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States and landlocked developing countries, in accordance with their respective programmes of support.	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, directly relevant to operating activities, but no actions have been taken yet.
	8.1. Sustain per capita economic growth in accordance with national	Achieve higher levels of economic productivity through diversification,	Yes, directly relevant to operating activities.


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	<p>circumstances and, in particular, at least seven per cent gross domestic product growth per annum in the least developed countries.</p>	<p>technological upgrading and innovation, directly help achieve this target.</p>	
	<p>8.2. Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high value added and labour-intensive sectors.</p>	<p>Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, directly help achieve this target.</p>	<p>Yes, directly relevant to operating activities.</p>
	<p>8.3. Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the</p>	<p>Encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services, directly helps achieve this target.</p>	<p>Yes, directly relevant to operating activities.</p>

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	formalization and growth of micro-, small- and medium sized enterprises, including through access to financial services.		
	8.4. Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the Ten-Year Framework of Programmes on Sustainable Consumption and Production, with developed countries taking the lead.	Improve progressively, global resource efficiency in consumption and production, directly helps achieve this target.	Yes, directly relevant to operating activities.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	8.5. By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value.	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, directly relevant to operating activities, but no actions have been taken yet.
	8.6. By 2020, substantially reduce the proportion of youth not in employment, education or training.	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, directly relevant to operating activities, but no actions have been taken yet.
	8.7. Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and	The industry and main operating activities have indirect linkage with the target. Through sustainability risk assessment conducted by supply chain	Yes, indirectly relevant to operating activities.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms.	management team, identify human rights related risk.	
	8.8. Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment.	The industry and main operating activities have indirect linkage with the target. Through sustainability risk assessment conducted by supply chain management team, identify human rights related risk.	Yes, indirectly relevant to operating activities.
	8.9. By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
		related topic.	
	8.10. Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	8.a. Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade-related Technical Assistance to Least Developed Countries.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	8.b. By 2020, develop and operationalize a global strategy for youth employment	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	and implement the Global Jobs Pact of the International Labour Organization.	linkage with the target, and the non-operating activities do not involve the related topic.	
	9.1. Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	9.2. Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, indirectly relevant to operating activities, but no actions have been taken yet.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	circumstances, and double its share in least developed countries.		
	9.3. Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	9.4. By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, indirectly relevant to operating activities, but no actions have been taken yet.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	countries taking action in accordance with their respective capabilities.		
	9.5. Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, indirectly relevant to operating activities, but no actions have been taken yet.
	9.a. Facilitate sustainable and resilient infrastructure development in	The industry and main operating activities have no direct or indirect	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States.	linkage with the target, and the non-operating activities do not involve the related topic.	
	9.b. Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities.	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, indirectly relevant to operating activities, but no actions have been taken yet.
	9.c. Significantly increase access to	The industry and main operating	Yes, indirectly

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020.	activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	relevant to operating activities, but no actions have been taken yet.
	10.1. By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average.	The industry and main operating activities have direct linkage with the target, but unable to directly or indirectly help achieve this target at present, and yet to have relevant actions.	Yes, indirectly relevant to operating activities, but no actions have been taken yet.
	10.2. By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	economic or other status.	related topic.	
	10.3. Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	10.4. Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	10.5. Improve the regulation and monitoring of global financial markets	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	and institutions and strengthen the implementation of such regulations.	linkage with the target, and the non-operating activities do not involve the related topic.	
	10.6. Ensure enhanced representation and voice for developing countries in decision-making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	10.7. Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well managed migration policies.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	10.a. Implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with World Trade Organization agreements.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	10.b. Encourage official development assistance and financial flows, including foreign direct investment, to States where the need is greatest, in particular least developed countries, African countries, small island developing States and landlocked developing countries, in accordance with their national plans and programmes.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	10.c. By 2030, reduce to less than 3 per cent the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5 per cent.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	11.1. By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	11.2. By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons.	related topic.	
	11.3. By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	11.4. Strengthen efforts to protect and safeguard the world’s cultural and natural heritage.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	11.5. By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	11.6. By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management.	The industry and main operating activities have indirect linkage with the target. Through waste management, it indirectly helps achieve this target.	Yes, indirectly relevant to operating activities.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	11.7. By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	11.a. Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	11.b. By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion,	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels.	related topic.	
	11.c. Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	12.1. Implement the 10- Year Framework of Programmes on Sustainable	The industry and main operating activities have no direct or indirect	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	<p>Consumption and Production Patterns, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries.</p>	<p>linkage with the target, and the non-operating activities do not involve the related topic.</p>	
	<p>12.2. By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums.</p>	<p>The industry and main operating activities have indirect linkage with the target. Through waste management, it indirectly helps achieve this target.</p>	<p>Yes, directly relevant to operating activities.</p>
	<p>12.3. By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses.</p>	<p>The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.</p>	<p>No</p>

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	12.4. By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their lifecycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment.	The industry and main operating activities have indirect linkage with the target. Through waste management, it indirectly helps achieve this target.	Yes, directly relevant to operating activities.
	12.5. By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.	The industry and main operating activities have indirect linkage with the target. Through waste management, it indirectly helps achieve this target.	Yes, directly relevant to operating activities.
	12.6. Encourage companies, especially	Through regular public disclosure of	Yes, directly relevant


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle.	sustainability related information, it directly helps achieve this target.	to operating activities.
	12.7. Promote public procurement practices that are sustainable, in accordance with national policies and priorities.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	12.8. By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	12.a. Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	12.b. Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	12.c. Rationalize inefficient fossil-fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with national	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	<p>circumstances, including by restructuring taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking fully into account the specific needs and conditions of developing countries and minimizing the possible adverse impacts on their development in a manner that protects the poor and the affected communities.</p>	<p>related topic.</p>	
	<p>13.1. Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.</p>	<p>Main operating activities have indirect link with the target. By building green factories (high-efficiency building design), installing solar power system to</p>	<p>Yes, indirectly relevant to operating activities.</p>

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
		build a stable system so as to adapt and mitigate climate change.	
	13.2. Integrate climate change measures into national policies, strategies and planning.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	13.3. Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.	The industry and main operating activities have no direct linkage with this target. However, by promoting environmental education and the friendly activities and publicity of environmental art, it drives product environmental awareness, which	Yes, relevant to non-operating activities.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
		indirectly helps achieve this target.	
	13.a. Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	13.b. Promote mechanisms for raising	The industry and main operating	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities.	activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	
	14.1. By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	14.2. By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts,	The industry and main operating activities have no direct or indirect linkage with the target, and the non-	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans.	operating activities do not involve the related topic.	
	14.3. Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	14.4. By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics.		
	14.5. By 2020, conserve at least ten per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	14.6. By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal,	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	unreported and unregulated fishing and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the World Trade Organization fisheries subsidies negotiation.	related topic.	
	14.7. By 2030, increase the economic benefits to small island developing States and least developed countries from the sustainable use of marine resources, including through sustainable	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	management of fisheries, aquaculture and tourism.		
	14.a. Increase scientific knowledge, develop research capacity and transfer marine technology, taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Marine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity to the development of developing countries, in particular small island developing States and least developed countries.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	14.b. Provide access for small-scale artisanal fishers to marine resources and markets.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	14.c. Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in the United Nations Convention on the Law of the Sea, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of "The future we want".	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	15.1. By 2020, ensure the conservation,	The industry and main operating	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements.	activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	
	15.2. By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	15.3. By 2030, combat desertification, restore degraded land and soil, including	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world.	linkage with the target, and the non-operating activities do not involve the related topic.	
	15.4. By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	15.5. Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	15.6. Promote fair and equitable sharing	The industry and main operating	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed.	activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	
	15.7. Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	15.8. By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No


SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	priority species.		
	15.9. By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	15.a. Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	15.b. Mobilize significant resources from all sources and at all levels to finance sustainable forest management and	The industry and main operating activities have no direct or indirect linkage with the target, and the non-	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	provide adequate incentives to developing countries to advance such management, including for conservation and reforestation.	operating activities do not involve the related topic.	
	15.c. Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	16.1. Significantly reduce all forms of violence and related death rates everywhere.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	16.2. End abuse, exploitation, trafficking and all forms of violence against and torture of children.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	16.3. Promote the rule of law at the national and international levels and ensure equal access to justice for all.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	16.4. By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	16.5. Substantially reduce corruption and	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	bribery in all their forms.	linkage with the target, and the non-operating activities do not involve the related topic.	
	16.6. Develop effective, accountable and transparent institutions at all levels.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	16.7. Ensure responsive, inclusive, participatory and representative decision-making at all levels.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	16.8. Broaden and strengthen the participation of developing countries in the institutions of global governance.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
		related topic.	
	16.9. By 2030, provide legal identity for all, including birth registration.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	16.10. Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	16.a. Strengthen relevant national institutions, including through international cooperation, for building capacity at all levels, in particular in developing countries, to prevent violence	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	<p>and combat terrorism and crime.</p> <p>16.b. Promote and enforce non-discriminatory laws and policies for sustainable development.</p>	<p>The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.</p>	<p>No</p>
	<p>17.1. Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection.</p> <p>17.2. Developed countries to implement fully their official development assistance commitments, including the commitment by many developed</p>	<p>The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.</p> <p>The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.</p>	<p>No</p> <p>No</p>

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	countries to achieve the target of 0.7 per cent of gross national income for official development assistance (ODA/GNI) to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries; ODA providers are encouraged to consider setting a target to provide at least 0.20 per cent of ODA/GNI to least developed countries.		
	17.3. Mobilize additional financial resources for developing countries from multiple sources.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	17.4. Assist developing countries in	The industry and main operating	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	attaining long-term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted poor countries to reduce debt distress.	activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	
	17.5. Adopt and implement investment promotion regimes for least developed countries.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	17.6. Enhance North-South, South-South and triangular regional and international cooperation on and access to science,	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	technology and innovation and enhance knowledge-sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism.	related topic.	
	17.7. Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	17.8. Fully operationalize the technology	The industry and main operating activities have no direct or indirect	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology.	linkage with the target, and the non-operating activities do not involve the related topic.	
	17.9. Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the Sustainable Development Goals, including through North-South, South-South and triangular cooperation.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	17.10. Promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the World Trade Organization, including through the conclusion of negotiations under its Doha Development Agenda.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	17.11. Significantly increase the exports of developing countries, in particular with a view to doubling the least developed countries' share of global exports by 2020.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	17.12. Realize timely implementation of duty-free and quota-free market access on a lasting basis for all least developed	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	countries, consistent with World Trade Organization decisions, including by ensuring that preferential rules of origin applicable to imports from least developed countries are transparent and simple, and contribute to facilitating market access.	related topic.	
	17.13. Enhance global macroeconomic stability, including through policy coordination and policy coherence.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	17.14. Enhance policy coherence for sustainable development.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	17.15. Respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development.	related topic. The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	17.16. Enhance the Global Partnership for Sustainable Development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the Sustainable Development Goals in all countries, in particular developing countries.	By promoting global partnership in sustainable development, exchange knowledge, expertise and skills with stakeholders, and by participating in the association's initiative, it indirectly helps achieve this target.	Yes, directly relevant to operating activities.

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	17.17. Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships.	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No
	17.18. By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national	The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.	No

SDG	Target	Description	Whether company has potential contribution to the SDG (Yes / No)
	<p>contexts.</p> <p>17.19. By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building in developing countries.</p>	<p>The industry and main operating activities have no direct or indirect linkage with the target, and the non-operating activities do not involve the related topic.</p>	<p>No</p>

Appendix Two: References

1. International Council for Science (ICSU) and International Social Science Council (ISSC), 2015, Review of Targets for the Sustainable Development Goals: The Science Perspective.
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9. GSMA, 2018, 2018 Mobile Industry Impact Report: Sustainable Development Goals

The report describes the cooperation between ASE Technology Holding Co., Ltd. and PwC Taiwan in 2018, in detailing the research and process on the respond by ASEH to sustainable development goals (SDGs). The data categories in this report are the same as that in ASEH's 2018 Corporate Social Responsibility Report.

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