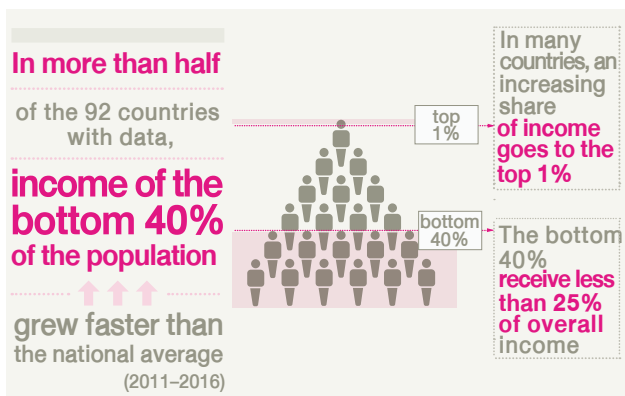
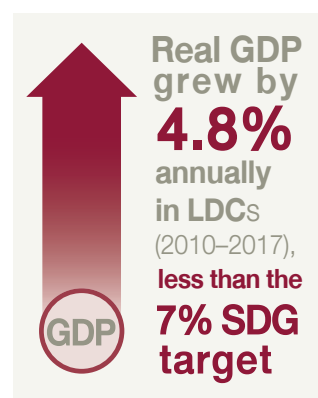
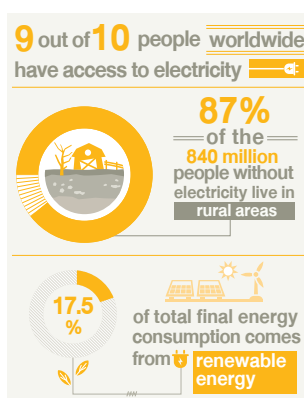
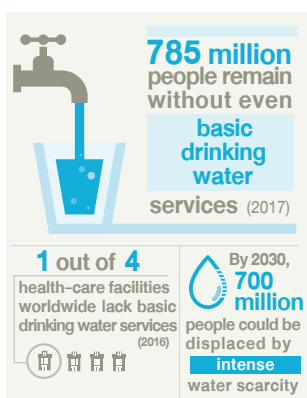
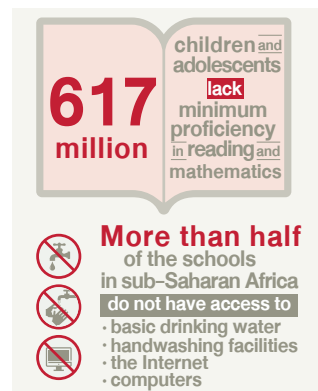
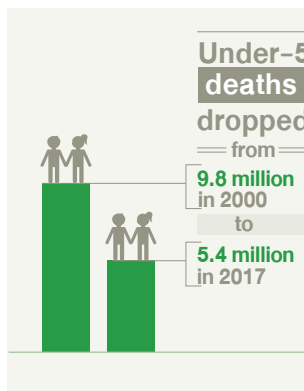
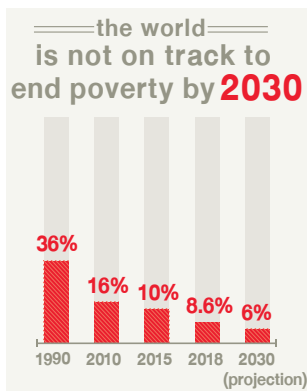


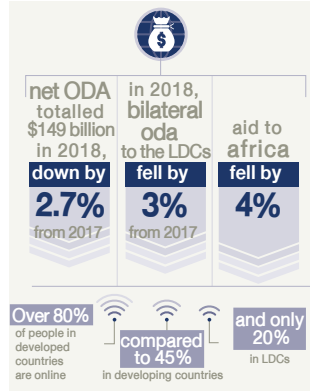
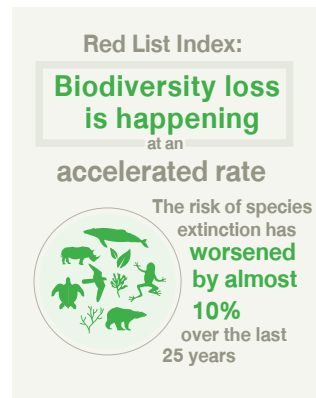
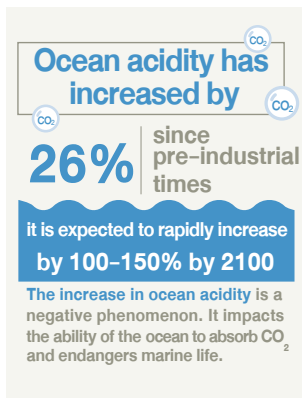
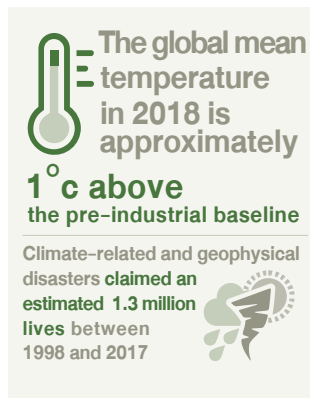
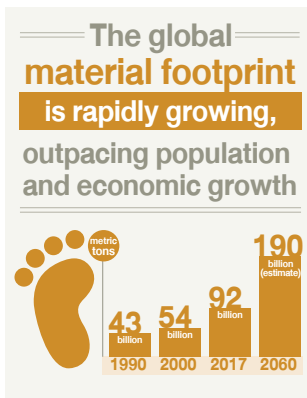
Sustainable Development is among key topics widely discussed at the global level in the past several years. In 2015, the United Nations set out 17 Sustainable Development Goals (SDGs) to promote “a better and more sustainable future for all”. These goals serve as a macro-level framework for countries to address a diverse range of economic, social, and environmental issues through various measures such as policy direction and budgeting scheme, monitoring mechanism, as well as stakeholder engagement. Since the announcement of these Goals, the UN has also introduced detailed indicators to measure implementation progress, drawing attention from public, academic, as well as private sectors.

At the other end, global investor community and large corporations have become active in promoting Sustainable Development at the enterprise level. Immense wealth of knowledge has been accumulated and shared, with tools such as industry-specific standards, certification systems, and benchmarking being developed. Wide range of technologies and innovations have also been put into use for this important cause.

Snapshot of SDG Progress

The 17 sustainable development goals (SDGs) to transform our world:





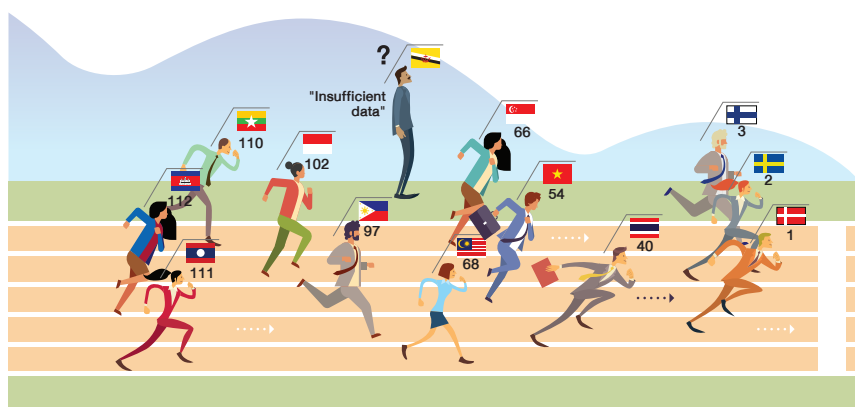
Reference: Annex: Snapshot of SDG Progress (P.41 – 57) | Report of the Secretary-General on SDG Progress 2019 Special Edition

The Macro

UN has warned, all ASEAN countries will fail to meet 2030 finish line

Globally, the world has made substantial progress in ending poverty (SDG1), ensuring access to quality education and lifelong learning for all (SDG 4) as well as delivering affordable and clean energy (SDG7). However, the progress towards more than half of the 17 goals has been stagnant.

Average Performance of ASEAN on UN SDG Benchmarking the world's top two



Country	World Rank	SDG Score (100)
Denmark	1	85.2
Sweden	2	85
Finland	3	82.8
Brunei	na	na
Cambodia	112	61.8
Indonesia	102	64.2
Lao PDR	111	62
Malaysia	68	69.6
Myanmar	110	62.2
Philippines	97	64.9
Singapore	66	69.6
Thailand	40	73
Vietnam	54	71.1

For ASEAN, the region has performed best in ending poverty, providing quality education, and acting against climate change (SDGs 1,4, and 13). On the other hand, fostering industry/innovation/infrastructure, protecting lives below water and lives on land (SDGs 9,14, and 15) are the goals with least progress.

In 2019, for overall SDG performance in comparison to 162 countries around the globe, Thailand and Vietnam are the best performers with world ranking of 40th and 50th respectively. Singapore, Malaysia, and the Philippines are in the middle group, with 66th, 68th, and 97th ranking, while Indonesia, Myanmar, Lao PDR, and Cambodia are catching up to global peers with current ranking beyond 100th.*

* The 2019 SDG Index has not included Brunei due to insufficient data availability.

ASEAN SDG Trend Dashboard

↓ Decreasing
 → Stagnating
 ↗ Moderately improving
 ↑ On track or maintaining SDG achievement
 ■ ■ Information unavailable

Country	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BRN	■ ■	→	↗	↗	↗	↑	↑	■ ■	■ ■	■ ■	■ ■	■ ■	↓	↗	↗	■ ■	■ ■
KHM	↑	↗	↗	→	→	↗	↗	↗	↗	■ ■	↑	■ ■	↑	→	↓	→	→
IDN	↑	↗	↗	↗	→	↗	↗	↑	↗	■ ■	↗	■ ■	↑	→	↓	↗	→
LAO	↑	↗	↗	↗	↗	↑	■ ■	↗	→	■ ■	■ ■	■ ■	↑	■ ■	↓	■ ■	→
MYS	↑	→	↗	↗	↗	↗	↗	↑	↑	■ ■	↗	■ ■	↓	↗	→	■ ■	→
MMR	↑	↗	↗	■ ■	→	→	→	■ ■	↗	■ ■	↗	■ ■	↑	↗	↓	→	■ ■
PHL	↑	→	→	■ ■	↗	→	→	↗	↗	■ ■	→	■ ■	↑	↗	↓	→	■ ■
SGP	↑	■ ■	↗	■ ■	→	↑	↑	↑	↑	■ ■	↗	■ ■	↓	■ ■	■ ■	↗	■ ■
THA	↑	→	↗	■ ■	↗	↑	↗	↑	↗	■ ■	↗	■ ■	→	→	→	↗	■ ■
VNM	↑	↗	↗	■ ■	↗	↑	↑	↗	↗	■ ■	↑	■ ■	↑	→	↗	■ ■	■ ■

For more information on dashboard and methodology please refer to www.sdindex.org
 Source: SDG Index

Compared to the performance of previous year, all countries in ASEAN* have successfully maintained achievement in ending poverty (SDG 1). Other significant improvements are in acting against climate change (SDG 13) and providing access to clean water and sanitation (SDG 6).

Among 10 ASEAN members, most countries are deemed to have already achieved 2-3 SDG performance targets. The only 2 exceptions are Singapore and Vietnam, with 5 SDGs already being achieved. Singapore's 5 areas of SDG achievements are in no poverty (SDG 1), access to clean water & sanitation (SDG 6), affordable & clean energy (SDG 7), decent work & economic growth (SDG 8), as well as fostering industry/innovation/infrastructure (SDG 9). However, Singapore's performance in climate change (SDG 16) has deteriorated in the past year. In the case of Vietnam, the main areas of SDG achievements are also in SDGs 1, 6, 7 and 16, with the 5th achievement area in sustainable cities and communities (SDG 11).

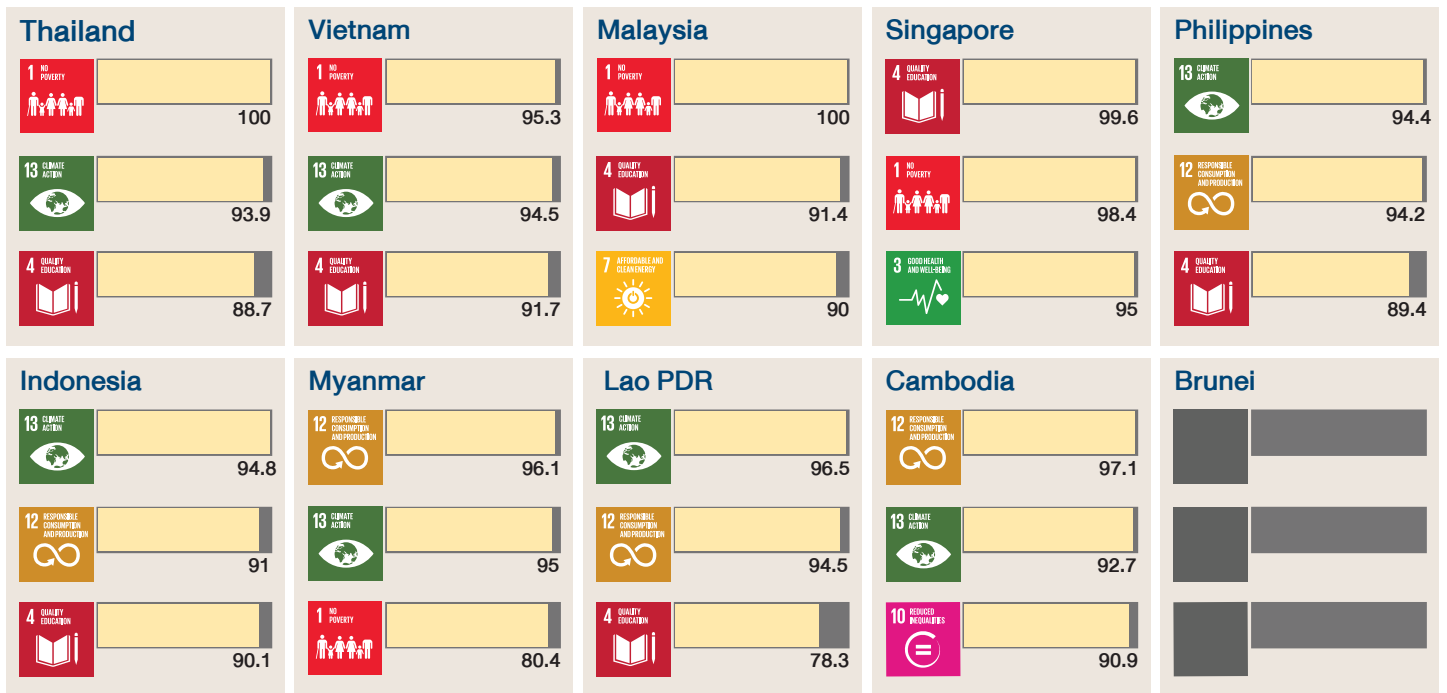
Top and Bottom Performance Score of ASEAN



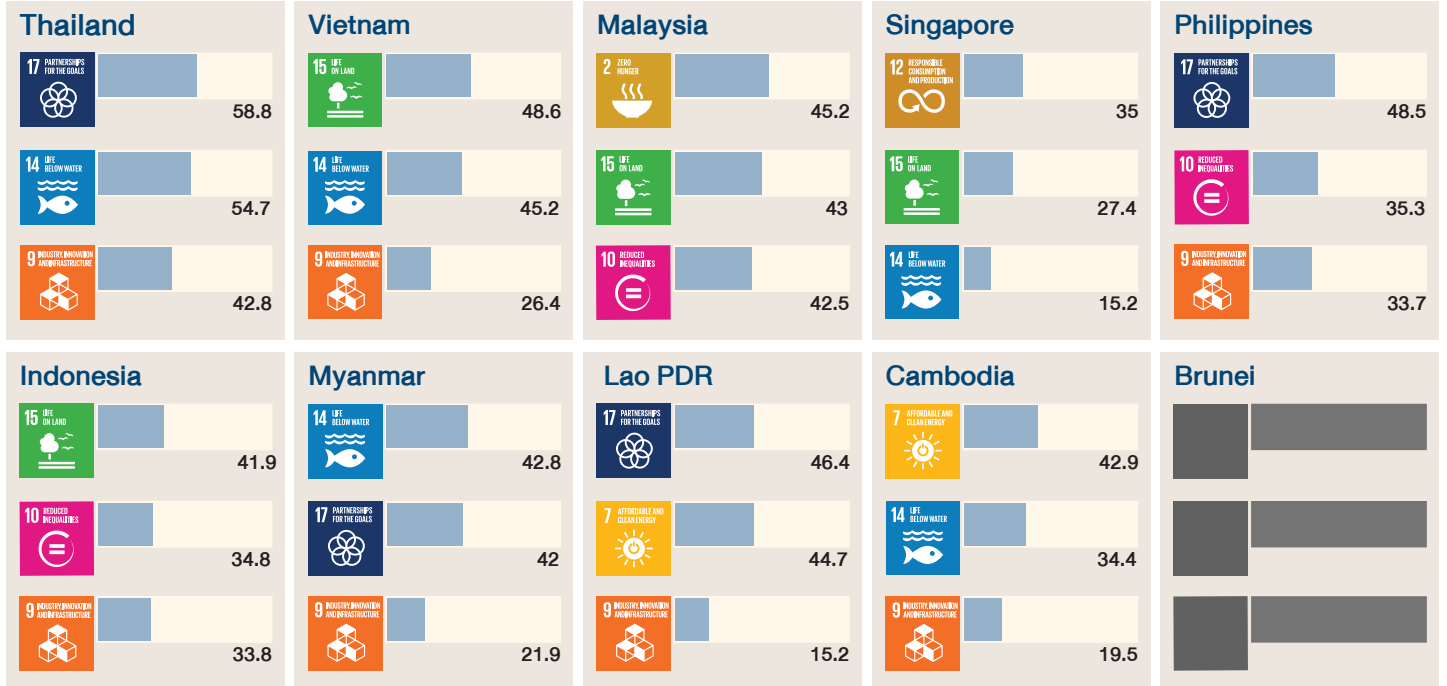
* The 2019 SDG Index has not included Brunei due to insufficient data availability.

However, beyond overall performance, the diversity within ASEAN is immense, with each country making varying degree of progress in different SDGs. The top and bottom SDG performances of each ASEAN country are illustrated below.

Top Performance



Bottom Performance



For more information on dashboard and methodology please refer to www.sdgindex.org
Source: SDG Index

The Six Transformations

Across the globe, current progress of most countries in Sustainable Development are deemed to be insufficient to meet the performance targets in 2030. Hence, new approaches and interventions will be required to accelerate performance trajectory. Furthermore, the interdependence among SDGs needs to be recognized - for example, many studies have shown that education improvement (SDG 4) can contribute to better health (SDG 3), decent work and economic growth (SDG 8), as well as equality gap reduction (SDG 10). Practical strategies must involve multiple parties to organize and deploy effective measures through a more holistic approach.

Recognizing that new approaches are needed, the Sustainable Development Solution Network (SDSN) has proposed that policy makers group the 17 UNSDGs into 6 broad transformation themes and design holistic programs to address each theme. These programs should include policy measures as well as public investments, new technologies, and social engagement.

Leave No One Behind

1. Education, gender and inequality

SDGs 1, 5, 7-10, 12-15, 17

2. Health, Wellbeing and Demography

SDGs 1-5, 8, 10

3. Energy decarbonization and sustainable industry

SDGs 1-16

4. Sustainable food, land, water and oceans

SDGs 1-3, 5, 6, 8, 10-15

5. Sustainable cities and communities

SDGs 1-16

6. Digital revolution for sustainable development

SDGs 1-4, 7-13, 17

Source: SDG Index



Source: WBCSD

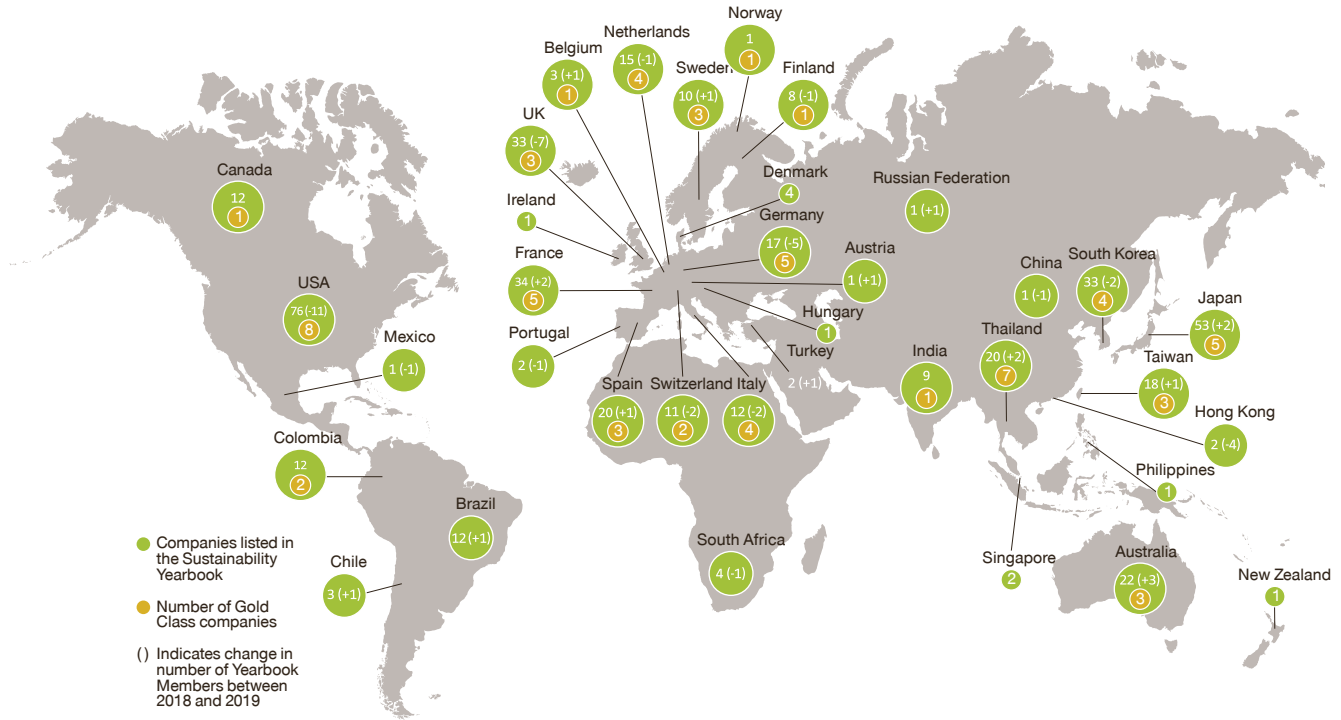
Finally, in Sustainable Development policy implementation, government of each country needs to take into account the interconnectivity and potential spillover effects from its policy measures and programs, including environmental, economic, as well as security spillovers. Hence, the need for an international collaboration or Partnership to Achieve the Goal (SDG 17).

The Micro Sustainability Index

In addition to the UN and governments around the world recognizing the need for Sustainable Development, many companies today have also committed themselves to social responsibility, steering their organizations and operations to protect interests of the environment and society in addition to their own financial bottom lines. The global investment community has also put emphasis on the sustainable operations of their investment targets, with multiple Social Impact and Responsible Investment institutions being set up. Thus, the rise of the needs for sustainability assessment of corporations. Created in 1999 as a joint effort by Standards & Poor's, Dow Jones Indices, and RobecoSAM, the Dow Jones Sustainability Index (DJSI) is one of the most well-known benchmarks for investors to assess sustainable practices of corporations. Corporate economic, environmental, and social performances are the key analytical dimensions of DJSI. Furthermore, there are adjustments in the assessment methodology to reflect industry-specific context.

Where are the sustainable companies?

Where are the world's most sustainable companies located?



Source: The Sustainability Yearbook 2019 by RobecoSAM AG

Among 2,686 companies of the SAM Corporate Sustainability Assessment in 2018, 23 companies from 14 industries are operating in ASEAN. The majority of these companies (20) are in Thailand, while another two are in Singapore, and one is in the Philippines.

DJSI submitted ASEAN companies, classified by industry

<p>Banks</p> <ul style="list-style-type: none"> SAM Silver Class Siam Commercial Bank PCL Thailand SAM Bronze Class Kasikornbank PCL Thailand 	<p>Highlighted criteria & Dimension weight</p> <p>Economic Dimension.....46%</p> <ul style="list-style-type: none"> Corporate Governance Codes of Business Conduct Risk & Crisis Management Anti-crime Policy & Measures <p>Environmental Dimension.....21%</p> <ul style="list-style-type: none"> Business Risks and Opportunities Climate Strategy <p>Social Dimension.....33%</p> <ul style="list-style-type: none"> Human Capital Development Talent Attraction & Retention Controversial issues, Dilemmas in Lending & Financing
<p>Chemicals</p> <ul style="list-style-type: none"> SAM Bronze Class PTT Global Chemical PCL Thailand Sustainability Yearbook Members Indorama Ventures PCL Thailand 	<p>Highlighted criteria & Dimension weight</p> <p>Economic Dimension.....35%</p> <ul style="list-style-type: none"> Codes of Business Conduct Innovation Management Customer Relationship Management <p>Environmental Dimension.....33%</p> <ul style="list-style-type: none"> Operational Eco-Efficiency Climate Strategy Product Stewardship Water Related Risks <p>Social Dimension.....32%</p> <ul style="list-style-type: none"> Occupational Health and Safety Human Capital Development
<p>Construction Materials</p> <ul style="list-style-type: none"> SAM Silver Class Siam Cement PCL Thailand 	<p>Highlighted criteria & Dimension weight</p> <p>Economic Dimension.....33%</p> <ul style="list-style-type: none"> Codes of Business Conduct Risk & Crisis Management Customer Relationship Management <p>Environmental Dimension.....33%</p> <ul style="list-style-type: none"> Operational Eco-Efficiency Climate Strategy Water Related Risks <p>Social Dimension.....34%</p> <ul style="list-style-type: none"> Occupational Health and Safety Human Capital Development Talent Attraction & Retention
<p>Beverages</p> <ul style="list-style-type: none"> SAM Gold Class Thai Beverage PCL Thailand 	<p>Highlighted criteria & Dimension weight</p> <p>Economic Dimension.....48%</p> <ul style="list-style-type: none"> Supply Chain Management Corporate Governance Strategy for Emerging Markets Health & Nutrition <p>Environmental Dimension.....26%</p> <ul style="list-style-type: none"> Operational Eco-Efficiency Water Related Risks Raw Material Sourcing <p>Social Dimension.....26%</p> <ul style="list-style-type: none"> Talent Attraction & Retention Human Capital Development
<p>Coal & Consumable Fuels</p> <ul style="list-style-type: none"> SAM Gold Class Banpu PCL Thailand 	<p>Highlighted criteria & Dimension weight</p> <p>Economic Dimension.....33%</p> <ul style="list-style-type: none"> Codes of Business Conduct Corporate Governance <p>Environmental Dimension.....32%</p> <ul style="list-style-type: none"> Climate Strategy Operational Eco-Efficiency Water Related Risks Biodiversity Mineral Waste Management <p>Social Dimension.....35%</p> <ul style="list-style-type: none"> Occupational Health and Safety Social Impacts on Communities
<p>Electronic Equipment, Instruments & Components</p> <ul style="list-style-type: none"> Sustainability Yearbook Members Delta Electronics Thailand PCL Thailand 	<p>Highlighted criteria & Dimension weight</p> <p>Economic Dimension.....40%</p> <ul style="list-style-type: none"> Supply Chain Management Corporate Governance Innovation Management Codes of Business Conduct <p>Environmental Dimension.....31%</p> <ul style="list-style-type: none"> Operational Eco-Efficiency Product Stewardship Climate Strategy <p>Social Dimension.....29%</p> <ul style="list-style-type: none"> Occupational Health and Safety Talent Attraction & Retention

Food & Staples Retailing



- **SAM Silver Class**
CP ALL PCL Thailand

Highlighted criteria & Dimension weight

Economic Dimension.....	39%
• Supply Chain Management	
• Health & Nutrition	
• Customer Relationship Management	
Environmental Dimension.....	31%
• Raw Material Sourcing	
• Operational Eco-Efficiency	
• Packaging	
Social Dimension.....	30%
• Human Capital Development	
• Occupational Health and Safety	
• Talent Attraction & Retention	

Food Products



- **SAM Gold Class Thai Union Group PCL Thailand**
- **SAM Bronze Class Charoen Pokphand Foods PCL Thailand**

Highlighted criteria & Dimension weight

Economic Dimension.....	42%
• Supply Chain Management	
• Health & Nutrition	
• Innovation Management	
Environmental Dimension.....	28%
• Operational Eco-Efficiency	
• Raw Material Sourcing	
• Packaging	
Social Dimension.....	30%
• Human Capital Development	
• Occupational Health and Safety	
• Human Rights	

Oil & Gas – Refining & Marketing



- **SAM Gold Class IRPC PCL Thailand**
- **SAM Silver Class Thai Oil PCL Thailand**

Highlighted criteria & Dimension weight

Economic Dimension.....	34%
• Codes of Business Conduct	
• Risk & Crisis Management	
• Supply Chain Management	
Environmental Dimension.....	31%
• Climate Strategy	
• Operational Eco-Efficiency	
• Water Related Risks	
Social Dimension.....	35%
• Occupational Health and Safety	
• Human Capital Development	
• Talent Attraction & Retention	

Oil & Gas – Upstream & Integrated



- **SAM Gold Class PTT PCL Thailand**
- **SAM Silver Class PTT Exploration & Production PCL Thailand**

Highlighted criteria & Dimension weight

Economic Dimension.....	42%
• Corporate Governance	
• Exploration & Production	
• Gas Portfolio	
Environmental Dimension.....	26%
• Climate Strategy	
• Operational Eco-Efficiency	
• Water Related Risks	
Social Dimension.....	32%
• Occupational Health and Safety	
• Social Impacts on Communities	
• Human Capital Development	

Real Estate



- **SAM Bronze Class CapitalLand Ltd Singapore**
- **Sustainability Yearbook Members Central Pattana PCL Thailand**
- **City Developments Ltd Singapore**
- **Ayala Land Inc Philippines**

Highlighted criteria & Dimension weight

Economic Dimension.....	28%
• Corporate Governance	
• Risk & Crisis Management	
• Supply Chain Management	
Environmental Dimension.....	38%
• Operational Eco-Efficiency	
• Climate Strategy	
• Resource Conservation and Resource Efficiency	
Social Dimension.....	34%
• Human Capital Development	
• Social Integration & Regeneration	
• Stakeholder Engagement	

Retailing



- **SAM Gold Class Home Product Center PCL Thailand**

Highlighted criteria & Dimension weight

Economic Dimension.....	50%
• Supply Chain Management	
• Brand Management	
• Customer Relationship Management	
Environmental Dimension.....	22%
• Operational Eco-Efficiency	
• Environmental Policy & Management Systems Packaging	
Social Dimension.....	28%
• Talent Attraction & Retention	
• Human Capital Development	
• Human Rights	

Telecommunication Service



- **SAM Gold Class True Corp PCL Thailand**

Highlighted criteria & Dimension weight

Economic Dimension.....	47%
• Customer Relationship Management	
• Privacy Protection	
• Risk & Crisis Management	
• Information Security & Cybersecurity	
• Network Reliability	
Environmental Dimension.....	20%
• Operational Eco-Efficiency	
• Climate Strategy	
Social Dimension.....	33%
• Human Capital Development	
• Talent Attraction & Retention	

Transportation and Transportation Infrastructure



- **SAM Bronze Class BTS Group Holdings PCL Thailand**
- **Sustainability Yearbook Members Airports of Thailand PCL Thailand**

Highlighted criteria & Dimension weight

Economic Dimension.....	34%
• Codes of Business Conduct	
• Customer Relationship Management	
• Privacy Protection	
• Risk & Crisis Management	
Environmental Dimension.....	27%
• Operational Eco-Efficiency	
• Climate Strategy	
• Fuel Efficiency	
Social Dimension.....	39%
• Occupational Health and Safety	
• Stakeholder Engagement	
• Talent Attraction & Retention	



Within each industry, companies with a minimum total score of 60 and whose score is within 1% of the top performing company's score in their industry receive the SAM Gold Class award.



All companies receiving a total score of at least 57 and whose score is within a range of 1% to 5% of the industry's top performing company's score receive the SAM Silver Class distinction.



Companies whose score is at least 54 and is within a range of 5% to 10% of the industry's top performing company's score receive the SAM Bronze Class distinction.

Sustainability Yearbook Member

All companies that have been included in the Yearbook, but that have not received a medal distinction, must be within the top 15% of their industry and must achieve a score within 30% of their industry's top performing company.

Source: The Sustainability Yearbook 2019 by RobecoSAM AG

Looking Forward

There is still a lot of work to be done to achieve the UN Sustainable Development Goals in 2030. Countries, companies, investors and all parties need to continue to collaborate and push through policy measures, operational standards, investments, and new technologies to create a world with sounder environmental and socio-economic balance. Relentless commitment to create awareness and calls for action among policy makers and ordinary citizens is fundamental to this effort.

C asean, a collaboration platform with the mission to strengthen ASEAN connectivity, has been advocating sustainability dialogues across all segments of the society. We will continue to support the development of sustainable ASEAN through wide range of initiatives across the region.

ASEAN Monitor is a monthly news monitoring report providing analysis of the top stories from around ASEAN that impacts the region the most.



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