



# Thailand SAP User Group

**For the User, by the User**

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# Thailand Commitment to Global Climate Change

- ❑ In 2015, Thailand Committed to reduce greenhouse-gas emission by 20-25% by 2030 at COP21 in Paris
- ❑ Power Development Plan 2015 to reduce fossil fuel use and increase renewable supplies
- ❑ In 2021, Thailand pledged to reach carbon neutrality by 2050 and net-zero carbon emissions by 2065 at COP26 in UK
  - **Carbon neutral** means that any CO2 released into the atmosphere from a company's activities is balanced by an equivalent amount being removed.
  - **Net-Zero carbon emissions** mean that an activity releases net-zero carbon emissions into the atmosphere



# นโยบายและแผนด้านการเปลี่ยนแปลงสภาพภูมิอากาศ

## แผนระดับ 1 ยุทธศาสตร์ชาติ 20 ปี (2018-2037)

ยุทธศาสตร์ที่ 5 ด้านการสร้างการเติบโตที่เป็นมิตรกับสิ่งแวดล้อม แผนย่อย 3 การเติบโตอย่างยั่งยืน บนสังคมเศรษฐกิจที่เป็นมิตรต่อสภาพภูมิอากาศ

- 1.ลดการปล่อยก๊าซเรือนกระจก
- 2.การปรับตัวต่อการเปลี่ยนแปลงสภาพภูมิอากาศ
- 3.การลงทุนที่เป็นมิตรต่อสภาพภูมิอากาศ
- 4.รับมือต่อโรคอุบัติใหม่/โรคอุบัติซ้ำจาก การเปลี่ยนแปลงสภาพภูมิอากาศ

## แผนระดับ 2

- แผนแม่บทภายใต้ยุทธศาสตร์ชาติ ประเด็นที่ 18 การเติบโตอย่างยั่งยืน แผนย่อย 3 การเติบโตอย่างยั่งยืนบนสังคมเศรษฐกิจที่เป็นมิตรต่อสภาพภูมิอากาศ
- แผนการปฏิรูปประเทศ ด้านทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่องสิ่งแวดล้อม ประเด็นที่ 3 ผลักดันทุกภาคส่วนให้ร่วมแก้ปัญหาการเปลี่ยนแปลงสภาพภูมิอากาศ & เรื่องระบบบริหารจัดการทรัพยากรธรรมชาติฯ ประเด็นที่ 8 การปฏิรูปกฎหมาย (ร่าง พรบ. การเปลี่ยนแปลงสภาพภูมิอากาศฯ)
- แผนพัฒนาเศรษฐกิจและสังคมแห่งชาติ ฉบับที่ 12 (2017-2022) ยุทธศาสตร์ที่ 4 การเติบโตที่เป็นมิตรต่อสิ่งแวดล้อมเพื่อพัฒนาอย่างยั่งยืน เป้าหมายที่ 4 เพิ่มประสิทธิภาพการลดก๊าซเรือนกระจกและขีดความสามารถในการปรับตัวฯ & กรอบแผนฯ ฉบับที่ 13 (2023-2027) หมุดหมายที่ 10 การพัฒนาเศรษฐกิจหมุนเวียนและสังคมคาร์บอนต่ำ และหมุดหมายที่ 11 การลดความเสี่ยงจากภัยธรรมชาติและการเปลี่ยนแปลงสภาพภูมิอากาศ

## แผนระดับ 3

- แผนที่นำทางการลดก๊าซเรือนกระจกของประเทศ ปี 2021-2030 ศักยภาพในการลดก๊าซเรือนกระจก 20.8% จากกรณีปกติ ณ ปี 2030
- แผนปฏิบัติการลดก๊าซเรือนกระจกของประเทศ ปี 2021-2030 รายสาขา ในสาขาพลังงาน สาขาขนส่ง กระบวนการทางอุตสาหกรรม/น้ำเสียอุตสาหกรรม และการจัดการของเสีย
- แผนแม่บทรองรับการเปลี่ยนแปลงสภาพภูมิอากาศ 2015-2050 ด้านการปรับตัวฯ การลดก๊าซเรือนกระจก และการสร้างขีดความสามารถ
- แผนการปรับตัวต่อการเปลี่ยนแปลงสภาพภูมิอากาศแห่งชาติ (NAP) ด้านการจัดการน้ำ การเกษตรและความมั่นคงทางอาหาร การท่องเที่ยว สาธารณสุข ทรัพยากรธรรมชาติ และการตั้งถิ่นฐานและความมั่นคงของมนุษย์

# Sustainability Business Cases

Drivers	Product	Customer Interface	Infrastructure Management	Financial Aspect
1. Costs and cost reduction	More efficient products/ services	Cost-efficient contracting relationships	Increases in processes' efficiency	Reducing production costs
2. Sales and profit margin	Environmentally and/or socially superior products/ services	Sustainability oriented service-intensive relationships	New activities and/or partnerships that show new market opportunities	Increasing revenues
3. Risk and risk reduction	Reduced risks associated with products/ services and their use	Reduced risks associated with service relationships	Reduced risks associated with production processes	Lower risk profile
4. Reputation and brand value	Sustainability as a distinctive element of products/ services	Sustainability as a marketing feature of the Brand	More efficient and sustainable processes increase corporate reputation and brand value	Consideration in sustainability indices and funds
5. Attractiveness as employer	A company's offerings allowing for personal identification to attract employees	Good reputation that motivates employees	Efficient and sustainable processes attract employees	Reduced labor costs
6. Innovative capabilities	Unfolding the full Sustainability potential of innovations on products/ services	Innovative products and Services creating solutions to sustainability problems	Efficiency in process and Sustainability management	Higher innovation potential and expectations for profitable innovations

Source Authors' adaptation of Schaltegger et al.

# Sustainability Business Cases

Drivers	Product	Customer Interface	Infrastructure Management	Financial Aspect
1. Costs and cost reduction	More efficient products/services	Cost-efficient contracting relationships	Increases in processes' efficiency	Reducing production costs
2. Sales and market expansion		Partnerships	New activities and/or partnerships that show new market opportunities	Increasing revenues
3. Risk reduction			Reduced risks associated with production processes	Lower risk profile
4. Reputation building		Marketing	More efficient and sustainable processes increase corporate reputation and brand value	Consideration in sustainability indices and funds
5. Attracting and retaining talent			Efficient and sustainable processes attract employees	Reduced labor costs
6. Innovation capabilities	Sustainability potential of innovations on products/services	Services creating solutions to sustainability problems	Efficiency in process and Sustainability management	Higher innovation potential and expectations for profitable innovations

- Water Management
- Waste Management
- Energy Management
- Factory 4.0
- Logistic and Supply Chain Management
- Corporate Carbon Emission Management
- Product Carbon Emission Management

Source Authors' adaptation of Schaltegger et al.

# Sustainability Business Cases

Drivers	Product	Customer Interface	Infrastructure Management	Financial Aspect
1. Costs and cost reduction	More efficient products/ services	Cost-efficient contracting relationships	Increases in processes' efficiency	Reducing production costs
2. Sales and profit margin	Environmentally and/or socially superior products/ services	Sustainability oriented service-intensive relationships	New activities and/or partnerships that show new market opportunities	Increasing revenues
3. Risk reduction	Product development management	Product safety and compliance	Reduced risks associated with production processes	Lower risk profile
4. Efficiency	Waste management (Waste-to-Wealth)	Product development management	More efficient and sustainable processes increase corporate reputation and brand value	Consideration in sustainability indices and funds
5. Attractiveness as employer	A company's offerings allowing for personal identification to attract employees	Good reputation that motivates employees	Efficient and sustainable processes attract employees	Reduced labor costs
6. Innovative capabilities	Unfolding the full Sustainability potential of innovations on products/ services	Innovative products and Services creating solutions to sustainability problems	Efficiency in process and Sustainability management	Higher innovation potential and expectations for profitable innovations

- Waste Management (Waste-To-Wealth)
- Product Development Management
- Product Safety and Compliance

Source Authors' adaptation of Schaltegger et al.

# Sustainability Business Cases

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1. Costs and cost reduction	More efficient products/ services	Cost-efficient contracting relationships	Increases in processes' efficiency	Reducing production costs
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3. Risk and risk reduction	Reduced risks associated with products/ services and their use	Reduced risks associated with service relationships	Reduced risks associated with production processes	Lower risk profile
4. Reputation and	Sustainability as a distinctive	Sustainability as a marketing	More efficient and sustainable processes increase corporate reputation and brand value	Consideration in sustainability indices and funds
5.	employees		Efficient and sustainable processes attract employees	Reduced labor costs
6. Innovative capabilities	Unfolding the full Sustainability potential of innovations on products/ services	Innovative products and Services creating solutions to sustainability problems	Efficiency in process and Sustainability management	Higher innovation potential and expectations for profitable innovations

- Risk Management System
- Cyber Security Management

Source Authors' adaptation of Schaltegger et al.

# Sustainability Business Cases

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4. Reputation and brand value	Sustainability as a distinctive element of products/ services	Sustainability as a marketing feature of the Brand	More efficient and sustainable processes increase corporate reputation and brand value	Consideration in sustainability indices and funds
5. Attractiveness	A company's offerings	Information that	Efficient and sustainable processes attract employees	Reduced labor costs
6.	innovations on products/ services	sustainability problems	Efficiency in process and Sustainability management	Higher innovation potential and expectations for profitable innovations

- Integrated Sustainability Reporting and Performance Management
- Responsible Procurement and Ethical Sourcing

Source Authors' adaptation of Schaltegger et al.



# Sustainability Business Cases

Drivers	Product	Customer Interface	Infrastructure Management	Financial Aspect
1. Costs and cost efficiency	More efficient products/ services	Cost-efficient contracting	Increases in processes' efficiency	Reducing production costs
2. Sales and revenues		Partnerships	New activities and/or partnerships that show new market opportunities	Increasing revenues
3. Risk management		Reduced risks	Reduced risks associated with production processes	Lower risk profile
4. Brand value		Marketing	More efficient and sustainable processes increase corporate reputation and brand value	Consideration in sustainability indices and funds
5. Attractiveness as employer	A company's offerings allowing for personal identification to attract employees	Good reputation motivates employees	Efficient and sustainable processes attract employees	Reduced labor costs
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- Health, Safety, and Operational Risk
- Smart Building Management
- Talent Management
- Learning, Skills, and Capabilities Development

Source Authors' adaptation of Schaltegger et al.

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4.		Marketing	More efficient and sustainable processes increase corporate reputation and brand value	Consideration in sustainability indices and funds
5.			Efficient and sustainable processes attract employees	Reduced labor costs
	employees			
6. Innovative capabilities	Unfolding the full Sustainability potential of innovations on products/ services	Innovative products and Services creating solutions to sustainability problems	Efficiency in process and Sustainability management	Higher innovation potential and expectations for profitable innovations

- Material Traceability
- AI in Takeback Management
- Manage Extended Producer Responsibility

Source Authors' adaptation of Schaltegger et al.



# SX SUSTAINABILITY EXPO 2022

มหกรรมด้านความยั่งยืนที่ใหญ่ที่สุดในอาเซียน

แพลตฟอร์มด้านความยั่งยืนจากความร่วมมือของภาครัฐและภาคเอกชนไทยและนานาชาติ

26 Sep-2 Oct 2022  
Queen Sirikit National  
Convention Centre

พลเพื่อ  
ยั่งยืน  
เพื่อโลก

# SX SUSTAINABILITY EXPO 2022

Exploring the ASEAN First-Ever Experiential Journey to Find a New Balance for Yourself and the World

**26 September - 2 October 2022**  
**7 DAYS EXPO AT QSNCC**

2022 THEME  
**Good Balance,  
Better World**

ได้เวลาออกเดินทาง  
หาสมดุลใหม่  
ให้ตัวเองและโลก

Immersive Exhibitions on 4 Areas of Focus:

Climate / Health & Wellbeing / PPP / Collab with Youth

G Floor



**SX2022**  
Sustainability Theme Park

**4 ZONES: SEP INSPIRATION / BETTER ME / BETTER LIVING / BETTER COMMUNITY**



NEW QSNCC  
70,000 SQ.M

Target: 10,000 visitors / Day  
(On-site)



**>B2C2B<**

- More than 50 Organizations joining
- 100 Speakers : Thai & International
- Forum: TALK STAGE / YOUTH STAGE / SX AUDITORIUM
- Collaboration with Youths
- More than 200 shops (online & offline)



**SUSTAINABILITYEXPO.COM**

Online Platform



SX Application



PARTNERS IN 2021



## Sustainability Award The Future Maker



Starting on sustainability today ensures we have a tomorrow. This category recognises the enterprise in SEA currently driving their organisation towards sustainability. These businesses work towards reducing carbon footprint or reducing their impact on the environment, working to cut down on consumption and wastage of resources, or are invested in bettering the lives of their community.

## Most Transformational Award The Game Changer



Recognises mid-to-large enterprises that demonstrate a transformational journey. These are businesses that drive a change management within the complexities of large corporates from different line of businesses, achieving sustainable growth and business performance.

## Most Adaptable Award The Pivot



Recognises organisations that are extremely agile and swift to navigate external factors. These are businesses that seek creative solutions, innovate to carve out new markets for persistent problems and define new markers for themselves, or embrace technology to transform their businesses.

## Emerging Frontier Market Award The Small & Mighty



Recognises organisations that demonstrate an enterprising mindset. These are businesses that drive consistent, significant and sustainable growth, resulting in excellent business performance. At the same time, displaying the capability to scale and expand their operations beyond its current local market(s).

## Best Customer Experience Management The X Factor



Recognises organisations that demonstrate a customer-first approach and mindset. These are businesses that have seamlessly created a customer experience through digital transformation.