



# Certificate in ESG Management Program by SET & Sasin

# Self-paced online learning program

## **M1** Module 1 ESG Fundamentals

- S1** Session 1 Introduction to ESG
- S2** Session 2 ESG Management: Environment
- S3** Session 3 ESG Management: Social
- S4** Session 4 ESG Management: Governance

## **M2** Module 2 ESG Integration Management

- S1** Session 1 ESG Integration Management
- S2** Session 2 Integration - Case Studies

## **M3** Module 3 ESG Disclosure

- S1** Session 1 ESG Disclosure
- S2** Session 2 Data Management
- S3** Session 3 ESG Performance Assessment and Indices

# M3S1

## Module 3 ESG Disclosure Session 1 ESG Disclosure



# Self-paced online learning program



## **M1S1**

Module 1 ESG Fundamentals  
Session 1 Introduction to ESG

## **M1S2**

Module 1 ESG Fundamentals  
Session 2 ESG Management: Environment

## **M1S3**

Module 1 ESG Fundamentals  
Session 3 ESG Management: Social

## **M1S4**

Module 1 ESG Fundamentals  
Session 4 ESG Management: Governance

## **M2S1**

Module 2 ESG Integration Management  
Session 1 ESG Integration Management

## **M2S2**

Module 2 ESG Integration Management  
Session 2 Integration - Case Studies

## **M3S1**

Module 3 ESG Disclosure  
Session 1 ESG Disclosure

## **M3S2**

Module 3 ESG Disclosure  
Session 2 Data Management

## **M3S3**

Module 3 ESG Disclosure  
Session 3 ESG Performance Assessment and Indices



# Learning Objectives

Course Structure	Learning Objectives
Module 3 ESG Disclosure Session 1 ESG Disclosure	
1. ESG Disclosure Fundamentals	The learner will be able to  <b>Explain</b> the importance and fundamental principles of ESG data disclosure, as well as the characteristics of effective ESG data disclosure.
2. ESG Data Disclosure Processes and Performance Management	<b>Describe</b> the data process, starting from understanding disclosure standards, data collection, data verification, report preparation, and publication. Additionally, demonstrate how such data <b>can be leveraged</b> to enhance ESG performance more effectively.
3. Examples of Effective ESG Data Disclosure	Furthermore, be able to <b>explain</b> how to disclose sustainability information efficiently and <b>apply</b> it to their organization, with a focus on publicly listed companies in Thailand across various industries.

# Instructure

## M3S1

Module 3 ESG Disclosure  
Session 1 ESG Disclosure

**Instructor**  
Supakorn Ekachaiphiboon

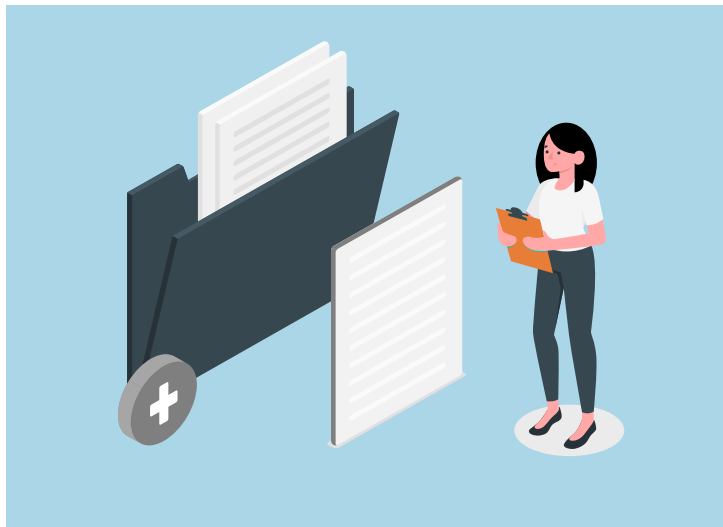


## M3S1

### Module 3 ESG Disclosure Session 1 ESG Disclosure

- 1. ESG Disclosure Fundamentals**
2. ESG Disclosure Processes
3. Reporting Standards

# What is an ESG report?



An ESG report is a document, either in physical or electronic form, that presents information and the company's performance in three key areas:

1. Environmental
2. Social
3. Governance

The report reflects the company's risks, opportunities, and ability to operate in the face of change.

# Mechanisms Driving ESG Reporting

These mechanisms are influenced by changes in the economy, society, and the environment.



## Government Sector

Tax measures and regulations related to sustainability disclosure



## Financial Sector

Consideration of sustainability conditions in financial and investment products



## Social Sector

Stakeholder concerns about social and environmental impacts

# ESG Reporting Landscape in the Global Context

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## California Climate Law

*Applicable to companies in the state of California*

**Scope:** All companies in the state of California

**Disclosure:** Climate-related risks and GHG emissions, including fines or disputes related to these issues

**Assurance requirements:** Mandatory assurance of GHG Scope 1 & 2 data

## US SEC Requirements

*Applicable to investors and securities issuers in the US*

**Scope:** Securities Issuers in the US

**Disclosure:** Climate-related risks and GHG emissions, including fines or disputes related to these issues

**Assurance requirements:** Mandatory assurance of GHG Scope 1 & 2 data



## Sustainability Reporting Practices

*Applicable to listed companies in China*

**Scope:** Listed companies in China, starting from 2025

**Disclosure:** Detailed information on climate change management, energy use, supply chain, circular economy, and biodiversity

**Assurance requirements:** Voluntary assurance of data

## Sustainability Reporting Requirements Corporate Sustainability Reporting Directive (CSRD)

*Applicable to companies in the European Union (EU)*

**Scope:** All companies within the EU, including those with operations in the EU

**Disclosure:** Mandatory disclosure covering environmental, social, and governance (ESG) aspects, including the identification of ESG risks

**Assurance requirements:** ESG data in specific areas must be verified.

## EU Taxonomy

*A framework for sustainable investment*

**Scope:** Large businesses with significant investments

**Disclosure:** Required to report on performance indicators specified in the EU Taxonomy.

**Assurance requirements:** Verification is mandatory for material ESG data relevant to business operations.



## ISSB Reporting Standards

*Focus on investment information*

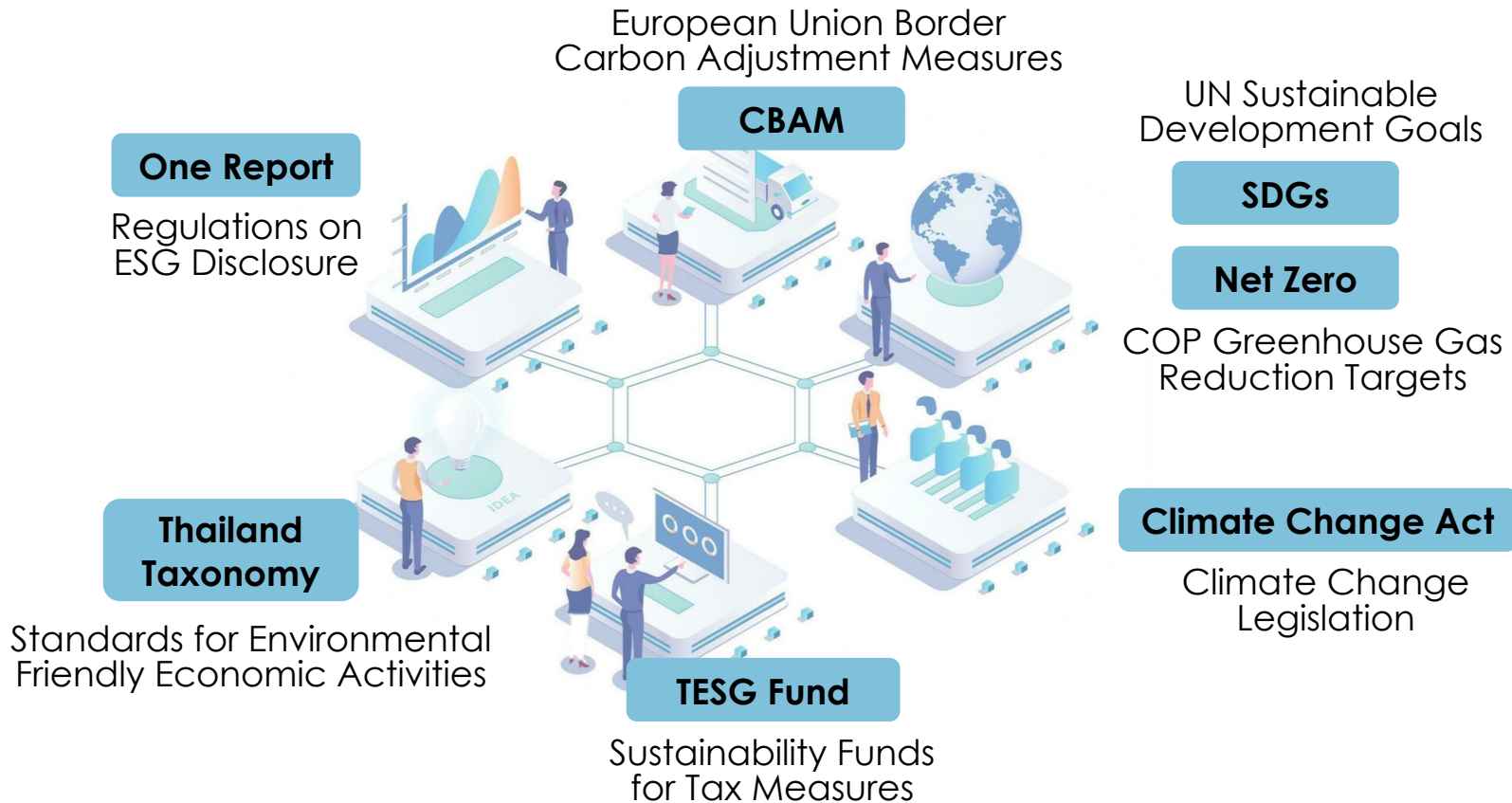
**Scope:** Depends on the regulations of each country  
**Disclosure:** Information reflecting environmental and social opportunities and risks, which can be compared with financial data and climate risks by industry.

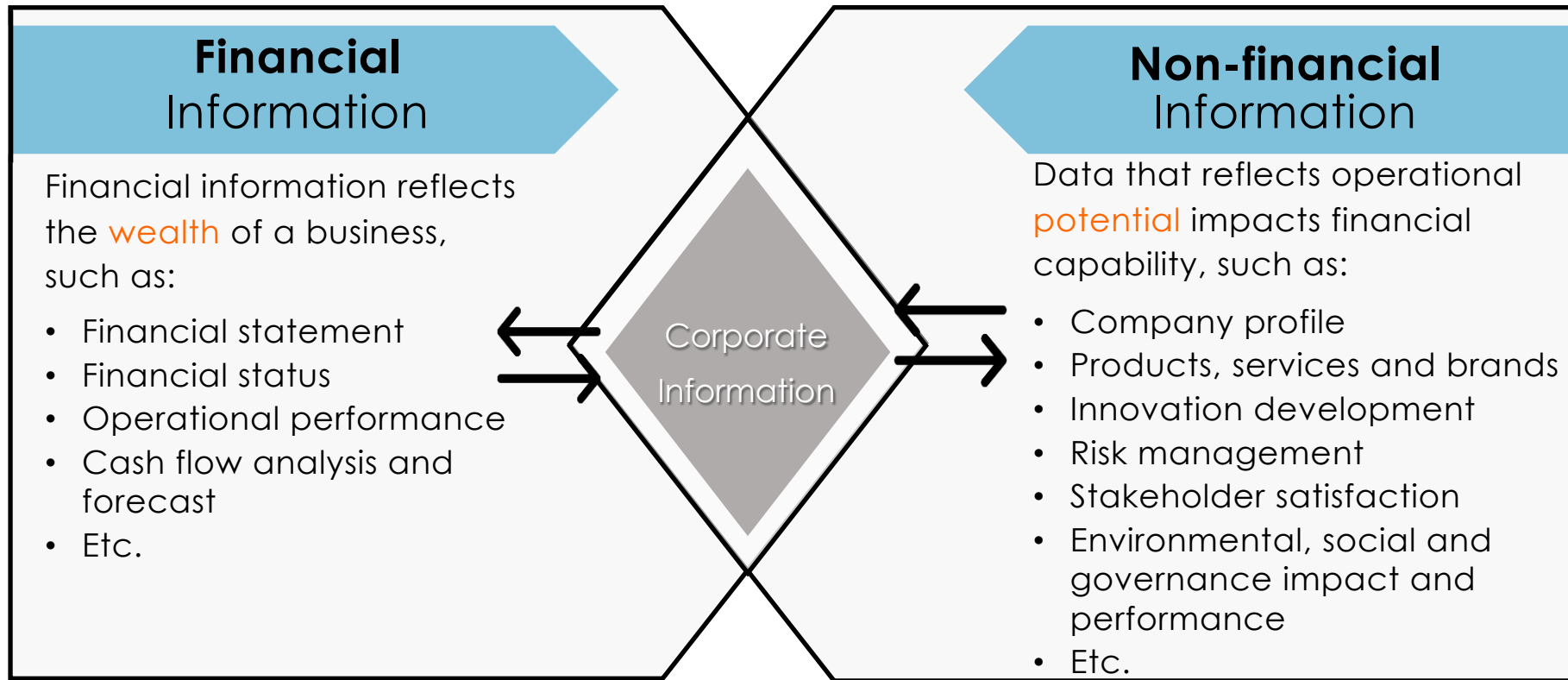
**Assurance requirements:** Not mandatory



# Factors Driving ESG Reporting in Thailand

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# ESG Reporting for Businesses

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Financial  
Information

## Examples of ESG Information for Businesses

### Environment

- Energy management (electricity/fuel)
- Resource management (water/waste and by-products)
- Greenhouse gas management

### Social

- Employee care and development
- Responsibility towards customers/consumers
- Responsibility towards communities/society

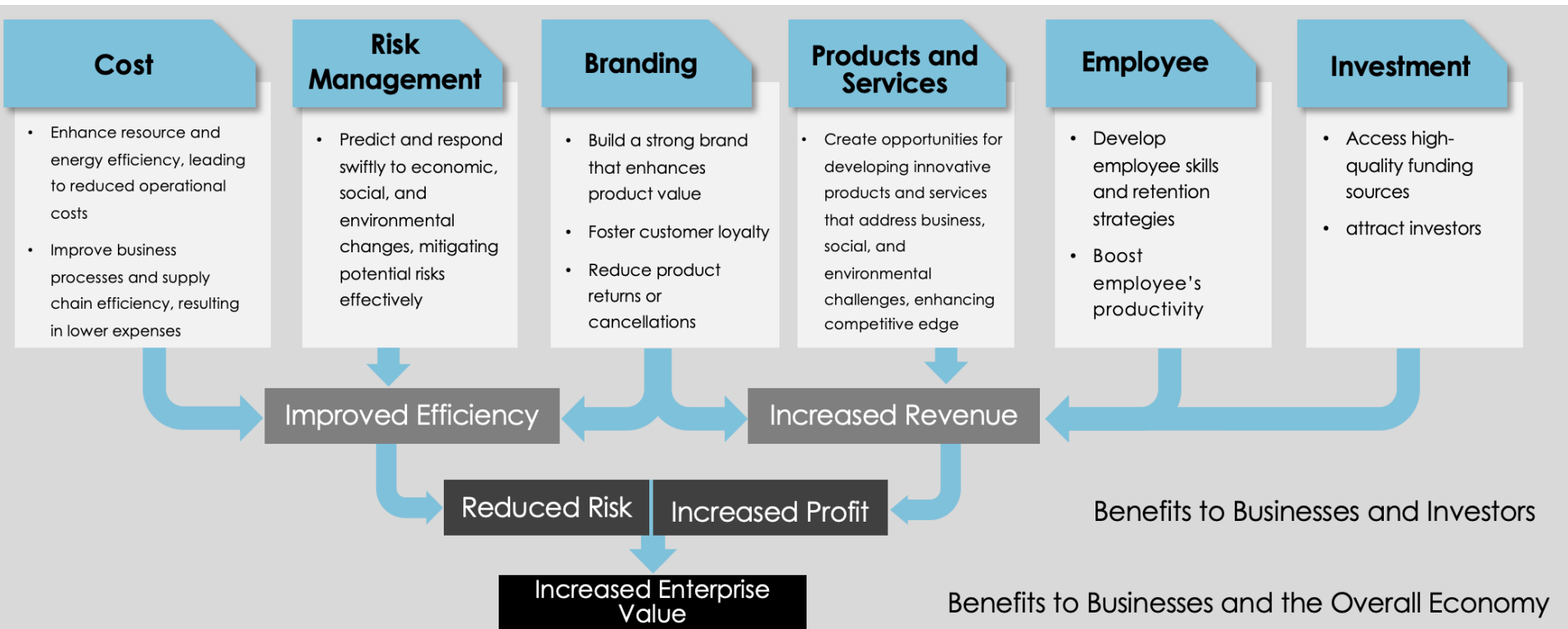
### Governance

- Effective corporate governance and internal controls
- Risk management covering environmental and social issues
- Supply chain management considering environmental and social impacts

Costs, risks,  
and  
opportunities  
of the business

# Benefits of ESG Reporting

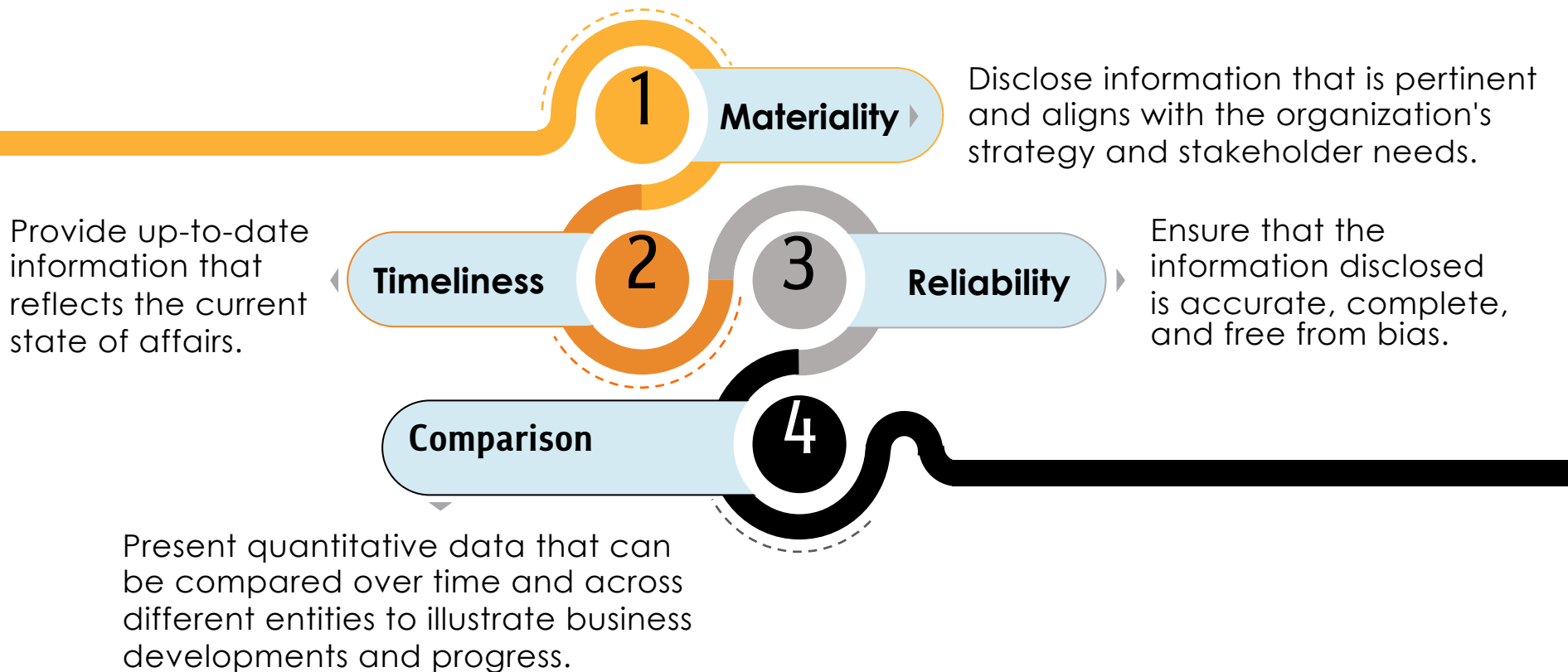
14



Developed from R. Gerlash, "Connected Business as a Driver for Sustainable Innovation", mm1, 2015.

# Principles of ESG Reporting

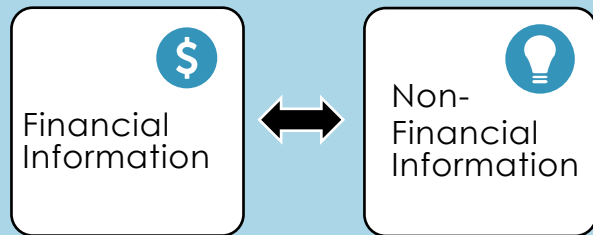
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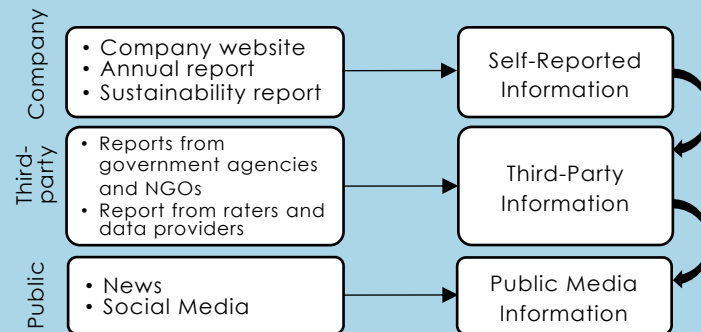
# Overview of ESG Reporting

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## Types of Sustainability Information

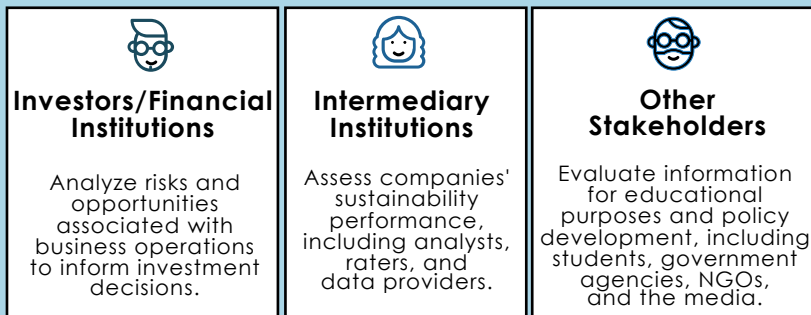


## Channels for Disseminating Sustainability Information

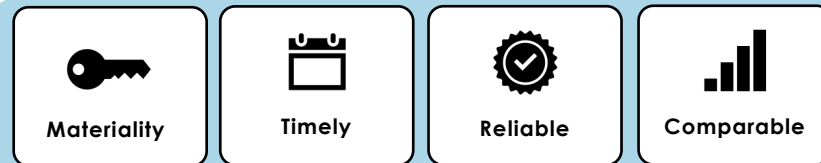


## ESG Reporting

## Users of Sustainability Information



## Principles of Reporting Sustainability Information





## M3S1

### Module 3 ESG Disclosure Session 1 ESG Disclosure

1. ESG Disclosure Fundamentals
- 2. ESG Disclosure Processes**
3. Reporting Standards

# Guidelines for Developing a Sustainable Business

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## 1 Understand the Business      2 Establish Policies      3 Develop Strategies      4 Implement      5 Disclose Information

### Study the Organizational Context

- Understand the value chain of the business.
- Analyze the risks and opportunities associated with the business.

### Identify Stakeholders

- Analyze the impacts and expectations of stakeholders.

### Analyze Material Issues

- Identify and prioritize issues related to the business's sustainability operations.

### Set Commitments

- Define sustainability policies and goals that align with the organization's strategy and stakeholder expectations.

### Assign Responsibilities

- Designate departments or individuals responsible for coordinating and monitoring the company's sustainability efforts.

### Define Strategies

- Establish systematic sustainability strategies and practices, ensuring engagement with all stakeholder groups.

### Develop Plans

- Plan and develop sustainability projects that align with the organization's strategy.
- Define success metrics for the projects.

### Execute the Plan

- Implement the plans, communicate effectively, and engage continuously with stakeholders.

### Evaluate Performance

- Monitor and collect sustainability data, and regularly assess performance to inform improvements and further development.

### Report Information

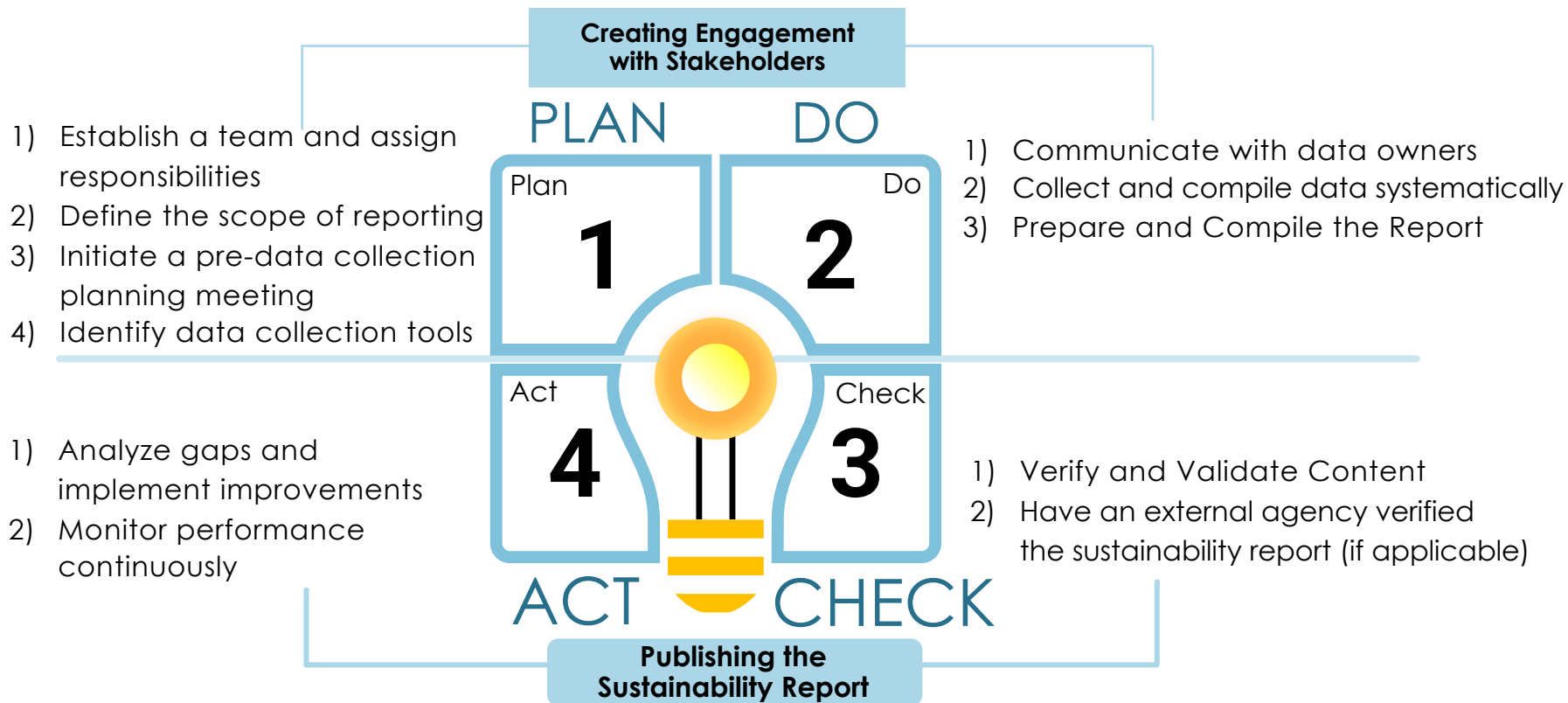
- Continuously report performance outcomes to stakeholders.

### Review

- Review areas for development or improvement to enhance the effectiveness of business management.

# Preparing for ESG Reporting

The preparation of ESG reports is a collective responsibility within the organization.



# Components of ESG Reporting

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Scope of ESG Reporting



Components of ESG Reporting



## PART 1

Organizational  
Basic  
Information

- 1) Business Description
- 2) Value Chain
- 3) Stakeholders



## PART 2

Sustainability  
Policies and  
Strategies

- 1) Sustainability Policies and Goals
- 2) Key Sustainability Issues
- 3) Management of Key Sustainability Issues



## PART 3

Sustainability  
Performance

- 1) Management Outcomes of Key ESG Issues With Performance Indicators

# ESG Reporting Indicators

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- ESG performance indicators reflect the level of effectiveness, risks, and opportunities associated with business management.
- These indicators help companies maintain sustainability reporting standards, ensuring the quality of information is adequate for business and investment decision-making.

# Components of ESG Indicators

ESG indicators are composed of 2 parts:

1

## Key Sustainability Issues

Clearly define the meaning, scope, objectives, and supporting action plans for each key sustainability issue.



## Indicators or KPIs

Indicators are structured data in two types:

- Numeric data  
Information that can be calculated as numbers.
- Character data  
Information that cannot be calculated but can be categorized, such as gender, education level, status (presence or absence), etc.

2



# Determining ESG Indicators

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1

**Key  
Sustainability  
Issues**



2

**Indicators or  
KPIs**



## Example: Energy Management

Objective	To use energy efficiently and effectively, including electricity and fuel oil from business operations.		
Plan	Manage to reduce and use electricity efficiently	Manage fuel oil to reduce and use fuel oil effectively	
Indicators	Amount of electricity used	Ratio of electricity consumption to sales (Intensity)	Amount of fuel oil used for travel
Units of Measurement	Kilowatt-hours	Kilowatt-hours per sales	Liters
Types of Data	Numeric data	Numeric data	Numeric data



## Reporting Tip

- Indicators should align with the management of key sustainability issues.
- Indicators must consider the feasibility of achieving the goals set by the company.
- Indicators should be approved by management and data-owning units and comply with accepted standards.

## Example: Energy Management

Objective	To use energy efficiently and effectively, including electricity and fuel oil from business operations.		
Plan	Manage to reduce and use electricity efficiently	Manage fuel oil to reduce and use fuel oil effectively	
Indicators	Amount of electricity used	Ratio of electricity consumption to sales (Intensity)	Amount of fuel oil used for travel
Units of Measurement	Kilowatt-hours	Kilowatt-hours per sales	Liters
Types of Data	Numeric data	Numeric data	Numeric data

### Results from Sustainability Indicators

Companies should consider the results from sustainability indicators in their business decisions as follows:

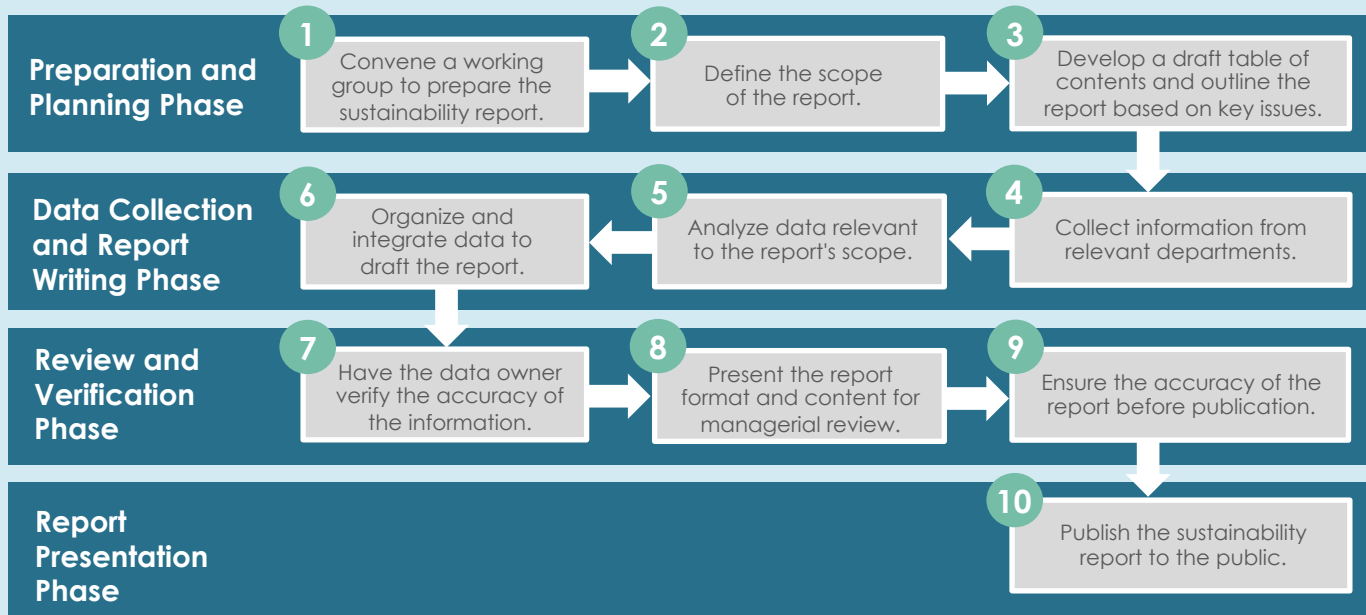
- Continuously improve and develop plans to comprehensively address the company's material sustainability issues.
- Communicate to stakeholders the progress of performance according to the indicators to compare progress against the goals set by the company.

- Data on **electricity and/or fuel consumption** indicates the organization's energy usage trends over the years. If a company shows a continuous increase in energy consumption while the rate of business expansion or growth remains stable, this reflects higher energy costs for the company.

- Data on **electricity consumption per unit of sales** represents the ratio of energy usage to financial outcomes. It reflects the efficiency and cost-effectiveness of energy use relative to the company's business expansion or growth.

# ESG Reporting Process

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# Guidelines for Presenting ESG Reports

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## Report Writing Techniques

- Write concisely, capturing key points effectively.
- Focus on comprehensive content rather than length.
- Use clear language accessible to all reader groups.
- Avoid technical jargon.
- Define technical terms when necessary.
- Ensure coherence and alignment of content throughout the report.

## Data Presentation Techniques

- Design a report theme that is easily interpretable, not overly abstract, and reflects the organization's identity.
- Utilize diverse media to enhance engagement, such as infographics, images, numerical data, text, tables, and charts.
- Leverage new media technologies for interactive engagement with readers.

## Data Dissemination Channels

### Online



- Website
- Social media
- Email
- Digital platforms of relevant organizations

### Offline

- Print publications or media
- Company's communications materials for clients or investors



# Example of ESG Report Presentation

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SCBx Sustainability Report 2023

SCB<sup>x</sup> รายงานความยั่งยืน 2566

ภาพรวม  
รายงานฉบับพิเศษ  
แนวคิดพื้นฐาน  
สังคมแห่งโอกาส  
เศรษฐกิจเพื่ออนาคต  
สภาพภูมิอากาศที่ยั่งยืน  
รากฐานความยั่งยืน  
FACTBOOK

## กรอบยุทธศาสตร์ด้านความยั่งยืน

ด้วยตระหนักในทุกก้าวแห่งความรับผิดชอบและเชื่อในพลังแห่งการสร้างสรรค์ร่วม เป้าหมายของกลุ่มเอสซีบี เอกซ์ จึงใช้เพียงการเป็นหนึ่งใจองค์กรที่ยั่งยืนที่สุด หากยังมุ่งผลักดันโอกาสและทุกความเป็นไปได้ที่สนับสนุนให้ลูกค้าสามารถก้าวผ่านทุกการเปลี่ยนแปลงและเชื่อให้ทุกคนดำรงชีวิตอย่างมีคุณค่าภายใต้สิ่งแวดล้อมและระบบนิเวศที่สมดุล ผ่านการขับเคลื่อนกรอบยุทธศาสตร์ 4 เสาหลัก 'เมล็ดพันธุ์ดิจิทัล สังคมแห่งโอกาส เศรษฐกิจเพื่ออนาคต และภูมิอากาศที่ยั่งยืน' ภายใต้พันธกิจ 'ทุกคนมีโอกาส ก้าวหน้าเป็นไปไม่ได้ (Opportunities for Everyone, Possibilities Everyday)'

5 ปีที่ผ่านมา  
เอสซีบี เอกซ์

พันธกิจด้านความยั่งยืน

ความท้าทาย

ระบบนิเวศที่ยั่งยืน  
และเป็นนาย  
เป็นทางสู่  
ด้านความยั่งยืน

พื้นฐานความยั่งยืน

SDGs ที่เกี่ยวข้อง

### กลุ่มเทคโนโลยีทางการเงินระดับภูมิภาคที่น่าตื่นเต้นที่สุด

OPPORTUNITIES FOR EVERYONE, POSSIBILITIES EVERYDAY

สนับสนุนทุกภาคส่วนในการเร่งรัดการเปลี่ยนแปลงสภาพภูมิอากาศ และสร้างระบบนิเวศการเงินที่ทั่วถึงสำหรับทุกคน ผ่านการผลักดันศักยภาพของเทคโนโลยีและนวัตกรรม

เทคโนโลยีเปลี่ยนโลก	ความเหลื่อมล้ำรายได้	วิกฤตสิ่งแวดล้อม	
<p><b>เมล็ดพันธุ์ดิจิทัล</b> เราปลูกเมล็ดพันธุ์ดิจิทัลเพื่ออนาคต</p> <ul style="list-style-type: none"><li>โซลูชันและความปลอดภัยทางดิจิทัล</li><li>ทักษะดิจิทัลเพื่ออนาคต</li></ul>	<p><b>สังคมแห่งโอกาส</b> เราช่วยผู้คนเพื่อคุณภาพชีวิตที่ยั่งยืน</p> <ul style="list-style-type: none"><li>บริการทางการเงินและดิจิทัลอย่างทั่วถึง</li><li>พลังเสริมธุรกิจและคนตัวเล็ก</li></ul>	<p><b>เศรษฐกิจเพื่ออนาคต</b> เรากระตุ้นการเติบโตทางเศรษฐกิจที่ยั่งยืนของภูมิภาค</p> <ul style="list-style-type: none"><li>การเงินที่ยั่งยืน</li></ul>	<p><b>สภาพภูมิอากาศที่ยั่งยืน</b> เราขับเคลื่อนชุมชนปรับตัว ยืนหยัดกับการเปลี่ยนแปลงสภาพภูมิอากาศ</p> <ul style="list-style-type: none"><li>การปล่อยก๊าซเรือนกระจกสุทธิเป็นศูนย์และเทคโนโลยียั่งยืนเพื่อโลก</li><li>ประสิทธิภาพเชิงนิเวศเศรษฐกิจ</li></ul>

การกำกับดูแล การบริหารความเสี่ยง และ การปฏิบัติตามกฎระเบียบ	บุคลากรและวัฒนธรรมองค์กร	สิทธิมนุษยชน
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# Example of ESG Report Presentation

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Executive Summary of the 2022 Sustainability Report for Indorama Ventures Public Company Limited





# Example of ESG Report Presentation

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Sustainability Development Report 2023  
for Thai Wah Public Company Limited

 การพัฒนา โรงงานและ ชุมชนสีเขียว	ผลการดำเนินงาน	SDG
	การลดปริมาณการปล่อยก๊าซเรือนกระจก ขอบเขต 1 และ 2 ลดลง 30% จากปี 2564	 
	การใช้ไฟฟ้าที่ผลิตโดยพลังงานหมุนเวียน (Renewable energy) คิดเป็น 31% ของการใช้ไฟฟ้าทั้งหมด	
	การใช้น้ำ ลดลง 462 ล้านลิตร	
	น้ำที่ผ่านการบำบัด โดยคิดเป็นเปอร์เซ็นต์ของน้ำ ที่ผ่านการใช้งาน อยู่ที่ 100%	
	อัตราความถี่การบาดเจ็บถึงขั้นหยุดงาน (LTIFR) อยู่ที่ 5.6	
 การพัฒนาอาหาร และผลิตภัณฑ์	ผลการดำเนินงาน	SDG
	การใช้จ่ายด้านการวิจัยและพัฒนา เพิ่มขึ้น 4.8 ล้านบาท เป็น 41.1 ล้านบาท	
	จำนวนผลิตภัณฑ์ธุรกิจแบ่งที่ต่อสุขภาพ 42 SKU	
	การใช้บรรจุภัณฑ์พลาสติกสำหรับผลิตภัณฑ์อาหาร ลดลง 5.7 ตัน	
	การใช้บรรจุภัณฑ์ Green Carton และการปรับแนวทาง การบรรจุผลิตภัณฑ์ ทำให้การใช้ปริมาณกระดาษลดลง 129 ตัน	

## M3S1

### Module 3 ESG Disclosure Session 1 ESG Disclosure

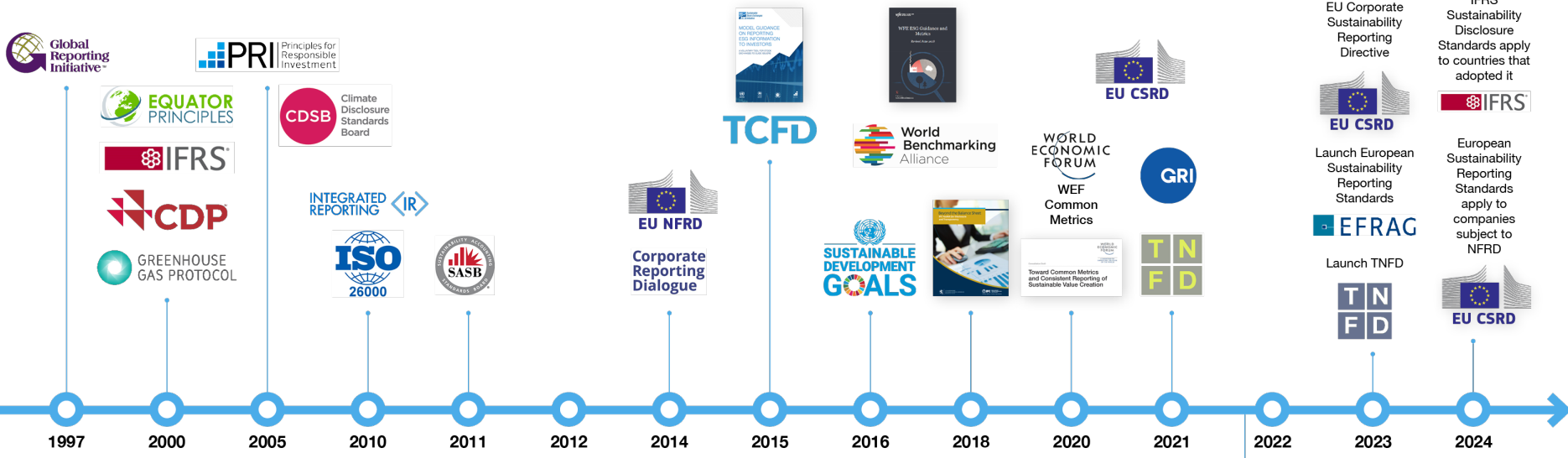
1. ESG Disclosure Fundamentals
2. ESG Disclosure Processes
- 3. Reporting Standards**

# Promoting Global ESG Reporting Standards

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Data from the International Finance Corporation (IFC) indicates a diverse range of ESG reporting standards. This has led to efforts to establish a unified standard that can be adopted globally, namely, the IFRS reporting framework.



# Promoting Global ESG Reporting Standards

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## Local Requirements and Guidelines

### 56-1 One Report

**Stakeholders:** Investors

**Disclosure:** Detailed information on climate change management, human rights, and corporate governance

**Assurance requirements:** Mandatory verification of GHG data for Scope 1 & 2

### SET Sustainability Reporting Guide

**Stakeholders:** All stakeholder groups

**Disclosure:** Information on environmental, social, and governance (ESG) metrics aligned with One Report and stakeholder information needs

## International Standards

### IFRS Reporting Standards

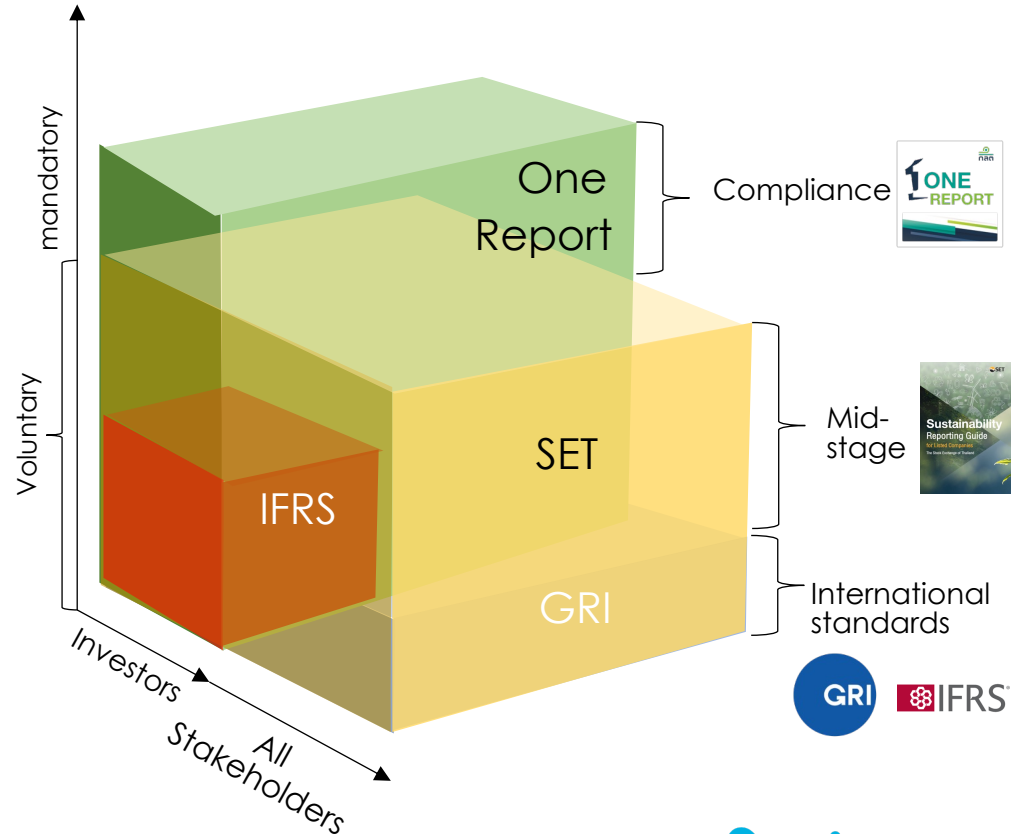
**Stakeholders:** Investors

**Disclosure:** Information reflecting environmental and social opportunities and risks, which can be compared with financial data and climate risk reports by industry

### GRI Standards

**Stakeholders:** All stakeholder groups

**Disclosure:** Information on environmental, social, and governance (ESG) performance and metrics, aligning with global stakeholder expectations



# 56-1 One Report

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## What is One Report?

Annual report forms/annual reports submitted to the SEC require listed companies to disclose information to the public within the specified timeframe.



**Form 56-1**

Annual report form to be submitted within 3 months from the end of the accounting period.



**Form 56-2**

To be submitted with the invitation to the shareholders' meeting, but no later than 4 months from the end of the accounting period.



**One Report**

Annual report form to be submitted within 3 months from the end of the accounting period.



### Consolidation

Combining Form 56-1 and Form 56-2 into a single report. Some information is posted on the website to reduce the burden of preparing multiple documents.



### Enhancement

Updating information to reflect current situations and user needs, particularly regarding sustainability data that should demonstrate value creation along the business value chain.

## Preparation

### Communication and Education

2020

Announced the One Report disclosure criteria and provided communication and education to stakeholders.

### Promotion of One Report Use

2021

Companies could voluntarily disclose their 2020 annual performance data using the One Report format.

### Companies Reporting One Report

2020

Companies disclosed their 2021 annual performance data using the One Report format.

# Form 56-1 One Report

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## Structure of Form 56-1 (Previous Version)

Part 1: Business Operations	
1	Policies and Overview of Business Operations
2	Nature of Business Operations
3	Risks
4	Assets Used in Business Operations
5	Legal Disputes
6	General Information and Other Key Data
Part 2: Management and Corporate Governance	
7	Securities and Shareholders Information
8	Management Structure
9	Corporate Governance
10	CSR
11	Internal Controls and Risk Management
12	Related Party Transactions
Part 3: Financial Position and Performance	
13	Key Financial Information
14	Management Discussion and Analysis (MD&A)

## Structure of One Report

Part 1: Business Operations and Performance	
1	Group Structure and Operations
2	Risk Management
3	Driving Business for Sustainability
4	Management Discussion and Analysis (MD&A)
5	General Information and Other Key Data (Disputes, Auditor Compensation)
Part 2: Corporate Governance	
6	Corporate Governance Policies
7	Corporate Governance Structure and Key Information about the Board, Subcommittees, Executives, Employees, and Others
8	Key Corporate Governance Performance Reports
9	Internal Controls and Related Party Transactions
Part 3: Financial Statements	

# Sustainability Reporting Guidelines for Listed Companies<sup>35</sup>





# SET Sustainability Reporting Guide

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## Sustainability Indicators

in the Sustainability Reporting Guide for Listed Companies by the Stock Exchange

### Fundamental Sustainability Issues



#### Environmental

1. Policies and adherence to environmental management standards
2. Energy management
3. Water management
4. Waste and disposal management
5. Greenhouse gas management

27 Indicators



#### Social

1. Human rights
2. Fair labor practices
3. Responsibility towards customers/ consumers
4. Responsibility towards communities/ society

39 Indicators



#### Governance

1. Policies, structures, and systems of corporate governance
2. Sustainability policies and strategies
3. Management of sustainability risks
4. Sustainable supply chain management
5. Innovation development

56 Indicators

122 Indicators



# IFRS: International ESG Reporting Standards



The International Financial Reporting Standards (IFRS) Foundation sets the framework and develops international standards for accounting and financial reporting.

**Accounting Standards**

**IASB**

Accounting Standards

**ESG Standards**

**ISSB**

Sustainability Disclosure Standards

## ISSB Standards

S1



Disclose ESG-related risks and opportunities linked to the nature of the business and financial information.

S2



Disclose climate-related risks and opportunities connected to the nature of the business and financial information.

## Reporting Components

## Examples of Reporting

S1

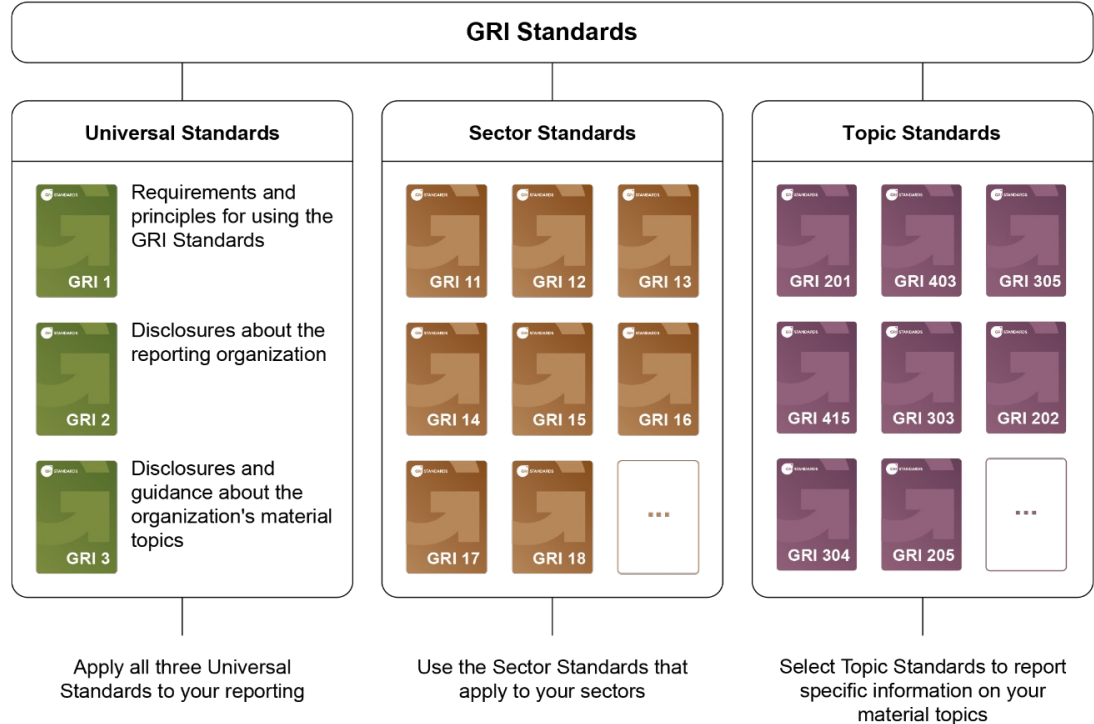
S2

Governance	Structure and Governance Systems for ESG	Structure and Governance Systems for Climate Change
Strategy	ESG Strategy and Management Plans	Short-term, Medium-term, and Long-term Climate Change Management Strategies and Plans
Risk Management	Risk Issues and ESG Impact Management Measures	Risk Issues and Impact Management Measures for Climate Change
Goals and Metrics	ESG Goals and Quantitative Metrics	Goals and Greenhouse Gas Management Data

# GRI: International ESG Reporting Standards

## GRI

The Global Reporting Initiative (GRI) is an independent international standard-setting organization that enables businesses, governments, and other organizations to understand and communicate their impacts on various issues such as climate change, human rights, social, environmental, and governance matters. The reporting framework provided by the GRI Standards ensures a comprehensive approach to disclosing ESG (Environmental, Social, and Governance) performance, promoting transparency and accountability on a global scale.



You have successfully completed  
Module 3, Session 1.

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