




Thailand Securities Depository

# Recognition of global investment trends

*Present to ACG25*

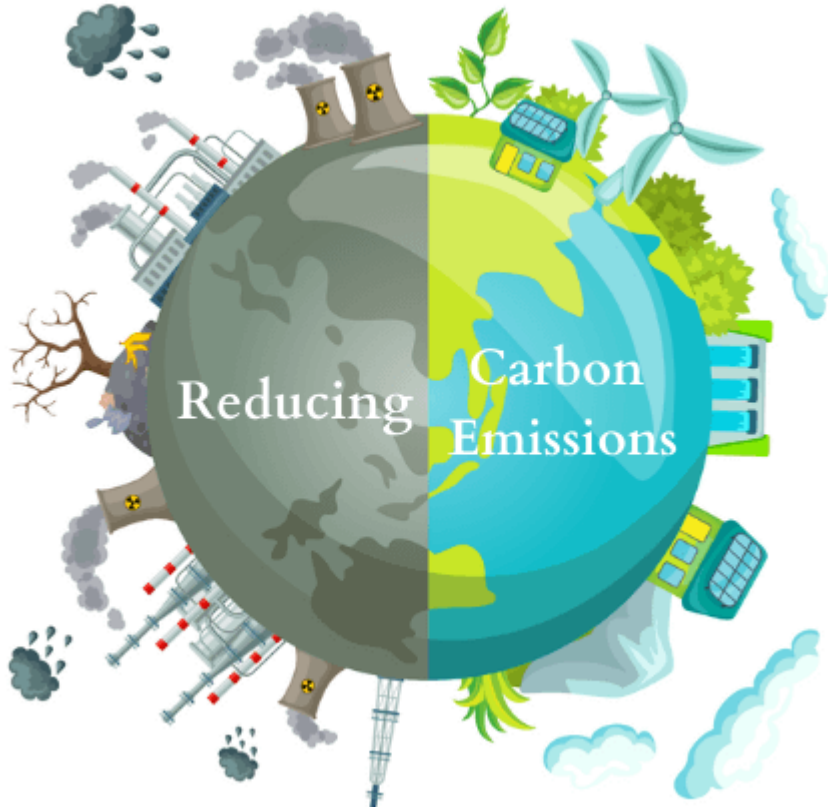
*19<sup>th</sup> October 2023*

# AGENDA

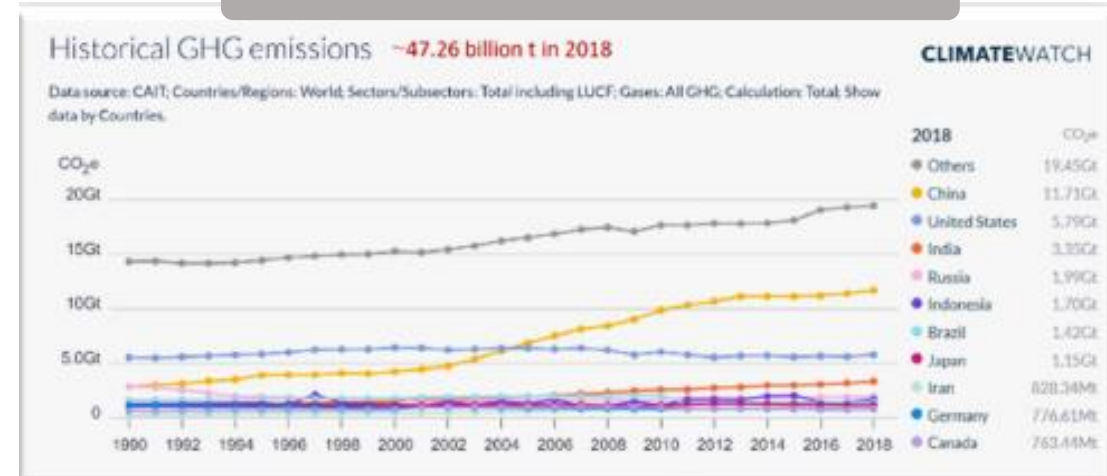
- 
- 1 Climate change situation in Thailand and how to respond?
  - 2 How the Stock Exchange of Thailand incorporates ESG principles
  - 3 TSD e-Services in attaining ESG requirements

# 1. Climate change situation in Thailand and how to respond?

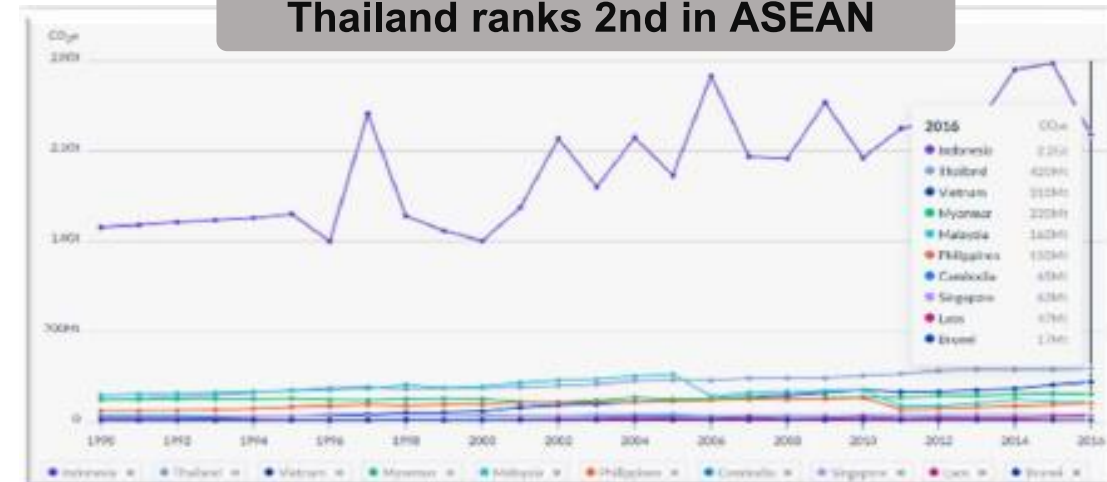
How much greenhouse gas emissions  
does Thailand emit?



Thailand ranks 20th in the world

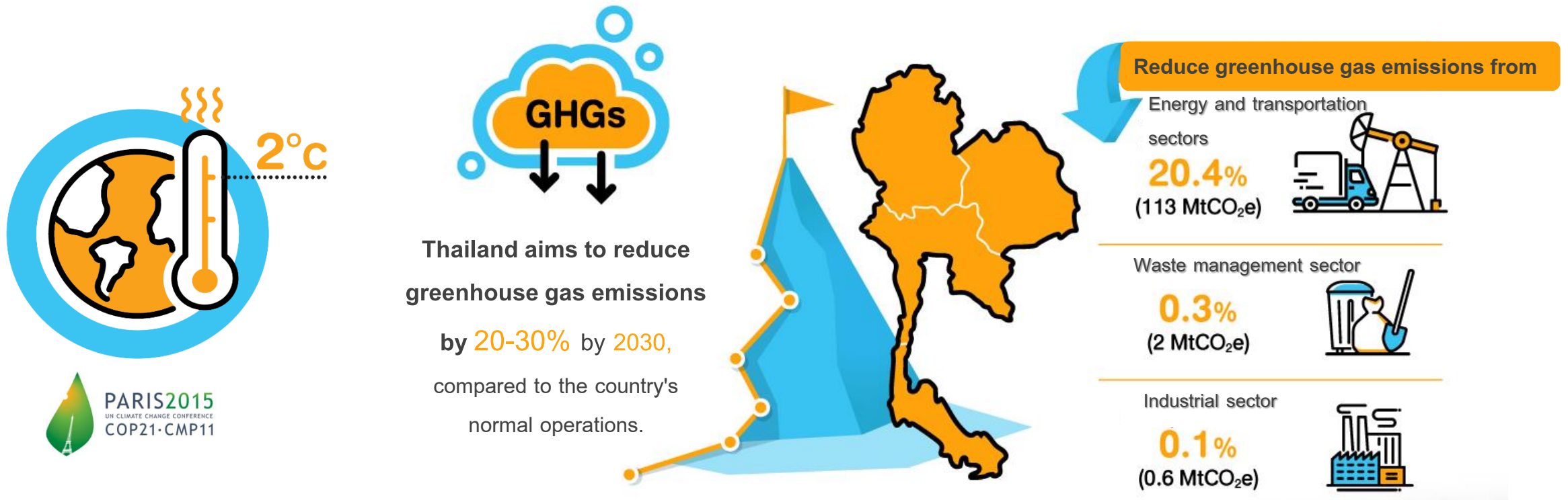


Thailand ranks 2nd in ASEAN




# 1. Climate change situation in Thailand and how to respond?

At 26th United Nations Framework Convention on Climate Change Conference of the Parties (UNFCCC COP26) in Glasgow, Thailand committed to reach carbon neutrality by 2050 and net zero GHG emissions by 2065.





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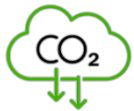
## 2. How the Stock Exchange of Thailand incorporates ESG principles

### Low Carbon Organization

SET Committed to reducing greenhouse gas emissions in the business process



Comply with environmental laws



Reducing greenhouse gas emissions



### Green Building

World standard green building  
Certified by Leadership in Energy and Environmental Design (LEED)



Promote green sourcing



Communicate and raise environmental awareness





# Climate Care Collaboration Platform



## CARE THE BEAR

Collaborative platform for reducing greenhouse gas emissions from various activities



404 Organizations



Reducing greenhouse gases  
21,034.27 CO<sub>2</sub>e



Equivalent to planting  
2,337,141 trees



## CARE THE WHALE

Collaborative platform for reducing greenhouse gas emissions from waste classification from the beginning



60 Organizations



Amount of waste managed  
11,606,767.10 kg,



Reducing greenhouse gases  
38,246.03 CO<sub>2</sub>e



Equivalent to planting  
4,249,558 trees



## CARE THE WILD

Collaborative platform for protecting the environment from the beginning through afforestation and forest protection.



86 Organizations



12 reforestation areas  
387.51 rai  
78,000 trees



## 2. How the Stock Exchange of Thailand incorporates ESG principles

### Sustainable Investment

is an investment concept that takes into account environmental, social and governance operations.

(Environmental, Social and Governance: ESG) of the business , together with investment decisions, along with the analysis of business financial data to generate long-term returns and create a positive impact or reduce negative impacts on society and the environment



**THSI**

### Thailand Sustainability Investment (THSI) “Creating Sustainable Investment Opportunities”

The Stock Exchange of Thailand created the Thailand Sustainability Investment (THSI) list in 2015, which comprises of the listed companies that conduct sustainable business operations. The listed companies on the THSI continuously create long-term returns by valuing their responsibility to society (Social) and the environment (Environmental), and by managing their business with transparency, in line with corporate governance principles (Governance).

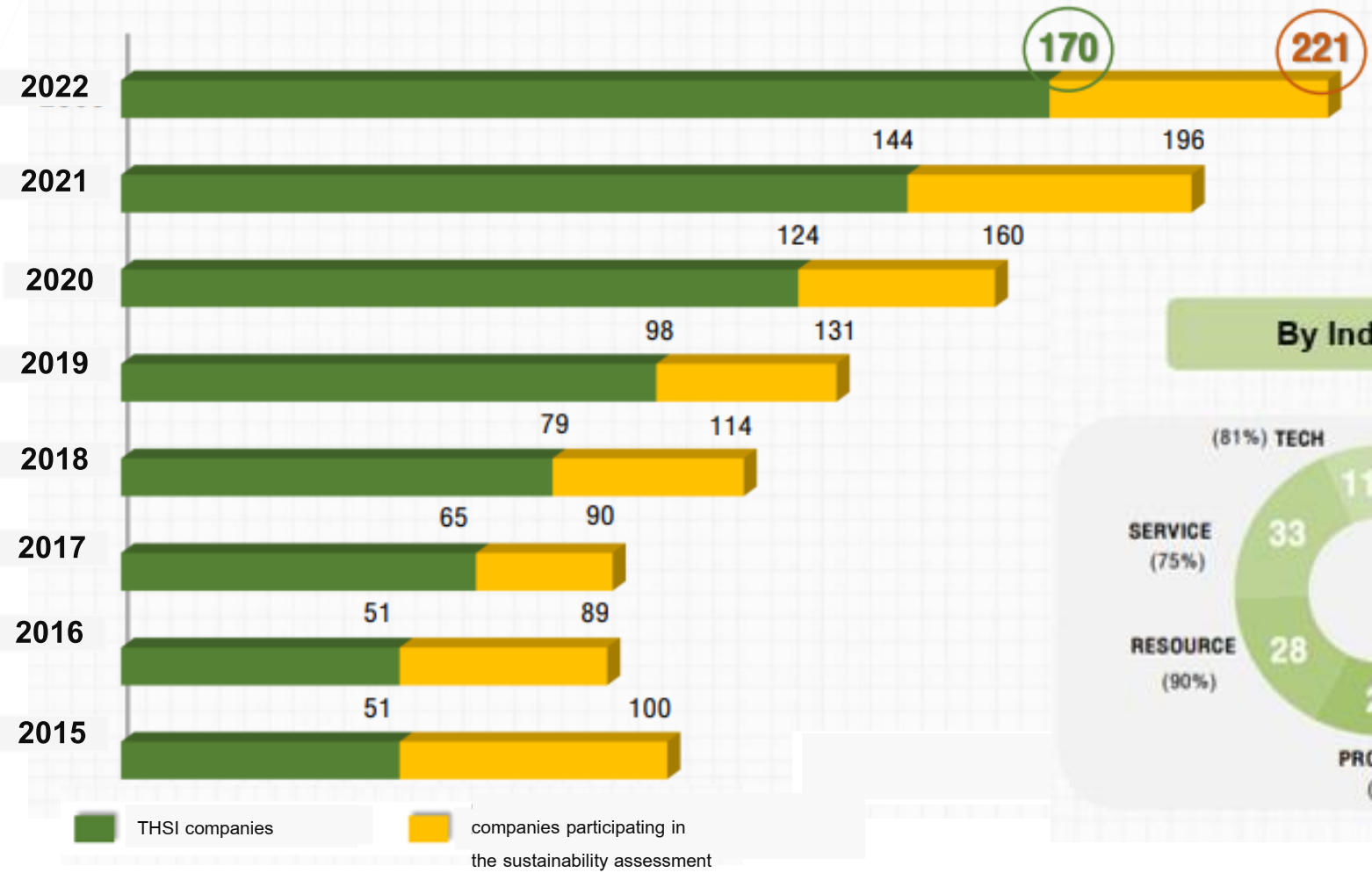


## 2. How the Stock Exchange of Thailand incorporates ESG principles

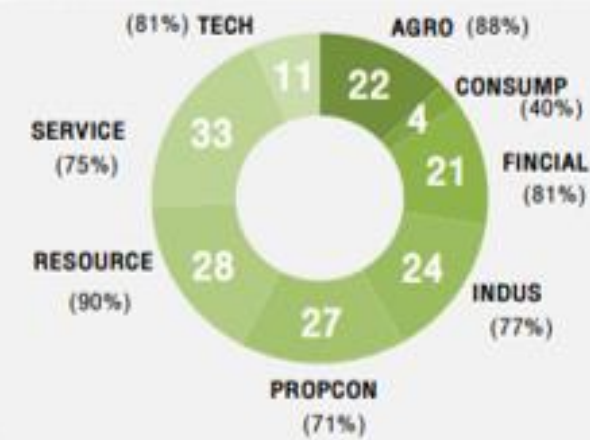


### Thailand Sustainability Investment (THSI) Year 2022

Number of THSI companies and companies participating in the sustainability assessment



### By Industrial



Mkt cap 14 trillion baht or 72% of the total Mkt cap of The Stock Exchange of Thailand

## 2. How the Stock Exchange of Thailand incorporates ESG principles

### SET THSI Index

An index that reflects the price movements of securities of listed companies that operate sustainably.

Opportunity to earn long-term returns in sustainable stocks

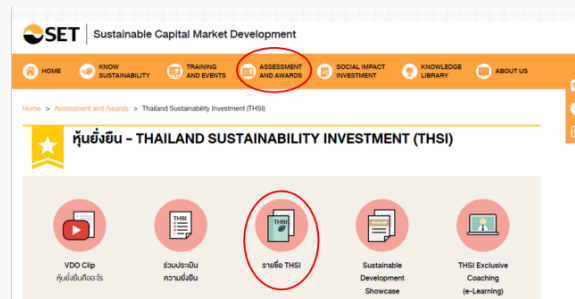


Suitable for investors who are interested in investing in sustainable environmental, social, and corporate governance (ESG).



It is an option for those who want to receive long-term, sustainable returns.

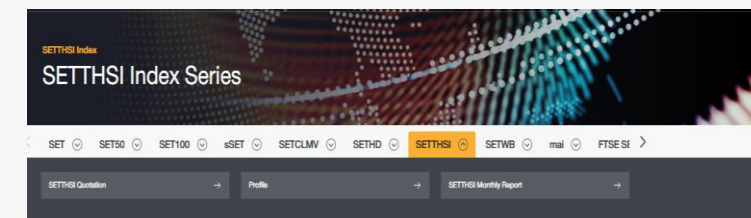
[www.setsustainability.com](http://www.setsustainability.com)



Update the annual THSI list in **October** of every year

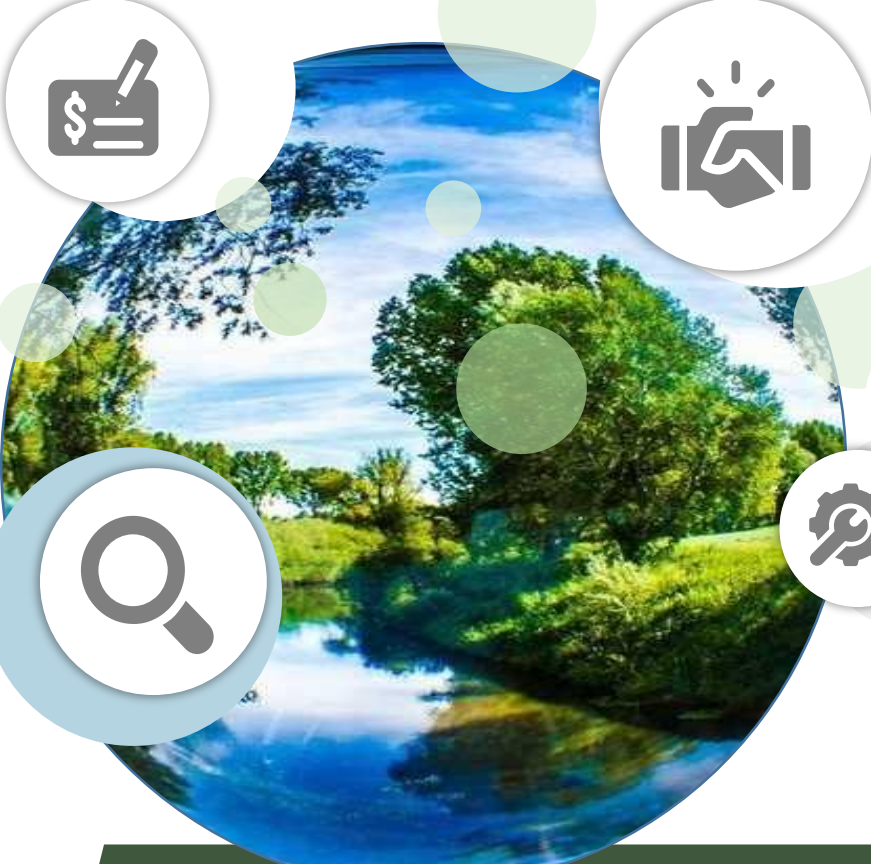


[www.set.or.th](http://www.set.or.th)



Update the annual THSI list in **January and July** of every year

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### 3. TSD e-Services in attaining ESG requirements



## Issuers

SET / MAI / LiVEx / Non-List

Entitlement for all CA

Maintain the Register Book



**Investors**





### 3. TSD e-Services in attaining ESG requirements



## TSD e-Services

### e-Document



### e-Dividend



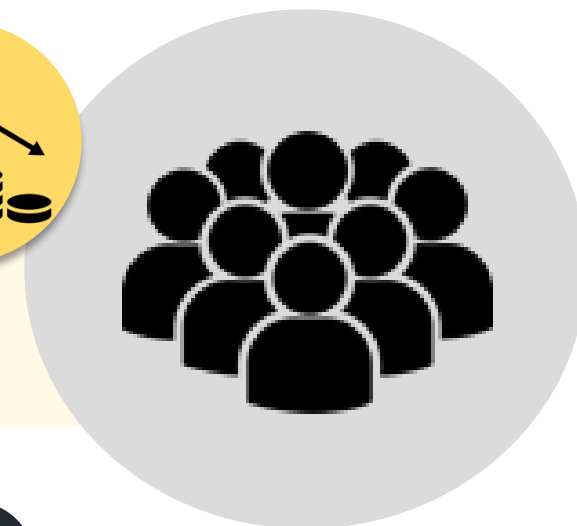
### e-Donation



### e-Transferring

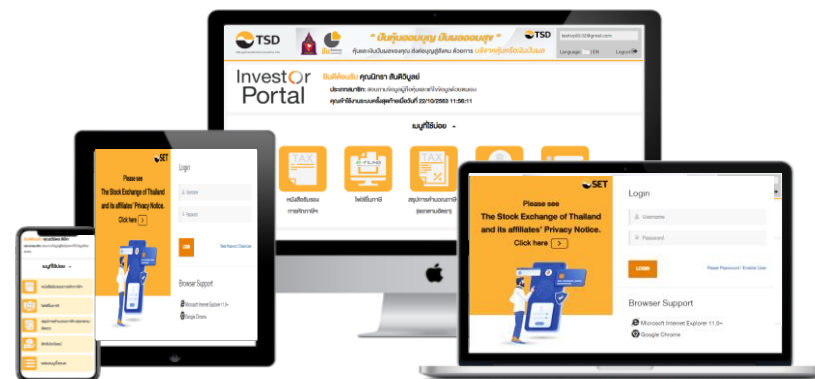


### e-Proxy Voting



- Paperless
- Reduce Time and Cost
- Straight through process

## Issuer Portal and Investor Portal



### 3. TSD e-Services in attaining ESG requirements



## InvestOr Portal

#### All time all devices



Download "SET App"  
via iOS and Android



#### Receive right & benefit information via email

- XM, XD, XR, XI, XP, XB

#### View and Print Report

- Withholding Tax Certificate
- Benefit Payment and withholding Tax Summary
- Withholding Tax Summary by Tax Rate
- Statement of Outstanding Balance (Issuer Account)
- Confirmation of Securities Holding

#### Inquiry Information

- Securities Holder Information
- Securities Holding (Scrip & Issuer Acct.)
- Rights & Benefits
- Subscription Rights
- Document via Mail
- Returned document request
- Details for subscription for right issued/exercise/others

#### Tracking transaction

- Edit Securities Holder Information
- Issuance of new securities certificates
- Issuance of new cheques
- e-Donation

#### Edit Securities Holder Information

- Mailing Address
- e-Dividend

#### Download Dividend Tax Data / sent Data via API to e-Filing system



### 3. TSD e-Services in attaining ESG requirements



Self Transferring Securities from  
Issuer account to Client account  
at broker via electronic channel

#### e-Transferring



proceed **proxy voting** via  
electronic channel

#### e-Proxy Voting



#### e-Dividend



Payment of dividends/interest/other  
cash benefits **to a bank account**

#### e-Donation



Donate securities and dividends  
earned from any securities to charity

#### e-Document



Document delivery service or  
various reports in electronic  
data format (PDF) **via e-mail**

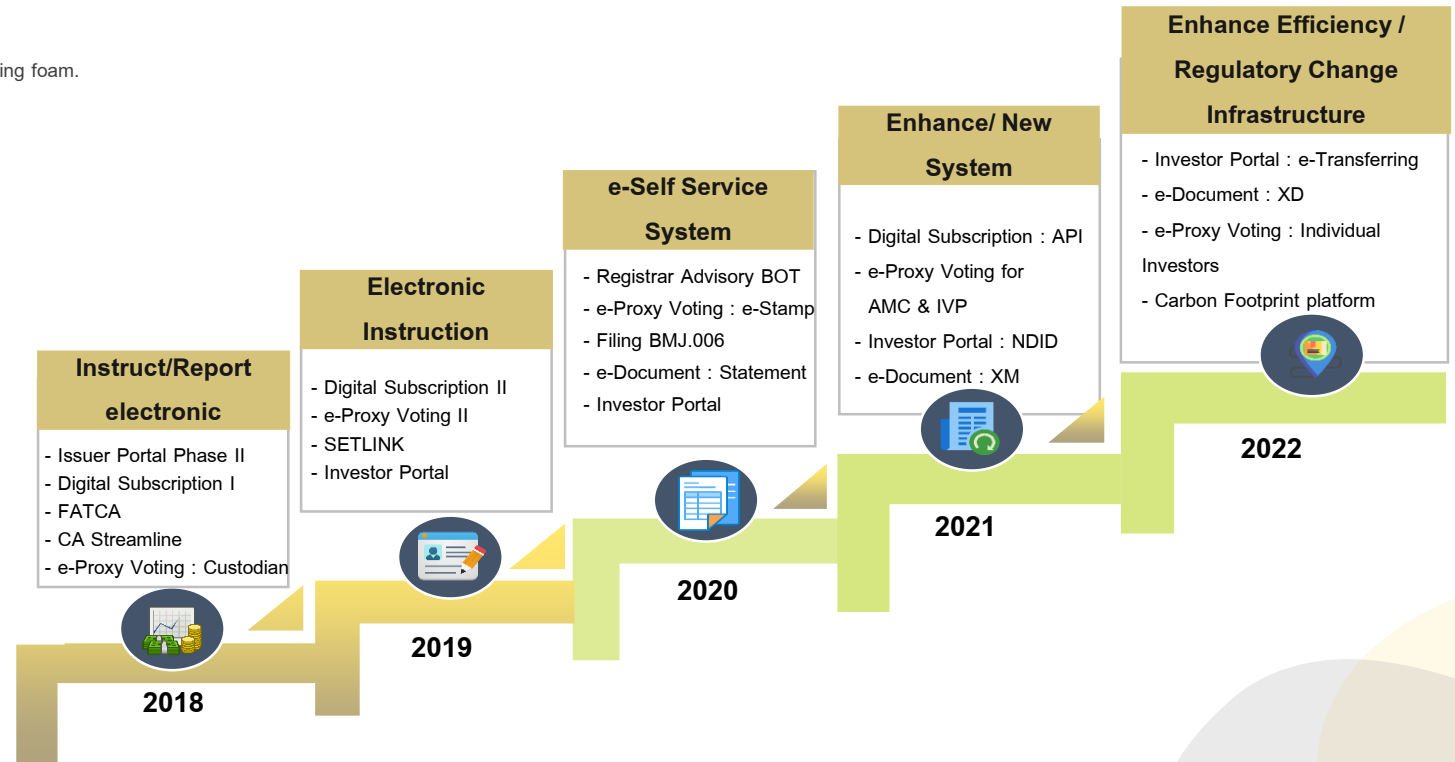
### 3. TSD e-Services in attaining ESG requirements

#### 6 Cares Principle



#### Paperless (Reduce paper)

TSD operations have changed the service model to be more environmentally friendly. The document is prepared in a digital format (e-Report) instead of printing a paper report as following details:





### 3. TSD e-Services in attaining ESG requirements

## Benefits

### Benefits from participating in the project



Calculate and measure the amount of greenhouse gas reduction immediately



Performance results are presented in the Annual Report or 56-1 One Report



The performance can be used to apply for a LESS certificate from the Greenhouse Gas Management Organization



Enhance employees' awareness of environmental protection

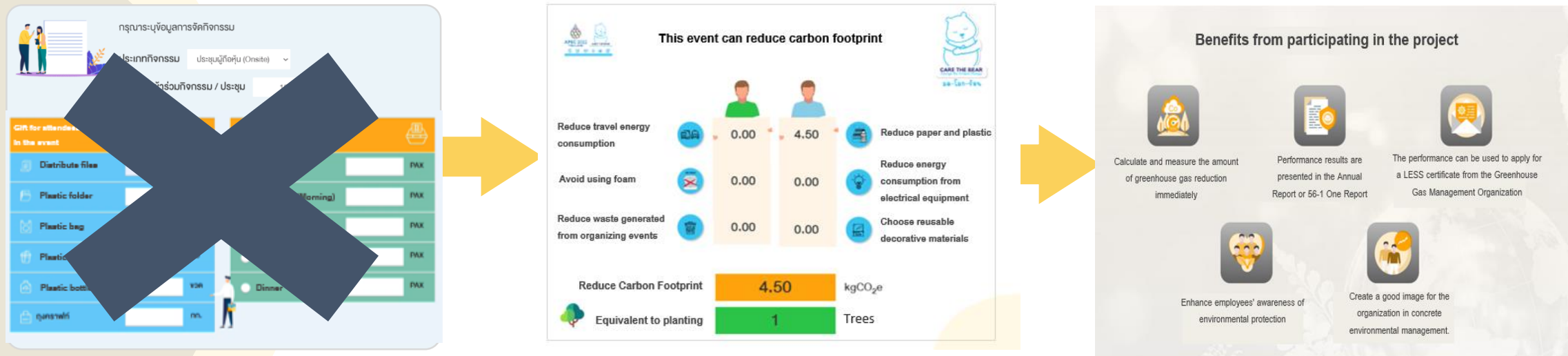


Create a good image for the organization in concrete environmental management.



### 3. TSD e-Services in attaining ESG requirements

Members participating in the project must manually enter information into the platform so the system will calculate the amount of Carbon Footprint that can be reduced.



TSD provides data on reduced paper usage resulting from the transition to electronic formats to the Care the Bear platform.





Q&A

