

Partnership to Strengthen Transparency for co-Innovation (PaSTI)

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1. Cooperation with ASEAN countries

Japan ASEAN Climate Change Action Agenda 2.0 (ASEAN Summit, Oct 2022)

“Japan ASEAN Climate Change Agenda” was developed in 2017 based on Japan ASEAN Environmental Cooperation Initiative.

As the program supporting ASEAN toward decarbonization, 3 pillars for cooperation have been recognized.

PaSTI is a flagship project for Transparency pillar.



Transparency

Partnership to Strengthen
Transparency for
co-Innovation(PaSTI)

Adaptation

Adaptation Platform (AP-PLAT)

Mitigation

Joint Crediting Mechanism

2. Momentum for decarbonization and the PaSTI



ASEAN Countries

Paris Agreement

- NDC updates with higher ambition
- CN/Net Zero in 2050-2065
(Pledge at COP26)

Domestic legislation

Sector-level mitigation/reporting

- Targets by line ministries, reporting to Coordination Committee on Climate

Facility-level MRV

- Mandate the private sector reporting
- Some mitigation planning requirement.

ASEAN as a group

Paris Agreement

- Coordinated action in ASEAN for contribution
- Mainstreaming CC in ASEAN integration

Promoting implementation

Various mitigation program

- JCM, LTS with AIM Model

Guidelines on Facility-level MRV

- Harmonized reporting system by ASEAN members
- ASEAN Integration and carbon pricing

PaSTI Cooperation

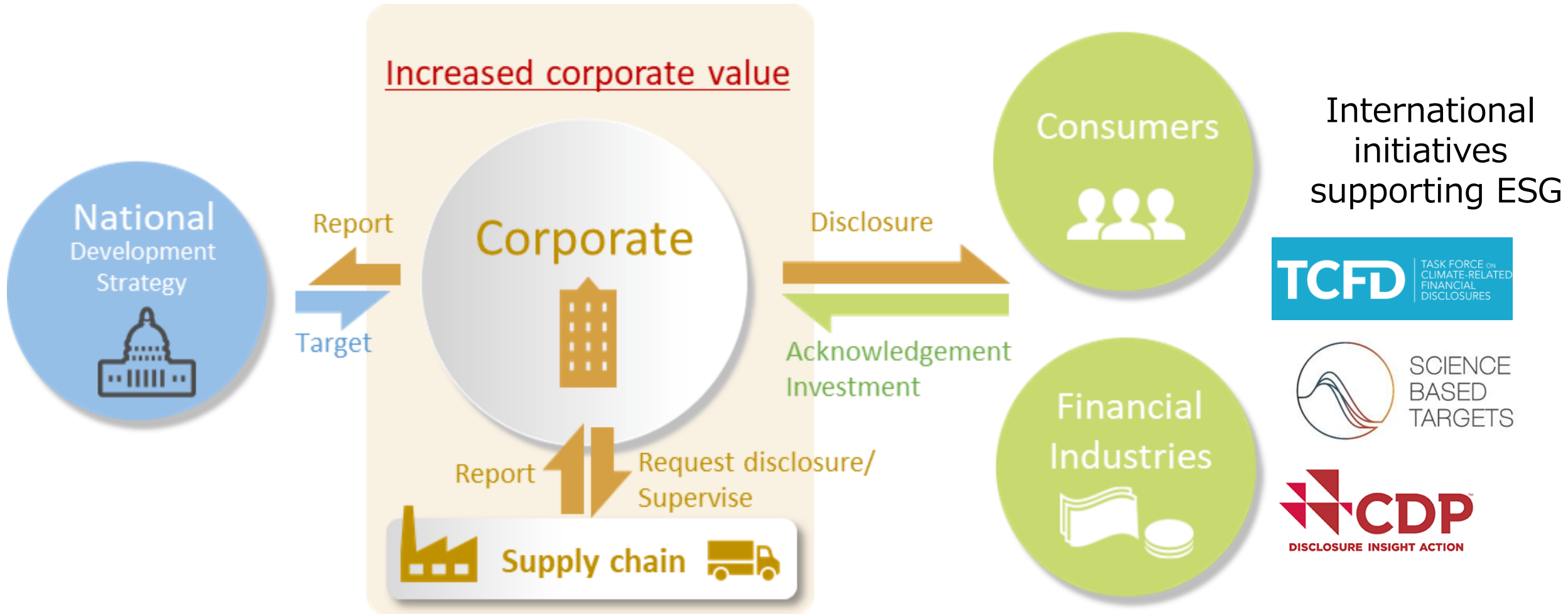
Japan's GHG Accounting & Reporting System

Japan's decarbonizing technologies and service

ASEAN Guidelines development

Incentives through ESG investment

GHG emission Measurement and Reporting



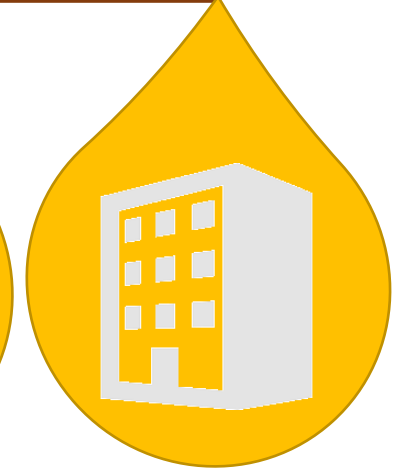
Objectives of the PaSTI



Mainstreaming transparency activities by the private sector



ESG Investment



Corporate value Improvement etc.

Institutional development

Capacity building

The PaSTI promotes transparency of the private sectors which leads to ESG investments and increasing the competitiveness of companies in the global market.

Bilateral cooperation under the PaSTI project



<Organizing capacity building workshops for private sector in each country>



<Development of sheet to auto-calculate GHG emissions>

Incineration					CH4			N2O		
Waste Type	Amount (Ton)	EF	Unit	CO2 emission (Ton)	EF	Unit	CH4 emission (Ton)	EF	Unit	N2O emission (Ton)
1 MSW	100	1.56	TonCO2/Ton MSW	156.171	0.0000002	TonCH4/Ton MSW	0.000	0.000047	TonN2O/Ton MSW	0.005
2 RDF	30	1.9987	TonCO2/Ton RDF	59.961	0.0000002	TonCH4/Ton RDF	0.000	0.000047	TonN2O/Ton RDF	0.001
3 Rubber	23	0.49	TonCO2/Ton Rubber	11.301	0.0000002	TonCH4/Ton Rubber	0.000		TonN2O/Ton Rubber	0.000
4 Rubber Tire	32	1.52	Ton CO2/Ton Tire* JP guideline	48.640	#N/A	Ton CH4/Ton Rubber			Ton N2O/Ton Rubber	0.000
5 Plastic	2	2.75	TonCO2/Ton Plastic	5.500	0.0000002	TonCH4/Ton Plastic	0.000	0.00017	TonN2O/Ton Plastic	0.000
6 Waste oil(1000L)	3	3.033	Ton CO2/1000 Litre waste oil	9.099				0.0000098	TonN2O/Ton waste oil	0.000
7 Sawdust	3	1.2096	Ton CO2/Ton sawdust	3.629				0.000001	TonN2O/Ton Paper waste	0.000
8 Synthetic Fiber	2	2.29	TonCO2/Ton waste	4.580						
9 Waste rubber tire	3	0.49	TonCO2/Ton waste	1.470						
10 Industrial plastic w	2	2.75	TonCO2/Ton waste	5.500						
11 Plastic waste in MS	3	1.56	TonCO2/Ton waste	4.680						

Input Data

Thank you for your attention!



The PaSTI Secretariat

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WEB: <https://www.oecc.or.jp/en/pasti/index.html>