

Thailand

General Information

Summary	<p>Status: ETS under consideration</p> <p>Jurisdictions:</p> <p>The ‘12th National Economic and Social Development Plan (2017-2021)’ of Thailand calls for several climate change mitigation measures, including the development of a domestic carbon market. The ‘National Climate Change Master Plan (2015-2050)’ also refers to carbon markets as a potential mechanism to reduce GHG emissions in the private sector. Most recently, the ‘National Reform Plan (2018)’ mandates the Thai government to develop an economic instrument, such as a cap-and-trade system, to incentivize the private sector to reduce emissions. The specific instrument will be considered as part of the policy and legislative process following the formulation of the framework ‘Climate Change Act,’ which is expected to be proposed for Cabinet consideration in 2021.</p> <p>Since 2013, Thailand Greenhouse Gas Management Organization (Public Organization) (TGO) has developed an MRV system and basic trading infrastructures under the Thailand Voluntary Emissions Trading Scheme (Thailand V-ETS). The first three-year pilot phase (2015-2017) of this voluntary pilot program aimed at: testing the MRV system for four GHG-intensive industrial sectors (cement, pulp and paper, iron and steel, and petrochemical); setting a cap for facilities’ direct and energy-related indirect emissions; and testing allocation methods by granting allowances to covered facilities. The second pilot phase (2018-2020) further tested the MRV system, the registry and trading platform, with five additional industrial sectors (petroleum refinery, glass, plastic, food and feed, and ceramics). Like in the previous phase, allocation was tested, with allowances granted to each sector according to their GHG reporting and target-setting results. Trading was also practiced on the demonstration-version of the trading platform.</p> <p>In 2020, MRV was developed for another three sectors (beverage and sugar, textiles, and flat glass) and additional sector-specific guidelines were developed and improved. Furthermore, many capacity-building and outreach activities were held, to introduce the ETS concept to various stakeholders.</p> <p>In 2021, TGO—in collaboration with its partner the Eastern Economic Corridor Initiative (Department of Industrial Promotion, Industrial Estate Authority of Thailand)—is developing a strategic plan for ETS implementation in Thailand’s Eastern Economic Corridor region. Under this plan, a pilot ETS will be implemented, including key ETS features and a trading platform.</p> <p>In addition, under the Thailand PMR Program, TGO has conducted a study on the appropriate formulation of legislation for a mandatory ETS. In 2020, TGO submitted a proposal for the draft ‘greenhouse gas reporting law for designated factories and buildings’ for consideration at the policy level.</p>						
Year in Review	No information available yet.						
Overall GHG emissions (excluding LULUCF)	Emissions: 392.27 MtCO ₂ e (2016)						
Overall GHG emissions by sector (in MtCO ₂)	<table border="1"> <thead> <tr> <th>Sector Name</th> <th>MtCO₂e</th> </tr> </thead> <tbody> <tr> <td>Energy (excl. transportation) (197.8)</td> <td>197.8</td> </tr> <tr> <td>Transport (69.1)</td> <td>69.1</td> </tr> </tbody> </table>	Sector Name	MtCO ₂ e	Energy (excl. transportation) (197.8)	197.8	Transport (69.1)	69.1
Sector Name	MtCO ₂ e						
Energy (excl. transportation) (197.8)	197.8						
Transport (69.1)	69.1						

	Sector Name	MtCO ₂ e
	Industrial Processes (45.6)	45.6
	Agriculture (63.9)	63.9
	Waste (12.6)	12.6
GHG reduction target	BY 2030: 20% reduction compared to BAU (unconditional NDC); 25% reduction compared to BAU contingent on adequate and enhanced support (conditional NDC)	
Carbon Price	<i>Current Allowance Price (per t/CO₂e):</i> No information available yet.	

ETS Size

Covered emissions	No information available yet.
GHGs covered	No information available yet.
Sectors and thresholds	No information available yet.
Point of regulation	No information available yet.
Number of entities	No information available yet.
Cap	No information available yet.

Phases & Allocation

Trading periods	No information available yet.
Allocation	No information available yet.

Flexibility

Banking and borrowing	No information available yet.
Offsets and credits	No information available yet.
Market Stability Provisions	No information available yet.

Compliance

Compliance Period	No information available yet.
Monitoring, Reporting, Verification (MRV)	No information available yet.
Enforcement	No information available yet.

Linking

Links with other systems	No information available yet.
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Other Information

Institutions involved	Thailand Greenhouse Gas Management Organization (Public Organization)
Evaluation / ETS review	No information available yet.
Revenue	No information available yet.
Implementing Legislation	12th National Economic and Social Development Plan (2017-2021) National Reform Plan

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