



Status Update of Carbon Pricing in Thailand

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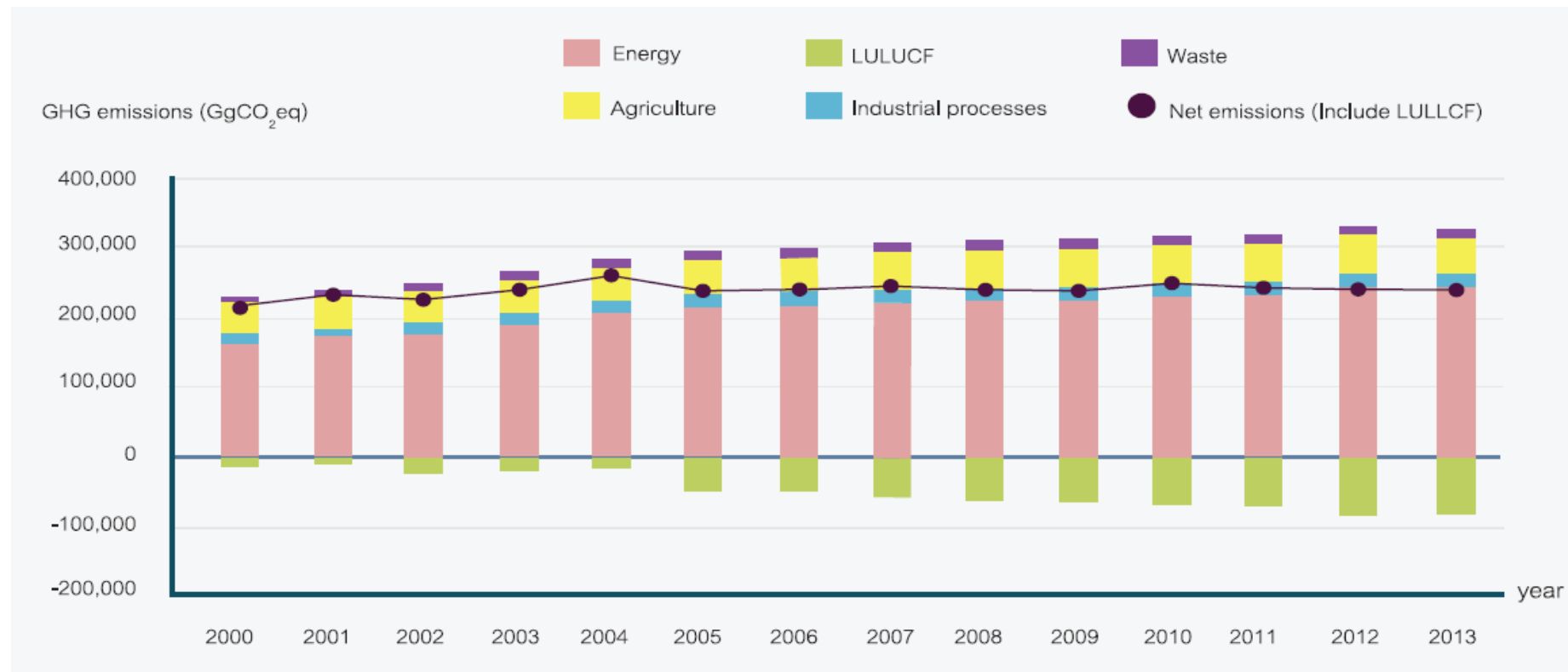
Thailand Greenhouse Gas Management Organization (Public Organization)



Trends of Thailand's GHG Emissions/Removals: 2000-2013

Total GHG emissions (2013) = 318.662 MtCO₂e
Net GHG emissions (2013) = 232.56 MtCO₂e

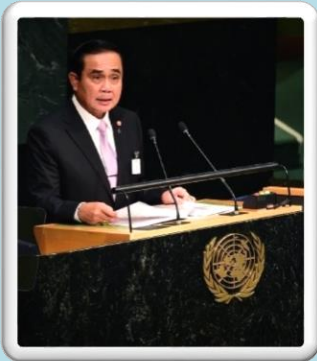
Source: Thailand 2nd BUR, Dec 2017



□ Total GHG emissions (exclude LULUCF) from 2000 to 2013 has been increased from 226.1 M tCO₂e to 318.7 M tCO₂e.

□ With the inclusion of the LULUCF sector, the net emission in 2013 increased by 8.63% when compared with the net emission in 2000.

Thailand's NDC



“Thailand intends to reduce its greenhouse gas emissions by 20% from the projected business-as-usual (BAU) level by 2030. The level of contribution could increase up to 25%, subject to adequate and enhanced [support] through a balanced and ambitious global agreement [...]”

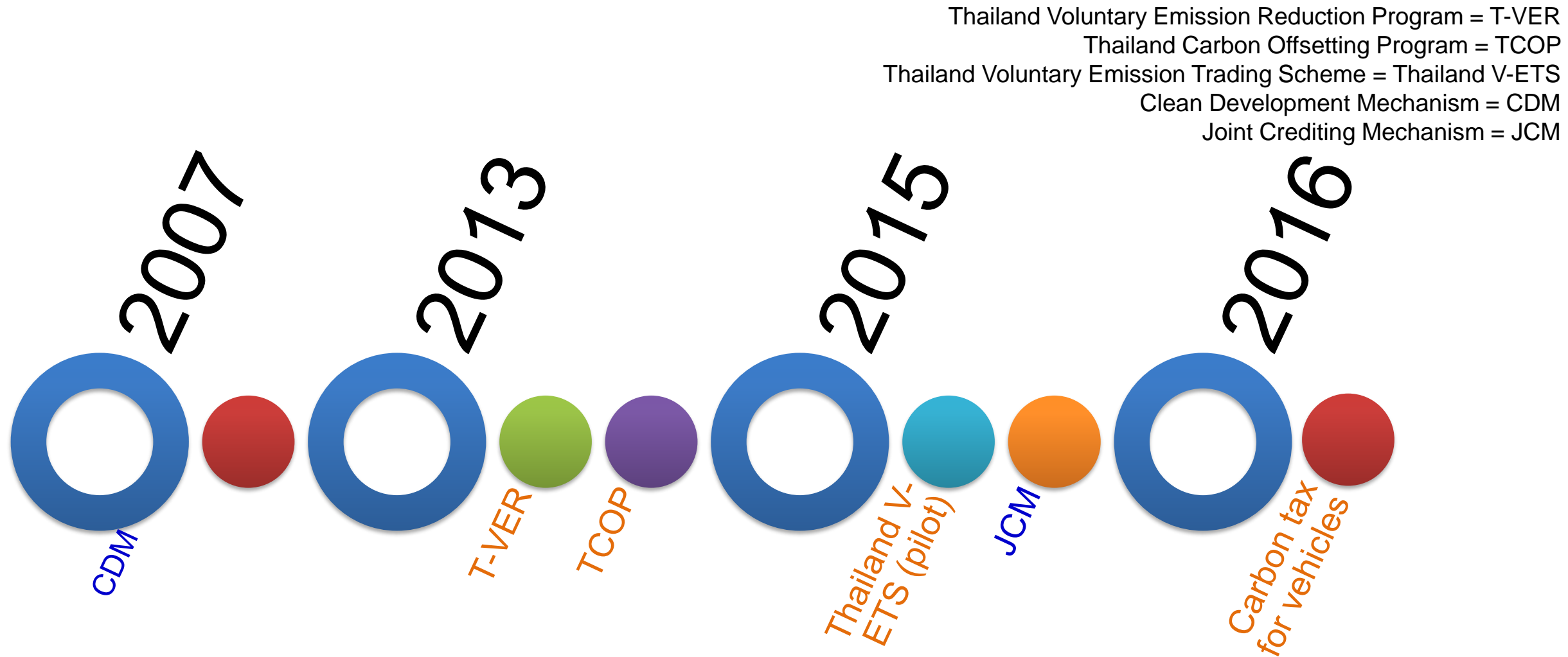
Coverage:

Economy-wide

Inclusion of LULUCF will be decided later

Role of market mechanism: “Thailand recognizes the important role of market-based mechanisms to enhance the cost effectiveness of mitigation actions, and therefore **will continue to explore the potentials of bilateral, regional and international market mechanisms as well as various approaches** that can facilitate, expedite and enhance technology development and transfer, capacity building and access to financial resources that support Thailand’s efforts towards achieving sustainable, low-carbon and climate-resilient growth, as appropriate.”

Development of CPI in Thailand

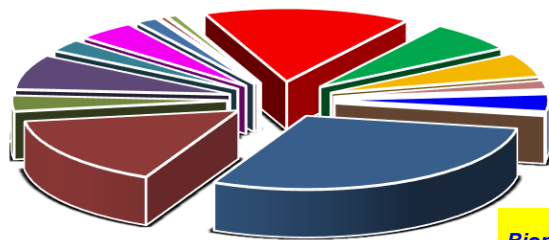


- International Carbon market
- Domestic Carbon market

Status of CDM in Thailand



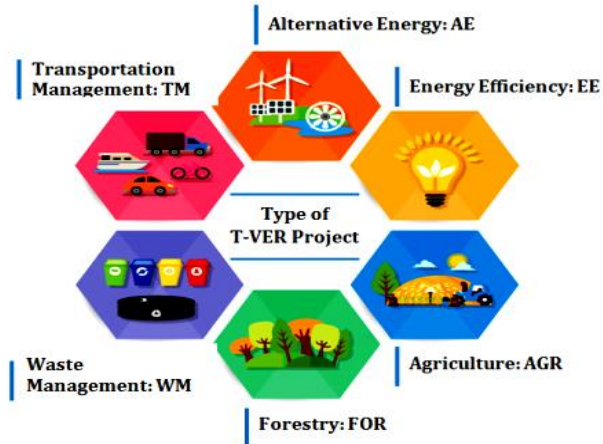
222 CDM Projects approved LoA



**Expected Certified Emission
Reduction 7.41 MtCO₂e/year**

Status (as of 31 Aug 2019)	No.
Received Letter of Approval (LoA) from TGO (Project)	222
Registered by the CDM EB (Project)	
• Single project	147
• Program of Activities (PoA)	7
Issued Certified Emission Reductions: CERs) (Project)	66
Expected CERs (MtCO ₂ e/Year)	7.4
Issued Certified Emission Reductions: CERs) (MtCO ₂ e)	13.97

Status of T-VER in Thailand



- [TGO](#) and [The Future of the Carbon Market Foundation, Germany](#) signed Terms and Conditions to support Thailand Low Carbon Cities (LCC) Programme
- Eligible Type of T-VER project: LEDs, Biogas, Refuse Derived Fuel and Solar PV
- Up to 225,000 TVERs, issued during 2015-2020, from 18 LCC T-VERs projects

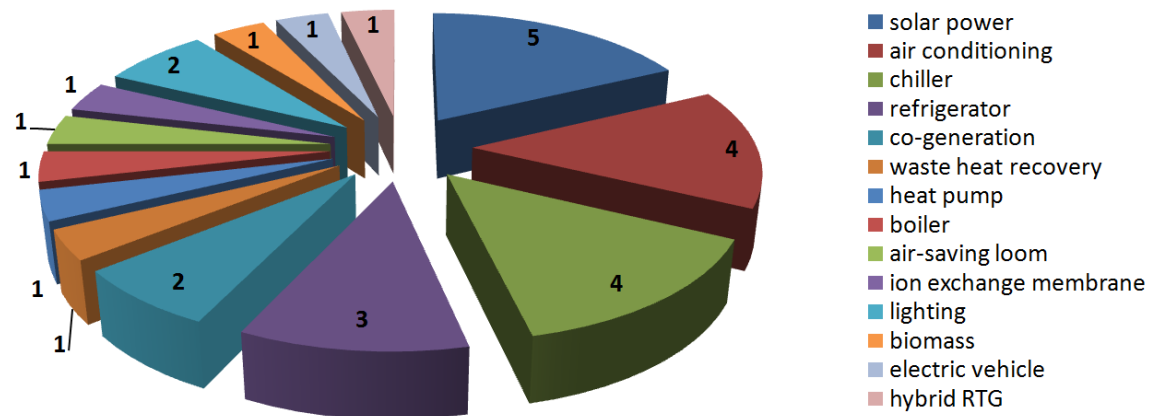
Fiscal Year (FY)	Registered Projects		Issued Projects	
	No.	Amount of Expected GHG Reductions (tCO ₂ e/year)	No.	Amount of Issued GHG Reductions (tCO ₂ e)
2014	12	193,467	-	-
2015	8	510,945	7	339,537
2016	26	823,415	20	287,124
2017	40	819,293	24	766,632
2018	48	1,082,018	22	583,141
2019	28	1,163,728	16	524,408
Total	162	4,592,866	89	2,500,842

As of 31 Aug 2019

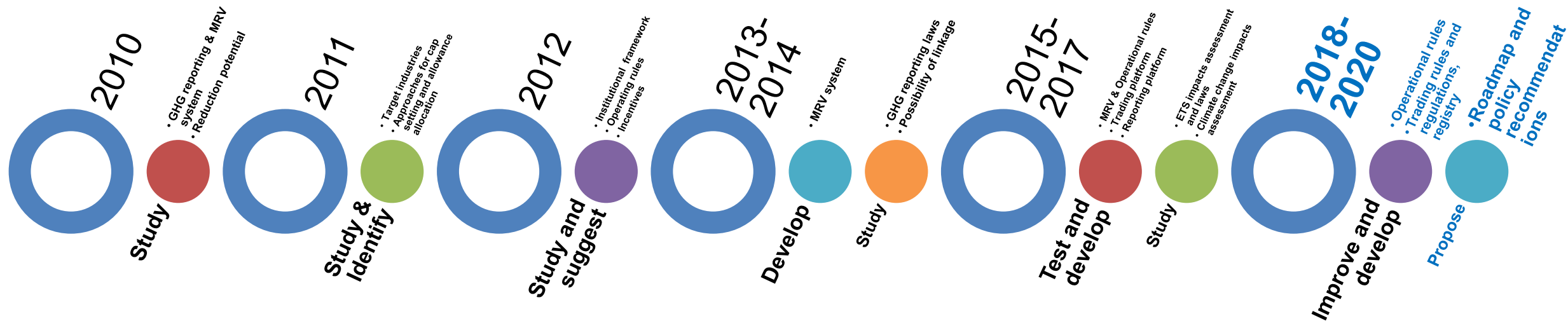
Status of JCM in Thailand

Status (as of 31 Aug 2019)	Number
Number of JCM Model Projects in Thailand (Project)	28
Expected GHG reduction (tCO2e/year)	159,912
Approved Methodologies	9

JCM Model Projects categorized by technology



Development of T-VETS in Thailand



Role of Carbon Pricing in the Implementation of NDC



TGO is currently assessing the opportunities/benefits and readiness of Thailand to engage in international cooperation that involves the use of international market mechanisms (as mandated by the Cabinet by its resolution on 24 January 2017).



identify the list of technologies and activities which are outside the scope of existing NDC's sectoral action plans in order to prioritize those technologies and activities as being appropriate for international market mechanisms.



explore feasibility for a cooperation with Switzerland in the context of Article 6, with the consideration of the initiative to accelerate the adoption of electric vehicles by private fleet-operators for mobility and logistic services (FLEET Project).

Thank you | Kob-Koon-ka



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