

Expert Group Meeting on Green Economy for Sustainable Development Goals:  
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# **THE IMPLEMENTATION OF GHG MITIGATION POLICIES AND ACTIONS IN VIETNAM**

Department of Climate Change  
Ministry of Natural Resources and Environment of Vietnam

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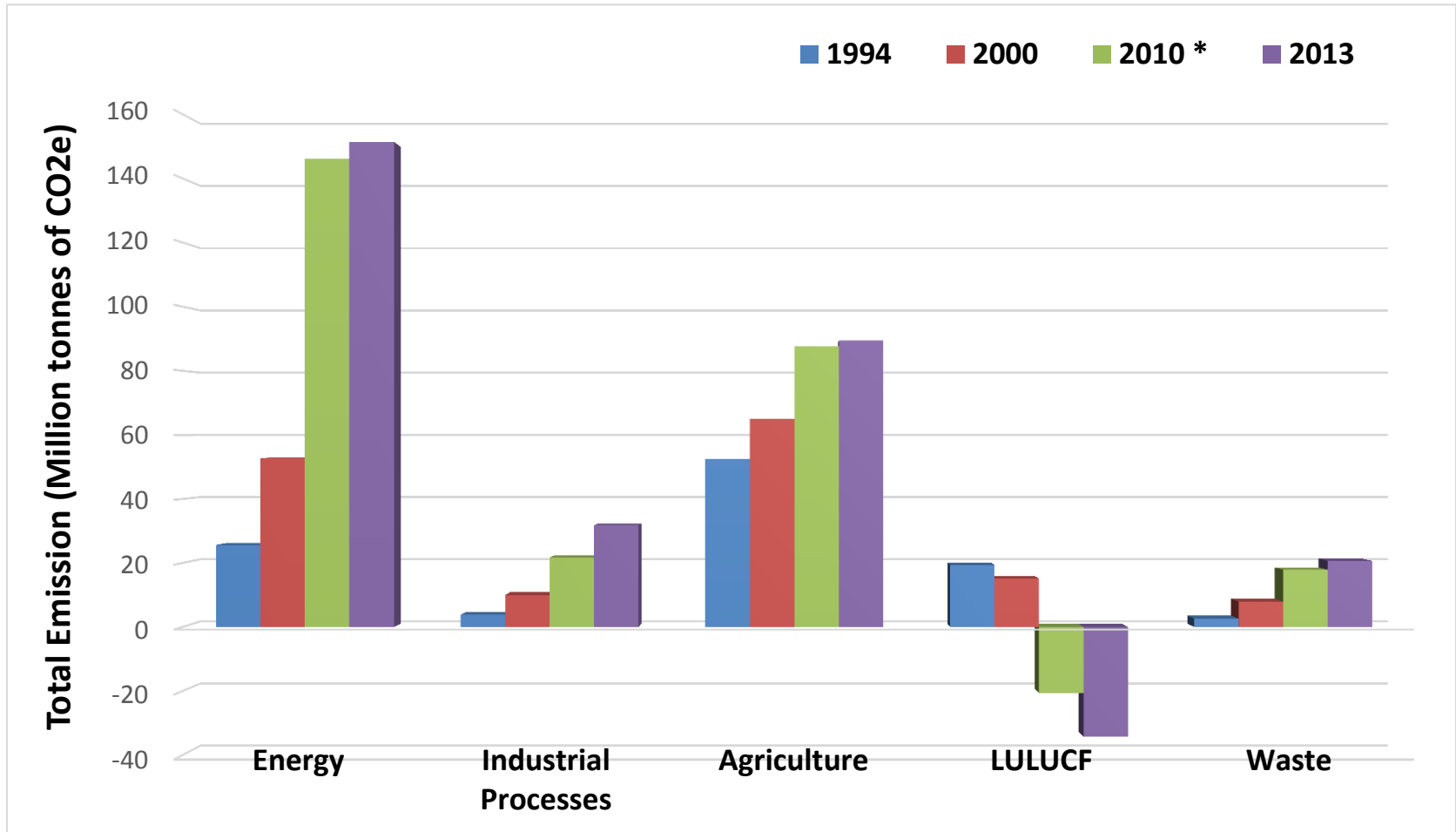


# **A. Mitigation policies in Viet Nam**



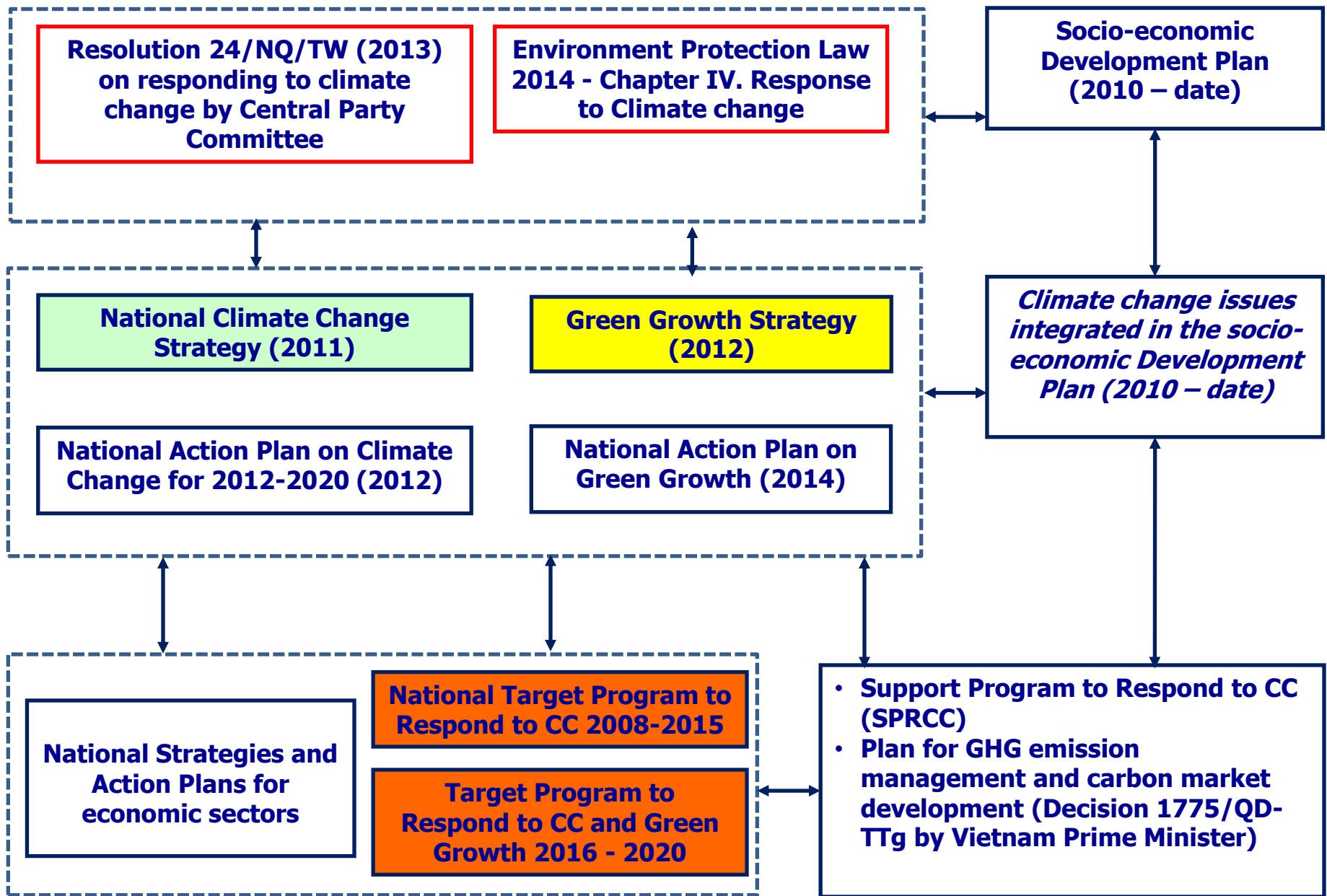
# GHG emission in Vietnam

## Trends of emissions/removals



Source: Viet Nam BUR2





# National Strategy on climate change

*(Decision No. 2139/QĐ-TTg dated 05 December 2011)*

## ➤ Overall objectives:

- ✓ sustainable utilization of the national resources
- ✓ carry out adaptation measures and GHG mitigation options
- ✓ safeguard people's life and properties
- ✓ ensure the sustainable development goals
- ✓ strengthen human and natural system resilience to climate change
- ✓ develop the low-carbon economy to protect and enhance quality of life
- ✓ ensure national security and sustainable development



# National Strategy on climate change (cont.)

*(Decision No. 2139/QĐ-TTg dated 05 December 2011)*

## ➤ Strategic tasks:

- ✓ Proactive disaster preparedness and climate monitoring
- ✓ Food and water security
- ✓ Suitable proactive response actions to sea-level rise in vulnerable areas
- ✓ Protection and sustainable development of forest, increasing carbon removals and biodiversity conservation
- ✓ GHG emission reduction to protect the global climate system
- ✓ Increase the lead of Government in climate change response
- ✓ Community capacity development to cope with climate change
- ✓ Scientific and technological development for climate change response
- ✓ International cooperation and integration to enhance the country's status in climate change issues



# National Green Growth Strategy

*(Decision No.1393/QĐ-TTg dated 25 September 2012)*

## ➤ Overall objectives of the Strategy:

- ✓ green growth, as a mean to achieve the low carbon economy and to enrich natural capital, will become the principal direction in sustainable economic development;
- ✓ reduction of GHG emissions and increased capability to absorb GHG are gradually becoming compulsory and important indicators in social-economic development.





# National Green Growth Strategy (cont.)

*(Decision No.1393/QĐ-TTg dated 25 September 2012)*

## ➤ Strategic tasks:

- ✓ Reduce the intensity of GHG emissions and promote the use of clean and renewable energies
- ✓ Greening production
- ✓ Greening lifestyle and promoting sustainable consumption



# Vietnam's NDC

- ✓ Viet Nam's NDC includes a mitigation and an adaptation component
- ✓ Implementation period: 2021-2030
- ✓ Mitigation contribution:
  - *No support:* by 2030, reduce GHG emissions by 8% compared to BAU
  - *International support:* by 2030, reduce GHG emissions by 25% compared to BAU

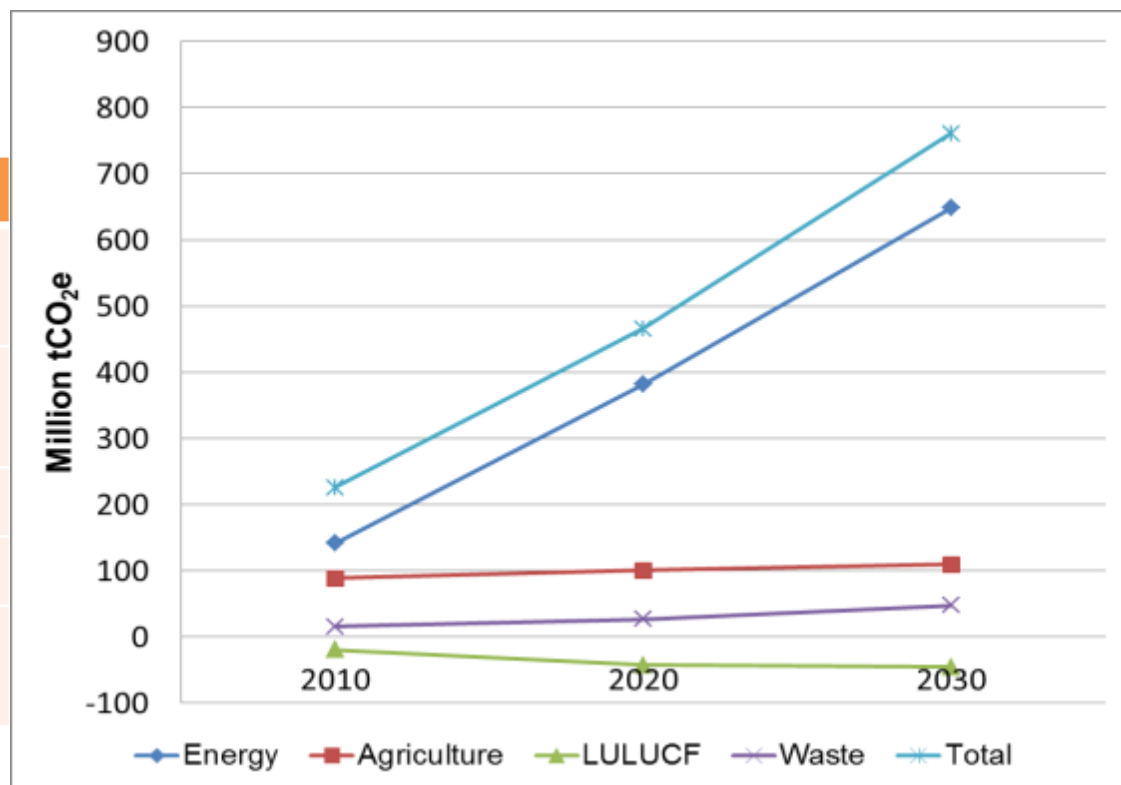


## National BAU

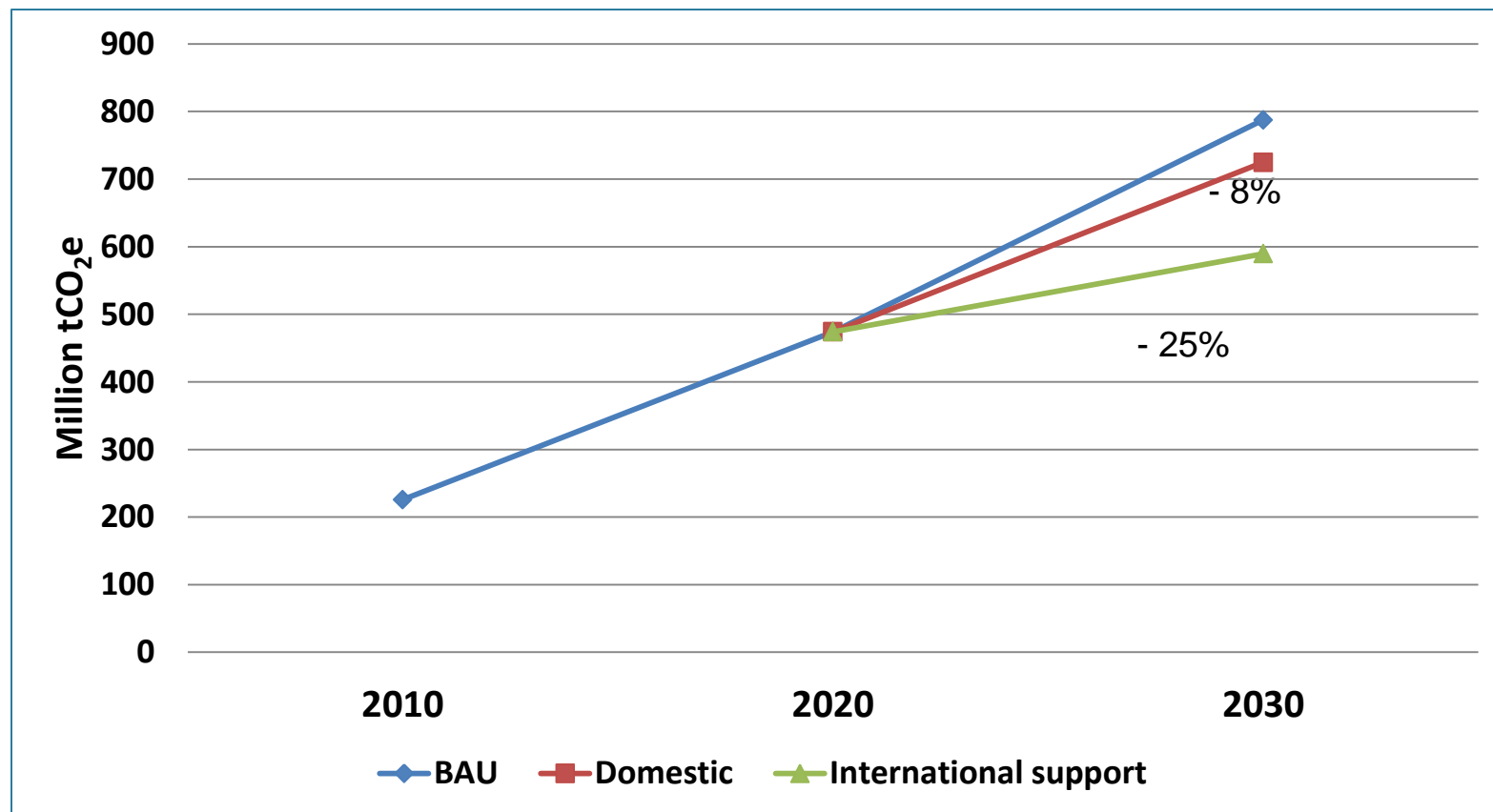
Unit: CO<sub>2</sub> equivalent mil tons

	2010	2020	2030
Energy	141,1	389,3	675,5
Agriculture	88,3	100,8	109,3
Waste	15,4	26,6	48,0
LULUCF	-19,2	-42,5	-45,3
<b>Total</b>	<b>225,6</b>	<b>474,2</b>	<b>787,5</b>

Source: BUR1, 2014



## BAU scenario with mitigation objectives 8% and 25%



## Mitigation component in Viet Nam's NDC

Sector	Unconditonal Contribution		Conditional Contribution	
	Target (%)	Amount of GHG (million tonnes of CO <sub>2</sub> e)	Target (%)	Amount of GHG (million tonnes of CO <sub>2</sub> e)
Energy	4,4	29,46	9,8	65,93
Agriculture	5,8	6,36	41,8	45,78
Waste	8,6	4,16	42,1	20,23
LULUCF*	50,05	22,67	145,7	66,0
<b>Total</b>	<b>8%</b>	<b>62,65</b>	<b>25%</b>	<b>197,94</b>

*\* increase removal*



## B. Mitigation actions in Viet Nam

### CDM

- ✓ 4<sup>th</sup> largest portfolio of CDM projects worldwide (254 projects)
- ✓ 8<sup>th</sup> largest in CERs issued

### JCM

- ✓ One of the most active countries to implement the JCM
- ✓ Numerous pilot projects are under consideration for implementation

### VCS, Gold Standard...

### NAMAs

- ✓ Development of pilots NAMA in solid waste, steel, chemical fertilizer, cement, wind power and biogas for rural areas
- ✓ Policies to facilitate NAMA development are given special attention

### REDD+



## B. Mitigation actions in Viet Nam

### Developing a domestic carbon market

- ✓ **The Viet Nam Partnership for Market Readiness Project (VNPMR)**
- ✓ Improve quality and efficiency of state management works on NAMAs, credited NAMA through revision and supplementation and issue a number of policies and management tools related to carbon market;
- ✓ Develop market-based instruments, database system on GHG emissions and the roadmap to join the carbon market in the field of solid waste;
- ✓ Pilot credited NAMAs, develop reporting systems for GHG emissions and the roadmap to join the carbon market in steel production in Vietnam;
- ✓ Raise awareness and provide knowledge for management agencies from central to local authorities in management, control and supervision of the activities related to carbon markets and organizations and individuals involved in carbon market.



## C. Upcoming activities

- ✓ Issuing Decree on roadmap and measures for GHG emission reductions in Viet Nam (2018)
  - Development of the Decree is to reflect the political commitment of Viet Nam to the world community;
  - The Decree will clearly define the responsibilities and functions of the ministries, provinces and localities in mitigating GHG emissions;
  - The Decree is the foundation for other legal documents at relevant levels to mitigate GHG emissions in Viet Nam;
  - The Decree will be the basis for the future Law on Climate Change;
- ✓ Developing MRV systems for national, sector and province levels (2019)
- ✓ Developing a domestic carbon market (2021)





***Thank you very much!***

