



# CAFEO 36

36th CONFERENCE OF THE ASEAN FEDERATION  
OF ENGINEERING ORGANISATIONS

12 - 14 November 2018 | Resort World Sentosa, Singapore

## Environmental Work Group

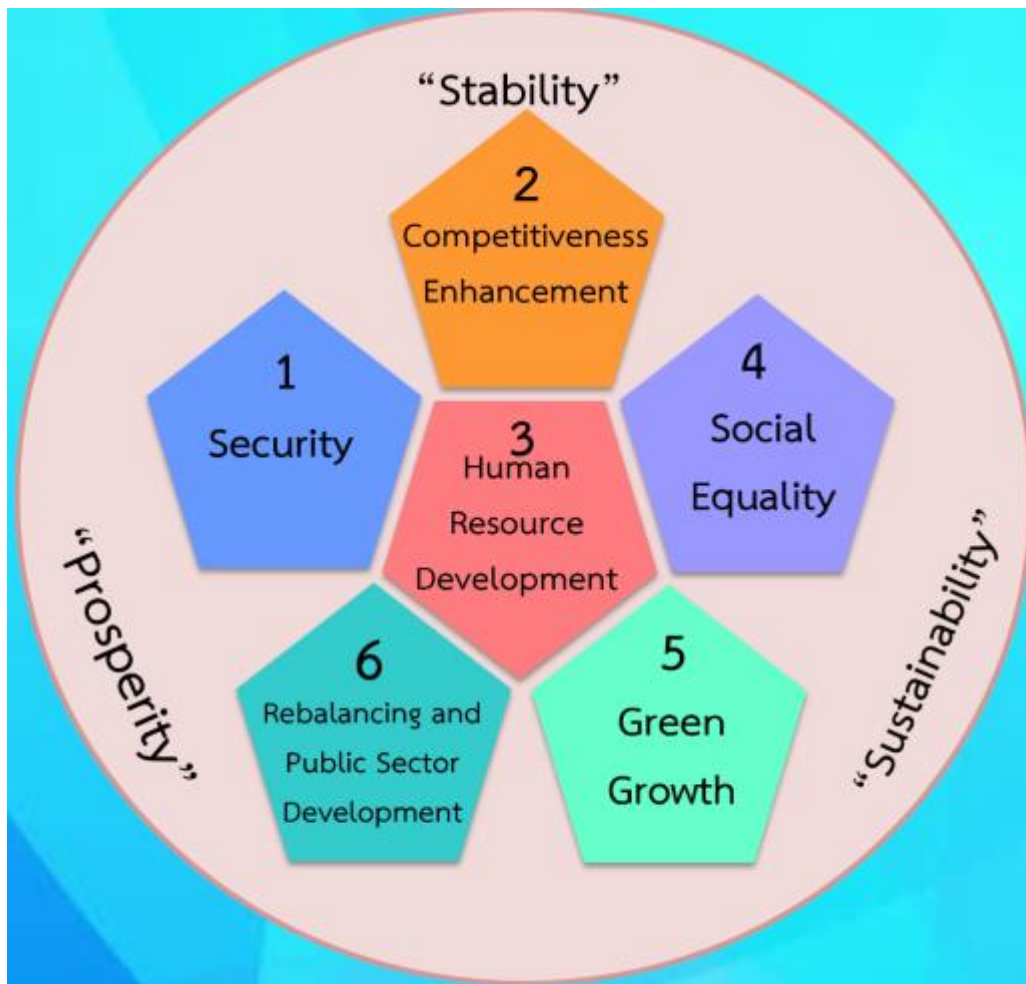
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Foreign Affairs Committee, and Chemical Petrochemical Engineering Committee  
The Engineering Institute of Thailand under H.M. The King's Patronage

## Thailand's 20-Years National Strategy 2017-2036

### “Philosophy of Sufficiency Economy”



## Collaborations among Thai Ministries



กระทรวงพลังงาน  
MINISTRY OF ENERGY



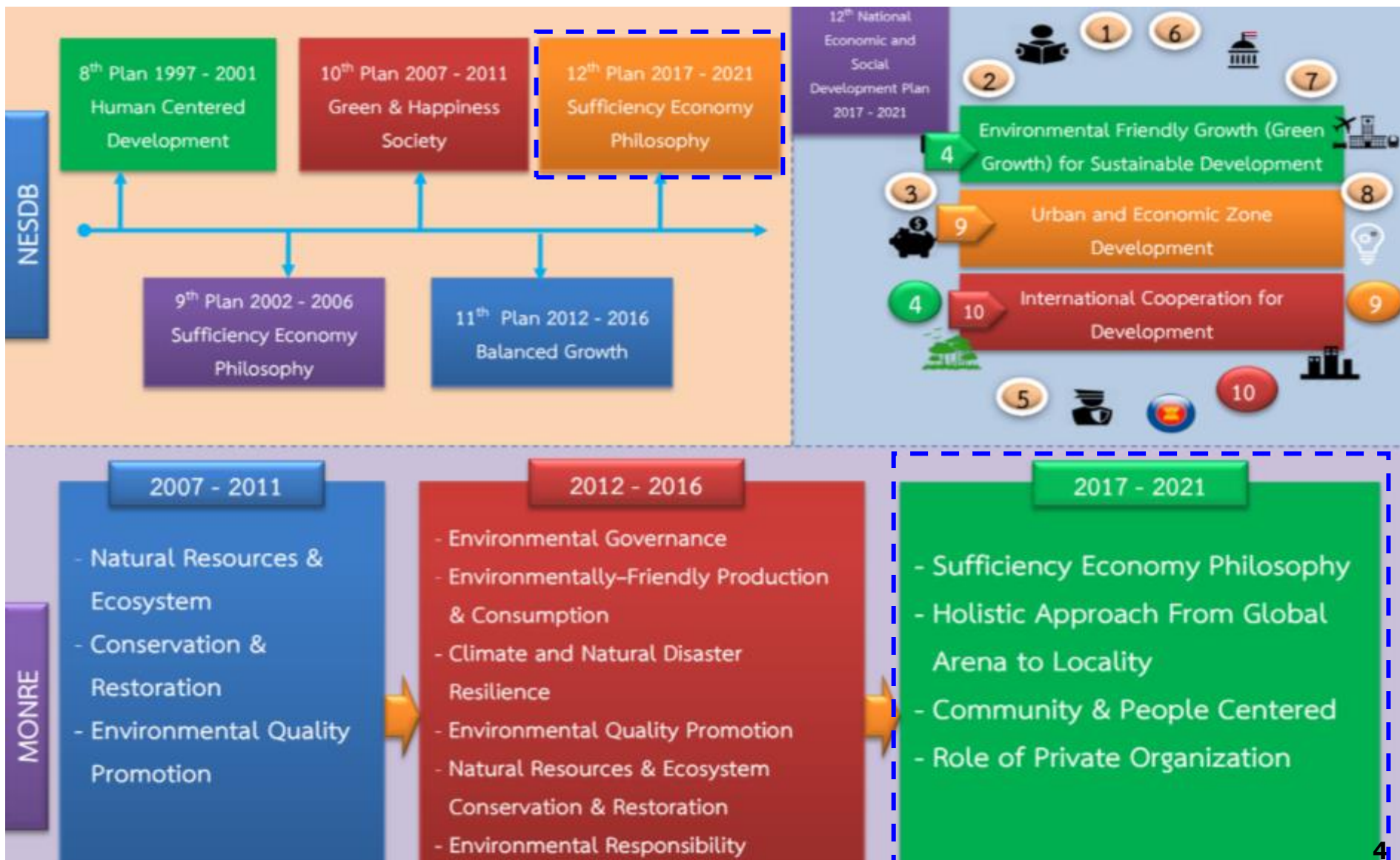
กระทรวงอุตสาหกรรม  
Ministry of Industry



กระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม  
Ministry of Natural Resources and Environment

- Energy Conservation & Alternative Energy
- Environmental Conservation

## Policies and Plans at the National Level

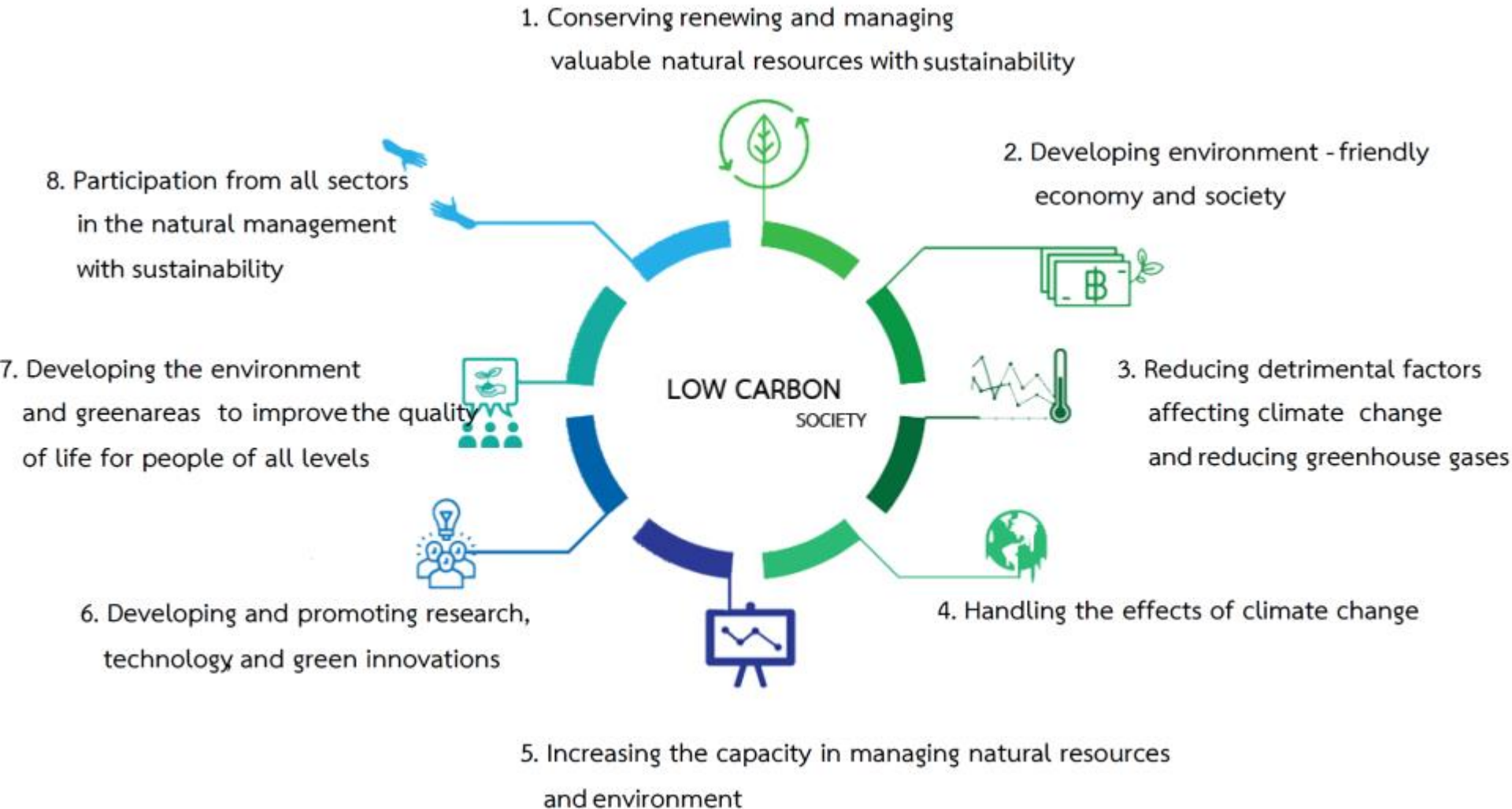




## Policies and Plans at the National Level (Cont.)



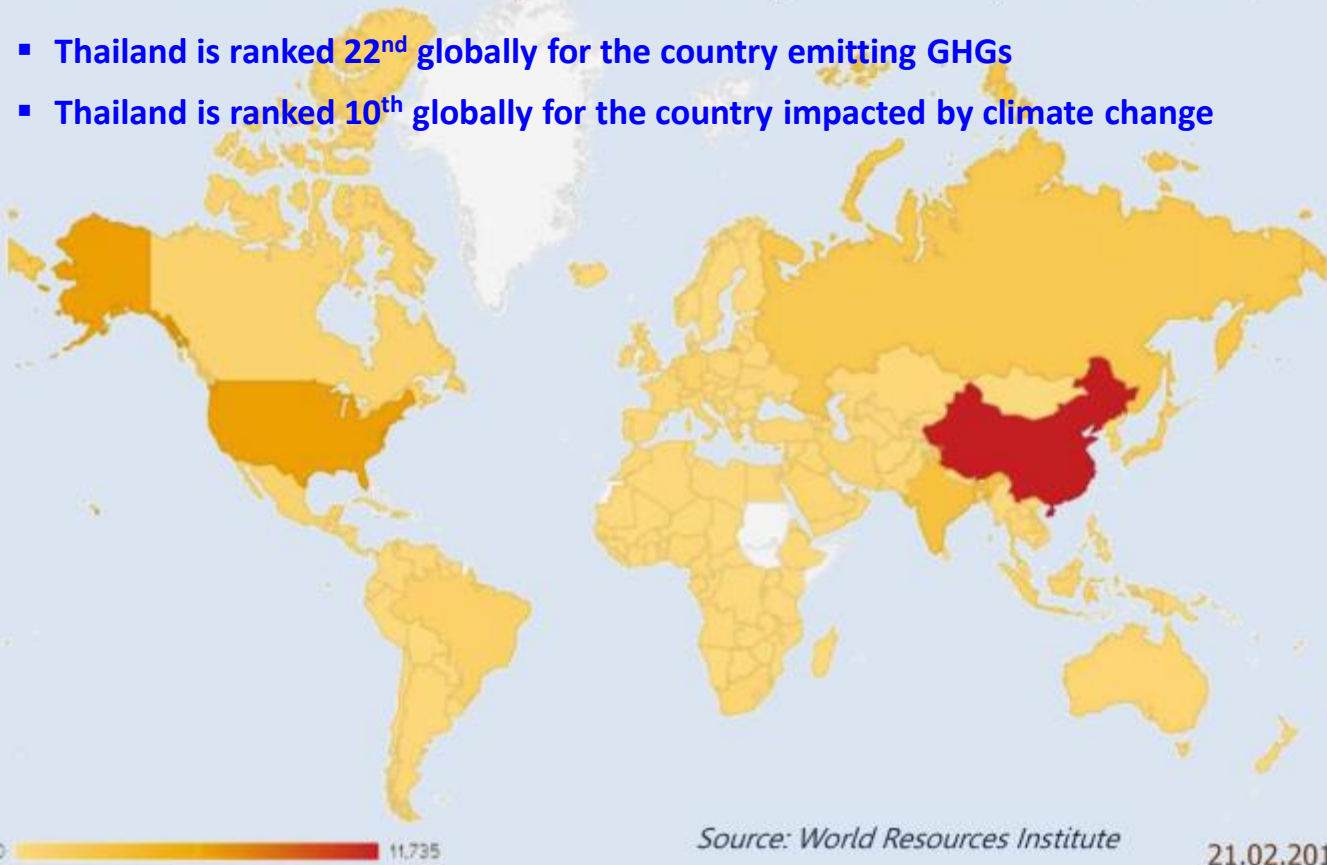
## Development of Low-carbon Society



## Climate Change Situation in Thailand

Rank	Country	MtCO <sub>2</sub> e
1	China	11735.0071
2	United States	6279.8362
3	European Union (28)	4224.5217
4	India	2909.0566
5	Russian Federation	2199.1173
6	Japan	1353.3473
7	Brazil	1017.8745
8	Germany	894.057
9	Indonesia	744.3403
10	Canada	738.3825
11	Mexico	733.0104
12	Iran	716.8149
13	Korea, Rep. (South)	673.5412
14	Australia	580.0997
15	Saudi Arabia	546.8181
16	United Kingdom	546.2641
17	South Africa	510.2377
18	France	440.8485
19	Italy	420.8244
20	Turkey	408.4574
21	Ukraine	375.667
<b>22</b>	<b>Thailand</b>	<b>369.431</b>
23	Poland	361.1905
24	Argentina	334.2374
25	Pakistan	326.774

Total GHG Emissions Excluding Land-Use Change and Forestry - 2013 (MtCO<sub>2</sub>e)



- Thailand is ranked 22<sup>nd</sup> globally for the country emitting GHGs
- Thailand is ranked 10<sup>th</sup> globally for the country impacted by climate change

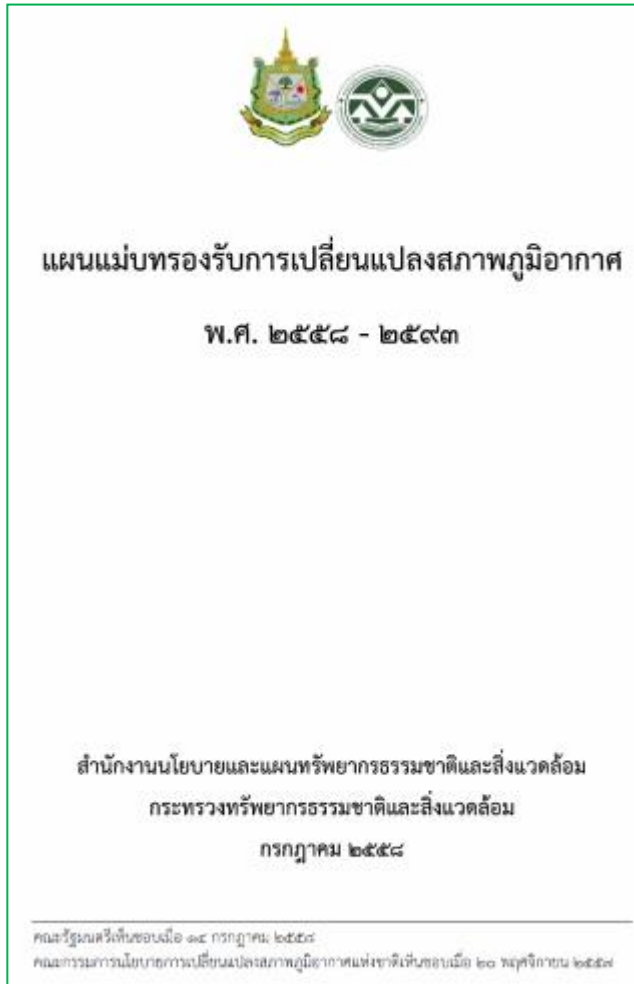
Source: World Resources Institute

21.02.2017

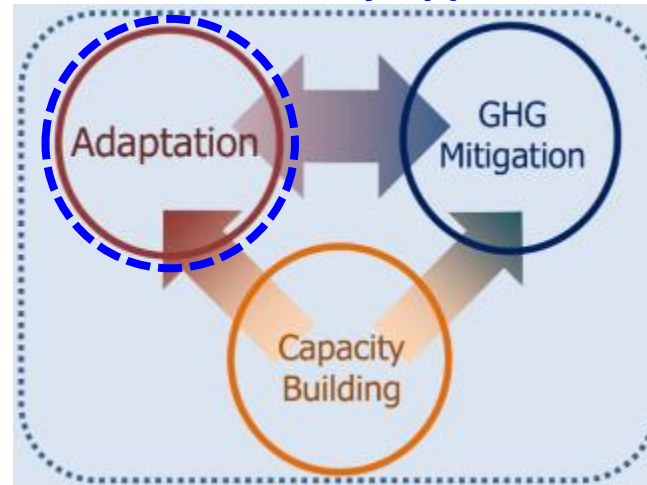


## Climate Change Master Plan 2015-2050

Vision: “Thailand becomes a Climate Change Resilient and Low-Carbon Development Society following Sustainable Development Pathway”



### 3-Key Approaches



1. Flood & drought and water management
2. Agriculture and food security
3. Tourism
4. Public health
5. Natural resource management
6. Human settlement and security



# Thank you for your attention

