

Deep Dive Workshop
The relevance of energy efficiency for Asia and the Pacific

Viet Nam's overview of energy efficiency, current energy consumption, and energy saving potential for industry

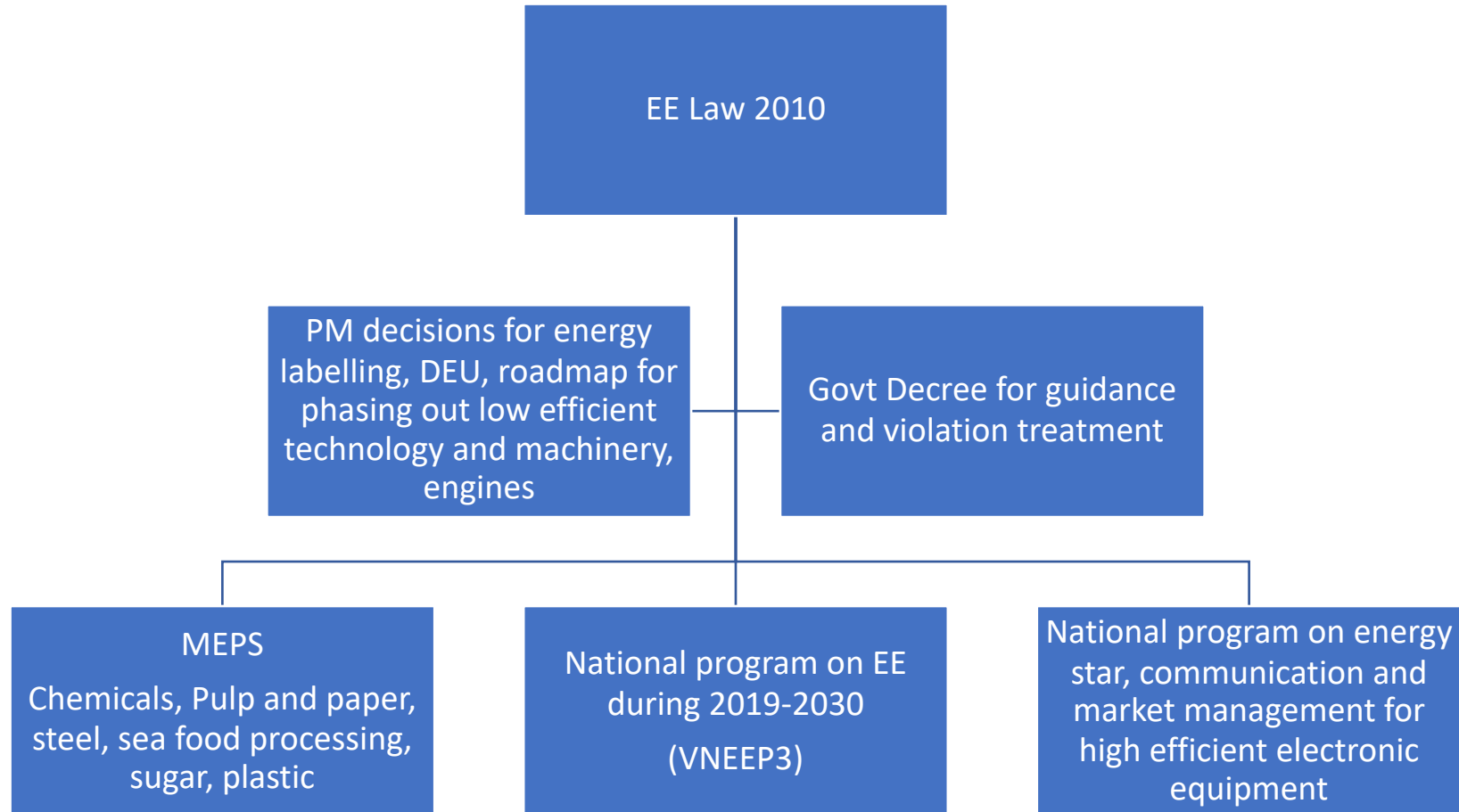
**Hoang Van Tam – Deputy Head of Climate change and Green Growth
Office, Energy Efficiency and Sustainable development Department, The
Ministry of Industry and Trade of Viet Nam**

18th June 2021

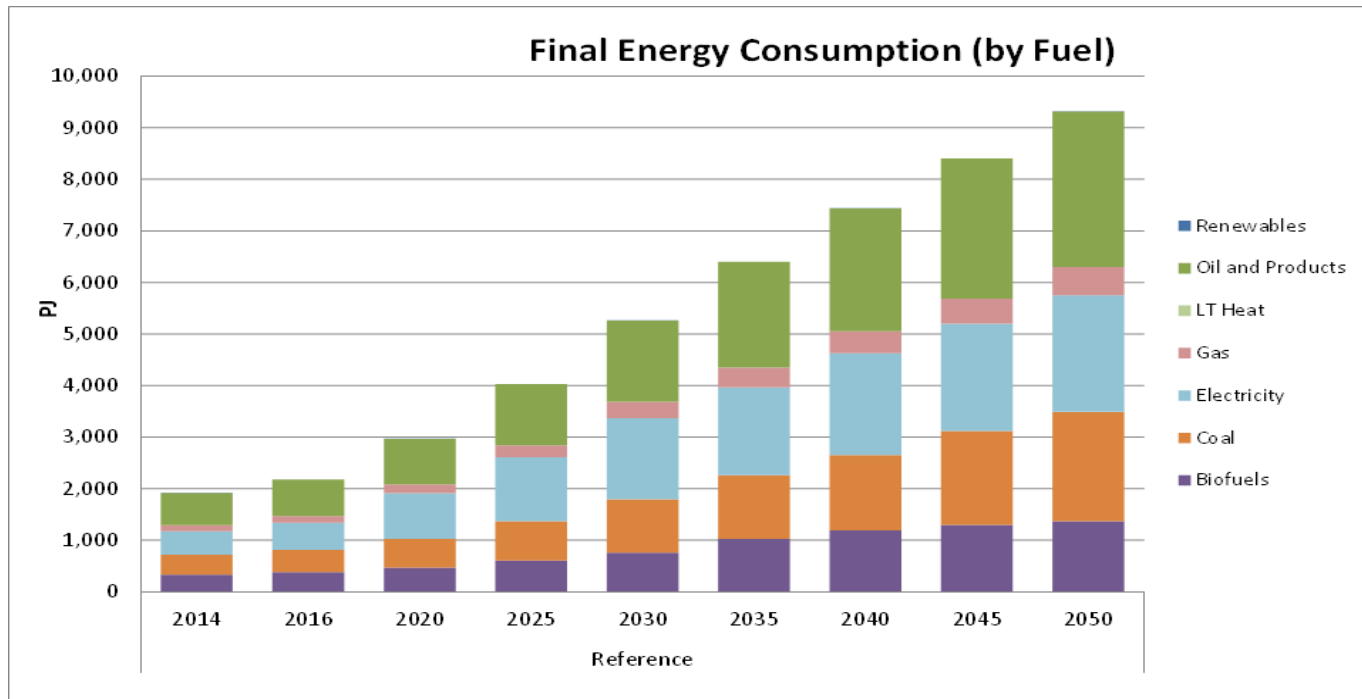
Outline of Presentation

- Overview of energy efficiency regulations
- Current Energy consumption and trending by business as usual to 2030 (BAU)
- Energy saving potential for industry sector

Overview of energy efficiency (EE) policy

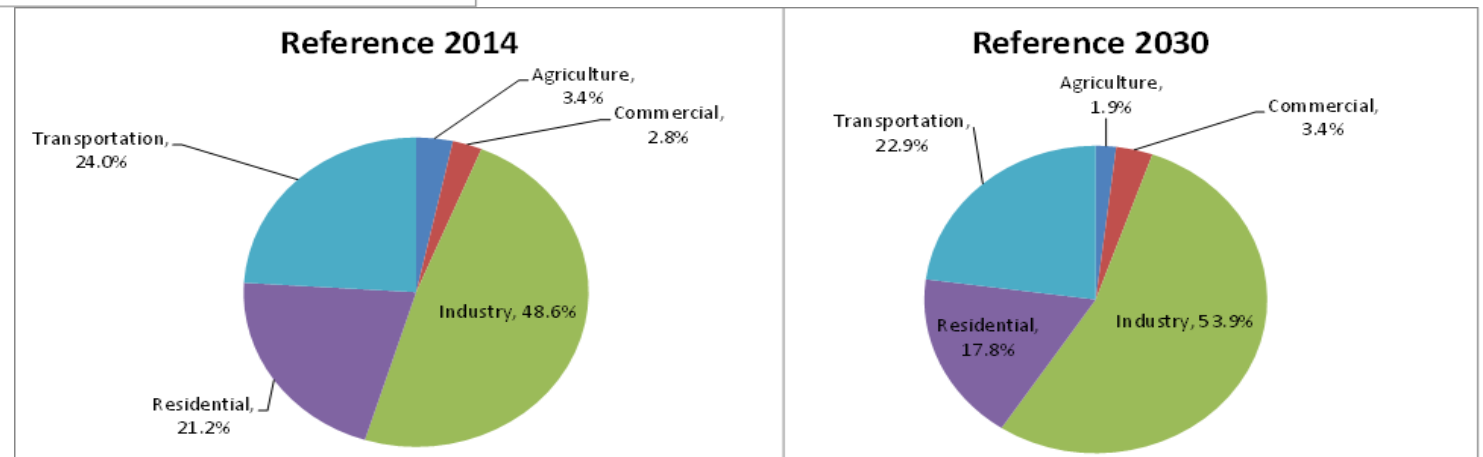


Current Energy consumption and trending by business as usual to 2030 (BAU)



- *Final energy use grows by 309%, led by electricity, gas, coal and oil products*
- *Biomass use is driven by revised energy balance values and residential cooking demands*

- Final energy use grows by 178%, with the growth in Industry more than half of the total growth in FEC.
- Industry share increases from 49% to 54%
- Residential sector share decreases from 21 to 18%
- Transport sector fuel use (from EFFECT) remains at about 20%



Energy saving potential for industry

Industry Process Improvement Savings Potential (% of total demand)					
Subsector	ELC Motor Drive	ELC Facility/Other	ELC Process Heat	Thermal Facility/Other	Thermal Process Heat
Iron and Steel	47.3%	1.9%	11.9%	0.4%	18.8%
Chemicals	9.0%	2.4%	7.1%	1.4%	8.8%
Fertilizer	1.3%	2.6%	0.0%	0.0%	0.0%
Cement	13.6%	3.0%	22.1%	7.7%	4.1%
Beverage	5.1%	11.2%	2.1%	12.7%	14.9%
Plastics	27.7%	20.8%	17.7%	7.4%	8.8%
Food and Tobacco	17.0%	14.2%	4.9%	10.8%	14.4%
Paper Products	18.2%	0.9%	0.0%	5.1%	11.0%
Pulp and Printing	1.3%	14.1%	0.1%	0.0%	5.6%
Building Materials	21.4%	6.2%	0.0%	12.4%	2.4%
Textile and Leather	20.5%	13.0%	23.7%	1.0%	10.8%
Other	19.8%	18.9%	3.2%	12.6%	13.0%

Thank you

