

# **Circular Economy – a Perspective from Viet Nam**

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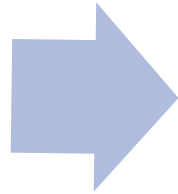
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# Circular Economy in Viet Nam – Past to Present



V-A-C model in  
Agriculture (since 1980s)



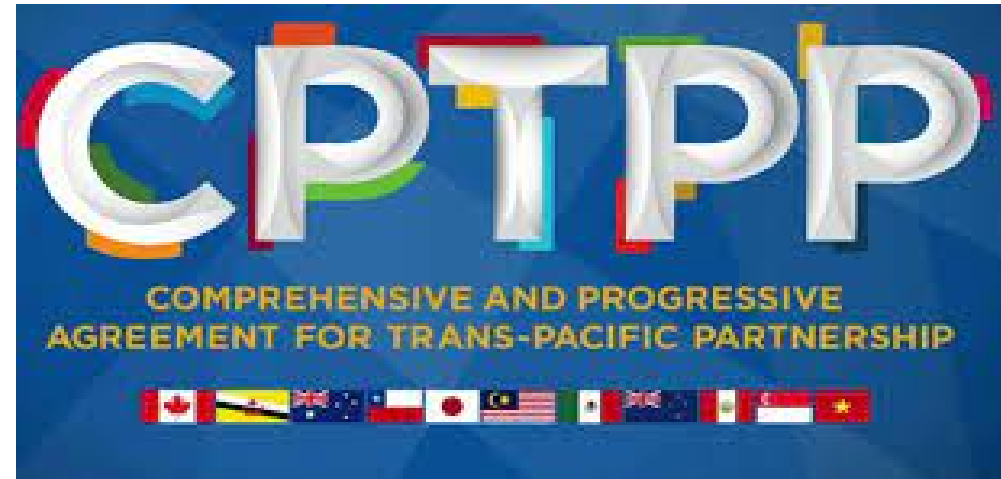
Circular Economy  
- Resource efficiency  
- Waste Management

# Circular Economy - as an approach for Development in Viet Nam

- The Government's determination on driving the country towards a socialist-oriented market economy for sustainable development; with implementation of a national action plan and strategies with concrete measures for achieving SDGs.

***The Strategy for socio-economic development by 2030*** (adopted in 2021): sets out the direction & approach for development of a ***circular economy***, a green economy which is environmentally friendly.

- Deeper integration into the world's economy by conclusion new generation free trade agreements with various partners, with stronger commitments for sustainable development.



# Key Policies related to Circular Economy

- **Law on Environmental Protection** (revised in 2005, 2014, 2020) provides for the objective of sustainable development by encouraging clean energy, renewable energy, environmentally friendly products and reduce, reuse, recycle methodologies
- **Strategy for Cleaner Production in Industries by 2020** (2009)
- **National Green Growth Strategy** (2012) addresses the improvement of energy efficiency, sustainable production, sustainable consumption & lifestyle
- **National Action Plan for Implementation of Agenda 2030 for Sustainable Development** (2017)
- **Strategy for Sustainable Development of Marine Economies** (2018)
- **National Strategy on Environment Protection by 2020**, with a vision toward 2030, details measures to enhance the reduction, reuse, and recycling of waste, and application of Cleaner Production models.

# Key Policies related to Circular Economy (cont'd)

- **National Action Plan on Sustainable Production and Consumption** by 2020, with a vision to 2030
- **Master Plan on development of Viet Nam's Construction Material industry** by 2020 with a vision toward 2030 sets the task of improving resource and energy efficiency, reuse and recycle of construction material
- Prime Minister's Decision No. 16/2015/QD-TTg regulating the **recollection and treatment of discarded products**
- **Resolution of the National Assembly Standing Committee No 579/2018/UBTVQH14** sets a tax of VND50.000 per kilogram on plastic bags
- **Circular No 128/2016/TT-BTC** clarifies export duty exemption and reduction for environment-friendly products and products made from recycling and waste management

# Achievements in Policy Implementation

**Prominent results in implementation of Cleaner Production model (CP) - as at the beginning of 2021:**

- 350 enterprises have been supported for rapid assessment of CP application.
- 90 enterprises have been supported for CP application became role models for CP application.
- 68.5% of enterprises are aware of the benefits of CP application.
- 46.9% of enterprises applied CP
- 21% of medium and large enterprises have a department dedicated to cleaner production

*Source: MOIT, 2021*

# Technological Application as a means to Circular Economy



## *In the farm:*

- Use of clean and renewable energy resources such as CNG and BIOMASS to replace the traditional FO and DO oils
- Livestock waste is treated to continue to fertilize pastures and improve soil; and is converted into methane gas used to heat water for domestic use

## *In the factory:*

- Solar energy to reduce emissions equivalent to 12,000 tons of CO<sub>2</sub>

*Example in food & beverage industry - VINAMILK (Largest dairy company in VN)*

# The Way Forward: Challenges

- 1) Building and Implementing a National Policy Framework/ Strategy on Circular Economy
- 2) Raising Awareness among the Business Community
- 3) Transfer of technology and know-how, application of Advanced Technology with Skilled Workers
- 4) Raising Awareness within the Society.

***Priorities now:*** Development and Application of Circular Economy model in priority sectors including agriculture, plastic, textile, paper, food & beverage processing for sustainable development.

***Needs:*** International cooperation on circular economy, including transfer of technology and technical know-how, and promotion of value chain integration.



Thank you very much for your attention!