Sars, Mers, HIN1, COVID-19... Purposes Sars, Mers, HIN1, COVID-19... Purpose Sars,

"Climate change and the problem of waste"

Can ASEAN countries lead the way in tackling viral disease prevention

Over 8 mill infected with new virus

"Prevention is better than the cure"

again" MARKETS 2.0

"Weather catastrophe strikes again"

COVID -19 has infected 8 million people so far

It is currently believed that COVID-19 originated in a 'wet market' in Wuhan, China

China is now being criticized for its handling of the disease; and is also being pursued for global reparations.

Why did the deadly virus thrive here?

- Unsanitary conditions in the market handling, preparation, waste disposal.
- The types of goods being sold.
- Poor conditions helped the virus cross from animals to humans, infecting 8 million people so far.





"A wet market is a weapon of mass destruction in the making"

- A. Moran, Liberty Nation

"Abolish Asia's 'wet markets', where pandemics breed"

- C.Walzer and A. Kang, WSJ

"Deadly virus finds a breeding ground in China's food markets" - Bloomberg

"The wet markets are an important 'risk factor' for disease spread"

Wet markets are a tradition and a way of life in South East Asia Almost any South East Asian country could be the source of a new virus

February 07, 2020

"Any shutdown of wet markets would have a big socio-economic impact and must be done gradually as it may lead to increased food insecurity. Wet markets have been a part of life for many, many centuries. In 2020, they are still an essential part of the culture. Obviously, there are many challenges in the area of food safety, but with good practices, effective regulation and good inspection schemes, modernisation is possible"

Masami Takeuchi, UN FAO (Food and Agriculture Organization).

WET MARKETS 2.0: AN INITIATIVE TO CREATE A SUSTAINABLE AND SAFE MARKET ENVIRONMENT IN ASEAN



Market Environment

Build or modify infrastructure

- Retail
- Utilities and power generation
- Waste management facilities
- Public health and sanitation



Review Food Supply, Production and Handling Practices

Food chain certification

- Origin
- Transport
- Handling



Regulations and Education

- Food handling hygiene standards
- Waste management protocols
- Regular inspections

WET
MARKETS 2.0
Certification

Wet Markets 2.0: An initiative with many benefits

- ✓ Reduce risk of disease originating in markets
- ✓ Improve sanitation and working conditions
- Regulate food supply chain and certification



- ✓ Use market waste to create renewable energy
- Demonstrate ASEAN regional leadership
- Prove real commitment to address global health issues

Example of a Wet Markets 2.0 model



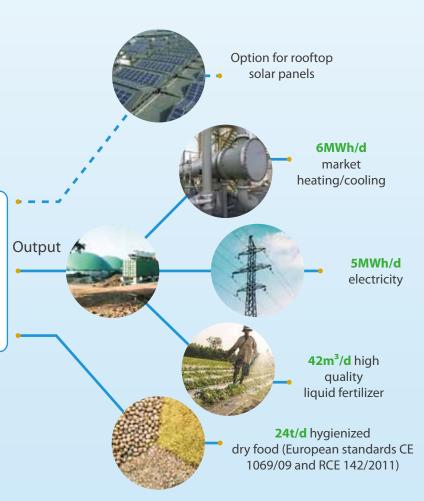
Introduce and implement FAO/WHO International Standards for Food Safety. Implement organic food separation and waste collection protocols.



Build <2000m² AD plant adjacent to market



70t/d organic market waste is hygienised for biogas production





Please visit our website: www.dpcleantech.com