

A tropical beach scene with several palm trees leaning over a white sandy beach. The sky is bright blue with scattered white clouds. In the distance, the ocean is visible with a few small boats and a small island on the horizon.

PHU QUOC A LOW-CARBON MODEL TOWN

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An aerial photograph of Phu Quoc Island, Vietnam. The island is lush green and features several tall, white wind turbines. In the foreground, a coastal village with colorful roofs is visible. The surrounding water is a vibrant blue, with several small boats scattered across the sea. The sky is clear and blue.

1. Introduction of Phu Quoc

2. Low Carbon Models and notable achievements

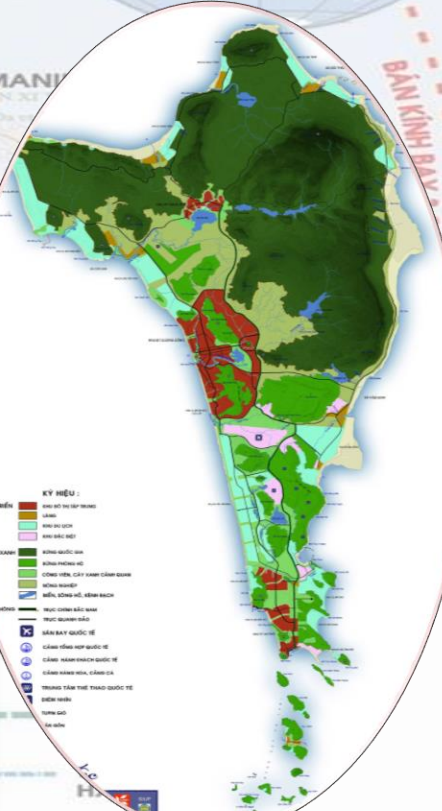
3. Environment protection

4. Plans for future

INTRODUCTION OF PHU QUOC

- Phu Quoc occupies a central position in Southeast Asia

- Total of area: 593 square kilometers
- Tropical monsoon climate; temperate climate; temperature from 25°C to 29°C

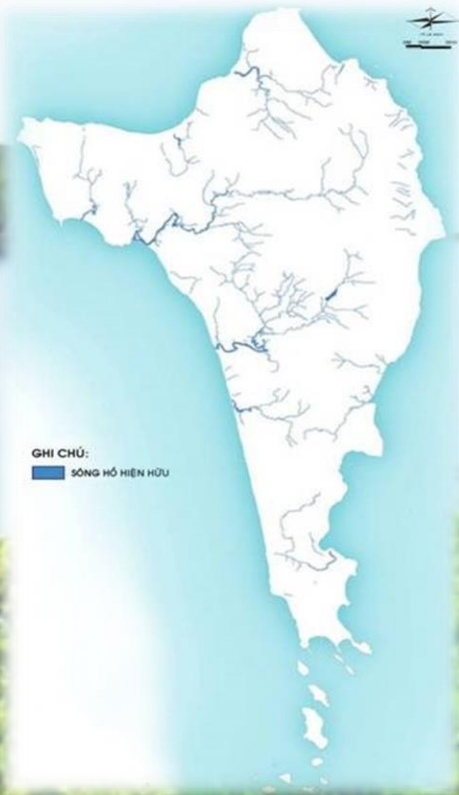


■ The forest area accounts for 67% of the island area



■ A rich source of surface water and a dense network of rivers and brooks

■ Fresh air





Population (2021)

155.339 people



**COMMERCE - SERVICE -
TOURISM**



AGRICULTURE



FISHERY





PHU QUOC INTERNATIONAL AIRPORT

International Airport

Phu Quoc has a power system connecting with the national power grid via the 110kV undersea cable system



and is now building the second overhead electricity cable (220kV)



Vinpearl Land

CO₂ reduction results and roadmap

- ✓ Using no oil thermal power sources.
- ✓ Making use of solar power to help reduce fossil energy consumption (the number of households investing in roof voltage is 239 households by December 2020)
- ✓ Developing renewable energy projects in separated islands (Tho Chau.....)
- ✓ Reducing greenhouse gas emissions, carrying out propaganda solutions to save electricity such as responding to the Earth Hour campaign; replacing incandescent lamps with compact lamps... Thereby, the statistical commercial electricity is 380 million kWh, down 17% compared to the expected commercial electricity according to the socio-economic development rate of 2020.

CO₂ reduction results and roadmap

- ✓ Invest in building domestic waste treatment plants in Bai Bon hamlet, Ham Ninh commune to take of waste sources to create products for human use (electricity, fertilizer...)
- ✓ Invest in building the electric bus system to serve the travel of people and tourists.
- ✓ Development of green areas in the transport system to reduce greenhouse gas emissions.
- ✓ Receive targeted budget support from the European Union (EU) in Vietnam's sustainable energy transition program has been issued-EU in decision 1367/QĐ-TTg dated July 28, 2021 of the Prime Minister in Viet Nam

Some disadvantages:

- On-going works and projects**
- Funding for science and technology**
- Investors with low carbon emission in mind**

ENVIRONMENT PROTECTION

- ◆ Phu Quoc always makes efforts to contribute to the socio-economic development in accordance with environmentally sustainable development.
- ◆ Phu Quoc has been expanding several programs and projects in the field of environment protection.

ENVIRONMENT PROTECTION

- ◆ Collecting and treating household waste in the whole locality have reached over 90 percent. (The total amount of household waste collected in 2020 is about 70,000 tons of garbage, on average about 300 tons/day)
- ◆ Phu Quoc does not have a centralized wastewater treatment system.
- ◆ Strengthening the inspection and supervision of production and business establishments and construction projects

Future plan of the LCMT in Phu Quoc

- Promote the application of science and technology.
- Exchange fuel, smart traffic technology and green transport to reduce greenhouse gas emissions.
- Save electricity from 5%, equivalent to a reduction of 19.500 tons of CO a year.
- Exploiting, rationally and effectively using land and natural resources; protect the primary forest ecosystem, continue to maintain the forest area.
- Building a regional environmental monitoring system, applying geographic information system (GIS)
- Controlling agricultural and forestry production activities and environmental monitoring system.

AIMS OF PHU QUOC

An aerial photograph of Phu Quoc island, Vietnam, showing a large body of water in the foreground and several wind turbines on a hill in the middle ground. The sky is clear and blue.

- Build Phu Quoc city to develop sustainably
- Harmonize economic development with conservation of historical and cultural relics and environmental protection

A vibrant tropical beach scene. The foreground shows large, smooth, tan-colored boulders on the left, with gentle waves washing over them. The water is exceptionally clear, showing a gradient from light turquoise near the shore to a deeper blue further out. In the distance, a small island or peninsula is visible, featuring a thatched-roof hut, several palm trees, and other lush vegetation. The sky is a brilliant blue, filled with large, fluffy white clouds. The overall atmosphere is bright, sunny, and serene.

**THANK YOU
FOR LISTENING!**