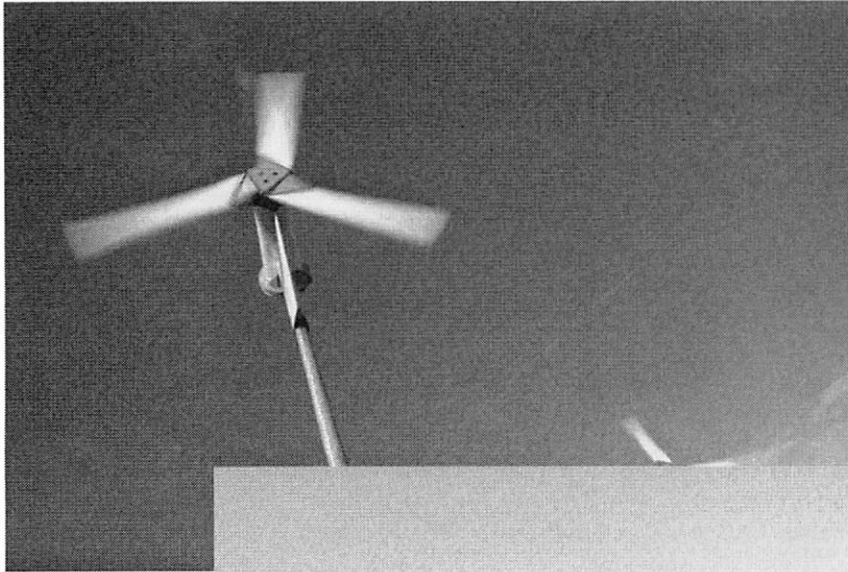


# Energy Security & Alternatives



Trinidad and Tobago

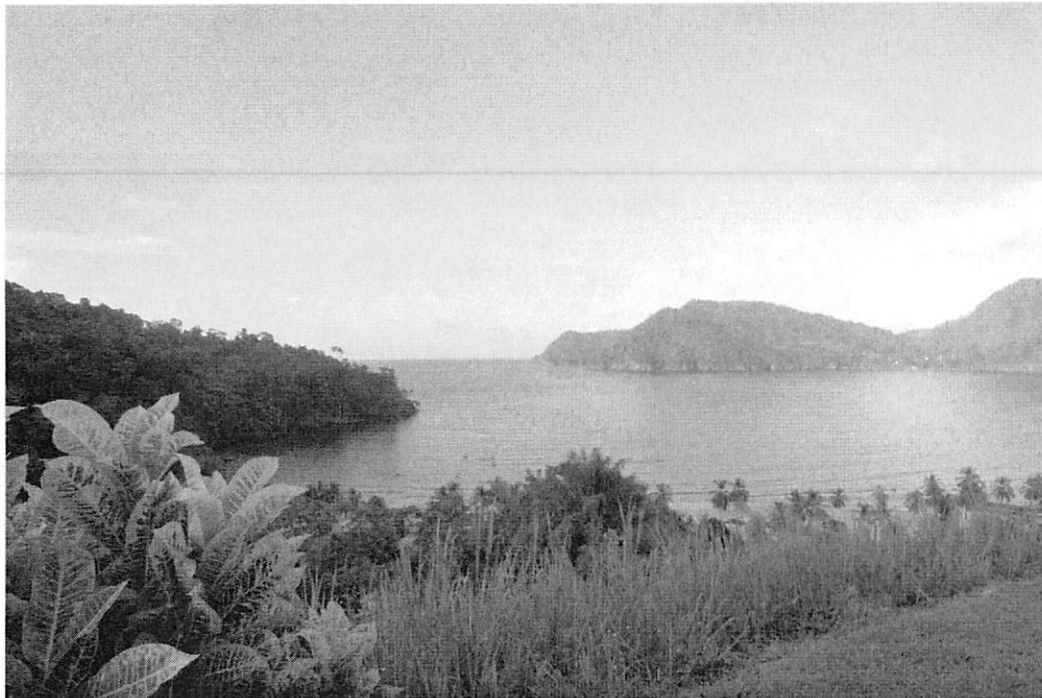


## Thank You

# The Caribbean Alternative



Trinidad and Tobago

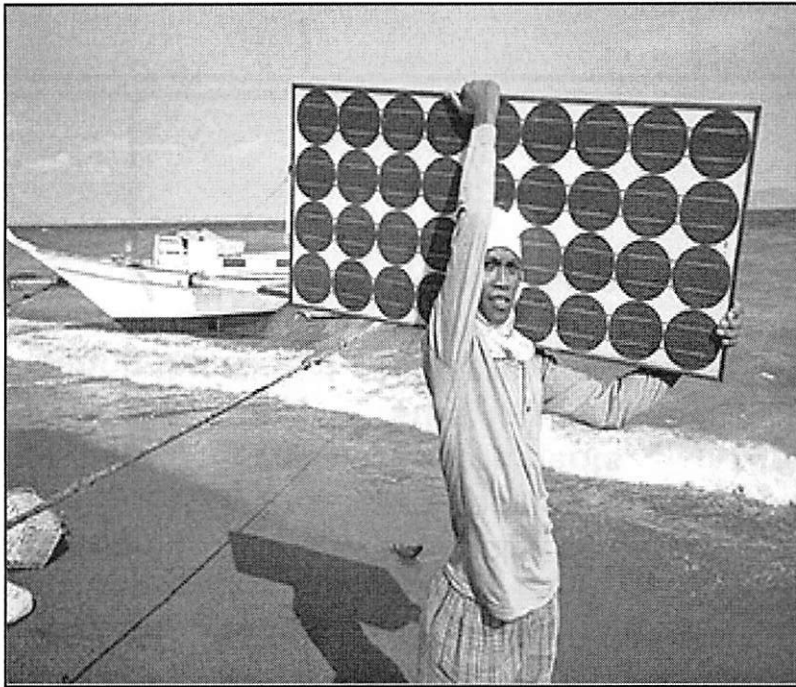


- **What is the Caribbean alternative?**
- **Energy security remains key**
- **What is our stance on carbon emissions?**
- **We need to come together to find solution**

# Seeking Alternatives



Trinidad and Tobago



**Alternative energy driven by:**

- **Energy security concerns**
- **Need to reduce carbon emissions**

**Enter BP Alternative Energy**

# The Carbon challenge



Trinidad and Tobago

**1997** BP publicly acknowledges the need for precautionary action to cut GHG emissions after exiting the Global Climate Coalition.

**1999** BP initiates the CO<sub>2</sub> capture project with other companies and governments, studying methods of capturing and storing CO<sub>2</sub> at power plants.

**2001** BP achieves its 2010 target nine years early, having reduced GHG emissions by energy efficiency projects and cutting flaring of unwanted gas.

**2003** Based on work at Princeton, BP sets out a range of technology options to stabilize GHG emissions over 50 years, including increases in solar, wind, gas-fired power and carbon capture and storage.

**2005** BP announces plans for the world's first industrial-scale hydrogen power plant. BP launches BP Alternative Energy

**1998** BP sets target to cut emissions from our operations to 10% below 1990 levels by 2010

**2000** BP begins funding the Carbon Mitigation Initiative at Princeton University, exploring solutions to climate change.

**2002** BP announces plans to build a wind farm at Nerefco, the Netherlands.

**2004** BP's solar business moves into profit and announces plans to double production. BP launches CO<sub>2</sub> capture and storage project at the In Salah gas field in Algeria.

# Threats to Energy Security



Trinidad and Tobago



- **More investment needed going forward**
- **The Caribbean needs to cooperate to find answers**
- **LNG, gas pipelines are options**



# Threats to Energy Security



Trinidad and Tobago



- **Prices set to remain high**
- **High prices put pressure on public debt**
- **Development impacted**

# A Caribbean Challenge



Trinidad and Tobago



- **Energy security is a challenge the Caribbean must face together**
- **The region is largely an importer of oil**
- **Where does alternative energy fit in?**



Trinidad and Tobago

# Energy Security & Alternatives

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