



Visit [www.adaptation-undp.org](http://www.adaptation-undp.org) to learn more about how you can be a part of the change.

- Ways you can help include:
- Proper disposal of waste
  - Recycling and reusing of waste products
  - Installing solar panels
  - Use other sources of renewable energy
  - Plant more trees
  - Installing rain water storage systems
  - Introducing crop management techniques
  - Implementing slope stabilisation techniques
  - Improve sustainable crop management techniques



**Be a part of the change**  
 You can help Dominica **BEAT THE CLOCK** against climate change.

**What is Climate Change?**  
 Climate change is the change in temperature and weather patterns due to increased emissions of greenhouse gases. Current temperatures are the warmest that the world has recorded in recent times and the rate at which temperatures are rising is faster than ever before.

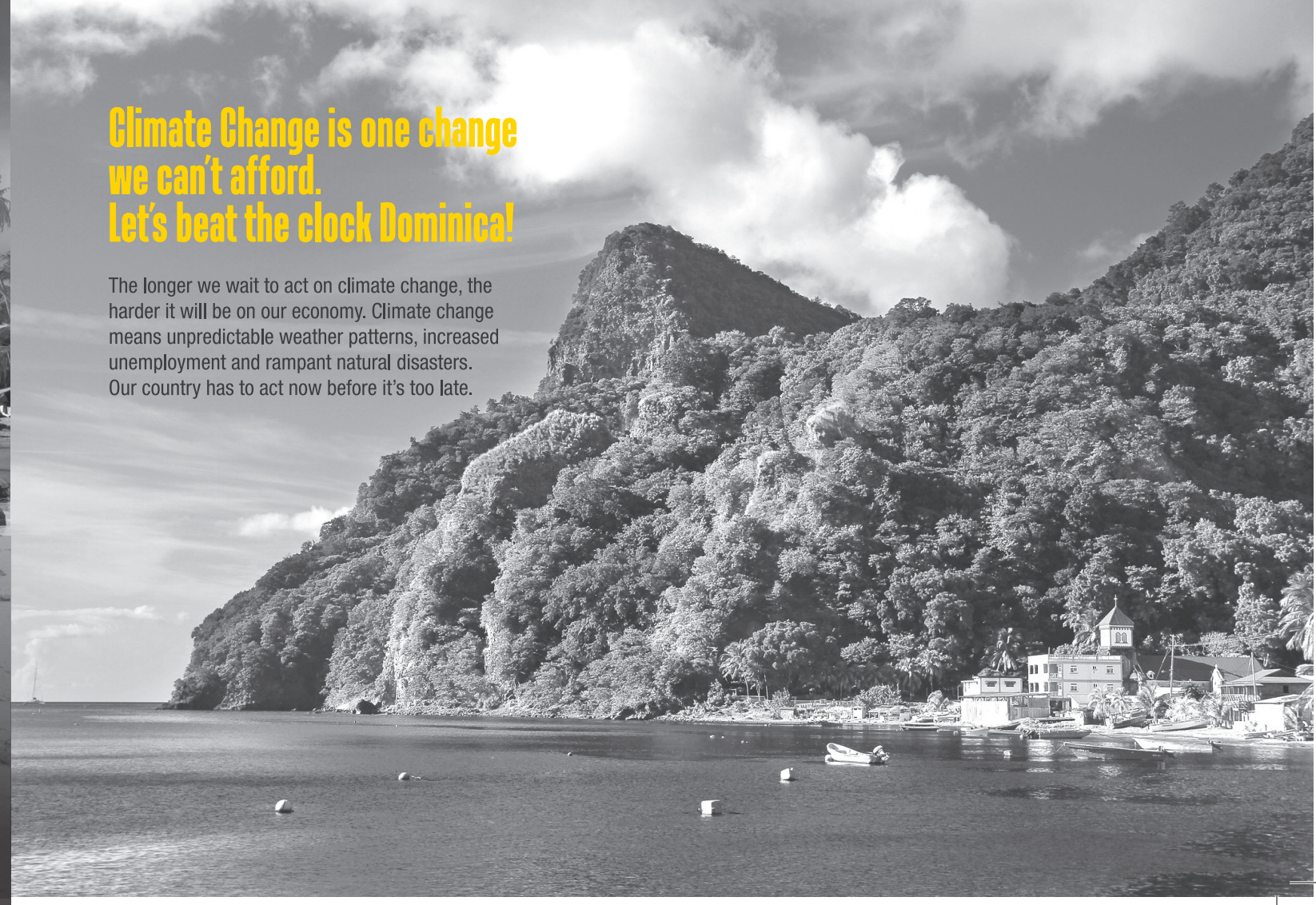
**The signs of climate change**

 <p>Lower crop and fish yields</p>	 <p>Severe water shortages and droughts</p>
 <p>Increased temperatures</p>	 <p>More intense natural disasters</p>
 <p>Rising sea levels</p>	

**BEAT THE CLOCK...  
 THE TIME TO ACT  
 IS NOW**

**Climate Change is one change we can't afford. Let's beat the clock Dominica!**

The longer we wait to act on climate change, the harder it will be on our economy. Climate change means unpredictable weather patterns, increased unemployment and rampant natural disasters. Our country has to act now before it's too late.



## The impact of climate change on Dominica

Dominica is already experiencing the effects of climate change through extreme weather events such as stronger storm surges, more rainfall linked to severe weather events, warming temperatures, and droughts. The country has been especially impacted by prolonged and stronger hurricanes. One notable result has been land slippage, which has cost Dominica millions of dollars in replacing and rebuilding damaged property.

### Infrastructure

A rise in sea level could cause beach erosions, and loss of coastal properties.

More unpredictable weather phenomena, such as hurricanes, could result in more instances of flooding, land shifts, landslides, fallen trees and utility lines.

Restoring and abandoning infrastructure damaged by natural disasters cost our economy millions of dollars.

### Deforestation

More than 60% of Dominica's landmass consists of tropical forests.

Hotter temperatures can have an impact on the survival of plants and animals that call the forest their home.

Intense hurricanes causing heavy rainfall and flooding cause a rise in pests and diseases.

### Crops

Rainfall, hurricanes, and rising temperatures caused by climate change can negatively impact agriculture – particularly our main crop – bananas.

A reduction in banana exports will cause the country to earn less foreign currency which impacts Dominica's overall GDP.

### Coastal ecosystems

Mangroves, marshes and bays can easily be destroyed by a natural disaster.

This affects the survival of various fish and plants that thrive in these bodies of water.

### Water resources

Changes in rain fall patterns could result in the reduction of some natural water courses on the island.

Uncommon heavy rainfall can cause water troughs to overflow and mix with soil, limiting access to clean water.

### Tourism

Natural disasters can destroy hotels and cause roads to become impassable.

Land slippage can impact popular hiking trails for our adventure tourism.

Higher sea temperatures can damage delicate coral reefs, impacting diving and fishing around the island.

The impact of climate change may therefore be significant for adventure and fishery tourism in Dominica.

### Environmental Coordinating Unit (ECU)

Ministry of Health & Environment

Roseau Fisheries Complex Building, Dame Eugenia Charles BLVD

Roseau, Commonwealth of Dominica

(767) 266-5256 [ecu@dominica.gov.dm](mailto:ecu@dominica.gov.dm) <http://ecu.gov.dm>

