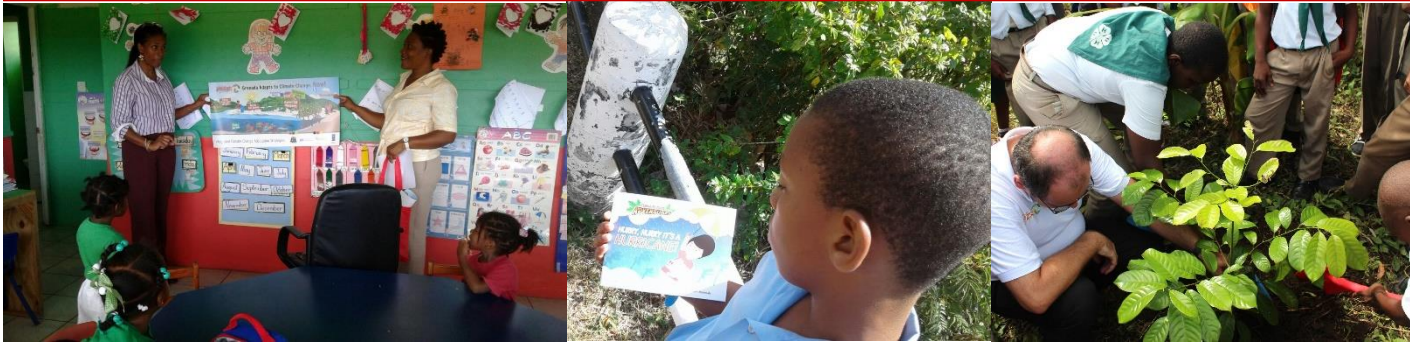




# Climate Change and Education



## Challenge

Every Grenadian child will feel the effects of climate change. Many of their parents are working in the tourism sector, in agriculture or fisheries where climate change's impacts will affect their working habits and their income. Whilst small children in primary school are aware that Grenada is under threat, their knowledge of climate change science and solutions to mitigate and adapt to its impact is not sufficient for preparing the country to the challenge ahead.

Changes in behaviour are a long term process and it might take at least one generation to introduce sustainable production and consumption patterns that are in line with nature, such as investments of energy efficient refrigerators or air conditioning, the avoidance of plastics or the implementation of water saving measures.

## Partners

The Government of Grenada and the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) are jointly undertaking the Pilot Programme on Integrated Climate Change Adaptation Strategies (ICCAS). The ICCAS programme is funded with 6.8 Million Euro by the BMU under its International Climate Initiative (IKI) and runs from October 2012 to January 2019. It is being implemented by the Environment Division of the Ministry of Ministry of Climate Resilience, the Environment, Forestry, Fisheries, Disaster Management, and Information, the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and the United Nations Development Programme (UNDP).

## Objective

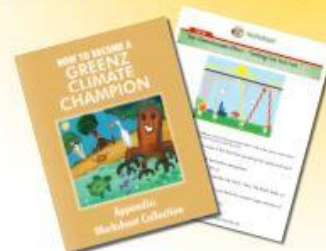
A central element of the ICCAS Programme is to strengthen Grenada's youth knowledge about climate change science and the solutions to mitigate and adapt to its impacts.



### A Teacher's Toolkit with Teacher's Guide and 8 Units



### A Worksheets Book



### A Student's Passport



## Approach

The ICCAS project is working closely together with Ministry of Education on integrating climate aspects into the public education system. This includes the technical support and advisory services in the work with the schools, principal's meetings and district meetings with the teachers, as well as the provision of publication material, educational games and other information.

## Achievements

Under the ICCAS project, a number of tools were developed and activities undertaken to insure the mainstreaming of climate change knowledge in the education system. These activities include:

- **Greenz Climate Champion Toolkit and teacher's training:** A Grenada-specific toolkit to introduce climate change at the primary school level was developed through a consultative effort together with 49 schools and more than 160 teachers were trained in the application of the toolkit and climate change integration into their classes (<http://www.gov.gd/articles/greenz-champion/greenz-climate-champions.html>).
  - **Climate Kids Adventure story books:** one of the projects financed under the Community Climate Change Adaptation Fund included the development of two story books and an educational mobile app. The book was printed in over 3,000 copies and distributed in schools nationwide as well as during several exhibitions and events where public story reading was also staged (<http://climatekids.gd/>);
  - **Science fairs:** GIZ and the Environment division have partnered with the Ministry of Education in the Revival of the National Science Fair. This fair will exemplify how climate change ties in with topics in Science, Technology, Engineering and Mathematics (S.T.E.M). First Science days were held in each district where the students showcased their projects. Four district science fairs have already been completed, the winners from each district will then compete at the national level. The projects presents addresses climate change
- School visits:** a number of school visits have been undertaken during the course of the project with partners such as 4H clubs and the Environment Division to raise the awareness of the students about the impacts of climate change and adaptation strategies they can implement at their schools or at home.
- A presentation on climate smart agriculture was developed specifically for schools and given to the 4H clubs on CSA practices. The presentation introduced them to the principles of climate change, climate-smart agriculture (CSA) and how the CSA practices can be used in their school gardens.
  - ICCAS co-sponsored the NAWASA's World Water Day Observance activities 2015 under the theme '*Water and Sustainable Development*'. The activities that were specifically targeting schools were (i) Primary school – jingle competition; (ii) Secondary school – Water Warz competition; (iii) 'Tap close – School open community initiative'; and (iv) Adopt a school campaign – Presentation Brothers College.

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