Component 4.2. Increasing awareness (UNDP-ICCAS)

Grenada is already affected by the adverse effects of climate change and Grenadian people express their displeasure with small yields (for farmers), depleting fish stocks (for fishermen), low water levels in water reservoirs, and the list goes on. Because of the lack of awareness and research base data about climate change in Grenada, many people still do not understand the link between the impacts they feel, climate change and what they can do to be less vulnerable.

Under its awareness component, the ICCAS project continuously disseminates information that helps to create awareness about climate change causes, effects and climate smart action people can take to adapt. It also help Grenadian understand how climate change affects other national priorities (health, food security, availability of water, etc.) to win supporters for the implementation of climate adaptation measures.

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A media strategy was implemented which included radio and TV Public Service Announcements, media coverage of activities of the ICCAS project and the Environment division and a bi-weekly environment radio show on WEE-FM.

Social Media – Facebook, Twitter and Youtube to disseminate information about the actions of ICCAS but also Climate Change information in general.

12 billboards have been erected around Grenada, Carriacou and Petit Martinique to inform the public on strategies to adapt to climate change as well as to raise awareness on the invasive red lion fish.

Social activities: Climate Change Walk, Climate Change Football Cup as well as presence at numerous festivals and events.

Project launches: 10 CCCAF projects held launches to raise the level of awareness of the projects and to demonstrate how adaptation is working at community level.

Telling the ICCAS story through Adaptation Videos: Video footage covering activities on the implementation of the ICCAS activities and CCCAF projects have been produced and disseminated through social media and other educational/information forums.

A dedicated website to ICCAS project and approach to adaptation is online at www.iccas.gd

A schools debate was organized on climate change where over 236 children participated.

Public transport campaign: The “Grenada Adapts to Climate Change Walk” artwork was placed on 7 public buses travelling in different bus routes in Grenada and Carriacou.

Example of awareness actions

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Grenada Adapts to Climate Change. Now!

Challenges

As a small island in the southeastern Caribbean Sea, Grenada is particularly vulnerable to the adverse effects of climate change. Extreme events such as hurricanes are likely to become more intense in the future. Extensive dry seasons in the past years had substantial adverse effects on water resources and the agriculture sector. Projections indicate a strong likelihood of reduced annual rainfall as well as rising sea level. Whilst Grenada has developed many policies and strategies to adapt to climate over the years, a strategic and comprehensive approach was needed, including coordination across sectors and the implementation of concrete measures.

Objective

The overarching goal of the programme is to increase resilience of vulnerable communities and ecosystems to climate change risks in Grenada through integrated adaptation approaches.

Approach

The programme offers an integrated approach by linking activities on the ground with national policies and upscaling success pilot projects to comprehensive intervention packages.

Partners

The Government of Grenada and the German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) are jointly undertaking the Pilot Programme on Integrated Climate Change Adaptation Strategies (ICCAS). The ICCAS programme is funded with 4.2 Million Euro by the BMUB under its International Climate Initiative (IKI) and runs from October 2012 to December 2018. It is being implemented by the Environment Division of the Ministry of Education, Human Resource Development & The Environment (MOEHRDE), the Deutsche Gesellschaft für internationale Zusammenarbeit (GIZ) and the United Nations Development Programme (UNDP).

As of April 2017

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Impacts – What has been achieved so far?

Component 1 – Mainstreaming Adaptation (GIZ-ICCAS)

The ICCAS programme supports the Government of Grenada’s efforts to integrate adaptation into national development strategies and sector plans. More than 160 representatives from government and private actors provided input on the country’s first National Adaptation Plan (NAP). The NAP identifies concrete needs and objectives within the different sectors, including water, food security, coastal zone management, resilient infrastructure, disaster risk reduction and disease prevention, that give potential donor concrete ideas about financing opportunities for climate projects. Along with the NAP, the program supported the update of the National Climate Change Policy as an umbrella document for mitigation and adaptation action and the key document for the national climate strategy of the country.

Achievements

- Climate change considerations have been integrated into Grenada’s National Growth and Poverty Reduction Strategy (2014-2018), the National Agriculture Plan, the Strategic Health Plan (2016-2025) and internal planning processes of the Ministry of Agriculture.
- Cabinet agreed to climate-proof the new National Sustainable Development Plan (2016-2030) which is currently being developed.
- More than 60 technical officers from different ministries were introduced to the “Caribbean Climate Online Risk and Adaptation Tool” (CCORAL); Approx. 70 government projects have been screened for potential climate risks, which give an indication whether the planned project is climate-influenced. All new projects under the Government’s Public Sector Investment Programme now have to conduct a CCORAL screening.
- A Grenada specific climate change teaching kit was completed. 49 schools participated in the development of the “Grenz Climate Champion Toolkit” and 900 children have received their climate change passports.

Climate Smart Agriculture

- A total of 45 officers were trained as trainers in climate-smart agriculture (CSA) practices.
- Extension officers were trained to use the Response-induced Sustainability Evaluation Tool (RISE) during which 3 farms were evaluated and recommendations were given to improve the sustainability of the farms. Follow-up visits showed that the farmers implemented the recommendations and were satisfied with the results.
- CSA techniques were integrated in the work-plans 2016 of various divisions of the Ministry of Agriculture. The extension division’s monitoring sheets were updated to include CSA practices.
- Support for a training institute for CSA was provided, and six additional sites with CSA practices were established as a result of the permaculture design trainings provided.
- A demonstration plot for composting has been established and the farmer continues to host farmer-to-farmer knowledge exchange sessions.

Component 3 - Community Climate Change Adaptation Fund (UNDP-ICCAS)

The Community Climate Change Adaptation Fund (CCCAF) is at 60% of delivery with twenty five (25) Community Projects under implementation at various stages. These projects include activities related to the sectors of agriculture and water (6 projects), public water storage (2), education and awareness (5), flood protection (3), ridge to reef management (1), recycling (2), marine and coastal management (6). The Government of Grenada views the CCCAF as an extremely important and sustainable initiative that will help vulnerable communities adapt to climate change and provide much needed livelihood opportunities. Seven of the 29 CCCAF projects have already been completed.

Component 4.1 – Enabling access to finance (GIZ-ICCAS)

While Grenada contributes comparatively little to global warming in absolute terms, the small developing island state is greatly affected by changes in climate patterns and their consequences. Domestic investment to increase resilience competes for funds with other national priorities, such as health or social services. The country therefore relies on increased external climate finance support. In order to be able to access, absorb and process sufficient finance to fund implementation of the Nationally Determined Contributions and the NAP Grenada receives assistance though the ICCAs project.

Example of Projects funded under CCCAF

- “Climate Change Resilience & Flood Mitigation Initiative” – This intervention is located at the Bishop’s College Secondary School in Carriacou and focuses on the refurbishment and expansions of the existing drainage system to allow for a more effective redirection of flood waters during time of heavy rainfall. This solution is also expected to have an impact on the quality of education, given the possibility of fewer disruptions due to flooding.
- “Ice box investment for the post-harvest of marine resources and quality assurance of sea foods” – 30 fishermen in the community of Grenville have been facilitated with the fabrication and installation of ice boxes customized to their boat using insulation materials. This measure responds to climate induced problems of preserving quality of fish catch.

Achievements

- A Climate Finance Readiness Action Plan has been developed.
- A National Designated Authority (NDA) for the Green Climate Fund (GCF) has been established.
- 20 experts have been trained to support Grenada’s access to climate finance, including training on GCF’s Environmental and Social Safeguards.
- Technical assistance for a proposal for readiness support from the GCF was provided.
- Grenada’s first project proposal for the GCF “Climate Resilient Water Sector in Grenada” is currently being developed.
- Climate change expenditure reviews for the budget 2015 and 2016 were conducted.