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Conducting a diagnosis of vulnerability to climate change and the development of an energy and climate action plan in the municipalities of Méri, Mbé and Petté in the far-north region of Cameroon

## Impact Description

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<b>Impact Statement</b>	
Challenge	<p>The agricultural sector is the driving force of Cameroon’s economy. Nonetheless, other sectors as well, such as water, sanitation and health are already affected by disasters related to climate change, such as droughts, more frequent and severe storms and floods. These events endanger the economic and social well-being of the population in Cameroon. The far north of Cameroon is particularly affected. The low level of knowledge of practical adaptation and mitigation methods makes these sectors and communities - particularly women and youth - very vulnerable to climate change impacts.</p>
CTCN assistance	<ul style="list-style-type: none"> <li>• Develop a vulnerability matrix for the diagnostic of climate change impacts for the municipalities of Petté, Méri, and Mbé;</li> <li>• Identify 2 pilot projects by municipality to ensure that affected sectors and vulnerable populations can adapt efficiently to the effects of climate change;</li> <li>• Provide trainings and awareness campaigns on climate change mitigation and adaptation to municipal officers and the population of each municipality;</li> <li>• Develop a local action plan on adaptation and mitigation to climate change for each municipality.</li> </ul>
Anticipated impact	<ul style="list-style-type: none"> <li>• Increase resilience of ecosystem services</li> <li>• Better understanding of climate change impacts at local level,</li> <li>• Diversifying livelihoods and adapting agricultural, fishing and forestry practices,</li> <li>• Contingency plans and disaster risk management plans in agriculture taking into consideration new and evolving risk scenarios,</li> <li>• Safeguarding food security and ensuring that benefits include market and technology promotion and encouraging participatory processes</li> <li>• Enhanced education and capacity building to the effects of climate change to vulnerable populations and identification of practical solutions.</li> <li>• Increased capacity of buildings (residential for example) to face Climate Change impacts.</li> </ul>
Anticipated co-benefits from the TA	<p>Part of the co-benefits would be directly related to the main sectors identified and pilot projects selected, but anticipated co-benefits could be for example:</p> <ul style="list-style-type: none"> <li>• Job creation</li> <li>• Improving working conditions for women</li> <li>• Improving the living conditions of populations</li> <li>• Reforestation</li> <li>• Reduction of greenhouse gases</li> <li>• Decrease in high dry winds</li> </ul>

	<ul style="list-style-type: none"> <li>• Rebuilding plant and animal biodiversity</li> <li>• Better economic profitability</li> </ul>
<p>Gender aspects of the TA</p>	<p>The technical assistance will be supported by a gender analysis throughout the following activities:</p> <ul style="list-style-type: none"> <li>• The vulnerability matrices of each community will be developed through a participative process which includes a first “kick-off meeting” with municipal officers and with the vulnerable population (populations of the most affected districts). Following these discussions with main concerned population, youth and women, vulnerability matrices will be reviewed, and final results presented within a First National Meeting.</li> <li>• Pilot projects for adaptation to climate change will be prioritized through a participative process, in which vulnerable population (youth and women) will be considered. The selection process of pilot projects will be done based on CTCN’s Gender Mainstreaming Tool for Response Plan Development.</li> <li>• Trainings to municipal officers in the three cities will also include a gender and youth dimension (whenever possible).</li> <li>• In the public awareness campaigns oriented to the civil society there will be a focus on vulnerable groups such as youth and women to discuss the impact of climate change and possible options to adapt to these effects.</li> <li>• One activity will be dedicated fully to gender related aspects: A study will be conducted to identify appropriate mechanisms and tools to integrate women and youth into decision-making on energy and climate issues.</li> <li>• The three action plans that will be developed will include outputs of the previous study and thus respect and encourage women, youth and vulnerable population’s empowerment.</li> </ul> <p>Gender benefits expected:</p> <ul style="list-style-type: none"> <li>• Empowerment of vulnerable populations through their active participation in the design of the vulnerability matrices, selection of pilot projects and definition of Climate Change action plans.</li> <li>• Increased knowledge on climate change impacts, gender-related vulnerabilities and needs through trainings, and awareness campaigns.</li> <li>• Increased capacity and empowerment to detect potential risks and apply simple practical decisions on energy and climate issues.</li> </ul>
<p>Anticipated contribution to NDC</p>	<p>The CTCN assistance supports the NDC of the Republic of Cameroon as it contributes to the main measures and programs contemplated by the NDC:</p> <p>Section 2: Mitigation;</p> <ul style="list-style-type: none"> <li>• Self-sufficiency research, food security, agribusiness development</li> <li>• Improving productivity and competitiveness of the municipalities</li> <li>• Improve the access of populations and industries to electricity</li> <li>• Increase the use of renewable energies in electricity production, especially in areas that are difficult to connect to electrical network</li> </ul>

	<ul style="list-style-type: none"> <li>• Make energy efficiency a national priority</li> </ul> <p>Section 3: Adaptation:</p> <ul style="list-style-type: none"> <li>• Improve knowledge on climate change</li> <li>• Inform, educate and mobilize the Cameroonian population to adapt to climate change</li> <li>• Reducing vulnerability to climate change in main agro-ecological sectors and areas of the country</li> <li>• Integrate adaptation to climate change into national sectoral strategies and policies</li> <li>• Adaptation of the national gender policy and reduction of their vulnerability to climate change</li> </ul>
<p>The narrative story</p>	<p>The Government of Cameroon requested assistance through the CTCN to address climate change impacts in the north of Cameroon and the low level of knowledge of practical adaptation and mitigation methods, which threatens the economic and social well-being of the most vulnerable sectors (agricultural, water, sanitation and health) and communities (women and youth).</p> <p>Municipal officers and population of the three municipalities selected (Petté, Méri and Mbé) will be trained on climate change vulnerability and receive technical support to detect best adaptation practices in order to increase their resilience to climate change and protect most vulnerable sectors and populations. Two pilot projects per municipality will be prioritised through a participative process in which vulnerable groups such as women and youth will be involved with the aim to access practical solutions to fight climate change effects. At the end, three mitigation and adaptation plans will be developed (one per municipality) all with a special focus on the most vulnerable groups, women and youth.</p> <p>The CTCN assistance supports the adaptation strategy identified in its Intended Nationally Determined Contributions (INDC) as well as its National Adaptation Plan to Climate Change (PNACC), and aims to increase the knowledge and capacity of its population, to anticipate impacts and increase resilience to climate change.</p>
<p>Contribution to SDGs</p>	<ul style="list-style-type: none"> <li>• SDG 13 – this technical assistance will improve education, awareness-raising and human and institutional capacity on climate change in Petté, Méri, and Mbé and enable their population to strengthen their resilience and adaptive capacity to climate-related hazards, specially of the most vulnerable sectors and communities.</li> <li>• SDG 16 – this technical assistance will increase the knowledge regarding mechanisms and tools to reduce imbalances in decision-making on energy and climate issues to help ensure women’s equal opportunities for leadership.</li> <li>• SDG 2 – depending on the results of the vulnerability matrices and pilot projects identified, this technical assistance will probably support Petté, Méri, and Mbé in implementing resilient agricultural practices that increase productivity and productions while helping maintain ecosystems that strengthen capacity for adaptation to climate change and improve land and soil quality.</li> </ul>

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