

<b>Title of case study*</b>	Bolsa Floresta Programme: Helping riverine communities in the Amazon
<b>Date of submission*</b>	31/05/2013
<b>Name of organization(s)*</b>	Bradesco Bank; Amazonas Sustainable Foundation; Amazonas State Government
<b>NWP Objective*</b> <i>Select the objective(s) of the NWP that the case study responds to.</i>	<p>The objective of the Nairobi work programme is to assist all Parties, in particular developing countries, including the least developed countries (LDCs) and small island developing States (SIDS), to:</p> <p><input type="checkbox"/> <b>improve their understanding and assessment</b> of impacts, vulnerabilities and adaptation to climate change; and</p> <p><input checked="" type="checkbox"/> <b>make informed decisions on practical adaptation actions and measures</b> to respond to climate change on a sound scientific, technical and socio-economic basis, taking into account current and future climate change and variability.</p>
<b>Objective of case study*</b> <i>Describe the specific objective of case study.</i>	<p>The Bolsa Floresta Programme (BF) is divided in 4 components, three community-based investments and one family-based direct payment. This case study is focused on the BF “Social component” - a community-based investment which provides aid on transportation, education, health, communication and basic infrastructure (e.g., energy and sanitation) for 37+ thousand families within remote areas of the Brazilian Amazon. The main goal of this component is to improve riverine communities’ welfare and conserve the Amazon</p>
<b>Actions*</b> <i>Describe the activities to meet the case study objective, highlighting organizations, communities and/or experts to be engaged.</i>	<p>The Bolsa Floresta Programme is a policy of the State of Amazonas implemented by Amazonas Sustainable Foundation (FAS) – a private institution – created between a partnership of the Amazonas State Government and Bradesco Bank. The Bolsa Floresta Social component (BF-S) intends to improve riverine communities’ welfare by providing education, health, transportation, communication and infrastructure. By that, FAS and its partners are helping to conserve the biggest biodiversity hotspot in the world and then preventing climate change impacts such as soil depletion, lack of drinking water, lack of fishes and difficulties in transportation. At the same time these actions help those communities to better face extreme events such as droughts or floods that have been more frequent in the region due to climate change.</p> <p>Since 2007, Bradesco Bank and other partners have been making investments to assist remote communities to build climate resilience and adapt to the adverse impacts of climate change by:</p> <ul style="list-style-type: none"> <li>• Acquiring and installing radio centrals to improve communication among the communities;</li> <li>• installing artesian well and river water capture system in order to provide drinking water to isolated communities;</li> <li>• purchasing boats to help children transportation to school, particularly important in the events of extreme flooding; and</li> <li>• providing power generators to assist these communities to store refrigerated food, a crucial factor in seasons with prolonged droughts and floods.</li> </ul>

<p><b>Expected results*</b> <i>Describe the envisaged outputs/benefits of the case study/</i></p>	<p>All these investments, together with capacity building, have been improving people's welfare as well as helping to conserve communities' natural environment. As an outcome, communities have been able to:</p> <ul style="list-style-type: none"> <li>• safeguard natural ecosystems and thus protect their planting fields from soil depletion;</li> <li>• capture river water and rain harvest for daily tasks such a cooking and drinking water for animals;</li> <li>• access drinking water from artesian wells together with learning cleaning techniques (capacity building). This has been crucial to prevent diseases by contaminated water mainly among children and especially during drought seasons;</li> <li>• enjoy communication tools as means to access information necessary for better land management; and</li> <li>• enhance integration with other communities to either make business or to help each other on extreme natural events.</li> </ul> <p>And by investing in basic infrastructure, it is expected to improve people to get drinking water, better schools, better energy supply and capacity building, issues that are also critical to remote areas that in some cases can get fully isolate.</p>
<p><b>Indicators of achievement*</b> <i>Describe any quantitative and/or qualitative indicator to show that the objective of the case study has been achieved.</i></p>	<p>In 2012, it FAS installed 110+ radio centrals within isolated communities, built 100+ river water capture systems, dug 10+ artesian wells, purchased 40+ power generators, organised 94 participatory workshops with communities to discuss better solutions to be implemented (with 5.1+ thousand participants).</p>
<p><b>Region(s) relevant to case study*</b></p>	<p><input type="checkbox"/> All regions  <input checked="" type="checkbox"/> Africa  <input type="checkbox"/> Arab States  <input checked="" type="checkbox"/> Asia  <input checked="" type="checkbox"/> Caribbean  <input checked="" type="checkbox"/> Central America  <input type="checkbox"/> Europe  <input checked="" type="checkbox"/> Least Developed Countries  <input type="checkbox"/> North America  <input type="checkbox"/> Pacific  <input type="checkbox"/> Polar regions  <input type="checkbox"/> Small Island Developing States  <input checked="" type="checkbox"/> South America</p>
<p><b>Country(ies) relevant to case study</b></p>	<p>Brazil</p>
<p><b>Business sector of the organization(s)*</b></p>	<p><input type="checkbox"/> Intergovernmental organization  <input type="checkbox"/> National/regional programme/initiative  <input checked="" type="checkbox"/> Non-governmental organization  <input checked="" type="checkbox"/> Private sector entity  <input type="checkbox"/> Research institute  <input type="checkbox"/> UN organization/agency</p>

\* Mandatory fields

<sup>1</sup>More information on the Nairobi work programme work areas is available at: <<http://unfccc.int/nwp>>

**Disclaimer:** These business cases have been cited to raise awareness about the engagement of the private sector in climate change adaptation. The information in the business cases has been provided either directly by the organization or obtained from a public source. The UNFCCC Secretariat has not verified the information and takes no responsibility for it. Users are therefore advised to verify the information before they take any action relying on the information provided in the business cases.

<b>Adaptation sector relevant to case study*</b>	<input checked="" type="checkbox"/> Capacity building, education and training <input checked="" type="checkbox"/> Energy <input type="checkbox"/> Finance and insurance <input checked="" type="checkbox"/> Food, agriculture, forestry and fisheries <input checked="" type="checkbox"/> Human health <input type="checkbox"/> Oceans and coastal areas <input type="checkbox"/> Science, assessment, monitoring and early warning <input type="checkbox"/> Technology and Information & Communications Technology (ICT) <input type="checkbox"/> Terrestrial ecosystems <input type="checkbox"/> Tourism <input checked="" type="checkbox"/> Transport, infrastructure and human settlements <input checked="" type="checkbox"/> Water resources
<b>Adaptation activity delivered by case study*</b>	<input checked="" type="checkbox"/> Capacity building <input type="checkbox"/> Climate-resilient development planning <input checked="" type="checkbox"/> Communications and awareness-raising <input type="checkbox"/> Disaster risk reduction <input type="checkbox"/> Early warning systems <input checked="" type="checkbox"/> Education <input type="checkbox"/> Financial support <input checked="" type="checkbox"/> Humanitarian assistance <input checked="" type="checkbox"/> Knowledge management <input checked="" type="checkbox"/> Monitoring and evaluation <input checked="" type="checkbox"/> Pilot adaptation programmes/projects <input type="checkbox"/> Risk/vulnerability mapping <input type="checkbox"/> Training
<b>Work areas of the NWP*<sup>1</sup></b> <i>Select among the nine work areas of the NWP that apply to the case study.</i>	<input checked="" type="checkbox"/> Adaptation planning and practices <input type="checkbox"/> Climate modelling, scenarios and downscaling <input type="checkbox"/> Climate-related risks and extreme events <input type="checkbox"/> Data and observations <input type="checkbox"/> Economic diversification <input type="checkbox"/> Methods and tools <input type="checkbox"/> Research <input checked="" type="checkbox"/> Socio-economic information <input checked="" type="checkbox"/> Technologies for adaptation
<b>Target group*</b>	<input type="checkbox"/> Academics <input type="checkbox"/> Children <input checked="" type="checkbox"/> Communities <input checked="" type="checkbox"/> Policy makers <input type="checkbox"/> Practitioners <input checked="" type="checkbox"/> Private sector <input type="checkbox"/> Women
<b>Link</b> <i>Further information on relevant websites.</i>	<a href="http://www.fas-amazonas.org">www.fas-amazonas.org</a>
<b>Description</b> <i>Provide a title and brief description of the picture and of the case study.</i>	Pro-Chuva Programme (raining water capture system); Radio central makes communication able between communities in remote areas of the Amazon; Community workshop: participatory approach of the Bolsa Floresta Programme to decide investments at each community ; Extreme drought sequence at the Tumbira creek

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Radio Central/Caio Palazzo



Community workshop/Tomás Viana



Artesan well/Caio Palazzo

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