

Title of case study	Adaptation for Smallholders to Climate Change (AdapCC)
Name of organization(s)	Cafédirect and GIZ
Business sector	Food and Beverages
Region(s) relevant to case study	<input type="checkbox"/> All regions <input checked="" type="checkbox"/> Africa and the Arab States <input type="checkbox"/> Asia and the Pacific <input checked="" type="checkbox"/> Caribbean and Central America <input type="checkbox"/> Europe <input type="checkbox"/> Least Developed Countries <input type="checkbox"/> North America <input type="checkbox"/> Polar regions <input type="checkbox"/> Small Island Developing States <input checked="" type="checkbox"/> South America
Country(s) relevant to case study	Peru
Adaptation sector(s) relevant to case study	<input checked="" type="checkbox"/> Business <input type="checkbox"/> Education and training <input checked="" type="checkbox"/> Food security, agriculture, forestry and fisheries <input type="checkbox"/> Human health <input type="checkbox"/> Oceans and coastal areas <input type="checkbox"/> Science, assessment, monitoring and early warning <input checked="" type="checkbox"/> Terrestrial ecosystems <input type="checkbox"/> Tourism <input type="checkbox"/> Transport, infrastructure and human settlements <input checked="" type="checkbox"/> Water resources <input type="checkbox"/> Other (please specify):
Adaptation activity	<p>Adaptation for Smallholders to Climate Change (AdapCC) is a Private Public Partnership between Cafédirect and GIZ. AdapCC supports coffee and tea farmers in developing strategies to cope with the risks and impacts of climate change. The pilot initiative was implemented between April 2007 and February 2010, with a focus on six countries: Mexico, Nicaragua, Peru, Kenya, Tanzania and Uganda.</p> <p>Poor agricultural smallholders in rural areas will be highly susceptible to the expected impacts of climate</p>

	<p>change, due to a lack of information, adaptation capabilities and access to financial and technical support schemes. These smallholders will be affected by the reduction of soil fertility, extreme water shortages and droughts, and increasing pest attacks. AdapCC aims to mitigate the risks that coffee and tea farmers in Latin America and in East Africa will be exposed to.</p> <p>As one of the four pilot groups of AdapCC, CEPICAFE investigated linking adaptation among its coffee farmers in the Sierra Piura, Peru to the voluntary carbon market. To ensure enough carbon reduction credits were generated to make the project viable, in addition to adding more shade trees to the coffee farms at 1,200m, a reforestation project was undertaken with the higher altitude communities near the town of Choco.</p>
<p>Cost-benefit</p>	<p>By reforesting the degraded grasslands higher up at 3,200m, the project enables the local people, who live almost completely off subsistence agriculture, to receive a rare source of income by managing the tree nurseries and planting the seedlings. They also own the trees, which are growing on communal land, and will eventually be able to sell sustainably harvested wood. 10% of the income will go to CEPICAFE, a unique example of using mitigation (or capturing carbon) to fund adaptation (or adjusting to the effects of the climate). As the coffee farmers and the Choco villagers share the same watershed, the reforestation benefits both areas by preventing erosion and strengthening the river eco-system that connects them.</p> <p>As Cafédirect depends on a reliable supply of coffee for its products, it makes good business sense to ensure the resilience of suppliers' coffee farms, livelihoods, and surrounding ecosystems in the face of a changing climate.</p>
<p>Click for further information on Cafédirect Click for further information on AdapCC Click for further information on CEPICAFE</p>	



This wall was recemented to capture river water and feed it into a canal running near all the farms.

Source: <http://www.cafedirect.co.uk>



A “barrera muerta” or “dead barrier” to catch soil and water as it runs down hill

Source: <http://www.cafedirect.co.uk>



Justo and Antonio standing proudly with a “Cedro rosado” shade tree. He’s planted 210 of them in his farm in the last 3 years!

Source: <http://www.cafedirect.co.uk>