


Title of case study	Adapting to Climate Changes for Potato Production in The Andes
Name of organization(s)	PepsiCo South America, Caribbean and Central America Foods
Business sector	Food & Beverages
Region(s) relevant to case study	<input type="checkbox"/> All regions <input 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 checked="" 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	South America, Caribbean and Central America countries
Adaptation sector(s) relevant to case study	<input type="checkbox"/> Business <input checked="" type="checkbox"/> Education and training <input checked="" type="checkbox"/> Food security, agriculture, forestry and fisheries <input checked="" type="checkbox"/> Human health <input type="checkbox"/> Oceans and coastal areas <input checked="" type="checkbox"/> Science, assessment, monitoring and early warning <input 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>PepsiCo South America, Caribbean and Central America Foods have been developing a series of projects which aim at making a more sustainable agriculture feasible in the countries where it is inserted. The agricultural suppliers received all technical support for a more conscious use of natural resources, the development of better working conditions and an improved productivity. IPCC projections (IPCC Fourth Assessment Report 2007 www.ipcc-wg2.org) pinpoint an increase in temperature in the Andes almost twice as high as the global average, which reflects in climate alterations and in the local agricultural production, having a direct impact on the potato producers in this region. Among the main projects</p>

	<p>of PepsiCo are: Raising awareness among producers to the impacts of climatic changes, stimulating agricultural practices which aim at reducing the emission of Greenhouse Gases (GHG), and the optimization in the use of water by improving its availability. Also, investing in projects to promote the maintenance of the biodiversity of potato species and the discovery of new species, more adaptable to the effects of the climate changes. These objectives have motivated PepsiCo to create, in Peru, the PepsiCo's Agricultural Development Center.</p>
<p>Cost-benefit</p>	<p>The investment in the PepsiCo's Agricultural Development Center project is estimated in more than US\$ 3 million since Peru is the only place in the world where PepsiCo does not make use of traditional white potato, but also of other varieties of native potato. The expected benefits are:</p> <ul style="list-style-type: none"> - Raising awareness among producers of their actions and the impact in climatic changes; - Decreasing the emission of GHG during the production of PepsiCo's snacks; - Maintaining the biodiversity of potatoes; - Improving the availability and quality of water in these regions; and - Increasing productivity
<p>PepsiCo's Agricultural Development Center</p> <p style="text-align: center;"> CLICK FOR MORE INFO  </p>	

Native Potatoes



Mashua



Source: PepsiCo South America, Caribbean and Central America Foods