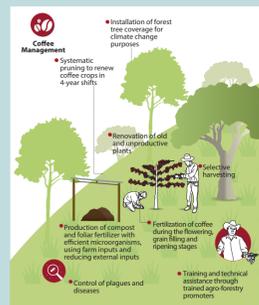


# Transforming smallholder–private sector relationships to take agro–ecological community–based adaptation to scale: agroforestry coffee systems in Peru

## Role of the Private Sector in Enhancing Climate Change Adaptation

More than half a million marginalised coffee growers affected by climate change now have a concrete opportunity to adapt to the effects of global change, thanks to the agro–ecological approach that has been developed over 10 years by Practical Action in the Peruvian Amazon.



### 1. The agro–ecological approach and communities

- Participatory analysis of farm plots in communities
- Formation of local promoters of agro–ecological techniques
- Implementation of agroforestry with eight integrated technologies
- Forming linkages with enterprises, cooperatives, NGOs and government



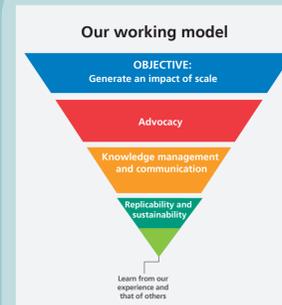
### 2. Agroforestry as a successful community–based adaptation strategy for coffee production

- Decreased impact of climate–change related diseases ('rust') from 72% to 17%
- Increased productivity (100%) and quality (from 78 to 82 points)
- Access to market with preferential prices due to quality and ecological production
- Reforestation of degraded areas with reduced erosion and positive downstream effects



### 5. Drawing on Practical Action's international experience with measuring change:

- Relationship Matrix, Bangladesh: measures changing relationships between SHFs and market actors along the whole value chain
- Could add greater detail on the benefits for all actors in the value chain – supporting changes at the provincial and national level



### 3. The challenge: scaling–up

**What are we doing to transform relationships between smallholder farmers and the public and private sectors?**

- Documents for evidence
- Participation in local and regional thematic discussions for sharing evidence
- In situ knowledge for NGOs, private enterprises and others, through site visits
- Meetings with government actors including the Vice Minister of Agriculture
- Interaction with the private sector: financing, cooperative association, sale of quality coffee
- Working to Practical Action's model for scaling up



### 4. Evidence generated by the San Martin project

- For communities: increased income, ecological and social benefits
- For the private sector: coffee quality and improved resource use
- Government and civil society: economic, social and ecological benefits, improved adaptive capacity

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