



RESEARCH PROGRAM ON  
**Climate Change,  
Agriculture and  
Food Security**



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**Newly Launched Infographic Highlights the Story of  
Agriculture and Climate Change Ahead of Climate Talks**  
*Featuring a Call-to-action from 19 Leading Agricultural  
Organisations to Put Agriculture on the COP 18 Agenda*

“The Story of Agriculture and Climate Change: The Road We’ve Traveled” infographic maps the history of the United Nations Framework Convention on Climate Change (UNFCCC) and the progress of the agricultural sector in addressing these climate change challenges throughout the negotiations.

The infographic can be viewed at:  
[www.farmingfirst.org/climate](http://www.farmingfirst.org/climate)

The infographic features a call-to-action from 19 of the world's leading agricultural organisations, calling for further consideration of a Work Programme on Agriculture under the Subsidiary Body for Scientific and Technology Advice (SBSTA). Such a programme would mandate SBSTA to research, document and share knowledge of improved agricultural practices to inform decision-making around agriculture and climate change to Parties as they prepare national strategies to address climate change.

Tracy Gerstle, co-Chair of Farming First, notes:

“Now is the time to act. Farmers around the world are experiencing the impacts of climate change today, and they need support if they are to adapt. Farming can also become part of the solution, given the potential of agriculture to mitigate. COP 18 leaders should support the unique role of agriculture in the global climate change response as agriculture constitutes a crucial sector in the economies of many countries and for the livelihoods of billions around the world.”

Launched ahead of Agriculture, Landscapes and Livelihoods Day 5 (ALL-5 Day) on 3rd December, the infographic traces the progress made in understanding agriculture's key role in addressing crucial climate change challenges. The infographic highlights the



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significant events leading up to COP18, such as the adoption of the Kyoto Protocol in 1997, the initiation of REDD in 2005 and the first ever Agriculture and Rural Development Day in 2009.

Bruce Campbell, Director of the CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), says:

“Agriculture is already being hard hit by climate change and the outlook is even worse. However there are many options for adaptation, and some of these even bring mitigation co-benefits.”

Agriculture and land use change (mostly from deforestation) contribute an estimated 31 percent of total greenhouse gas emissions, yet improvements to crop yields have already saved 34 percent of total emissions to date. Every one dollar (\$) invested in agriculture results in 68kgC fewer emissions.

**ENDS**

### **About Farming First**

Farming First is a global coalition representing the world’s scientists, engineers and industry as well as more than 100 farmers’ associations and agricultural development organisations. Farming First calls for a broad-based, knowledge-centred approach to increase agricultural output in a sustainable and socially responsible manner. To learn more, visit:

**[www.farmingfirst.org](http://www.farmingfirst.org)**

### **About CCAFS**

The CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) is a strategic partnership of the CGIAR and the Earth System Science Partnership (ESSP) is led by the International Center for Tropical Agriculture (CIAT). CCAFS brings together the world’s best researchers in agricultural science, development research, climate science and Earth System science, to identify and address the most important interactions, synergies and tradeoffs between climate change, agriculture and food security.

**<http://ccafs.cgiar.org>**