

# Climate Risk Tool for Equitable Coffee Value Chains

World Resources Institute

## Section 1: Concept Overview

**Project Objective:** To build the resilience and adaptive capacity of global coffee value chain actors historically not targeted by climate information services yet are among those most vulnerable to the intensifying impacts of climate change: cooperatives, traders, processors, transporters, storage facilities and other mid-chain actors (i.e. the “missing middle”).

**Brief Description:** WRI has partnered with actors along select agricultural value chains, including coffee cooperatives, NGOs, agro-processors, and international agri-businesses in Colombia, to design a beta version of an online Climate Risk Tool that will improve understanding of climate risks in decision-making, plans, policies, and investments. Funding and partnership through the Sustainable Coffee Challenge will enable scoping to expand climate risk information and functionalities for coffee value chains in other relevant geographies. As part of this process, WRI and partners will continue to invest in deep, iterative engagement with local value chain actors to better understand their data and information needs and use cases, test versions of the platform, and conduct training workshops to promote sustainable use. We will also investigate what local complementary services can be integrated with the platform so that users are able to apply the climate risk information for use of financial services, marketplace development, and health services, for example.

**Country of Focus:** While WRI is currently tailoring the platform to the Colombian context, through engagement with the SCC we will identify new geographies of interest, particularly those that are the most dependent on coffee production, vulnerable to climate change and have the least resources for adaptation.

### Key Performance Indicators:

Indicator	Metric	Baseline	Project Target
Scaling of the Climate Risk Tool platform	# of additional coffee value chains identified	1 coffee value chain	4 coffee value chains
Expansion and diversification of stakeholder engagement	# of novel partners engaged	12 novel partners	+15 (five stakeholder groups per geography)
Improved access to coffee climate risk information	# of relevant datasets identified	20 datasets	10 additional relevant datasets identified
A Improved design of Climate Risk Tool platform	# of co-creation workshops	3 workshops	6 workshops

### Please indicate how this project aligns with the 2025 Targets:

- Resilient supply                       Improve well-being & prosperity  
 Strengthen market demand                       Conserve nature

Resilient Supply: With improved information on climate risks, value chain stakeholders will be able to prepare for climate impacts and adapt accordingly so their supply chain does not experience any disruptions.

Improve well-being & prosperity: By providing vulnerable stakeholders with climate risk information, they will be able to adapt accordingly and increase their resilience to climate change.

**Project Status:** Existing project under implementation

**Project Timeline:** *Start date: June 2021 End date: January 2023*

## Section 2: Partnerships

### Involved Parties:

Organization Name	Role in Project	Contribution
Walmart Foundation	Donor	Funding
World Resources Institute	Lead implementer	Project implementation
Clima y Café	Sub-grantee	Local expertise and engagement for coffee value chain in Colombia; continued regional engagement
Suggestion: Local cooperatives from SCC	Sub-grantee	Information; data; insights; co-creation
Suggestion: Local roaster from SCC	Sub-grantee	Information; data; insights; co-creation
Suggestion: Local trader from SCC	Sub-grantee	Information; data; insights; co-creation
Suggestion: global corporate from SCC	Funder	Funding; assistance with local value chain connections
Suggestion: data and/or complementary service provider from SCC	Official collaborator	Assistance with access to open data/information

**Expectations for Partner Engagement:** Co-funding and knowledge/information support (e.g. for identifying and engaging with vulnerable coffee value chains and data gaps).

**Deadline for partnership opportunities: 12/31/2022**

## Section 3: Funding

### Project Costs:

<b>Total project costs</b>	Secured funding + funding needed
<b>Secured funding</b>	\$1,397,310
<b>Funding needed</b>	\$350,000

**Explanation of Funding Use:** The funding from a partnership would go towards scoping vulnerable coffee value chains that can be added to the tool. Specifically, funding would be used for: 1) desk research to identify priority coffee producing regions; 2) outreach to stakeholders in these regions; 3) ongoing engagement with stakeholders to determine local data availability, data gaps, and user demands for tool features; and 4) starting updates to the prototype of the tool.

**For more information on this project, please contact Rebecca Carter at**

[rebecca.carter@wri.org](mailto:rebecca.carter@wri.org)