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## Terms of References

### **Call for Proposals to conduct Climate Change study for Fairtrade Spice Producers of Kerala**

Fairtrade NAPP is soliciting interest in conducting a study on the Impact of Climate Change and its mitigation & adaptation measures for its Spice producers from the state of Kerala.

The proposals are called from agencies with previous experience in conducting similar studies.

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#### **About Fairtrade NAPP**

Fairtrade NAPP supports and empowers Fairtrade certified farmers and workers across the Asia Pacific region. The producers share a 50% ownership of the Fairtrade system and have an equal voice in all decisions that affect them. Currently, NAPP has 300+ Producer Organizations across 21 countries in Asia and the Pacific Region, supporting more than 260000 farmers and workers. Fairtrade strengthens the position of farmers and workers in the value chain. By offering an alternative approach to trade, NAPP supports producers in securing better markets, contributing to greater sustainable development in the Asia Pacific region under Fairtrade – Network of Asia and Pacific Producers (NAPP).

To know more about NAPP & Fairtrade visit: <https://www.fairtradenapp.org>, <https://www.fairtrade.net>

#### **About the Study**

Fairtrade is a strategy that aims to promote sustainable development and reduce poverty through fairer trade. It targets vulnerable and disadvantaged producers, many of whom are severely affected by climate change. Droughts, floods, temperature variability, soil health depletion and crop diseases are consequences of rising global temperatures. Climate change is a multi-dimensional phenomenon that disrupts the environment and economic, social, and even cultural dimensions of the lives of producers and their communities.

Fairtrade aims to develop a climate change strategy to help producers adapt to climate change. The system intends to focus on reducing carbon emissions while recognising the devastating impacts of climate change and the necessity to develop a more sustainable way of production. The intended impact of the climate change strategy is to secure the livelihoods of the affected producers by enhancing their resilience to climate change (climate change adaptation), by developing sustainable agricultural operations aimed at reducing their carbon footprint (climate change mitigation).

The study is planned with the Fairtrade Certified Small Producer Organisations, who are growing spices from the state of Kerala.



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## Study Objectives

- To understand the deleterious effects of climate change on the region and its impact on the farmers. Measuring risks, vulnerability and exposure of the Fairtrade farmers towards the climate change and climate shocks
- To comprehend the effect of the above in crops against parameters like yield, quality, cost of production etc., and to suggest crop-specific adaptive mechanisms.
- To document the current agricultural operations and calculate GHG emissions contributed by it.
- To recommend a package of practices that can be implemented by the farmers to adapt to the climate change effects and to reduce their vulnerabilities
- To recommend a set of implementable practices that would reduce GHG emissions. (Must be able to quantify reductions).
- Validation of the suggested recommendations in adaptation and mitigation through implementing demo plots in the study area

## Scope, Deliverables and Timelines

Area of Study: Kerala (Wayanad, Idukki and Kannur Districts)

Crops: Spices

The study has to be completed in three phases (with separate contracts, deliverables and timelines)

### Phase 1:

- Scope: Methodology finalisation, Data Collection and Data Analysis., A narrative report with detailed findings and recommendations
- Deliverable: A presentation on the works done and key insights (10-12 slides) & submission of all the raw data collected for the study. Submission of the final report
- Timeline: January 2022 to April 2022

### Phase 2:

- Scope: Validation of the study recommendations through piloting demo plots (guidance and supervision – material purchases or any farm-related expenses to be borne by Producer Organisations or NAPP)
- Deliverable: Manual on demo plots, leading implementation of demo plots to validate the study (supervision, monitoring) and a separate impact report on the findings from demo plots.
- Timeline: April to December 2022



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## Content of the Study

The study's inferences should be based on primary data supported by secondary data where required and should include:

- Brief on methodology, data analysis tools used, research ethics and protocol followed. Feedback on the indicators used in the research.
- A report with a good balance of narrative explanation and data representation through clear graphs, tables and any other statistical comparison.
- The report will follow a structure agreed upon between the research team and NAPP.
- The report should provide detailed case studies and an overall synthesis of findings and observations/learning on critical themes outlined in the given TOR
- Executive summary, giving a clear overview of the principal findings.
- A power-point presentation summarising the main findings and key recommendations.
- Photographs and/or video footage (Optional) from the research
- All raw data collected through the research process. The format for data submission will be agreed upon between the research team and NAPP.
- A detailed manual of setting up of Demo Plots and its activities along with highlights of the outcome in a PPT form. Supervising the implementation with guidance and monitoring

**Note:** The Research Team agrees to present the study's results to key stakeholders within NAPP.

## Requirement for application

1. A complete proposal and a financial quote need to be submitted. – Proposal should outline the methodology, data collection plan, data analysis and report plan, time-line of study etc
2. The financial quote should clearly demarcate the budget for each phase. The project will be contracted phase-wise, and hence this is important. **(kindly quote the price in Euros)**
3. CV of the consultant/s who are undertaking the study. In the case of an agency, CVs of team members who will be involved in the research & organisational background.
4. Any previous study reports on a similar line will be an added advantage.
5. Please apply by email only, in English, with a subject line: "Application for Climate Change study for Fairtrade Kerala Producers –to [research@fairtradenapp.org](mailto:research@fairtradenapp.org) with a copy to [ashok.krishna@fairtradenapp.org](mailto:ashok.krishna@fairtradenapp.org)
6. The deadline for submission of the Proposal is January 3rd, 2022
7. Technical Proposals (with credentials) and Financial quotes should be two different pdf files.
8. Maximum Budget Availability (please note that these are tentative budget availability and are not actual figures)

Phase 1: 15000 Euros

Phase 2: 5000 Euros