

TERM OF REFERENCE FOR EMPOWERING YOUTH THROUGH TECHNOLOGY FOR SUSTAINABLE AGRICULTURE SECTOR- ODISHA, INDIA

Name of the organization: Fairtrade Network of Asia Pacific Producers

Position: Facilitator / Consultant

Reporting to: Country Consultant (Mr. Subba Reddy), India

Location: Odisha, India

Duration: 02 Days

Apply by: URGENT hiring. Open until filled.

About Network of Asia Pacific Producers:

Fairtrade Asia Pacific, registered as Network of Asia and Pacific Producers' (NAPP) Singapore, is a mission based social enterprise which facilitates Fairtrade producers in Asia and Pacific region to be effective in various functions and activities across the region through a wide range of products and services. To that end, NAPP engages in advocacy, consultancy, support services – marketing and financial, information dissemination and training. NAPP is a multi-stakeholder body comprising representatives of producer organizations, Fairtrade Premium Committees, small farmer organizations and promoting bodies who are certified by or registered with Fairtrade International. As the official representative of Asian and Pacific Producers within Fairtrade International, NAPP also works to ensure that Asian and Pacific realities and conditions are considered while setting Fairtrade Standards without compromising on the basic principles of Fairtrade. For more information please visit: www.fairtrade.net or www.fairtradenapp.org.

Context of the Assignment:

The training program aims to equip youth leaders with essential knowledge and skills in key agricultural domains which aligns with the *FT NAPP Youth Strategy -India*. The program aims to strengthen the capacity of rural youth in Central India by equipping them with digital, technological, and climate-smart agriculture skills. With increasing challenges such as climate change, water scarcity, and limited access to modern tools, there is a need to empower youth as change agents within producer organizations and farming communities. This initiative will support youth in adopting innovative, technology-driven solutions and sustainable agricultural practices aligned with Fairtrade environmental standards.

ECFFPA Support:

The activity is co-funded by the European Commission Financial Framework Partnership Agreement (EC FFPA) program. The EC FFPA is strategic partnership program, which aims to strengthen Fairtrade as a representative, member-based regional, EU and global Civil Society umbrella organization, giving voice and empowering over 1900 Fairtrade Producer Organizations globally. With support from the ECFFPA. EC FFPA support enables NAPP to empower youth as change agents, enhance democratic participation, promote decent livelihoods, and contribute to the Sustainable Development Goals (SDGs).

Objectives: To empower youth with digital, technical, and climate-smart agricultural skills for sustainable agriculture and improved livelihoods.

- To enhance youth knowledge and skills in digital tools and smart agriculture technologies.
- To build capacity on climate change adaptation and sustainable agriculture practices.
- To promote the use of technology in farm planning, monitoring, and decision-making.
- To support youth in developing digital learning resources for producer organizations.
- To strengthen sustainable water management through structured budgeting and planning processes.

Outcomes:

- Youth gain basic knowledge of digital tools and climate-smart agriculture.
- Improved understanding of water management, including water budgeting and planning.
- Youth can use simple digital tools for agriculture and data collection.
- Development of basic digital learning materials by participants.
- Increased awareness of climate change and sustainable farming practices.
- Better planning of water uses at village level.
- Strengthened participation of youth in producer organizations.
- Rural para-hydrologists (also known as community hydrologists) are trained local youth who act as frontline water managers in rural India. They bridge the gap between complex scientific water data and the everyday practical needs of farming communities.

What Do They Do?

1. **Track Water:** They measure monthly rainfall, test water quality, and monitor local groundwater levels.
2. **Water Budgeting:** They calculate how much water the village has versus how much it needs for homes and crops.
3. **Guide Farmers:** They advise local farmers on what crops to plant based on current water availability.
4. **Build Structures:** They help identify the best spots to build rainwater harvesting systems and recharge pits

Key Components:

1. Component 01- Technology and Digital Innovation

This component focuses on building youth skills in digitalization and technology-enabled solutions relevant to agriculture.

Key Activities:

- Introduction to digital tools and smart agriculture technologies.

- Understanding data-driven decision-making in agriculture.
- Hands-on training on developing digital learning materials (videos, manuals, interactive content)
- Practical sessions on tools such as: Google Earth, QGIS, CLART, Bhuvan, Jal Tara, Rural Para Hydrologist etc
- Group work: Designing and prototyping digital learning resources.
- Estimating, managing, and planning the use of water resources in a village with the help of digital technologies.

2. Component 02- Climate Change and Sustainable Agriculture

This component enhances youth understanding of climate risks and promotes sustainable practices.

- Introduction to climate-smart agricultural practices.
- Training on hydrology, groundwater management.
- Promoting regenerative agriculture practices (soil, water conservation, aquifer recharge).
- Supporting SPOs in meeting environmental compliance standards.
- Linking digital tools with climate-smart agriculture planning.
- Case studies and practical exercises on local climate challenges.

Training Methodology:

- Classroom Training: Technical knowledge and tool-based learning.
- Field Exposure: Practical application and demonstrations.

Deliverables:

1. Pre Workshop Phase

- Participate in all preparatory meetings with NAPP (virtual or in-person).
- Conduct a rapid needs assessment to tailor the training content to the youth participant profile.
- Develop a detailed 02-days training agenda, session plans, and participatory methodologies.
- The consultant/institution will prepare and submit the training materials prior to the workshop and share the finalized training materials and documentation after completion of the workshop.
- Confirm all logistical and technical requirements (materials, equipment, venue needs, etc.) in advance.

2. Workshop Facilitation (02 Days)

The consultant will facilitate an interactive, youth-centered 02s-day training in Odisha, India covering:

- Conduct a Two-day workshop/training including field level practical demonstration of technologies in Q3 2026.
- Comprehensive Training Modules – Well-structured modules covering key focus areas including Digital & Technology in agriculture, Digital Content Development, Climate Change and Agriculture, Water Management & Hydrology, Sustainable and regenerative practices.
- Training Materials and Resources – Provision of comprehensive learning materials, including handouts, presentations, and reference guides, also provide soft copies of training materials to support participants throughout the training.
- Group work to develop activities during sessions.
- Participatory tools such as group discussions, case studies, practical learning and peer learning will be used to ensure active engagement and practical learning.

3. Documentation and Testimonials

- Supervise documentation of the workshop proceedings, including:
 - Key discussions and outcomes
 - Participant reflections and testimonials
 - At least **2-3 short interviews** with selected participants. (Feedback and overall learning and experiences from workshop).

4. Post Workshop Reporting

Draft and submit a comprehensive Workshop Report (using the prescribed template) within 10 working days of the workshop.

The report should include:

- Training Program Report – Submission of a comprehensive report summarizing the entire one-day training program, including key insights, participant feedback, and recommendations for future initiatives. Report should be in English Language.
- Key discussions, outcomes, and recommendations.
- Observations on participant engagement and areas for improvement.
- Submit all annexures (participant list, photos, testimonials).
- Ensure all deliverables are submitted electronically in both Word and PDF format.

Eligibility and Qualification Criteria:

We are looking for a consultant/Institute with the following skills and relevant experience

- Minimum 3 years of experience in training, capacity building, or project implementation
- Proven experience in climate-smart agriculture, water management, or sustainable agriculture.
- Experience in using digital tools such as GIS (QGIS), Google Earth, or similar platforms.
- Prior experience working with youth, farmer groups, or producer organizations.

- Strong knowledge of: Digital agriculture tools and applications, Climate change and adaptation practices, Water management, hydrology, and water budgeting .
- Ability to develop training materials and digital content.
- Fluency in Hindi and relevant local language(s).

Location of Workshop:

Odisha, India

Dates of Workshop: August 2026

Participants- 15-20 Youth Participants from Fairtrade certified 04 POs from Odisha, India.

Deadline for Application:**PaymentTerms:**

Payment will be processed after the completion of the assignment and submission of all required supporting documents and evidence

How to Apply:

Interested consultants / Institutions are invited to submit:

- Updated CV/ Organization Profile
- Technical proposal outlining approach and methodology.
- Financial proposal with detailed budget breakup.
- Applicants are requested to share relevant work samples such as training reports, case studies, facilitation experience, and previously prepared reports related to similar assignments).
- Applications should be sent to: sachin@fairtradenapp.org, subba@fairtradenapp.org
- Fairtrade NAPP reserves the right to cancel the request for proposal without assigning any reason whatsoever.
- Deadline: Kindly Submit Proposal till 20th June 2026.