



FAIR CLIMATE FUND
 ଲବ୍ଧକର୍ତ୍ତା (Entrepreneur)
 ମା ଛକ, ଘୁ, ଉଦୟଗିରି
 ଆନ୍ଧ୍ରପ୍ରଦେଶ

BACHAT Phase II

INDIA



In phase I, the BACHAT program provided 4,500 rural households with Improved Cookstoves (ICS) with a women-centred approach, strengthening their health, economic situation, environment and their resilience to climate change. In phase II CARE is collaborating with FCF, to increase scale, ensure sustainability through Carbon certification, continuing to strengthen capacity, collectivization, market development and multi-stakeholder engagement actions. The current BACHAT phase II programme is designed to capacitate 9,000 households and has the potential to scale up to 50,000 pending demand for credits.



Background

With its population of 1.3 billion and growing, India is to become the most populated country in the world in the next decade. Needless to say, India has a crucial role to play when it comes to climate change mitigation. In India, a large part of the rural population (800 million) still cooks on an open fire. The burning of solid biomass is an important source of greenhouse gas emissions, deforestation and air pollution. This practice not only has adverse effects on the climate, but also on people's health. In India alone, more than one million people, including an estimated 100,000 children, die each year as a result of indoor air pollution.

India is also one of the countries that is hit the hardest by the effects of climate change. Changing weather patterns, floods and extreme droughts are a major challenge for India's rural population who largely depend on small-scale agriculture for their livelihoods.

Given the success of the BACHAT program, CARE, together with FCF is exploring ways to ensure similar programs can be implemented. Not only achieving improvements in terms of health, environment and economy, but also building climate resilience of the rural population and strengthening women leadership and entrepreneurship.

BACHAT program

Bachat in Hindi translates to "savings" and refers to fuel, money and time savings, as well as saving the environment and saving lives, all of which are associated with clean cooking. The main focus of the program, implemented by CARE India, is to build a market for sustained adoption of clean cooking technology in the the districts of Jashpur (Chhattisgarh) and Kalahandi and

Kandhamal (Odisha). These are tribal communities that depend for their livelihoods on small scale farming and the nearby forest.

The first pillar of the program are SHE (Sustainable Household Energy) schools in which women leaders (SHE Champions) from existing Self-Help Groups encourage their peers to adopt ICS and their associated cooking methods. The second pillar is to create a sustainable supply chain. This is done by establishing local SHE entrepreneurs that act as retailers for a range of clean cooking technologies from trusted brands (Tier 2-4).

Impact BACHAT phase I

Since the start of the program in 2016 the program has capacitated over 10,000 households, out of which 4,500 households switched to ICS. Furthermore, the program established 200 SHE Schools in 107 villages and trained 10 successful SHE entrepreneurs. Households reported a significant reduction in fuelwood consumption and reduced Indoor Air Pollution. Also it has reduced fuelwood pressure on nearby forests and contributed to better forest preservation. The program has demonstrated a clear willingness to pay for ICS technology, however affordability remains a big challenge.

BACHAT phase II

Now that the SHE concept has been proven to be successful CARE India is aiming to scale up the program by setting up more SHE schools and SHE Entrepreneurs. Getting carbon registration must ensure the financial sustainability of the program and make the technology more affordable. To realize this CARE partners FairClimateFund (FCF).



2016
2020

BACHAT phase I (EU funded)

- Awareness through 200 SHE Schools in 107 villages
- 4.500 cookstoves sold through 10 local entrepreneurs
- Capacity building, lessons learned and proof of concept
- Preparation for carbon finance phase by CARE and FCF

2021

Carbon registration and contracting partners

- Contracting local partners and stakeholder consultation
- Gold Standard and Fairtrade carbon registration
- Set up monitoring and evaluation framework
- Carbon training CARE India and local entrepreneurs
- Contracting new partners for expansion of the project

2022
2026

BACHAT phase II

- Reactivate SHE schools and SHE campaigns by CARE India
- Provide new cooking technology with carbon subsidy
- First Gold Standard certification of emissions reductions
- Expansion of the project (9.000 to 20.000 households)
- Beneficiaries are organized in Fairtrade Carbon Cooperatives

2027
2031

BACHAT phase III

- Replacement sales with carbon subsidy
- Further expansion of the project
- Prepare stakeholders for post carbon phase
- Gold Standard certification of emissions reductions by FCF

2032
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Independence phase

- Cookstove entrepreneurs are able to function independently
- Potential of using carbon subsidy until 3036
- Independent growth of market for clean cooking technology

This program will generate Gold Standard and Fairtrade certified Verified Emission Reductions (VERs)



Financing

The BACHAT program has received funding up to 2020 from the EU through the SWITCH Asia II program. Through carbon registration the program should in time become self sustaining. The Fairtrade Climate Standard ensures that beneficiaries will be organized into a Fairtrade Carbon certified cooperative that will be the owner of these credits. Excess revenues above program costs and product subsidies will go directly to the cooperative.



CARE is an international NGO dedicated to end poverty. CARE has expertise in renewable energy, climate change adaptation, women, economic empowerment and livelihood diversification. CARE will co-invest in and purchase carbon credits from this program to offset its unavoidable emissions.



FairClimateFund is a Dutch social enterprise with more than 10 years of experience in developing and financing high quality carbon projects and part of Cordaid-ICCO. FairClimateFund will co-invest, develop the carbon framework and handle carbon retailing.

More info about this program?

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