



ssnup

Smallholder Safety Net
Upscaling Programme

ENHANCING FARMER'S LIVELIHOODS THROUGH CLIMATE ADAPTATIVE TECHNOLOGY SOLUTIONS IN INDIA



Africa



Latin America



Asia



Financial services



Non-financial services



Market building



Internal management

CONTEXT

Climate change is significantly affecting agriculture and the livelihoods of smallholder farmers. through temperature changes, altered precipitation patterns, extreme weather events, and shifts in pest dynamics. Small scale farmers' livelihoods are at risk due to their direct dependence on natural resources for crop production. Conversely, agriculture practices contribute to climate change through greenhouse gas emissions, land-use changes, and soil degradation. In India smallholder farmers are the main domestic agricultural producers and thus the impact of climate change on these farmers extends beyond the farm to the food security of the region. Densely populated regions like India face intensified effects due to resource scarcity.

CURRENT STATUS OF THE BENEFICIARY ORGANISATION

Arya was founded with the vision of bringing Indian markets closer to farm gates, primarily through a robust network of warehouses strategically located in rural areas of India. Over 60% of their warehousing capacity is situated in rural markets, which drastically cuts down on food losses that occur during the transportation from primary to tertiary markets. Arya works with Farmer Producer Companies (FPCs) in multiple geographies and leverages its infrastructure in climate-stressed regions to positively impact the farmers' lives.

OBJECTIVE OF THE PROJECT

In the first technical assistance project supported by SSNUP, Arya helped train and onboard 51 FPCs in best post-harvest practices. Building up on this, this project aims to help farmers become climate resilient by adopting sustainable and regenerative agricultural practices so that both the impact of climate on farmers' income and the impact of agricultural practices on climate can be reduced, resulting in additional economic benefits for the farmers.

The expected outcomes are:

- Digitise plots of 10,000 farmers enabling them to track and monitor the progress of the crop on their farm through satellite monitoring services.
- Facilitate capacity building of 40,000 farmers on the adoption of climate resilient practices.
- Track the adoption of climate Increase practices for 3,000 farmers.

IMPACT INVESTOR



BENEFICIARY ORGANISATION

Arya (agri-SME) - India

TARGET

40,000 farmers

AGRICULTURAL VALUE CHAIN

Paddy, wheat, soya, gram, mustard

STARTING DATE

December 2024

DURATION

12 months

TOTAL TA BUDGET

€ 870,983
Including € 217,391 (25%)
contribution from SSNUP



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