



The IKI Small Grants project targets the Rayagada district in Odisha State, India, one of the poorest districts (now designated as Aspirational District) in India. It aims to improve the adaptation capabilities and resilience to weather variabilities and extremes within indigenous and other most vulnerable communities. Through trainings it promotes farming practices using agro-ecological principles to ensure food and livelihood security. The promotion and establishment of nutritional gardens improves the nutritional status of the targeted population. Managing land, water and forest resources and reviving traditional food crops valorise the natural potential of the districts.

The project addresses small and marginal landholders, particularly women and young people in 25 villages, targeting directly 1.200 households.

**Project Title:** Climate Smart Agriculture for Small Land Holders

**Target Area:** Project is situated in Kashipur Block of Rayagada District of Odisha, India which is contiguous in nature. Altogether, 25 villages in 3 Gram Panchayats are included in the project.

**Duration of the Project:** 01.08.2021 until 31.10.2022

**Target Group:** The major beneficiaries of the project will be the small land holders. A total of 3600 indigenous people (800 women, 400 men, 2400 children) from 1.200 households will be the direct beneficiaries and 3.000 women and 3.000 men will be the indirect beneficiaries from 6.000 households under the project.

**Budget:** INR 7611057.00

#### **Overall Objectives:**

To increase climate smart management of agricultural land through awareness, knowledge and skills among 1200 small land holder farmers from indigenous communities.

#### **Objectives:**

- To enhance awareness, knowledge and skills among 1200 small land holders from indigenous communities on climate change issues and challenges.
- To enhance awareness and collective actions by farmers from Indigenous Communities on climate change issues and challenges.
- To cover 485 hectares of area under Climate Smart Agriculture by small land holder farmers for food and livelihood securities. The area increases from 145.5 hectares (15%) to 485 hectares (50%).

#### **Activities:**

- Training and capacity building of small land holders on climate smart agriculture.
- Exposure visit of small landholders.
- Sharing and learning workshop.
- Preparation and use of organic liquid manure & bio-pesticide and establishment of compost pit.
- Conservation of indigenous seeds.
- Promotion of millets, pulses and vegetables by using organic manure, compost and bio-fertilizer under Climate Smart Agriculture.
- Use of improved farming practices such as System of Millet Intensification (SMI), Mixed Cropping.

The project will contribute towards the National Action Plan on Climate Change (NAPCC) the National Determined Contributions (NDC), Odisha State Action Plan on Climate Change SAPCC, Phase II, 2018-23, National Biodiversity Mission, National Nutrition Mission and the Odisha State Millet Mission. Agragamee is collaborating with the Department of Agriculture and Farmers' Empowerment, Government of Odisha, for climate smart agriculture, under their Millet Mission, and Promotion of Traditional Agriculture programme. This collaboration will be further taken forward under the current project.

#### **Estimated results:**

- Increased climate smart management of agricultural land through awareness, knowledge and skills among 1.200 small land holder farmers from indigenous communities
- Increased awareness, knowledge and skills among 1200 small land holders from indigenous communities on climate change issues and challenges.
- Enhanced awareness and collective actions by farmers from Indigenous Communities on climate change issues and challenges.