

TOWARDS CLIMATE SMART VILLAGES

Promotion of affordable and replicable climate resilient mitigation and adaptation practices to enhance livelihoods of vulnerable communities in Ananthapuramu District of Andhra Pradesh, India



BACKGROUND

Mahila Abhivruddhi Society, Andhra Pradesh (APMAS), is a national level resource organization working for the advancement of people's institutions and enriching rural livelihoods over the past 18 years. Under the livelihoods programs, currently APMAS reaches out to 50,000 families with special focus on small landholders, women farmers and youth in the states of Telangana, Andhra Pradesh and Bihar. The major focus areas are promotion and strengthening of farmer institutions, climate resilient and sustainable farming practices, productivity enhancement, collective input procurement, value addition and collective marketing, linkages with line departments for leveraging resources and advocacy with the government for the farmer friendly policies and programs.

The project **“Towards Climate SMART Villages”** was conceptualized based on our experience in various livelihoods projects with the aim to address the impact of drought in the semi arid region of Ananthapuramu district in Andhra Pradesh. A range of climate mitigation and adaptation measures are proposed to reduce the vulnerabilities of small landholders, landless and occupational communities with the following goal and objectives. The project envisages strong linkages with the line departments for leveraging government schemes and programmes.

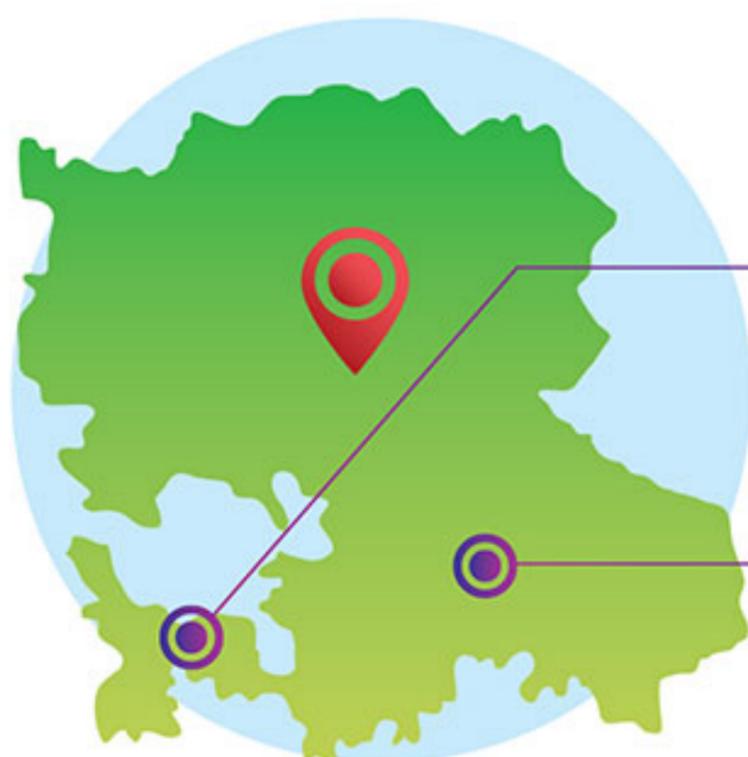
GOAL

Strengthen and support people's organizations for undertaking mitigation and adaptation measures in the agriculture and allied sectors to cope with climate change in the project villages of drought prone regions in the State of Andhra Pradesh



OBJECTIVES

- Build capacities of people's organizations and rural communities to plan and implement climate smart initiatives
- Build resilience of vulnerable families through adaptation strategies in the agriculture and allied sectors
- Enhance Green House Gases (GHG) sinks through agro-forestry on farmers' and common lands
- Contribute to limiting emissions of GHGs especially in the agricultural sector
- Disseminate information locally, nationally and internationally on the impact of alternative pathways in rural communities to address climate change issue



Ananthapuramu

Project Area

Gudibanda Mandal

1. Muthukuru GP
2. Mandhalapalli GP
3. Konkallu GP

Nallamada Mandal

1. Gopepalli GP
2. Pathabatthalapalli GP



ADAPTATION AND MITIGATION STRATEGIES

CLIMATE SMART INSTITUTIONS



Strengthening People's Institutions (GPs, FPOs, SHGs & Federations)

CLIMATE SMART KNOWLEDGE



MIS and
Communications



Capacity
Building



Weather, Crop
& Livestock



Advisory
Services

CLIMATE SMART AGRICULTURE



Tank Silt
Application



Efficient Manure
Management



Dung Based
Inoculants



Water
Management



Crop
Diversification



Agro
Forestry



Promoting
Bio-Pesticides



Livestock
Management

CLIMATE SMART NUTRITION



Millets Promotion



Kitchen Garden

CLIMATE SMART ENERGY



Biogas
Plant



Solar
Pump Sets



Solar/LED
Lamps



Energy Efficient
Biomass Cooking
Stoves

KEY OUTCOMES

Enhanced awareness among the communities and institutions on the climate resilient practices

People's institutions planned and implemented climate resilient mitigation and adaptation activities

Increased carbon content in soil and improved GHG sinks through agro forestry

Reached out 800 families directly and 1500 families indirectly (small landholders, women headed and vulnerable families)

Reduction in chemical pesticides and increased application of bio pesticides and herbicides

Enhanced income through alternate livelihoods for the rural communities

Networking and collaboration with similar projects across the country and in Nepal



MAHILA ABHIVRUDDHI SOCIETY, ANDHRA PRADESH [APMAS]

HIG 11 & 12, HUDA Colony, Taneshanagar, Manikonda, Hyderabad -500089

Tel : +91 - 8413 - 403118 / 120 | info@apmas.org | www.apmas.org