

**PROJECT:**

Sustainable urban food production and connected ecological rural farming for reducing climate and environmental impacts of food demand, **India**

**Implementing entity:**

Centre for Sustainable Agriculture (CSA), India

**Project partners:**

Indian Institute of Technology; Farmers Cooperatives in Andhra Pradesh and Telangana; state governments; Sahaja Aharam Producer Company

**Amount:**

Budgeted: USD349,034
Spent: USD276,205

**Duration:**

09.02.2018 – 31.07.2019

**Project objective:**

The project aims to reach out to farmers that will form the 'Connected Farming Enterprises' and adopt sustainable production systems which reduce the ecological footprint in production of food. It also reaches out to 200 urban households that produce food in urban areas. With the help of the project they adopt food waste recycling practices that help reducing the footprint of cities, through 14 Producer Knowledge Centres (PKC) in rural areas. In addition, 2 Food-Info-Marts in urban areas and 1 Mobile Food-Info-Mart in the states of Andhra Pradesh and Telangana and the city of Hyderabad are established.

Project status: Completed

01

Two Food-Info-Marts (FIMs) have been established and are fully operational. They provide information on food, nutrition and sustainability through audio-visual content and creative posters.

02

Mobile FIM van has been also made operational. It provides organic food to different remote communities. In addition, it offers information on sustainable lifestyles and sustainable consumption.

03

FIMs have provided space for a broad variety of capacity building activities on healthy food and healthy living. In addition, they link consumers to farmers who adopted sustainable farming practices.

04

10 Producer Knowledge Centres (PKCs) have been established in various parts of Telangana and Andhra Pradesh. 2,380 attended all the

trainings and adopted organic/natural farming practices.

05

11 villages and 5 crops (paddy, wheat, groundnut, tomato, papaya) in two project locations were selected to study emissions reduction through the adoption of sustainable practices including reduction in water, chemical and energy use.

06

The emissions reduction is calculated based on the shift from conventional to organic/natural farming of 2,380 farmers in 2018 for the 5 crops.

07

Following the above, the total emissions reduction is 27,189.23 tCO₂eq, considering that all farms experience the same amount of reductions in the GHG emissions.

08

In addition, the 3 FIMs have created market for 5 crops produced sustainably. In 2018 this led to the reduction of 102 tCO₂eq through the change in consumer purchasing behaviour