

Kenya

Agriculture

Creating Sustainable Mango Value Chain Among Small-Scale Farmers

THE CHALLENGE

Tana River County produces an abundant oversupply of mangos, 60% of which goes to waste. The production suffers from poor market linkage, low market prices, lack of know-how in preservation and storage, and lack of post-harvest added-value.

THE SOLUTION

World Concern trains farmers to dry and package mangos for the market, using solar energy, easy-to-make-and-use equipment and affordable packaging materials. Local artisans build the cost-effective, environment-friendly, solar driers using local materials. Farm cooperatives enjoy the economies of scale, lowering their costs of goods and services.



THE IMPACT

The industry provides mitigation against drought by taking two trajectories: first, it uses clean and renewable solar energy to add value to a seasonal mango crop; second, it provides a sustainable solution to droughts' food insecurity and malnutrition by providing an alternative source of income and readily available, high-nutrition food, even during the off-season.