

## STRENGTHENING SMALL-SCALE RURAL ENTERPRISES TOWARDS IMPROVING ENVIRONMENTAL SUSTAINABILITY IN COASTAL COMMUNITIES IN THE DISTRICTS OF NICKERIE AND CORONIE, SURINAME



**Code:** 5208-00

**Country:** Suriname

**Starting year:** 2022

**Year completed:** 2024

### Objective

To build resilience into coastal small-scale enterprises, as well as to demonstrate and promote alternative sustainable enterprises while ensuring economic benefit to coastal residents and to ensure the sustainability of the coastal ecosystems.

### NBS ANSWERS

#### How has IICA integrated NbS into its projects?

We have implemented based on field assessments conducted and farmers meeting where challenges and opportunities were expressed.

#### What lessons learned can you share about working with farmers to implement NbS?

Although farms in the coastal areas are being irrigated many are being conducted through superficial irrigation methods with poor management of their water resources increasing most of the times the cost of production and yield losses. The use of micro irrigation systems has allowed the farmers to improve their management skills of the available water resources.

#### What examples of innovation in NbS can you share from your experience at IICA?

1. Micro sprinkler irrigation systems installation have allowed farmers to improve management of the available irrigation water and program better, less water losses.
2. The setting up of a crop nursery has supported to regain back the varieties planting materials lost due to the drought and flooding experienced.
3. Improve households agro processing facilities by using more efficient processing equipment results to minimize processing losses and less waste ending up into the environment especially around the mangrove forest.

#### How are you promoting NbS education and training among farmers?

Taking part at several national seminar and posting on our office social media platform.