



# Workshop on “ Use of Advanced Technologies for Family Agriculture “

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**30 January - 03 February 2023**

**Petrolina in Pernambuco**

**Brazil**



## Sustainable Agricultural Rural Development Program (REEF)

### The mission

Investigation Sustainable agricultural rural development in all regions of the Kingdom

byStrengthen Capacity of small agricultural producers, their cooperatives and rural institutions to enable them to obtain productive resources, agricultural services and markets

### strategic goals



Preserving the environment and natural resources



Increase job opportunities



Reducing immigration and contribution in social stability



Income improvement and the standard of living of small farmers



Contribute to food security



Base diversification agricultural productivity

## Objectives of the Reef in Shadow program Vision 2030

03

Protecting the environment from natural hazards (such as desertification)

02

Reducing pollution of all kinds

01

Preserving and introducing the Islamic, Arab and national heritage of the Kingdom

06

Increasing the contribution of small and medium enterprises to the economy

05

Increasing women's participation in the labor market

04

Protecting and preparing natural areas

08

Ensure sustainable use of water resources

07

Ensuring the achievement of development and food security



## Comparative advantage analysis and support mechanisms

### Improving the income and standard of living of small farmers



- Contribute to achieving the goals of the Kingdom 2030
- Having a relatively advantage and added value to the sector
- Contribute to diversifying the production base
- Contribute to improving within small producers
- Contribute to providing local opportunities
- Contribute to enhancing food security
- Contribute to the sustainability of natural resources

### Contribute to food security



- Percentage of the rural population (citizens and residents)
- The percentage of the population working in agriculture
- The percentage of family spending on lunch out of spending
- Unemployment rate among Saudis
- net internal migration rate
- Non-oil GDP contribution rate

### agricultural natural potential



- The total area of arable land
- Percentage of unused agricultural land
- The annual average precipitation
- The ratio of forest area to area area
- Possibility of rain water harvesting
- The pasture area of the area
- Percentage of traditional agricultural producers

## program segments

Based on the comparative advantage study, it was decided that the Reef program will support eight main sectors, which are crops and agricultural activities with high economic feasibility in light of the nature of the Kingdom. Each sector has an independent program headed by a responsible national expert.

Small livestock  
breeders  
development program



Program for the  
development of  
beekeeping and  
honey production



Program for the  
development, production,  
processing and marketing of  
Arabica coffee



Developing rainfed  
crop cultivation



Fruit development,  
production, processing and  
marketing program



Program to enhance the  
capacities of small-scale  
fishermen and fish farmers



Rose cultivation  
and trade  
development  
program



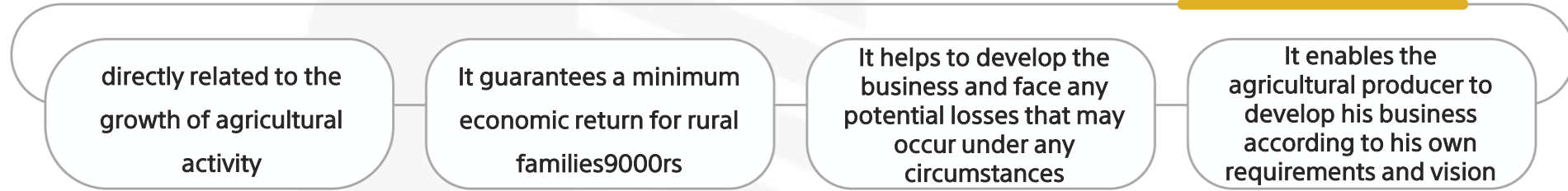
Developing the added  
value of small holdings





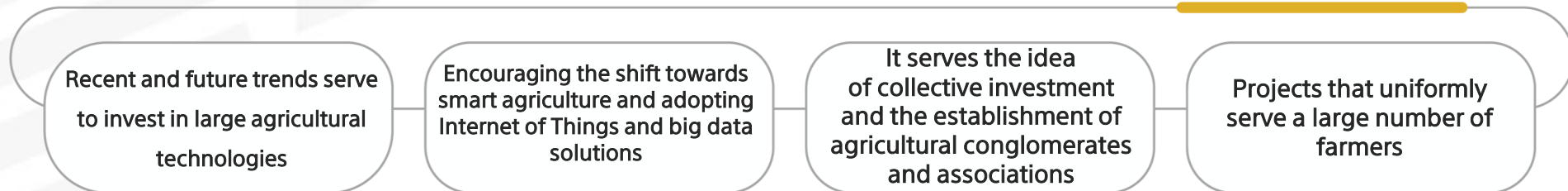
## What the Reef program offers

### Direct financial support



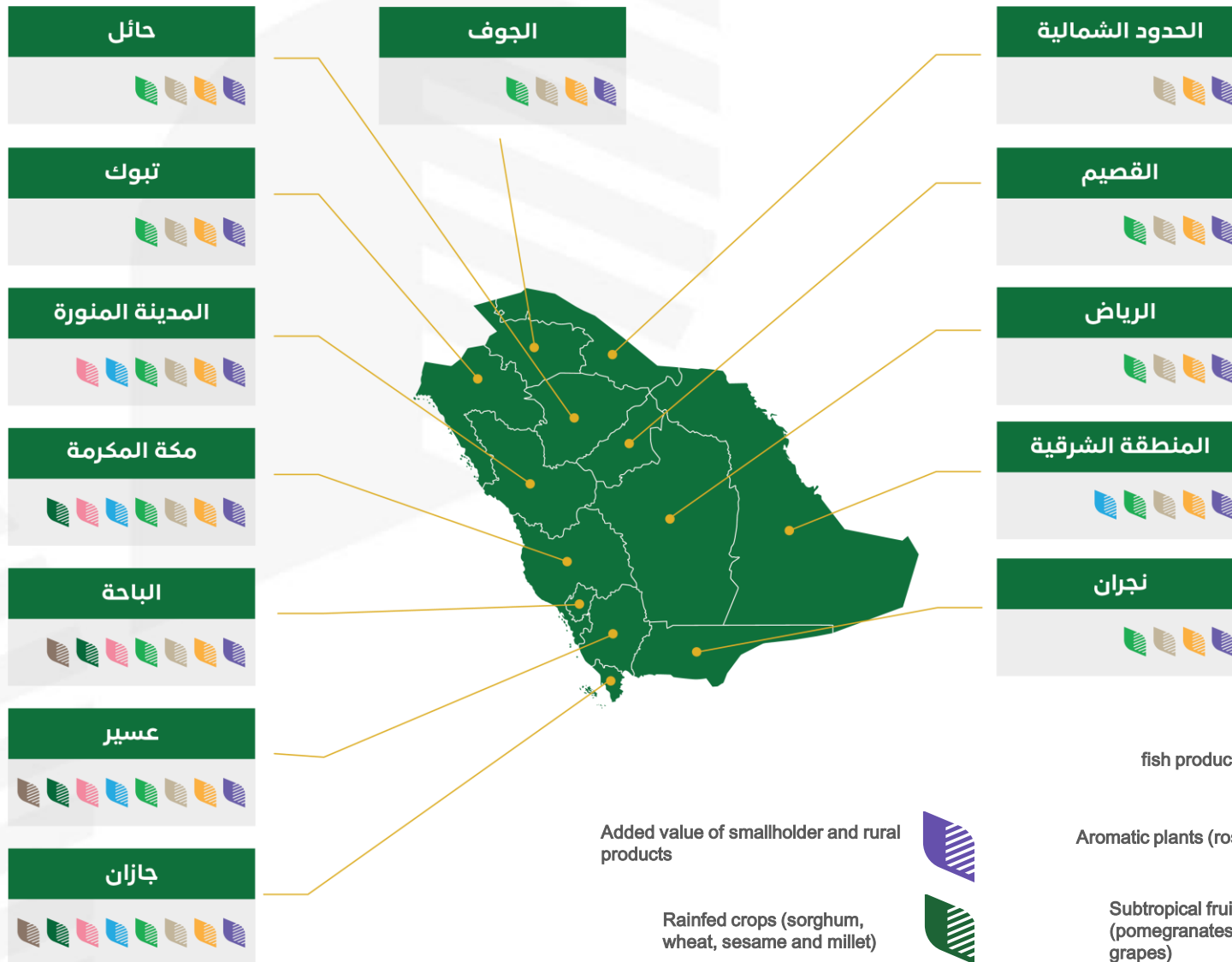
**Example :**Annual support 4.5 One riyal for each flower seedling planted

### Sector development initiatives



**Example :**An initiative to establish a factory for packing and packaging rain-fed agricultural products

# target areas promising agricultural sectors



Added value of smallholder and rural products

Rainfed crops (sorghum, wheat, sesame and millet)

fish production

Aromatic plants (roses)

Subtropical fruits (pomegranates, figs, grapes)

Animal Production

Arabic coffee

Bees and honey



## Marketing service centers initiative

It aims to receive farmers' products and carry out initial cooling, washing, sorting and packaging, and then refrigerated storage.

Proper post-harvest handling will increase the marketing life of the product.

These centers will be the basis for an integrated supply chain that ensures the arrival of local products to the rest of the Kingdom.

The centers will enable the cooperative societies to buy farmers' crops at a fair price and sell them under a common brand.





## Examples of Reef Program Initiatives

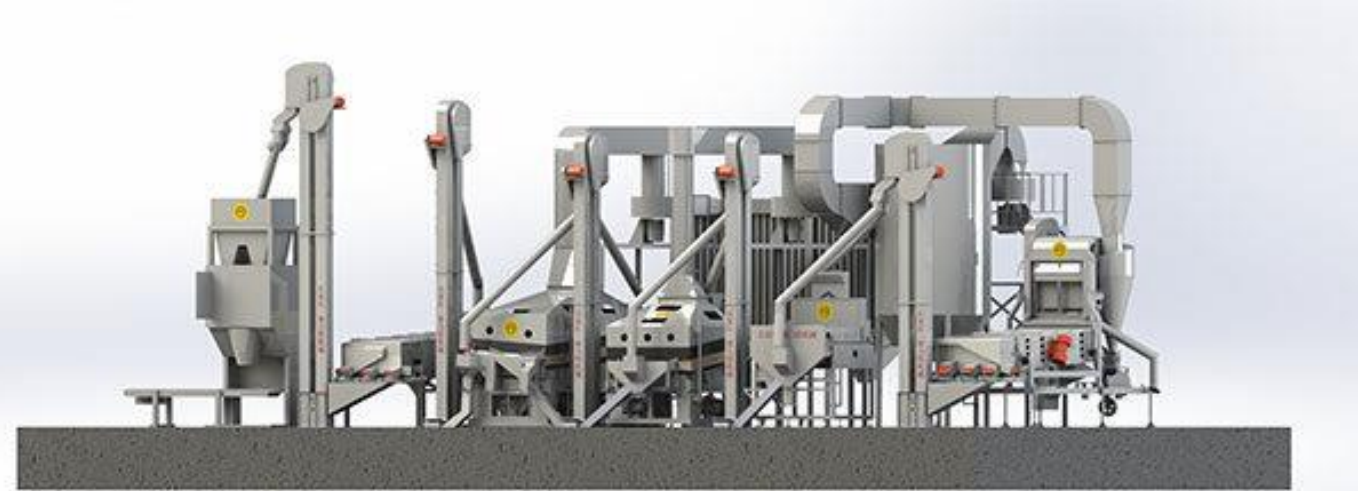


### Rainfed crops factory

The main products are (millet grains, millet flour, roasted millet flour, sorghum grains, sorghum flour, sesame, peeled sesame, sesame oil, tahini, halva)

The project will allow cooperative societies to buy farmers' crops at a fair price and store them in silos for processing and selling under a common brand.

It aims to manufacture, package and package sorghum, millet and sesame products.



# sectorEighth: developmentadded value fromholdingsSmall and rural activities:



## General goals:



- maximize return from holdings Small and rural activities
- Increasing family income and the revenues of rural communities and diversifying sources of income
- for rural families
- Increasing the added value of agricultural products and raising the efficiency of using materials
- natural agricultural
- Enhancing food security and supplying the local market with some traditional food products

## Importance and justification



- 1-Rural products and industries represent an important cultural heritage of rural areas
- 2- A history of the rural family forming a unit productivity Completely economical
  - █ The percentage of family spending on lunch out of spending
- 3- The presence of a labor force looking for work in rural communities, especially women
  - █ Availability of raw materials from natural and agricultural resources in the countryside, and the existence of opportunities for the development and development of some high-demand agricultural and traditional products in the local market. The contribution of the non-oil domestic product

## Overview of the current situation



- Each region of the Kingdom's countryside is characterized by traditional agricultural products Including rural house hold products agricultural, as products Leather, woolen yarn, dairy products...etc
- \_The traditional manufacturing products and industries that the Kingdom abounds in have begun to disappear due to the lack of support
- \_The Kingdom encourages and supports the development of small and medium enterprises and programs for productive families within its Vision 2030



# The added value of agriculture has four main pillars: Processing, marketing, support services and agricultural tourism:

## Agriculture added value - its definition and current situation



the descriptio

Examples

# Direct support for productive rural families:

## Target groups



Benefit from direct financial support  
agricultural rural development  
programme

Sustainable – the added value of  
productive households in agricultural  
activities i.e. a household producing one  
of the agricultural activities of the  
sustainable agricultural rural  
development products identified in the  
chapter

(V) of the Appendix to these Rules  
To which the terms of the rules apply  
the program.

## Definition of families rural producer

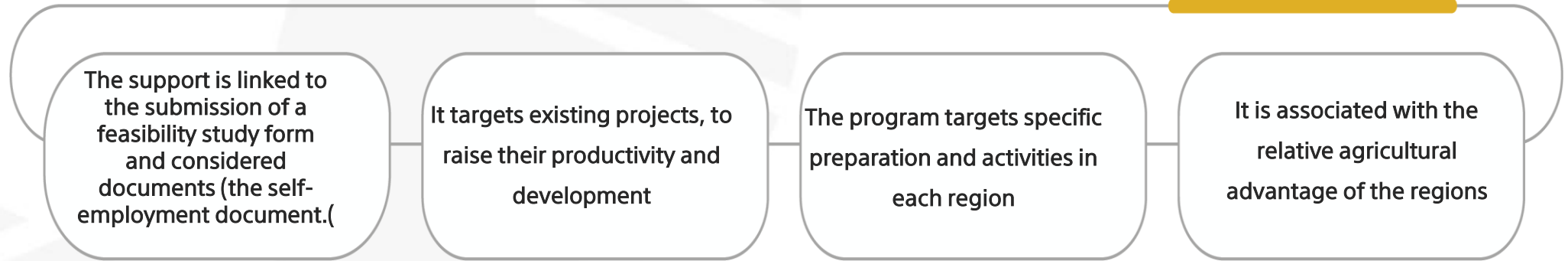


Anyone who carries out an  
economic activity adds more value  
to locally produced agricultural  
products through their conversion  
and production, which leads to an  
increase in the value of primary  
agricultural commodities.  
contribute to increasing the volume  
national products.



## What a program offers to productive rural families

### Direct financial support





# THANK YOU



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<https://reef.gov.sa>

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Kingdom of Saudi Arabia المملكة العربية السعودية



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