



Organisation des Nations Unies
pour l'alimentation et l'agriculture

Investment Note to Strengthen Resilience and Food Security in Southeast Haiti



Initiative
Main dans la Main



Haiti

| Investment Forum Rome, Italy | October 18-19, 2022

Section 1: Overview

The agricultural sector accounts for 20.3% of GDP²

PIB Nominal 2020 (billion USD\$) ²	Share of agriculture, livestock, forestry and fisheries (billion USD\$) ²
14.51	2.95

- The majority of Haitians depend on the agricultural sector, mainly subsistence agriculture.¹
- Agriculture accounts for about **38% of total employment**.¹

- Diversification of crops in rural Haiti.¹
- On average, farm households produce about five crops.¹
- Main crops: maize, tubers, mango, coffee, avocado, citrus, rice, sorghum, beans and cocoa.¹
- The livestock sector is characterized by small animals such as chickens and goats.¹

Haiti is a net importer of food.



CHALLENGE: Strengthen the resilience and food security of populations through promising sectors

- **4.5 million people (45% of the population) in need of emergency assistance (≥ IPC 3).**

¹ World Bank & National Observatory of Poverty and Social Exclusion. 2014.

² World Bank. 2020. <https://www.banquemonde.org/fr/home>

Section 2:

Investment environment

Weaknesses

- Civil unrest, political and social instability, macroeconomic vulnerability
- Informal and low-paid jobs, unskilled workers, lack of organization, reduced infrastructure

Potential

- Good agroecological conditions
- Building resilience and food security
- Investments in rural employment and poverty reduction
- Maintain and develop agricultural economic activities
- Develop the domestic market and explore the export potential of certain products (eg. strengthening quality, connections with the Dominican Republic)



Section 2: Investment environment

YAM

- At national level: 3rd crop produced (quantity)
- South-East: 4th producing region¹
- Planted area in South-East: 998 ha¹

Crop	National area in hectares 2019 ¹
Yam	12,490

- Yam in agroforestry, banana-coffee agroforestry system
- Agroforestry systems allow for environmental protection and climate change mitigation (e.g. erosion reduction)
- Food security (nutritional) and resilience of populations
- **Both subsistence and export crops**
- **Largely consumed by Haitians, in the form of porridge**

55%-71%

of the population is considered poor²
→ For the 5 targeted communes
→ % depends on municipality

NB. 2012 National Poverty Line: \$2.32/day



60%

of the poorest households in Haiti are rural households³.

1 USAI. 2021. Production surveys (ENPA).

2 IDB. 2020. Estimating and forecasting poverty and income inequality in Haiti.

3 IFAD. 2017. Agriculture in Haiti.

Section 3: HiH Investment Note

Investments to strengthen resilience and food security in South-East Haiti

Objective

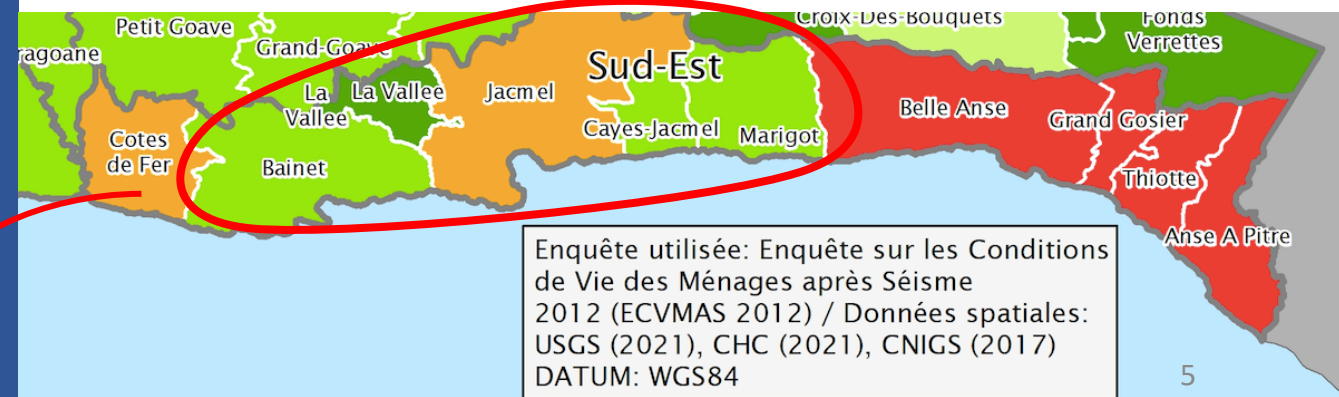
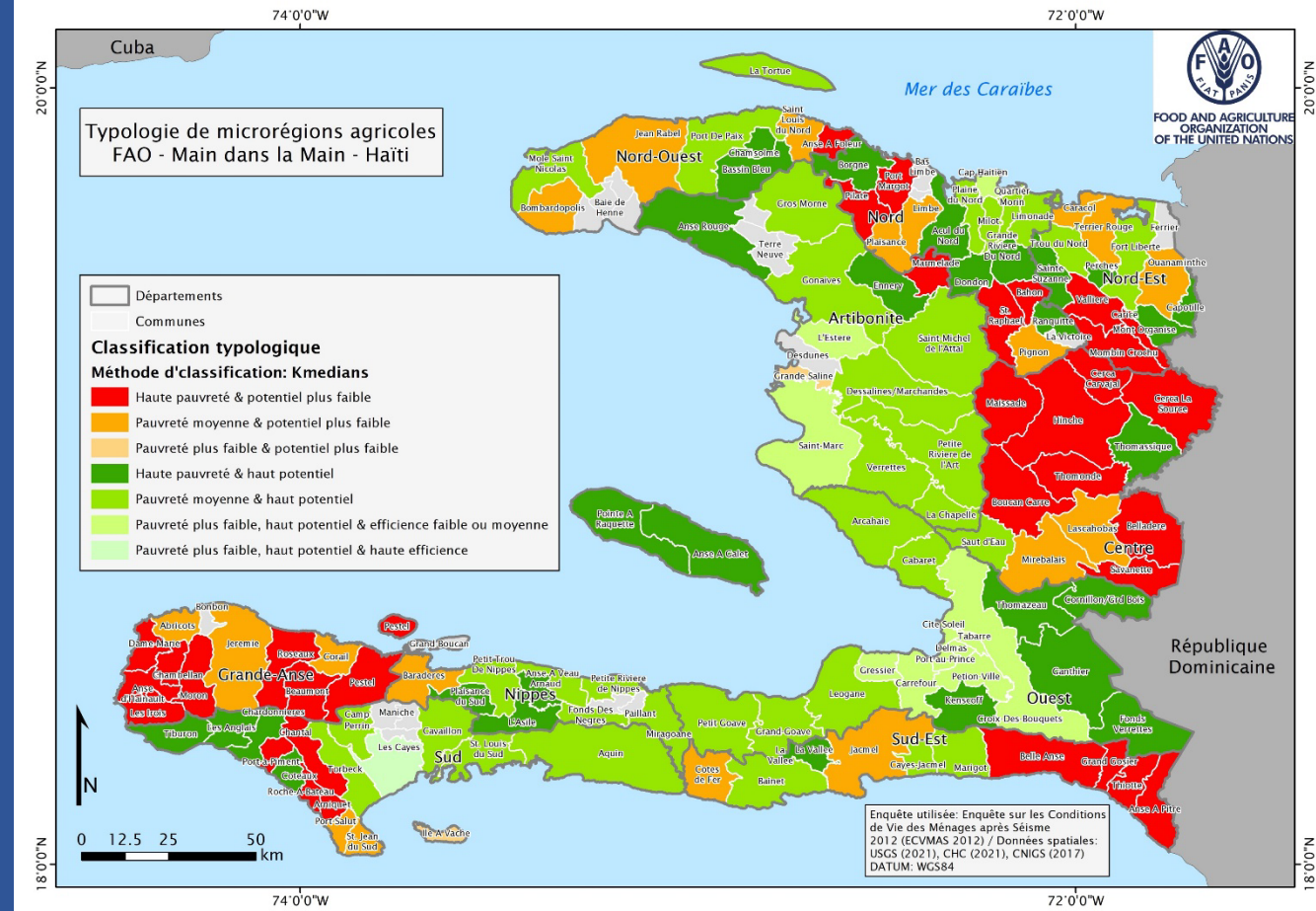
Strengthen the development of promising agricultural sectors

Types of intervention

- Increased agricultural production and productivity
- Creation of added value through the development of transformation
- Market access

Departement: South-East

Municipalities: La Vallée, Baint, Cayes-Jacmel, Marigot



Section 3:

HiH Investment Note



Strategic frameworks for the promotion of the agricultural sector

Priorities Post-Covid-19 Economic Recovery Plan (PREPOC) 2020-2023

- Rural roads and agricultural infrastructure
- Improved storage to limit post-harvest losses
- Valorisation of products & Promotion of agricultural entrepreneurship
- Promotion of export chains
- Strengthening the sector's monitoring and evaluation system and providing it with reliable agricultural statistics

Politique et Stratégie Nationales de Souveraineté, de Sécurité Alimentaire et de Nutrition en Haïti (PSNSSANH)

- Food security and food sovereignty



Investment Opportunities

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Opportunity 1: Development of the yam sector

Type of intervention 1:

Increased agricultural production and productivity

Description of activities

- Access and local production of quality plants
- Demonstration plots
- Training & capacity building (e.g. FFS)
- BAC institutional support (solar electricity system, laboratory, etc.)
- Yam processing (flour), recipe, chemical analysis and nutritional guidelines

Expected results

- Yields multiplied by 2
- Diversification of the varieties used
- Improved access to plants
- Development of local enterprises (inputs, processing of yam into flour)
- Increased farmers' incomes
- Improved food security and nutrition
- Development of farmers associations
- Increased support of farmers through BAC (trainings)

Indicators

- ✓ **1500 households receive a technical package and training**
- ✓ **1500 families see their livelihood improved through the different interventions**
- ✓ **500 ha of sustainable production (300 ha agroforestry, 200 ha full sun)**
- ✓ **100 demonstration plots in place**
- ✓ **10 business creations => job creations (women)**
- ✓ **Increased revenues of 1,550 to 1900 USD for full sun yam producers**
- ✓ **Increased revenues of 350 to 550 USD for agroforestry yam producers**

Opportunity 1: Development of the yam sector

Type of intervention 1:

Increased agricultural production and productivity

Economic indicators

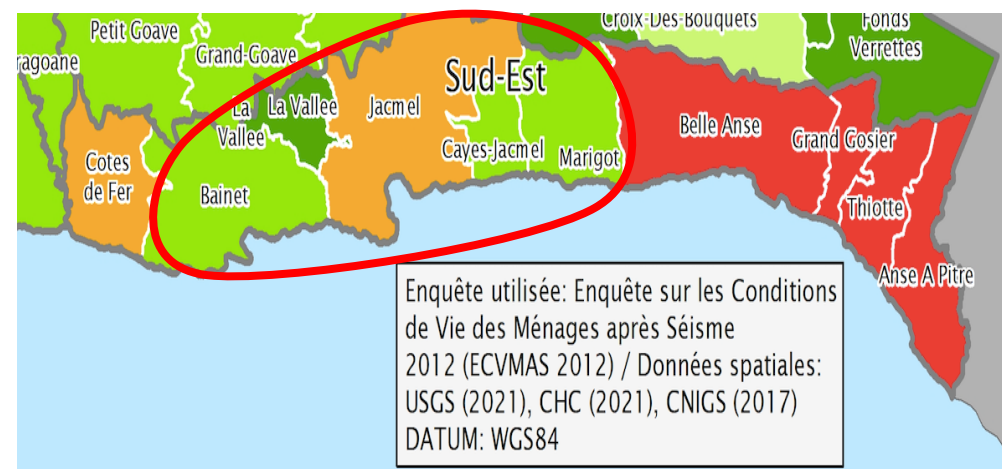
- ❑ **NPV:** 1.2 millions US\$
- ❑ **IRR:** 17,5%
- ❑ **Total investment:** 5.8 millions US\$
- ❑ **Duration of intervention:** 5 years
- ❑ **Possible source of funding:** Development partners

- **2,8M USD:** technological packages & business development support
- **960,000 USD:** plants improvement and production
- **800,000 USD:** trainings, demonstration plots & FFS
- **245,000 USD:** institutional support to BAC
- **200,000 USD:** yam processing, recipe, chemical analysis and nutritional guidelines

Risks & Mitigation

- The political and social situation in the country hampers activities
- Crop loss => **good practices**
- Reluctance to adopt technical packages by farmers
- Low capacity => **technical assistance**

Zone





INVESTMENT NOTE HAITI



Organisation des Nations Unies pour l'alimentation et l'agriculture

SUMMARY

US\$5.8M
Total investment

17.5%
Mean IRR

1,500
Beneficiaries

US\$350-US\$1,900
Increase in revenues/capita

60,894 tCo2-e
Emission reduction

Intervention 1
Development of the yam sector

Cost (USD)
US\$5.8M

IRR (%)
17.5%

NPV
US\$1.2M

Sustainable results
Beneficiaries: 1,500 households
Increase in revenues/capita: US\$350 – US\$1,900 (depending on production system)
Emission reduction: 60,894 tCo2-e

KEY INVESTMENTS



Organisation des Nations Unies
pour l'alimentation et l'agriculture

**THANK YOU FOR
YOUR ATTENTION**

MESI ANPIL!



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