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 GDP[2]	
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.banquemondiale.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 region[1]
- Planted area in South-East: 998 ha[1]

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 poor[2]
→ 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 households[3].**

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

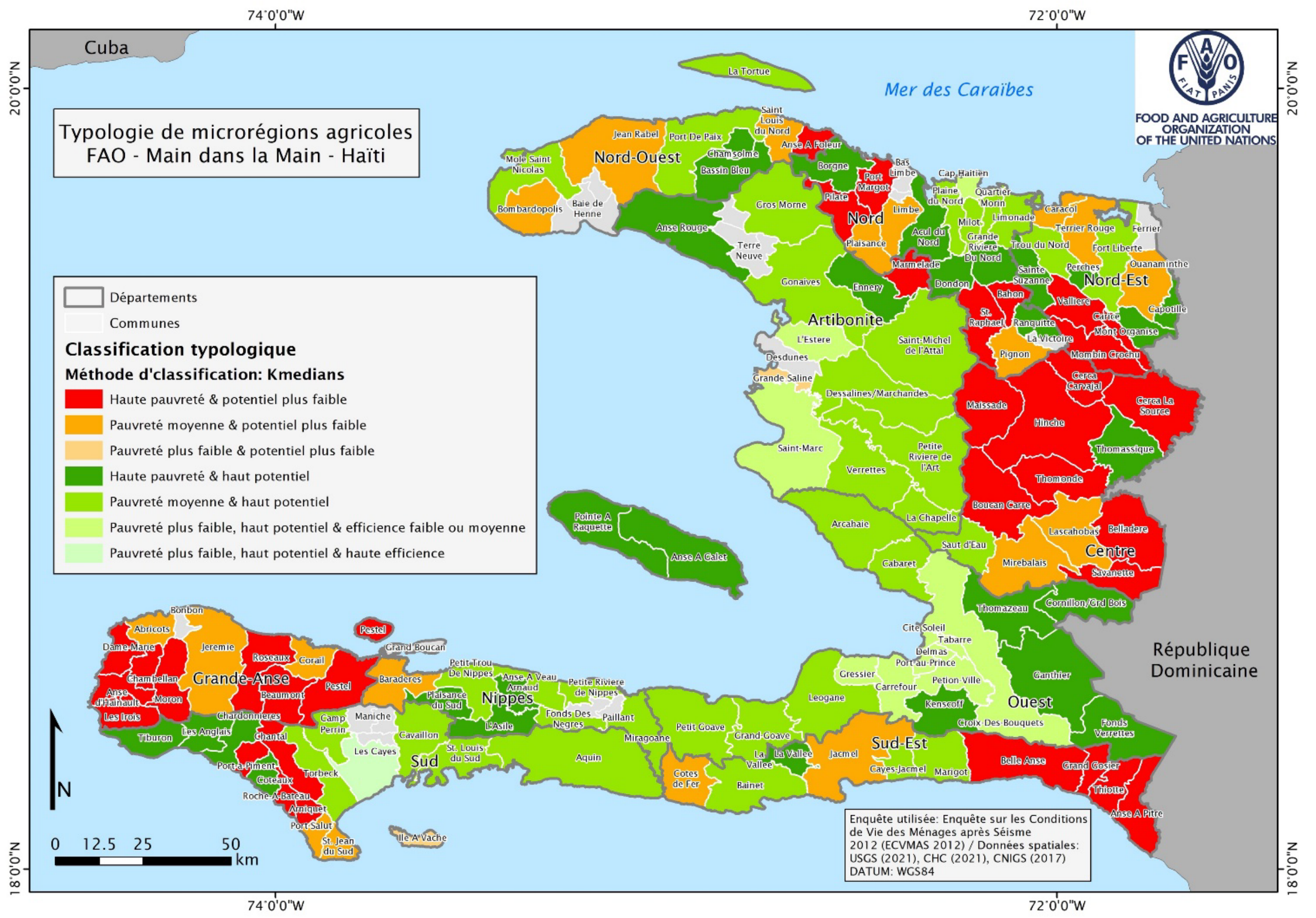
Investments to strengthen resilience and food security in South-East Haiti

Objective

Strengthen the development of promising agricultural sectors

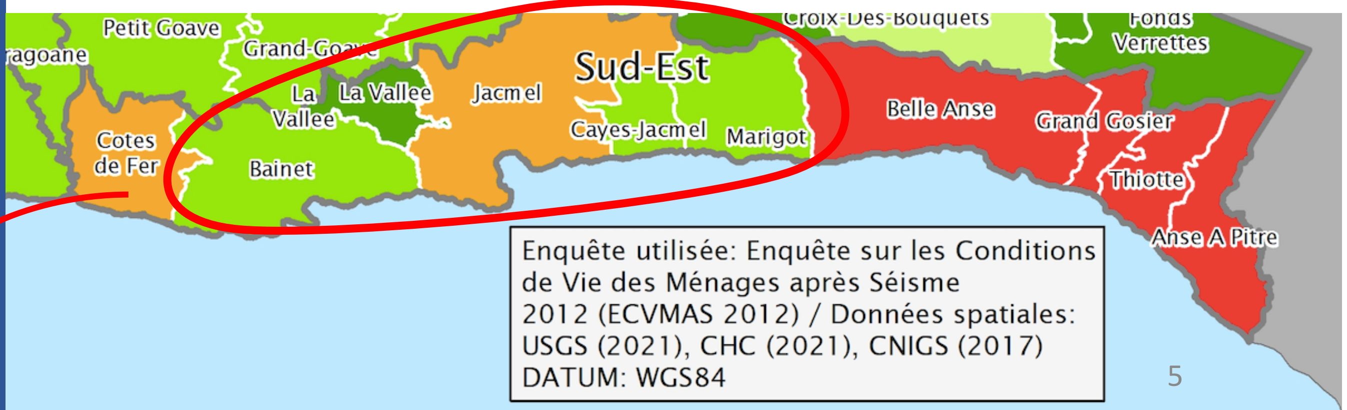
Types of intervention

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

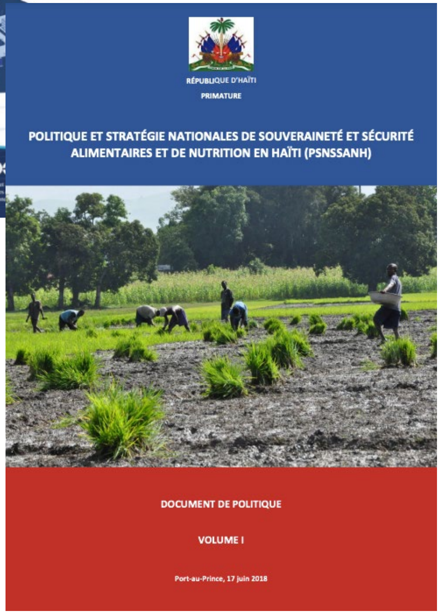


Departement: South-East

Municipalities: La Vallée, Bainet, 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

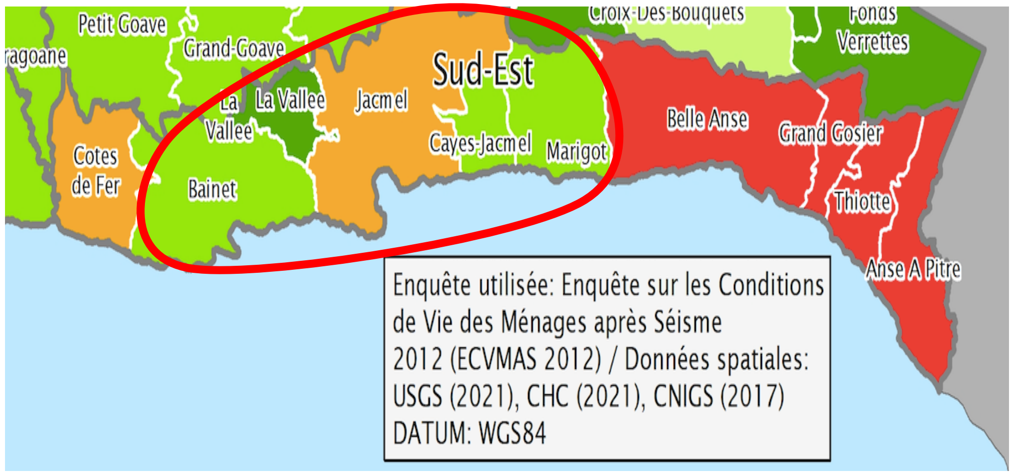
- **NPV:** 1.2 millions US$
- **IRR:** 17,5%
- **Total investment:** 5.8 millions US$
- **Duration of intervention**: 5 years
- **Possible source of funding:** Development partners

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**

- **2,8M** USD: technological packages & business development support
- **960,000** USD: plants improvment 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

Zone



INVESTMENT NOTE HAITI

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SUMMARY

US$5.8M	17.5%	1,500	US$350-US$1,900	60,894 tCo2-e
Total investment	Mean IRR	Beneficiaries	Increase in revenues/capita	Emission reduction

1

Intervention
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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