Section 1: Overview

- The majority of Haitians depend on the agricultural sector, mainly subsistence agriculture.¹
- Agriculture accounts for about **38%** of total employment.¹
- The agricultural sector accounts for **20.3%** of GDP²

<table>
<thead>
<tr>
<th>PIB Nominal 2020 (billion USD$)²</th>
<th>Share of agriculture, livestock, forestry and fisheries (billion USD$)²</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.51</td>
<td>2.95</td>
</tr>
</tbody>
</table>

Haiti is a net importer of food.

- 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

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.
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 (e.g. 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

<table>
<thead>
<tr>
<th>Crop</th>
<th>National area in hectares 2019^1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yam</td>
<td>12,490</td>
</tr>
</tbody>
</table>

• 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).
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, Caves-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

Investment Note to Strengthen Resilience and Food Security in Southeast Haiti
## Opportunity 1: Development of the yam sector

### 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

<table>
<thead>
<tr>
<th>Economic indicators</th>
<th>Risks &amp; Mitigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• NPV: 1.2 millions US$</td>
<td>• The political and social situation in the country hampers activities</td>
</tr>
<tr>
<td>• IRR: 17,5%</td>
<td>• Crop loss $\Rightarrow$ <strong>good practices</strong></td>
</tr>
<tr>
<td>• Total investment: 5.8 millions US$</td>
<td>• Reluctance to adopt technical packages by farmers</td>
</tr>
<tr>
<td>• Duration of intervention: 5 years</td>
<td>• Low capacity $\Rightarrow$ <strong>technical assistance</strong></td>
</tr>
<tr>
<td>• Possible source of funding: Development partners</td>
<td></td>
</tr>
</tbody>
</table>

- **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

Zone

**INVESTMENT NOTE HAITI**

**SUMMARY**

<table>
<thead>
<tr>
<th>Cost (USD)</th>
<th>US$5.8M</th>
<th>17.5%</th>
<th>1,500</th>
<th>US$350-US$1,900</th>
<th>60,894 tCO2-e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total investment</td>
<td>Mean IRR</td>
<td>Beneficiaries</td>
<td>Increase in revenues/capita</td>
<td>Emission reduction</td>
<td></td>
</tr>
</tbody>
</table>

**Intervention**

- Development of the yam sector

**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
THANK YOU FOR YOUR ATTENTION

MESI ANPIL!

Haiti

| Investment Forum Rome, Italy | October 17-19, 2022 |