

REGIONAL AGRICULTURE PROFILE (RAP) SURINAME HUB





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AGRICULTURE INFRASTRUCTURE DIVISION

2020 ECONOMIC & SOCIAL INFRASTRUCTURE DEPARTMENT IN COLLABORATION WITH
ECONOMIC AND RESEARCH INSTITUTIONAL LEARNING DEPARTMENT

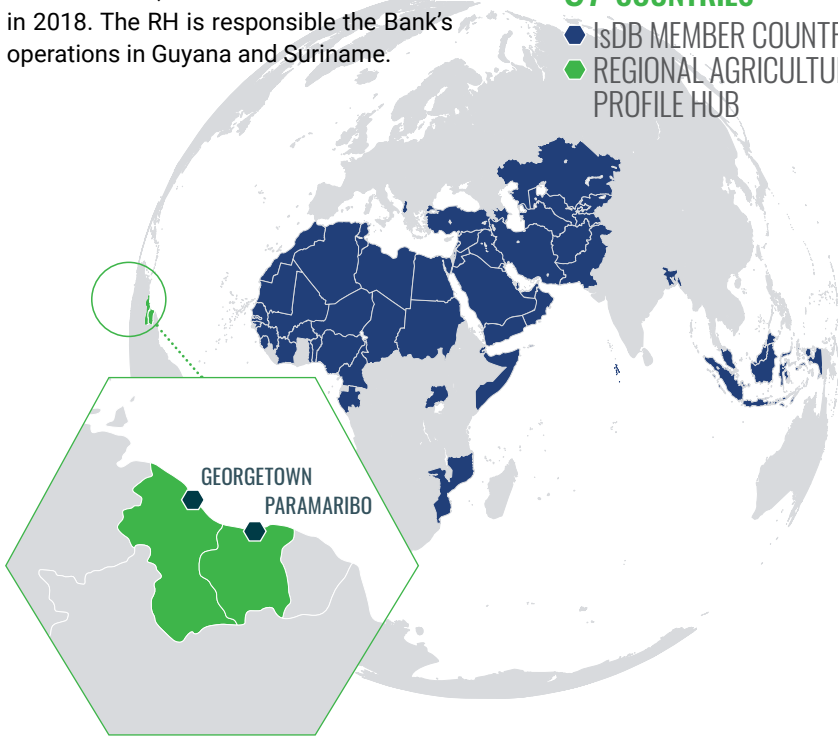
INTRODUCTION

The Islamic Development Bank (IsDB) Regional Hub in Suriname (RH-SH), based in Paramaribo, Suriname was established in 2018. The RH is responsible the Bank's operations in Guyana and Suriname.

THE PRESENT MEMBERSHIP OF THE IsDB CONSISTS OF

57 COUNTRIES

- ISDB MEMBER COUNTRIES
- REGIONAL AGRICULTURE PROFILE HUB



GUYANA

JOINING DATE
SUBSCRIBED CAPITAL (SC)
% OF TOTAL IsDB SC

2016
US\$ 2.50 MILLION
0.01

SURINAME

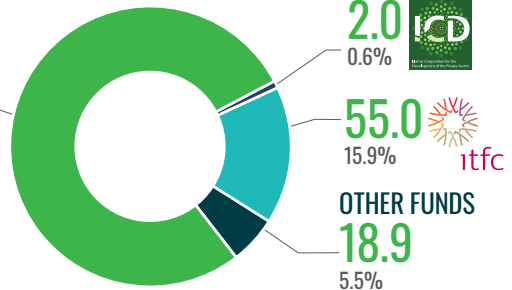
JOINING DATE
SUBSCRIBED CAPITAL (SC)
% OF TOTAL IsDB SC

1997
US\$ 9.23 MILLION
0.02

IsDB GROUP TOTAL NET APPROVALS
1997-2019
(MILLION US\$)

TOTAL
US\$ 346.2

 **270.3**
78.1%



SURINAME HUB

TOTAL COUNTRIES AREA ('000 HA)

90,070
2018



TOTAL POPULATION ('000)

1,355
2018



2018

GDP PER CAPITA (CURRENT PRICES, US\$)

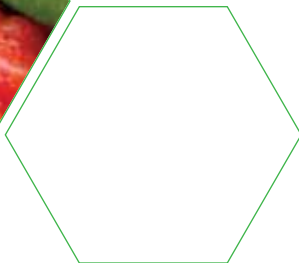
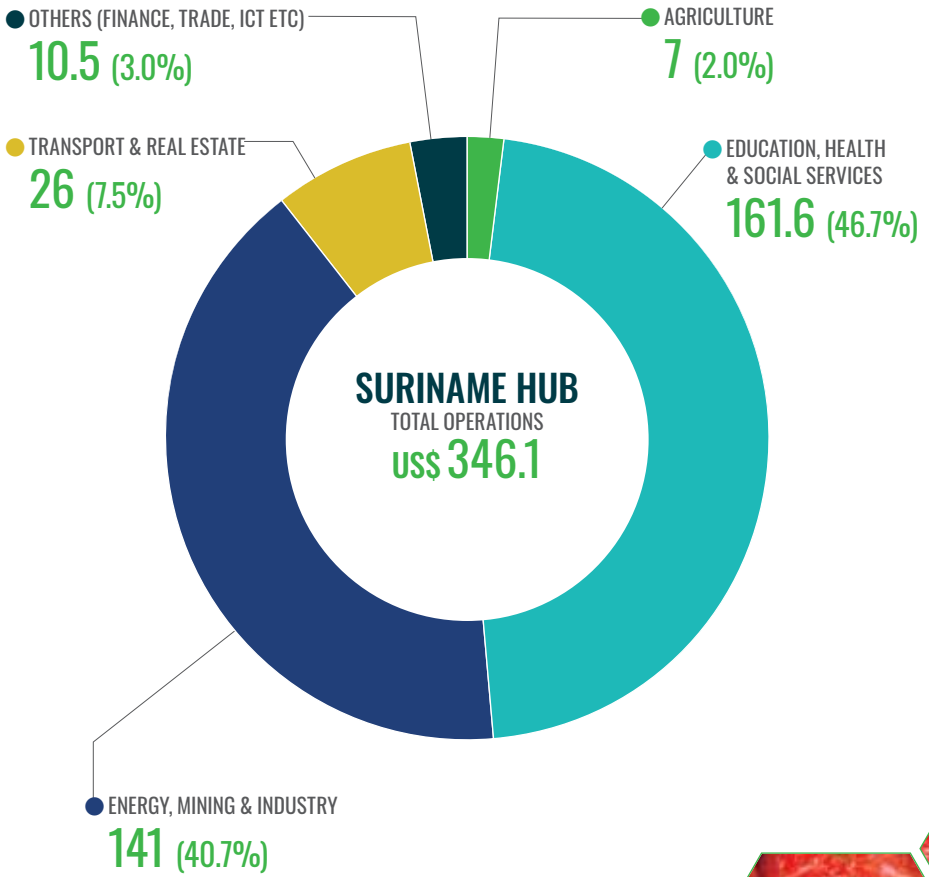
5,607
2018



2018



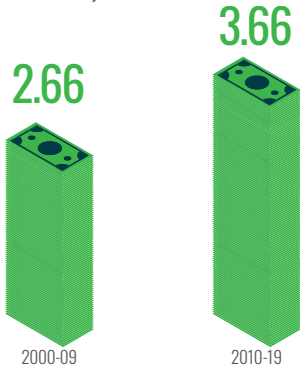
IsDB GROUP OPERATIONS BY SECTOR 1997 - 2019
(MILLION US\$)



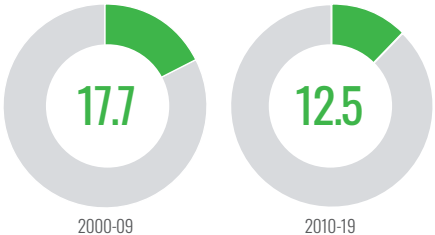
ECONOMIC RELEVANCE OF AGRICULTURE SECTOR

Since 1990s, the economies of SH counties have diversified, resulting in boom in other sectors, particularly service sector. The contribution of agriculture sector to the economy as well as employment including % female employment in the sector has declined over past two decades.

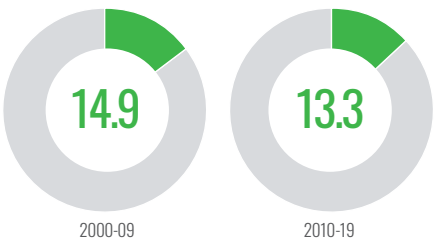
GDP (BILLION USS)



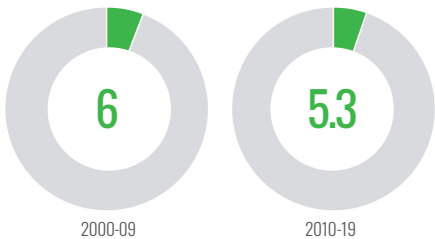
% AGRICULTURE TO GDP



% OF AGRIC. EMPLOYMENT TO TOTAL EMPLOYMENT

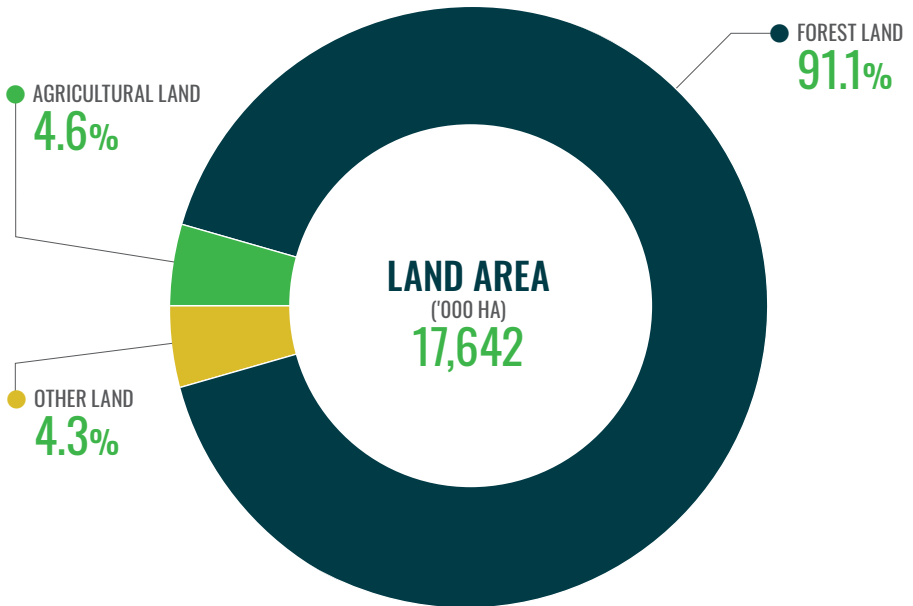


% OF FEMALE EMPLOYMENT IN AGRIC. TO FEMALE EMPLOYMENT

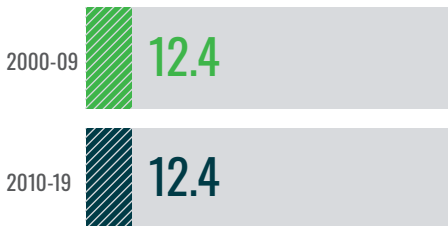


AGRICULTURE AND LAND USE

In SH, close to 93.1% of country areas is land area. About 4.6% of the land area is agricultural land. Significant part of the agricultural land is crop land followed by permanent meadows. 91.1% of land area is covered by forest. The land area equipped for irrigation, on average, stayed at 8.3 million ha over the past two decades.

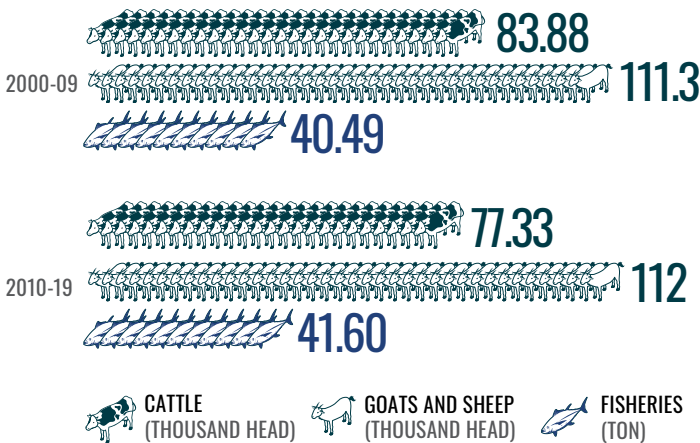
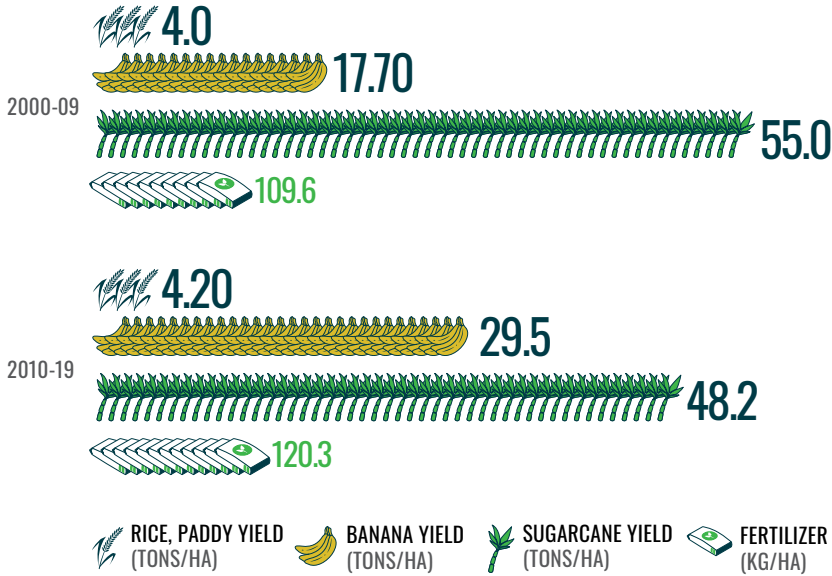


LAND AREA EQUIPPED FOR IRRIGATION (%)

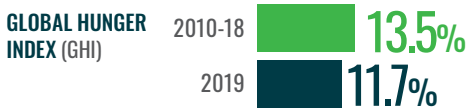


FOOD SECURITY AND NUTRITION

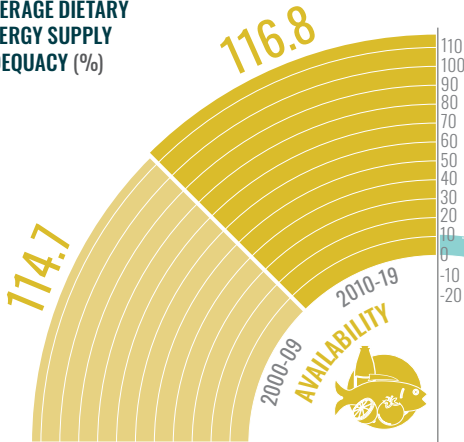
Rice is a major staple crop in the region followed by banana including plantain. The yields of major crops increased over the past two decades. Livestock particularly fisheries plays a vital role in the development of rural economies and important for the food and nutrition security.



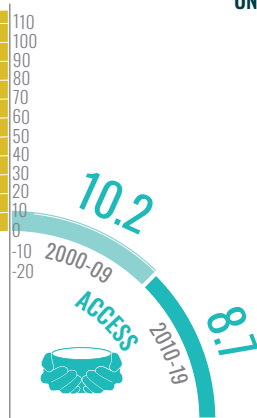
Overall food security has significantly improved over the past decade. Global Hunger Index (GHI) declined from 13.5 in 2000-18 to 11.7 in 2019.



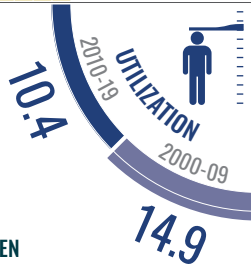
AVERAGE DIETARY ENERGY SUPPLY ADEQUACY (%)



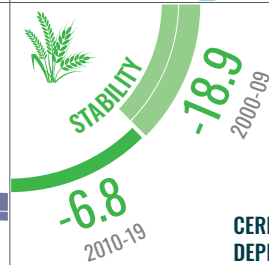
PREVALENCE OF UNDERNOURISHMENT (%)



% STUNTING IN CHILDREN UNDER 5 YEARS



CEREAL IMPORT DEPENDENCY RATIO (%)





CLIMATE CHANGE

The countries in SH is highly vulnerable to climate change and agriculture sector which faces threat particularly in areas is affected by flooding, and drought. It is predicted that average annual temperatures will increase by 2.05°C by 2050 if no measures are taken. Likewise, precipitation will decline 63.7 mm by 2050.

CHANGES IN TEMPERATURE (DEGREES CELSIUS)



SURINAME REGION

1990-99



2000-09



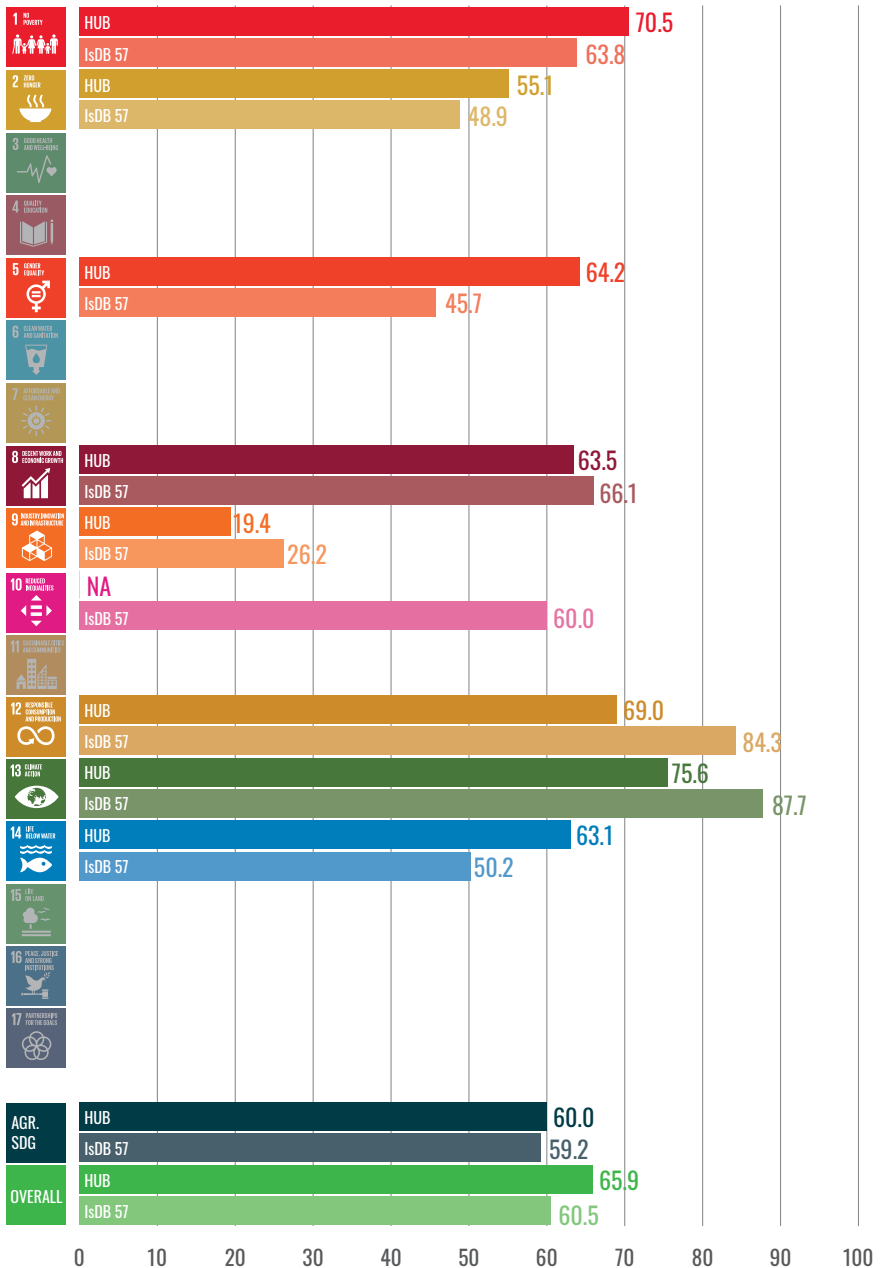
2010-18

SURINAME HUB HAS ACHIEVED THE HIGHEST PROGRESS IN CLIMATE ACTION (SDG 13) WITH A SCORE OF **75.6%**



PROGRESS TOWARDS THE SDGs

AGRICULTURE-RELATED SDG SCORES | SURINAME HUB vs IsDB 57

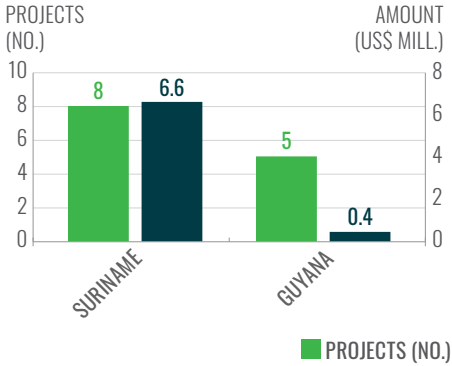


IsDB FOOTPRINT IN THE REGION

IsDB AGRICULTURAL FINANCING | 1997-2019

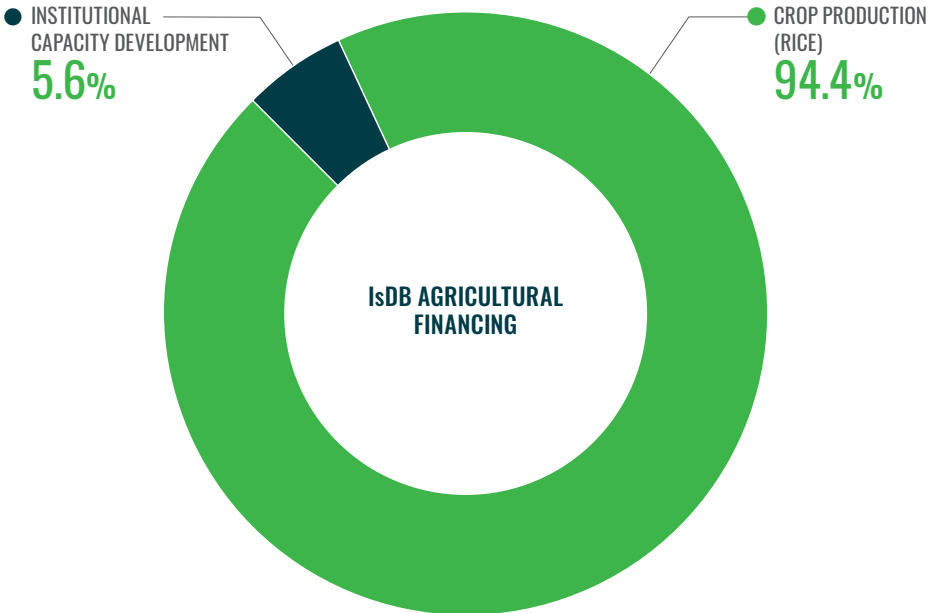
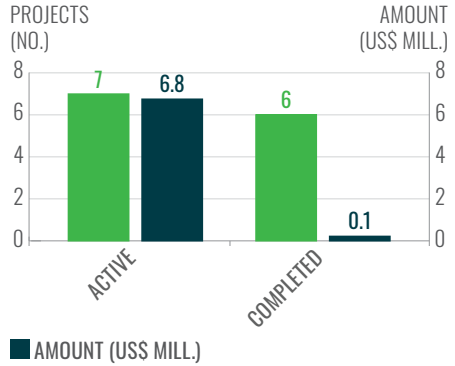
COUNTRY OPERATIONS

ACTIVE & COMPLETED (PROJECT NO AND US\$)



REGIONAL HUB OPERATIONS

ACTIVE & COMPLETED (PROJECT NO AND US\$)



IsDB ONGOING INVESTMENT & KEY EXPECTED OUTPUT IN SURINAME HUB

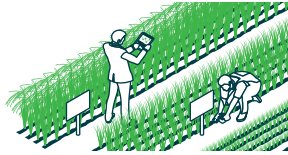
TOTAL PROJECT INVESTMENT:

US\$4.41M



NEW RICE SEED VARIETIES (NO)

4



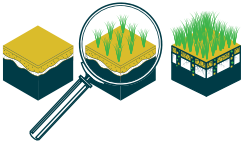
FIELD TRIALS/PILOTS (NO)

10



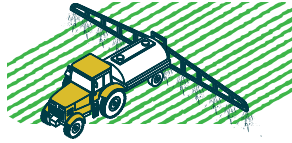
RICE POLICY FRAMEWORK DEVELOPED (NO)

1



SOIL FERTILITY TRAININGS (NO)

4



IRRIGATION TRAINING/PILOTS (NO)

4



LAND DEVELOPMENT (HA)

500



INSTITUTIONAL CAPACITY STRENGTHENED IN BREEDING METHODOLOGY (NO)

8

CROP PRODUCTION RECEIVED
94.4%
OF ISDB AGRICULTURAL FINANCING

IsDB OUTLOOK IN THE REGION

IsDB new business model, which is based on Global Value Chain, aims to boost the competitiveness of member countries. IsDB aims to achieve this goal by supporting member countries develop strategic industries in which they have revealed comparative advantage, creating local supply chains, and integrating them with Global Value Chains. This new business model will be implemented through GVC based Member Country Partnership Strategy (MCPS). The Bank will prepare Guyana and Suriname MCPS in 2021 and are expected to focus on the following thematic areas:



Crop and livestock (including fisheries) production/productivity



Inclusive value chain development along with market access



Institutional capacity development for farmers' organizations



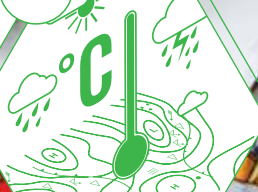
Islamic Microfinance

DATA SOURCES

IsDB project data is taken from the existing IsDB Database, while most other indicators are calculated based on the data available from FAOSTAT (<http://www.fao.org/faostat/en/#data>), except for the following indicators:

- (i) National Rainfall Index and total water withdrawal, agricultural water withdrawal and industrial water withdrawal as well as temperature change are taken from FAO AQUASTAT (www.fao.org/nr/water/aquastat/data/query/index.html?lang=en)
- (ii) Global Food Security Index is taken from 2018 Global Food Security Index and 2019 Global Food Security Index (<https://foodsecurityindex.eiu.com/>).
- (iii) Global Food Hunger Index Scores from 2000 to 2019 from 2019 Global Hunger Index (<https://www.globalhungerindex.org/download/all.html>).
- (iv) SDG Index Scores are taken and calculated from the 2019 publication of Bertelsmann Stiftung and Sustainable Development Solutions Network (SDSN) titled Sustainable Development Report 2019: Transformations to Achieve the Sustainable Development Goals. Some of the Scores are taken and calculated from the 2019 IsDB Publication titled Reaching the SDGs: Progress of the IsDB Member Countries.
- (v) Percentage agriculture GDP to total GDP is from the World Bank (<https://data.worldbank.org/>). Agriculture includes agriculture, forestry and fishing.
- (vi) Percentage of agricultural employment to total employment is from the World Bank (<https://data.worldbank.org/>).
- (vii) Percentage of female employment in agriculture to female employment is from the World Bank (<https://data.worldbank.org/>).
- (viii) Agricultural productivity is from the World Bank (<https://data.worldbank.org/>).

Note: The figures for the specified period provided in this RAP are based on simple average of available data across the years and countries in the region (Hub) during the period. In some cases, the figures for the Hub may be based only on some years during the period and/or only on some countries in the Hub.





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