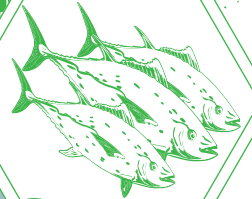


REGIONAL AGRICULTURE PROFILE (RAP) SENEGAL HUB



SENEGAL
THE GAMBIA
GUINEA BISSAU
GUINEA
SIERRA LEONE
MALI
COTE D'IVOIRE





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AGRICULTURE INFRASTRUCTURE DIVISION

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

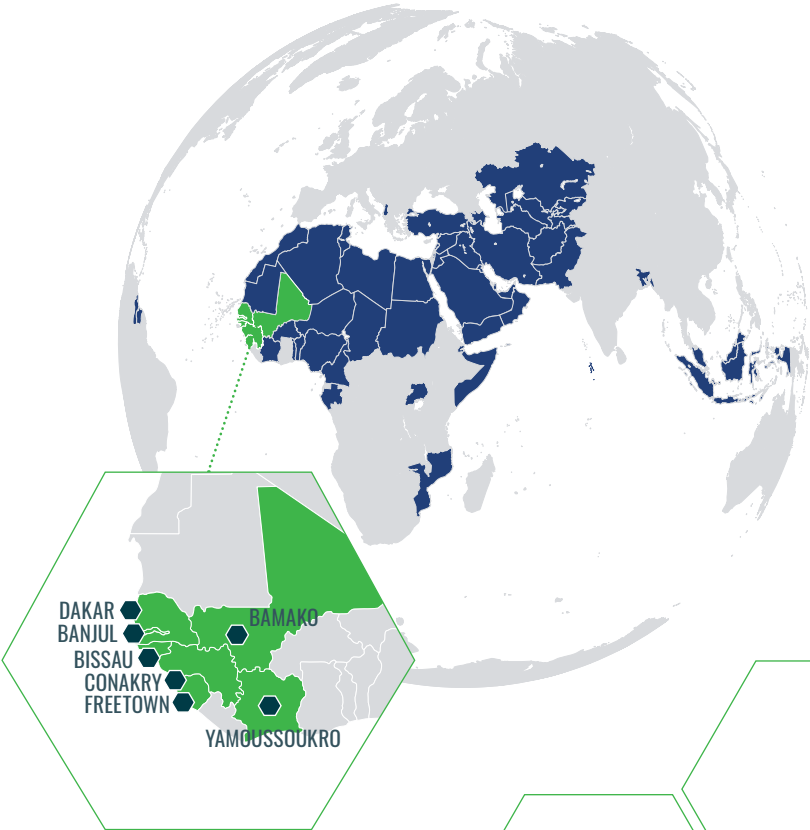
INTRODUCTION

The Islamic Development Bank (IsDB) Regional Hub (RH) in Senegal is based in Dakar, Senegal and was established in 2018¹. The hub is responsible the Bank's operations In Cote d'Ivoire, The Gambia, Guinea, Guinea Bissau, Mali, Senegal and Sierra Leone.

THE PRESENT MEMBERSHIP OF THE ISDB CONSISTS OF

57 COUNTRIES

- ISDB MEMBER COUNTRIES
- REGIONAL AGRICULTURE PROFILE HUB



¹ IsDB opened the regional office in November 2007 and was transformed to a regional hub in 2018.

COTE D'IVOIRE

JOINING DATE **2002**
 SUBSCRIBED CAPITAL (SC) **ID 13.0 MILLION**
 % OF TOTAL IsDB SC **0.026**

GUINEA

JOINING DATE **1974**
 SUBSCRIBED CAPITAL (SC) **ID 45.9 MILLION**
 % OF TOTAL IsDB SC **0.091**

MALI

JOINING DATE **1978**
 SUBSCRIBED CAPITAL (SC) **ID 50.9 MILLION**
 % OF TOTAL IsDB SC **0.101**

SIERRA LEONE

JOINING DATE **1982**
 SUBSCRIBED CAPITAL (SC) **ID 18.2 MILLION**
 % OF TOTAL IsDB SC **0.036**

THE GAMBIA

JOINING DATE **1980**
 SUBSCRIBED CAPITAL (SC) **ID 25.8 MILLION**
 % OF TOTAL IsDB SC **0.051**

GUINEA- BISSAU

JOINING DATE **1978**
 SUBSCRIBED CAPITAL (SC) **ID 5.0 MILLION**
 % OF TOTAL IsDB SC **0.010**

SENEGAL

JOINING DATE **1976**
 SUBSCRIBED CAPITAL (SC) **ID 147.8 MILLION**
 % OF TOTAL IsDB SC **0.295**

IsDB GROUP TOTAL NET APPROVALS 1974-2019 (MILLION US\$)

TOTAL
US\$ 9,514

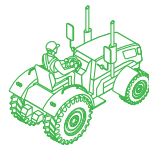
IsDB 6,587.0
 69.2%



408.2 ID
 4.3%

1,865.4 itfc
 19.6%

OTHER FUNDS
653.4
 6.9%



ABOUT
70%
OF THE AGRICULTURAL
GROWTH RATE OF THE
REGION IS ATTRIBUTED
TO THE EXPANSION OF
CULTIVATED LAND



SENEGAL HUB

TOTAL COUNTRIES AREA ('000 HA)

212,495

2018



TOTAL POPULATION ('000)

84,220

2018



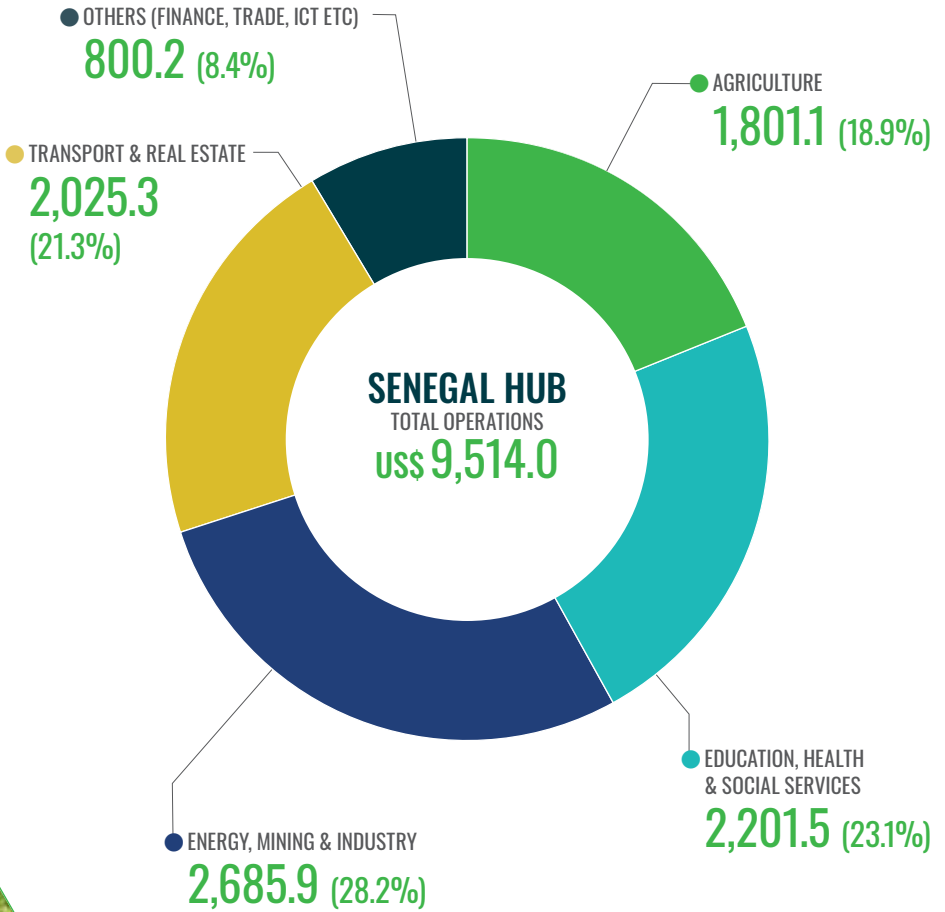
GDP PER CAPITA (CURRENT PRICES, US\$)

1,006.3

2018



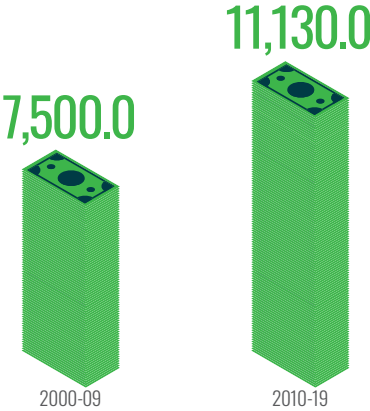
IsDB GROUP OPERATIONS BY SECTOR 1974 - 2019
(MILLION US\$)



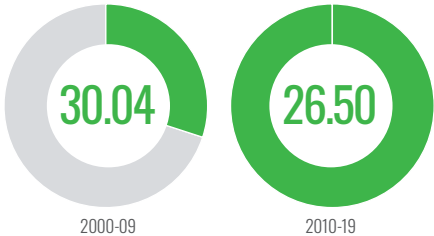
ECONOMIC RELEVANCE OF AGRICULTURE SECTOR

The economies of SH countries significantly expanded, on average, from 2.91% in 1990-1999 to 5.52% in 2010-2018. However, the agriculture's share to GDP remained almost constant during that period. Similarly, the sector's contribution, to employment generation remained constant with slight increase during the past two decades. However, % female employment in the sector experienced significant increase.

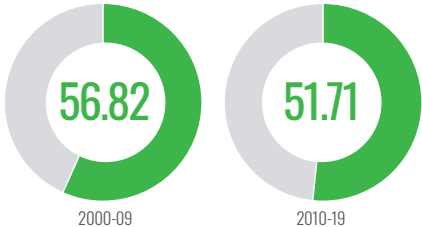
GDP¹ (MILLION US\$)



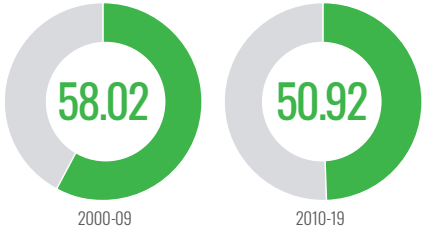
% AGRICULTURE TO GDP



% OF AGRIC. EMPLOYMENT TO TOTAL EMPLOYMENT



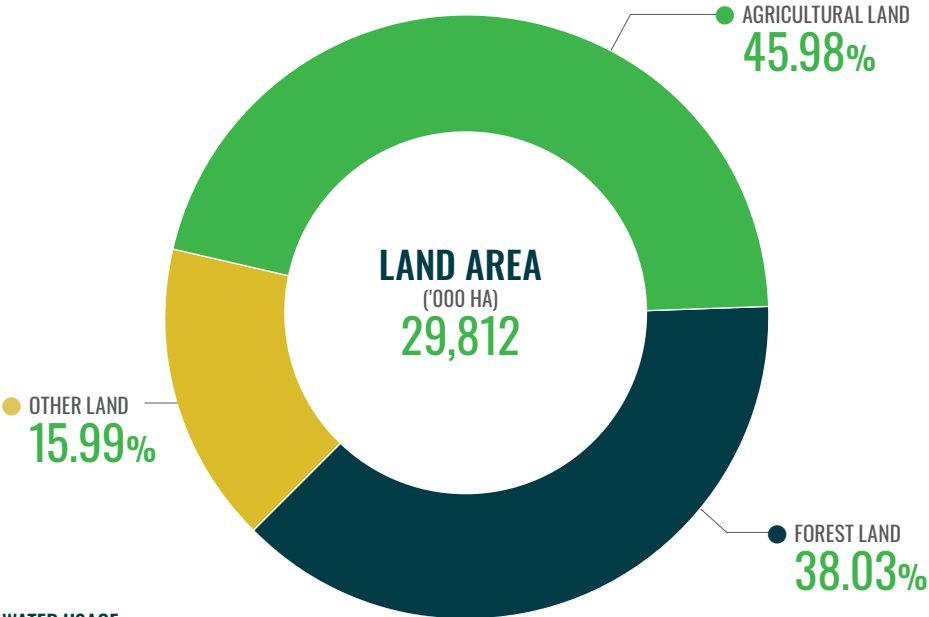
% OF FEMALE EMPLOYMENT IN AGRIC. TO FEMALE EMPLOYMENT²



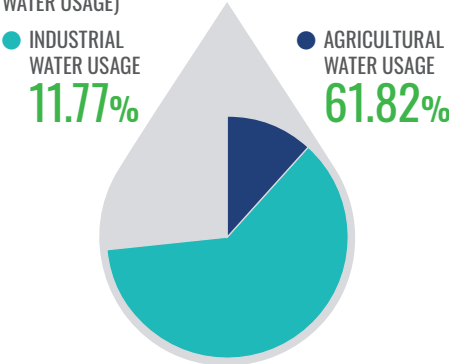
¹ At constant 2010 prices
² Mali and Sierra Leone

AGRICULTURE AND LAND USE

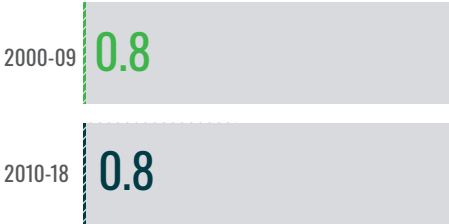
About 40% of the total land areas of the regional member countries is agricultural land. The region agriculture land expanded from an average of 13.4 million ha from 1990-99 to 15 million ha during the period 2010-18. About 70% of the agricultural growth rate of the region is attributed to the expansion of cultivated land. However, land use and landscape structures are facing serious challenges in the region, including rapid population growth and climate change. The land equipped for irrigation increased by more than 7% over the past two decades.



WATER USAGE (% OF TOTAL WATER USAGE)



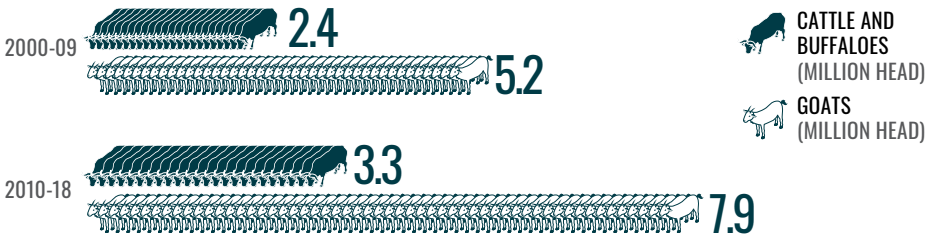
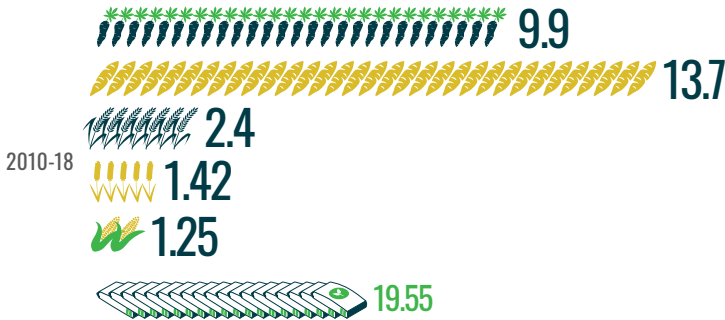
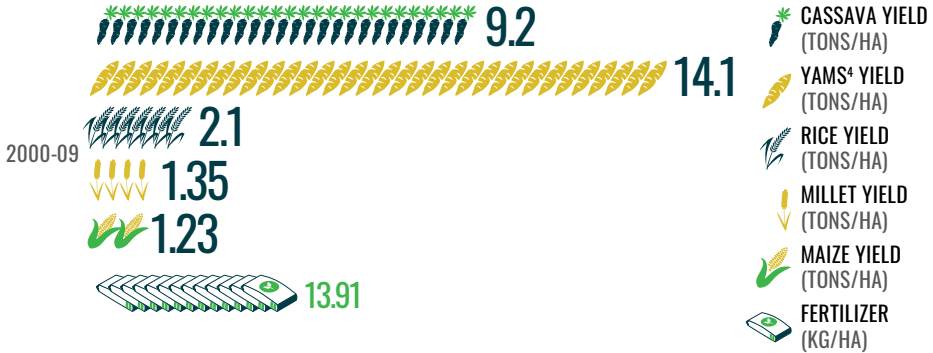
LAND AREA EQUIPPED FOR IRRIGATION (%)³



³ Excluding Guinea-Bissau

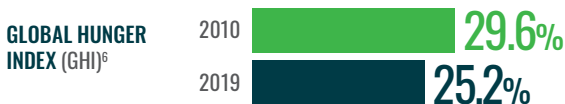
FOOD SECURITY AND NUTRITION

Root crops, rice, millet and maize are dominant food crops grown in the region. The yield of almost all major crops did not change substantially over the past two decades.

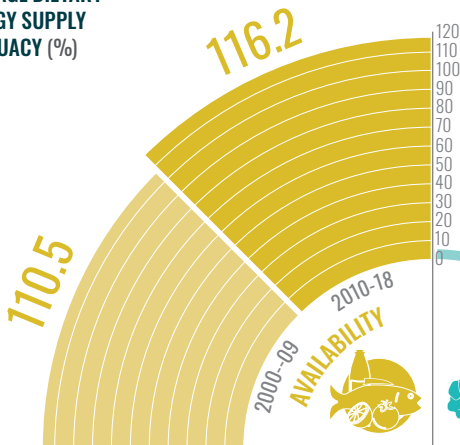


⁴ Cote de Ivoire, Guinea and Mali.

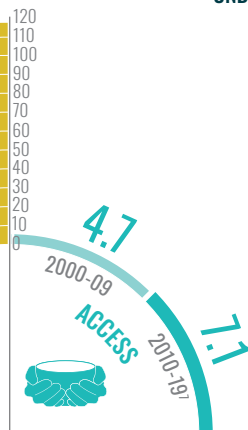
Overall food security has significantly improved over the past decade. The Global Food Security Index for SH increased from 36.06% (2010-18) to 42.5 in 2019. The Global Hunger Index (GHI) declined from 29.10 to 25 during the same period. Despite this progress, SH Countries remain to be low-income food deficit and one of the less-developed countries based on UN classifications.



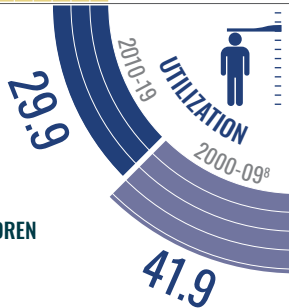
AVERAGE DIETARY ENERGY SUPPLY ADEQUACY (%)



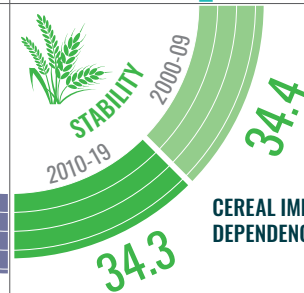
PREVALENCE OF UNDERNOURISHMENT (%)



% STUNTING IN CHILDREN UNDER 5 YEARS



CEREAL IMPORT DEPENDENCY RATIO (%)




⁵ Mali and Sierra Leone.

⁶ Guinea-Bissau, Mali, Senegal and Sierra Leone.

⁷ Guinea-Bissau only.

⁸ Guinea-Bissau only.



PROLONGED
DROUGHTS ARE
EXPECTED TO SIGNIFICANTLY
IMPACT THE AGRICULTURE
SECTOR IN THE REGION

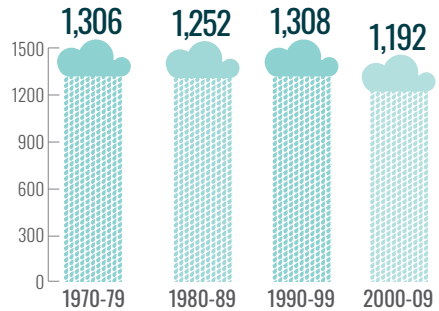
2010-18
RECORDED A
0.841°
TEMPERATURE
RISE



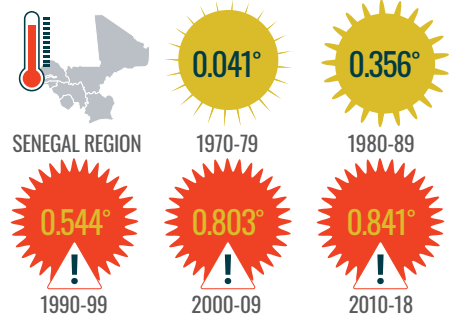
CLIMATE CHANGE

Prolonged droughts are expected to significantly impact the agriculture sector in the region. It is predicted that average annual temperatures will increase from 1.5°C to 6.5°C by 2050 if no measures are taken. Rainfall data also shows erratic pattern.

NATIONAL RAINFALL INDEX (NRI) (MM/YEAR)

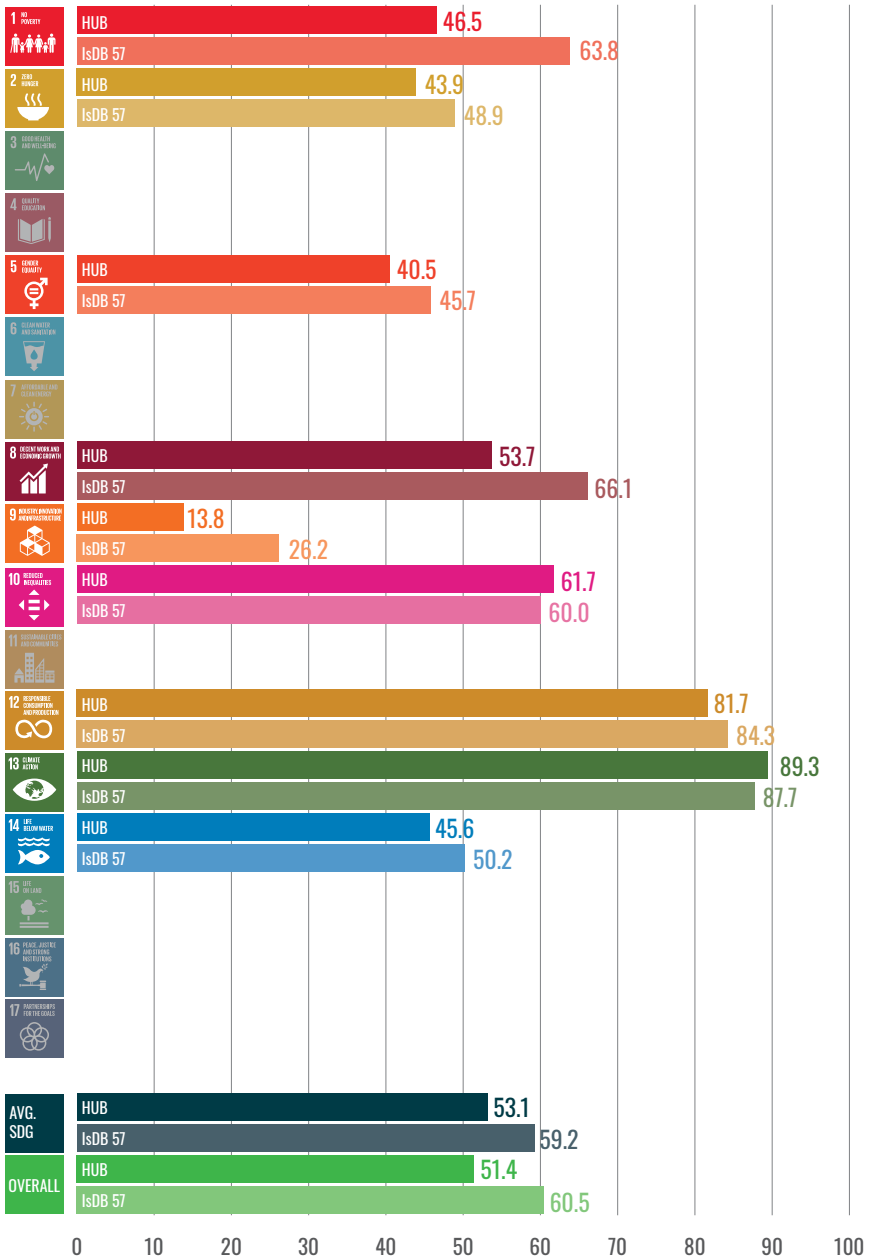


CHANGES IN TEMPERATURE (DEGREES CELSIUS)



PROGRESS TOWARDS THE SDGs

AGRICULTURE-RELATED SDG SCORES | SENEGAL HUB vs IsDB 57



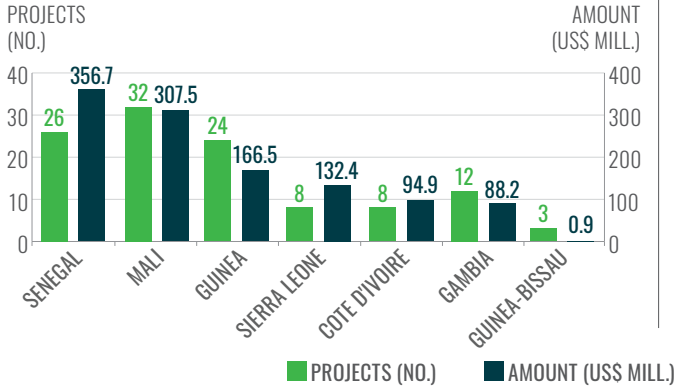


SENEGAL HUB
HAS ACHIEVED THE
HIGHEST PROGRESS IN
CLIMATE ACTION (SDG 13)
WITH A SCORE OF
89%

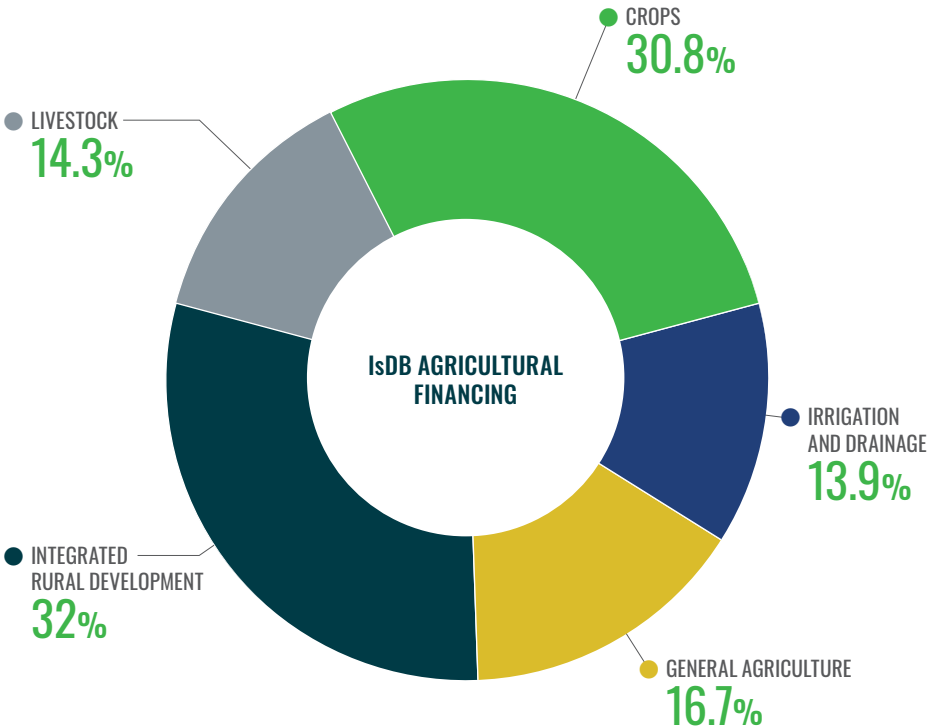
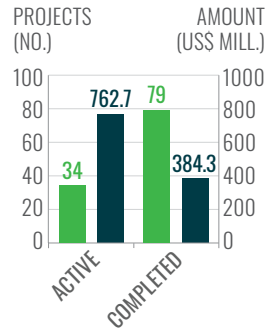
IsDB FOOTPRINT IN THE REGION

IsDB AGRICULTURAL FINANCING | 1974-2019

COUNTRY OPERATIONS ACTIVE & COMPLETED (PROJECT NO AND USS)



REGIONAL HUB OPERATIONS ACTIVE & COMPLETED (PROJECT NO AND USS)



ISDB ONGOING INVESTMENT & KEY EXPECTED OUTPUT IN SENEGAL HUB

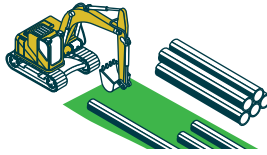
TOTAL PROJECT INVESTMENT:

US\$ 227M



CROP LAND DEVELOPMENT (HA)

25,115



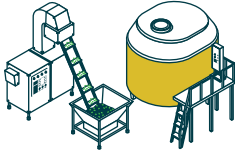
IRRIGATION INFRASTRUCTURE (KM)

50



PRODUCTION OF CERTIFIED RICE SEED (TONS)

13,000



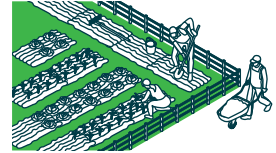
POST-HARVEST EQUIPMENT (NO)

188



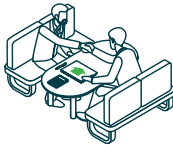
BENEFICIARIES (NO)

139,000



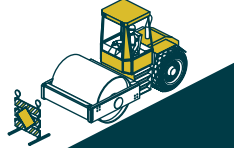
FARMERS TRAINED (NO)

31,800



JOBS BEING CREATED (NO)

115,000



RURAL ROADS (KM)

660



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 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 launched the preparation of Senegal and Guinea for 2020, Cote d'Ivoire and Sierra Leone respectively for 2021 and 2022 and are expected to focus on the following thematic areas:



Crops and livestock production/
productivity



Inclusive and competitive value
chains



Building resiliency to climate
change



Islamic Financial Services
Industry Development

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.





CONTACT US

 Islamic Development Bank
Regional Hub Senegal
18 Boulevard de la République
B.P. : 6253
Dakar étoile – Dakar
Sénégal

 +22 133 889 1144

 +22 133 823 3621

 info@isdb.org

 www.isdb.org