

REGIONAL AGRICULTURE PROFILE (RAP) EGYPT HUB





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AGRICULTURE INFRASTRUCTURE DIVISION

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

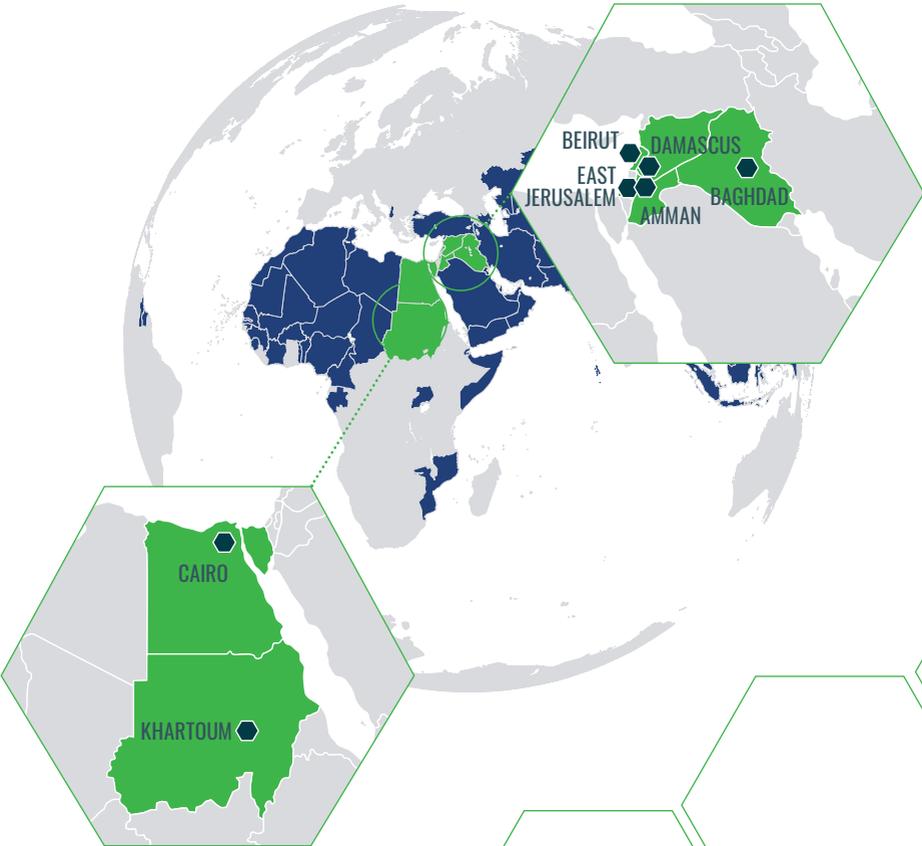
INTRODUCTION

The Islamic Development Bank (IsDB) Regional Hub in Egypt is based in Cairo, Egypt and was established in January 2018. The hub is responsible of the Bank's operations in Egypt, Iraq, Jordan, Lebanon, Palestine, Sudan and Syria.

THE PRESENT MEMBERSHIP OF THE IsDB CONSISTS OF

57 COUNTRIES

- ISDB MEMBER COUNTRIES
- REGIONAL AGRICULTURE PROFILE HUB



EGYPT

JOINING DATE 1974
 SUBSCRIBED CAPITAL (SC) ID 3,579.65 MILLION
 % OF TOTAL IsDB SC 7.07

IRAQ

JOINING DATE 1978
 SUBSCRIBED CAPITAL (SC) ID 135.05 MILLION
 % OF TOTAL IsDB SC 0.27

JORDAN

JOINING DATE 1974
 SUBSCRIBED CAPITAL (SC) ID 219.43 MILLION
 % OF TOTAL IsDB SC 0.43

LEBANON

JOINING DATE 1977
 SUBSCRIBED CAPITAL (SC) ID 35.77 MILLION
 % OF TOTAL IsDB SC 0.007

PALESTINE

JOINING DATE 1977
 SUBSCRIBED CAPITAL (SC) ID 19.55 MILLION
 % OF TOTAL IsDB SC 0.04

SUDAN

JOINING DATE 1974
 SUBSCRIBED CAPITAL (SC) ID 232.95 MILLION
 % OF TOTAL IsDB SC 0.46

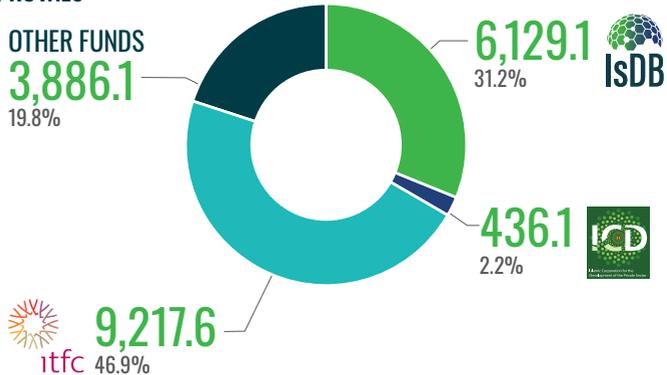
SYRIA

JOINING DATE 1977
 SUBSCRIBED CAPITAL (SC) ID 18.49 MILLION
 % OF TOTAL IsDB SC 0.04

ISDB GROUP TOTAL NET APPROVALS

1974-2019
 (MILLION US\$)

TOTAL
 US\$ 19,668.8





THE AGRICULTURE
SECTOR ACCOUNTS
FOR ABOUT
12%
OF THE REGION'S GDP

THE SECTOR
PROVIDES EMPLOYMENT
FOR MORE THAN
20%
OF THE ACTIVE
POPULATION

EGYPT HUB

TOTAL COUNTRIES AREA ('000 HA)

423,328



TOTAL POPULATION
(MILLION)

212,375



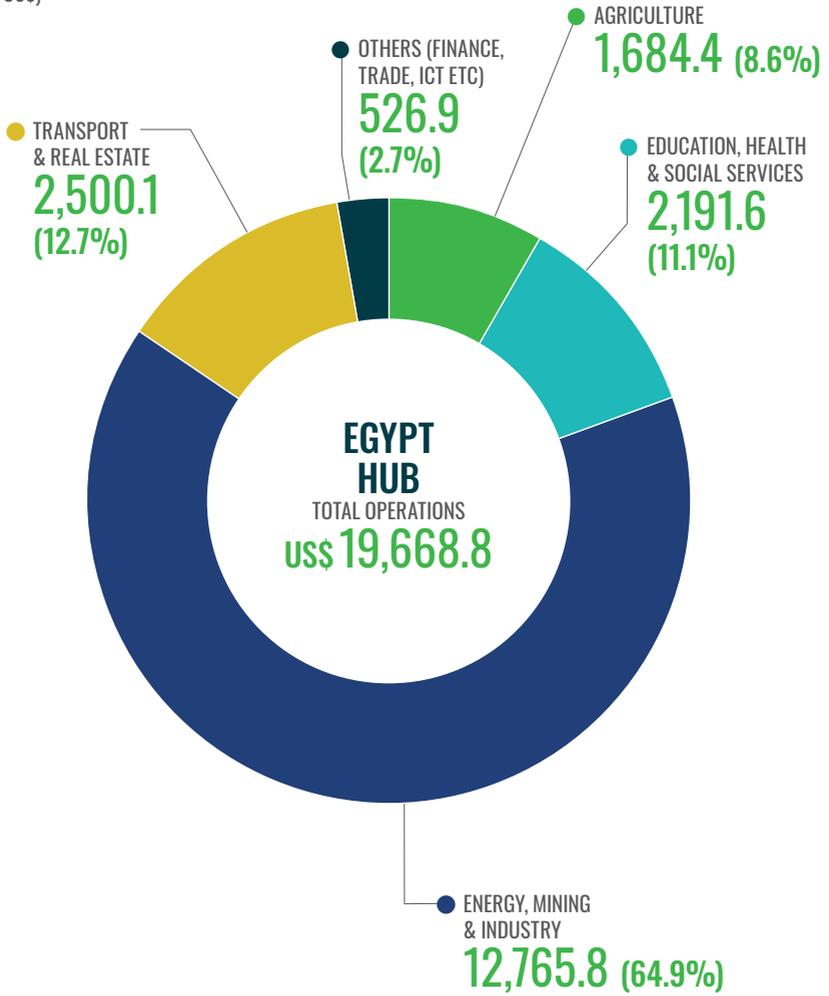
GDP PER CAPITA'
(CURRENT PRICES, US\$)

4,374



¹ Without Syria and Palestine.

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



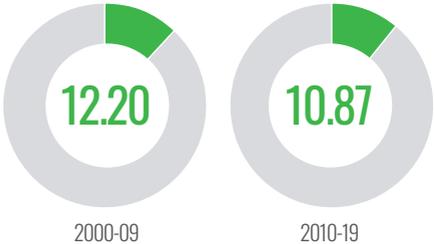
ECONOMIC RELEVANCE OF AGRICULTURE SECTOR

Agriculture is an important source of livelihood in the RH member countries. The sector accounts for about 12.2% of the region's overall GDP and provides employment for more than 20.14% of the active population.

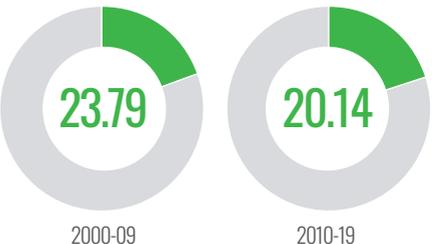
GDP (BILLION US\$)



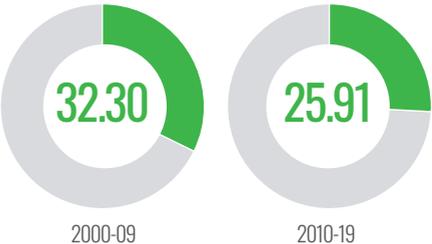
% AGRICULTURE TO GDP²



% OF AGRIC. EMPLOYMENT TO TOTAL EMPLOYMENT³



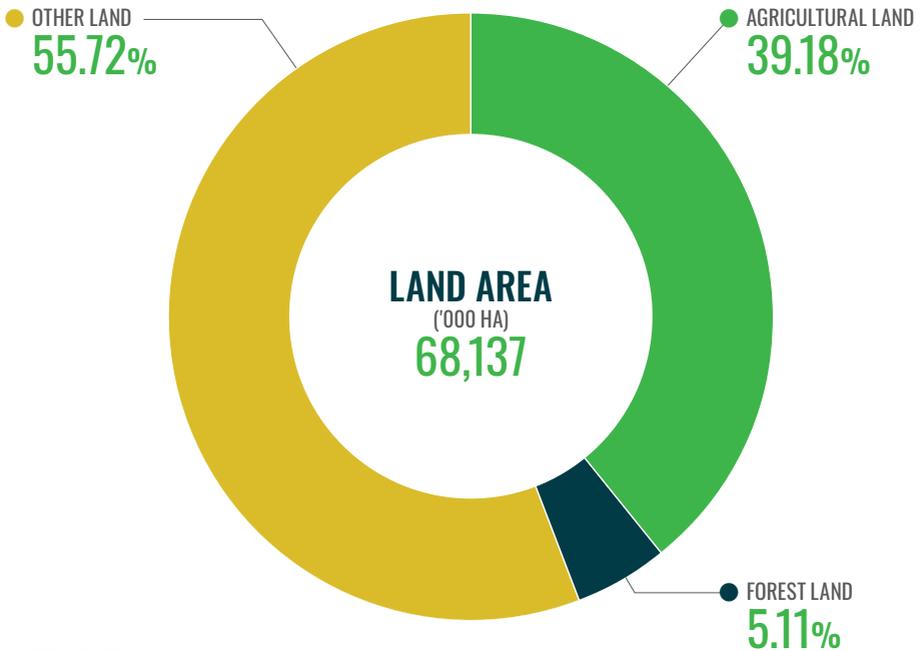
% OF FEMALE EMPLOYMENT IN AGRIC. TO FEMALE EMPLOYMENT⁴



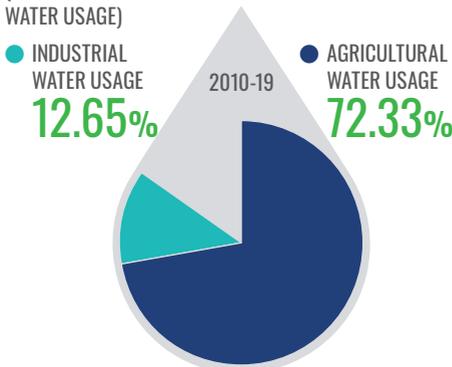
² Without Palestine and Syria.
³ Without Palestine.
⁴ Without Palestine.

AGRICULTURE AND LAND USE

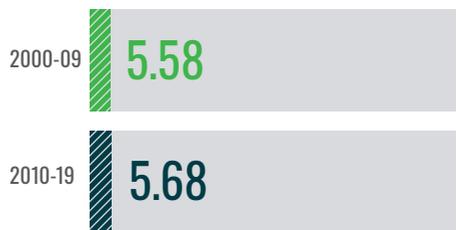
The agriculture land represents 39.6% of the region's total land area. The irrigation lands have witnessed slow expansion over the past two decades due to water scarcity of the region. The agriculture sector is noticeably the highest water consuming sector utilizing 66.36% of the available water resources compared to 15.74 % for the industrial use.



WATER USAGE⁵
(% OF TOTAL WATER USAGE)



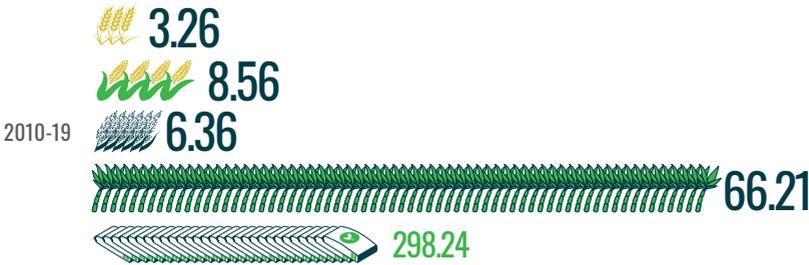
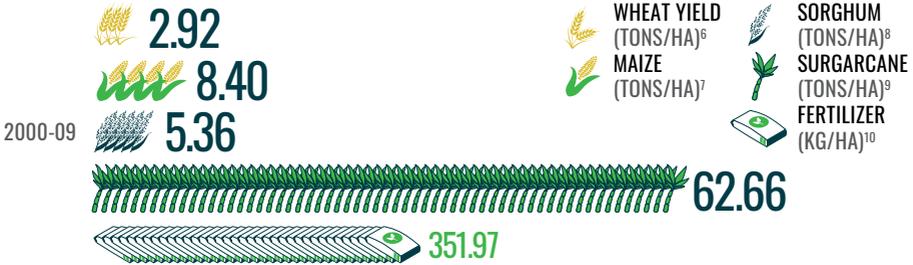
LAND AREA EQUIPPED FOR IRRIGATION
(%)



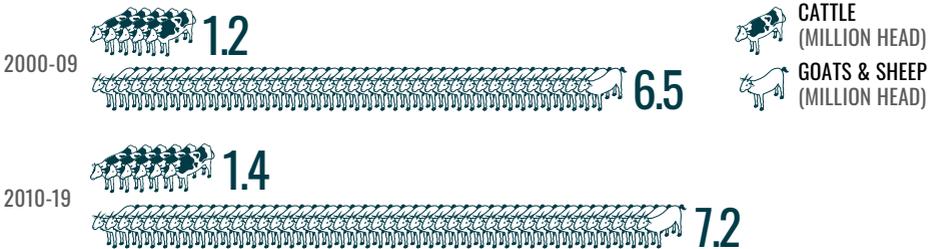
⁵ Without Palestine and Syria

FOOD SECURITY AND NUTRITION

The cereals and sugar cane productivity (tons/ha) have increased with a very low rate during the last twenty years. The aggregate of the global food security index has shown improvement over the last 10 years. This is also evident and substantiated by the noticeable decline in the Global Hunger Index and undernourishment indicators.



LIVESTOCK¹¹



⁶ Without Sudan.

⁷ Without Palestine and Sudan.

⁸ Without Sudan.

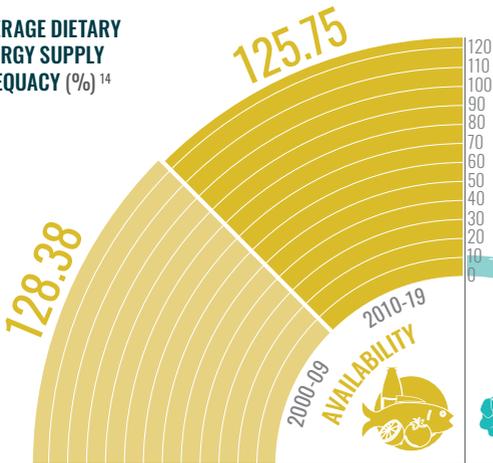
⁹ Without Jordan, Palestine and Sudan.

¹⁰ Without Palestine and Sudan.

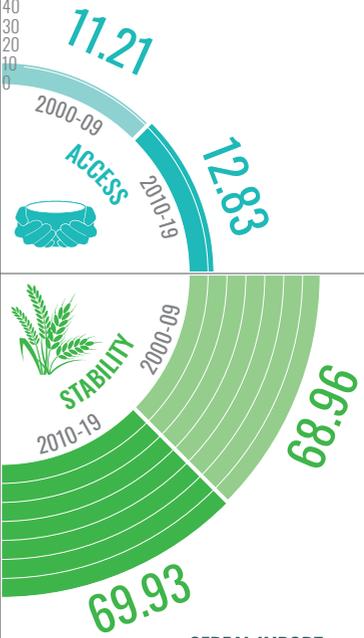
¹¹ Without Sudan.



AVERAGE DIETARY ENERGY SUPPLY ADEQUACY (%)¹⁴



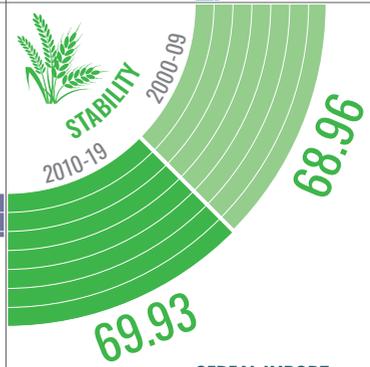
PREVALENCE OF UNDERNOURISHMENT (%)¹⁵



% STUNTING IN CHILDREN UNDER 5 YEARS¹⁶



CEREAL IMPORT DEPENDENCY RATIO (%)¹⁷



¹² Without Iraq, Lebanon and Palestine.
¹³ Without Sudan, Syria and Palestine.
¹⁴ Without Sudan.
¹⁵ Without Palestine, Sudan and Syria.
¹⁶ Without Sudan and Syria.
¹⁷ Without Lebanon and Syria.



MEMBER COUNTRIES
OF THE HUB DEPEND
PRIMARILY ON RAINFALL AS
THE MAIN WATER SOURCE
FOR AGRICULTURE



CLIMATE CHANGE

The member countries of the hub depend primarily on rainfall as the main water source for agriculture which rank the region as highly vulnerable to changes in rainfall amount and patterns. The region has witnessed increase in temperature by 0.58 C over the last twenty years.

CHANGES IN TEMPERATURE (DEGREES CELSIUS)¹⁸



EGYPT HUB



2000-09

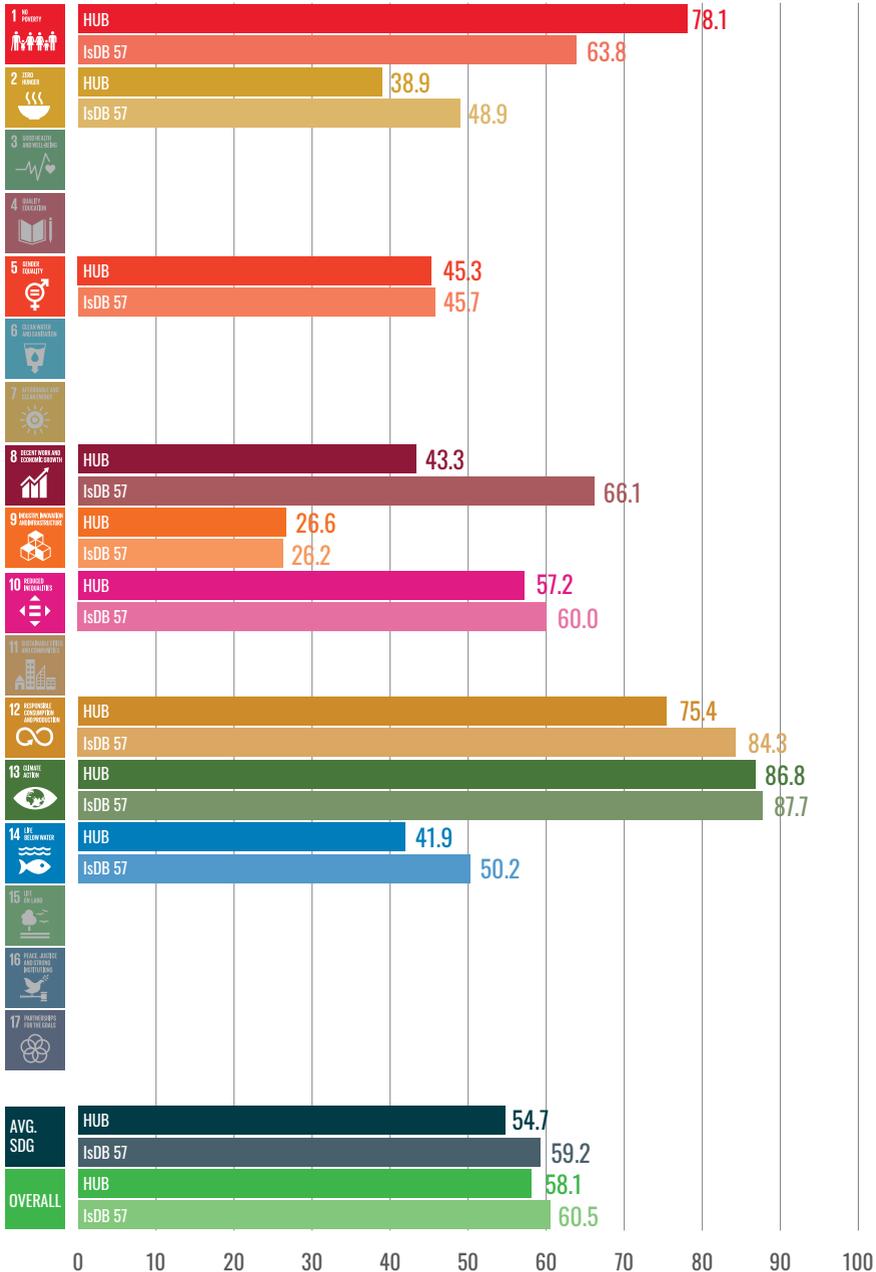


2010-19

¹⁸ Without Palestine, Sudan and Iraq.

PROGRESS TOWARDS THE SDGs

AGRICULTURE-RELATED SDG SCORES | EGYPT HUB vs IsDB 57





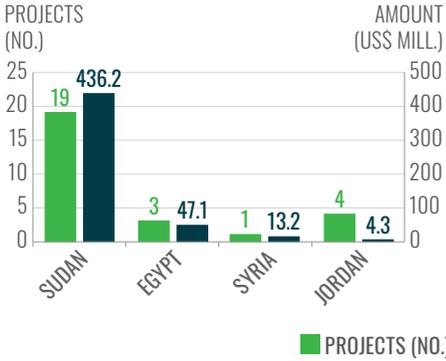
EGYPT HUB HAS
ACHIEVED THE HIGHEST
PROGRESS IN CLIMATE
ACTION (SDG 13) WITH
A SCORE OF
86.8%

IsDB FOOTPRINT IN THE REGION

IsDB AGRICULTURAL FINANCING | 1974-2019

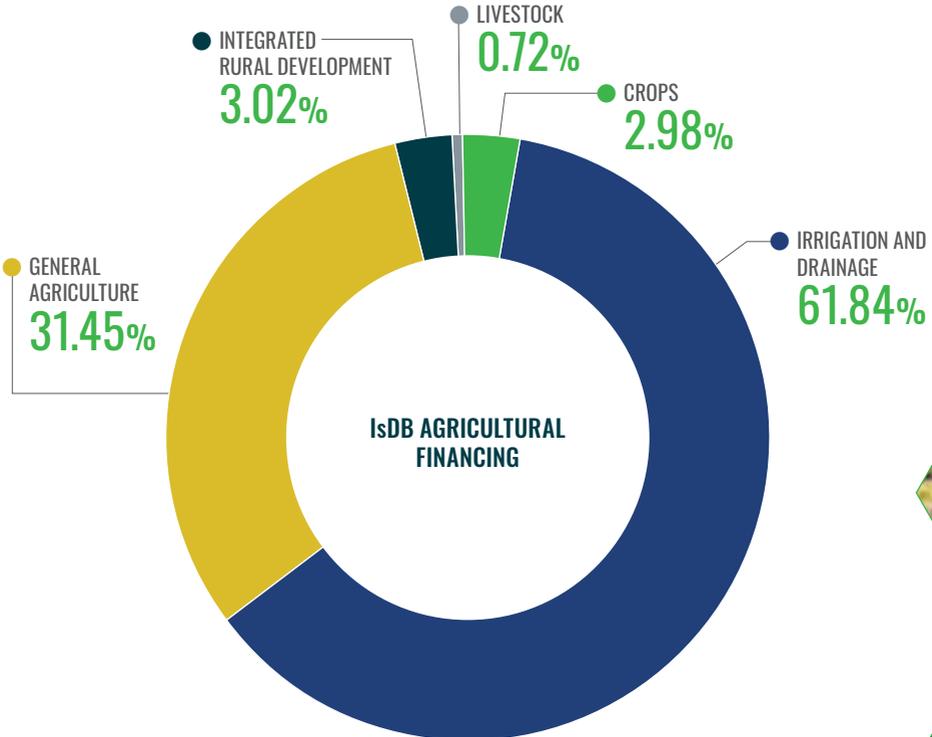
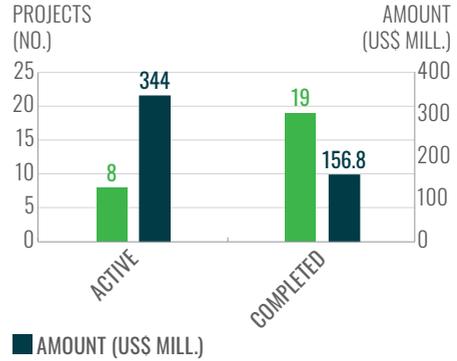
COUNTRY OPERATIONS

ACTIVE & COMPLETED (PROJECT NO AND US\$)



REGIONAL HUB OPERATIONS

ACTIVE & COMPLETED (PROJECT NO AND US\$)



IsDB ONGOING INVESTMENT & KEY EXPECTED OUTPUT IN EGYPT HUB



CROP LAND DEVELOPMENT (HA)

338,329

TOTAL PROJECT INVESTMENT:

US\$ 344.272M



CROP PRODUCTION (TONS)

426,474



WATER RESOURCES DEVELOPED FOR AGRIC. PURPOSE (MILLION M³)

9.860



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 plans to launch the Iraq and Jordan MCPS in 2022. The Bank is expected to support the region in the following thematic areas:



Increase crop and livestock production/productivity



Inclusive and competitive value chains with private sector participation



Building resiliency to climate change



Build human and institutional capacity



Improve access to remunerative markets

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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