



AQUACULTURE BUSINESS DEVELOPMENT PROGRAMME [ABDP]

Making Food Available and Affordable

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Utilizing aquaculture as a game changer in availability & affordability of foods in rural areas

Fish as a main source of animal protein (diversifying diets)

Women Empowerment

Youth Employment

Overcoming cultural barriers

The ABDP Story!
Fish for Health and Wealth



The Context of Kenya



We're located in a region that has a huge food availability & affordability deficit

Affordability of Healthy Diets (FAO, 2021) – 143 Countries

- ✓ Number of people unable to afford a healthy diet in 2019
- ✓ Number of people at risk of unaffordability of a healthy diet if incomes are reduced by one-third

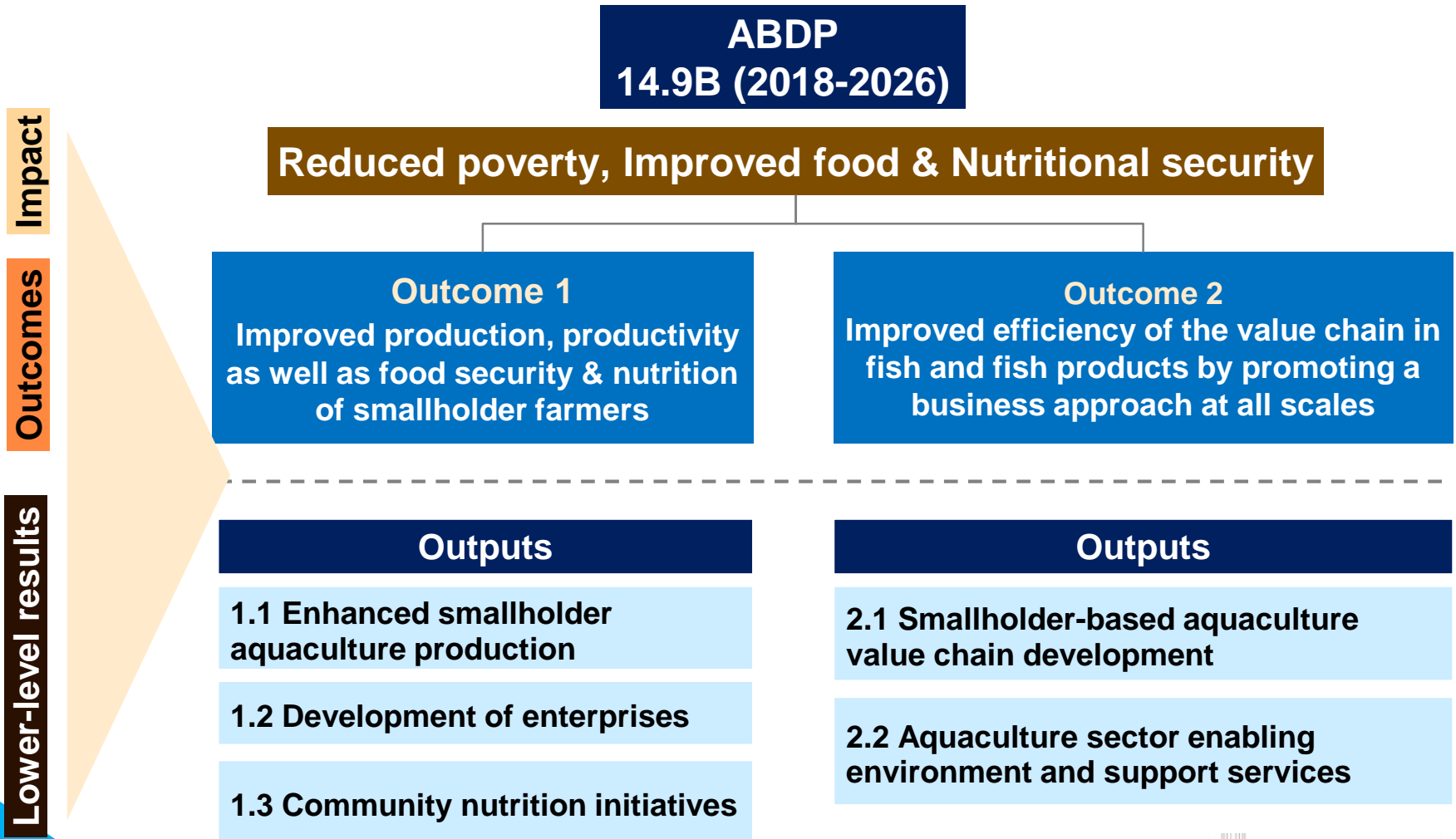
AREA	PERCENT	TOTAL NUMBER (MILLIONS)
WORLD	41.9	3 000.5
Central Asia	16.9	5.8
Eastern and South-eastern Asia	23.9	530
Europe	1.7	12
Latin America and the Caribbean	19.3	113
Northern Africa and Western Asia	45	178
Northern America	1.4	5.1
Oceania	1.8	0.5
Southern Asia	71.3	1 828.0
Sub-Saharan Africa	84.7	875

- ✓ Aquaculture is the **key source of fresh and nutritious fish**. New fish stocks
- ✓ Overcomes **land deficit challenges affecting mostly Youth and Women**





Making Food Available & Affordable is central to ABDP's overall results structure





Deliberate Interventions in the ‘whole-value chain’ to make food available and affordable in rural areas



1 Supported **23,400 Households (140,400 HH Members)** with environmentally friendly **UPVC Pond liners and Predator Control Nets** to address water seepage & predation hence improve production & productivity

2 **Nutrition Education** with diversified and balanced diets messaging

3 Supported **15 Sub-National Governments** to establish **Demostration Kitchen Gardens**

4 **Fruit Trees Planting in Community Dams / Small Water Bodies (SWBs).** Diversity of diets & micronutrients

5 Supported **stocking and restocking of 47 Community Dams** and SWBs with approx. **1 Million Fingerlings**

6 Supporting **60 Public Primary Schools with Production Units / Fishponds.** Diet diversity. Farming as Business at early age

Food Basket improved

60.5 Million Kgs of Fish added

7,020 Women HH (41,120) Empowered





Deliberate Interventions in the ‘whole-value chain’ to make food available and affordable in rural areas

Production

Aggregation

Trading & Processing

Consumption

...After Production,

Farmers are supported to expand their fish production base, earn better incomes, access financial services and linked to IAAs, Processors and other markets

Forward & Backward linkages in Aquaculture

7

Smallholder farmers are **linked to 22 Independent Aquaculture Aggregators** to bulk and market fish on their behalf

8

4 Mini-Fish Processing Factories supported to identify strategic investors in a PPPP fashion
Linkage to aquaculture farmers for value addition, better income & improved access to inputs

7

15 Public Fresh Fish Markets upgraded with solar lighting, solar powered cold storage

Prevents post harvest losses, improves sanitation and better incomes for smallholder traders; Youths and farmers

5,500 New Jobs
for Youths



On consumption

Sensitizations and awareness campaigns urges Kenyans to improve per-capita consumption

WHY IS IT GOOD TO EAT FISH?

FISH IS VERY NUTRITIOUS, IT HELPS BRAIN DEVELOPMENT IN BABIES AND REDUCES THE RISK OF PREMATURE BIRTH



FOR PREGNANT WOMEN

IT'S RICH IN MINERALS AND MANY OTHER NUTRIENTS THAT OUR KIDS NEED TO CONCENTRATE IN SCHOOL



FOR OUR KIDS



FOR THE ELDERLY

IT CONTAINS HEALTHY OILS (OMEGA 3) THAT REDUCE THE RISK OF HEART DISEASE, CANCER, DIABETES, JOINT AND BONE DISEASES THAT CAN OCCUR IN OLD AGE



FOR ALL

IT'S VERY RICH IN VITAMINS AND PROTEINS AND IT'S EASY TO DIGEST

A close-up photograph of a plate of food. The plate is divided into three main sections. At the top is a large, fluffy mound of white rice. To the right is a whole steamed fish, likely a sea bream, with a dark, charred skin and a vibrant red sauce drizzled over it. To the left is a pile of green leafy vegetables, possibly bok choy, which appear to be stir-fried or steamed. The text 'Thank you!!' is overlaid in a large, white, serif font across the middle of the image.

**Thank
you!!**