



الجمعية السعودية للاستزراع المائي  
SAUDI AQUACULTURE SOCIETY



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# Saudi Aquaculture Industry

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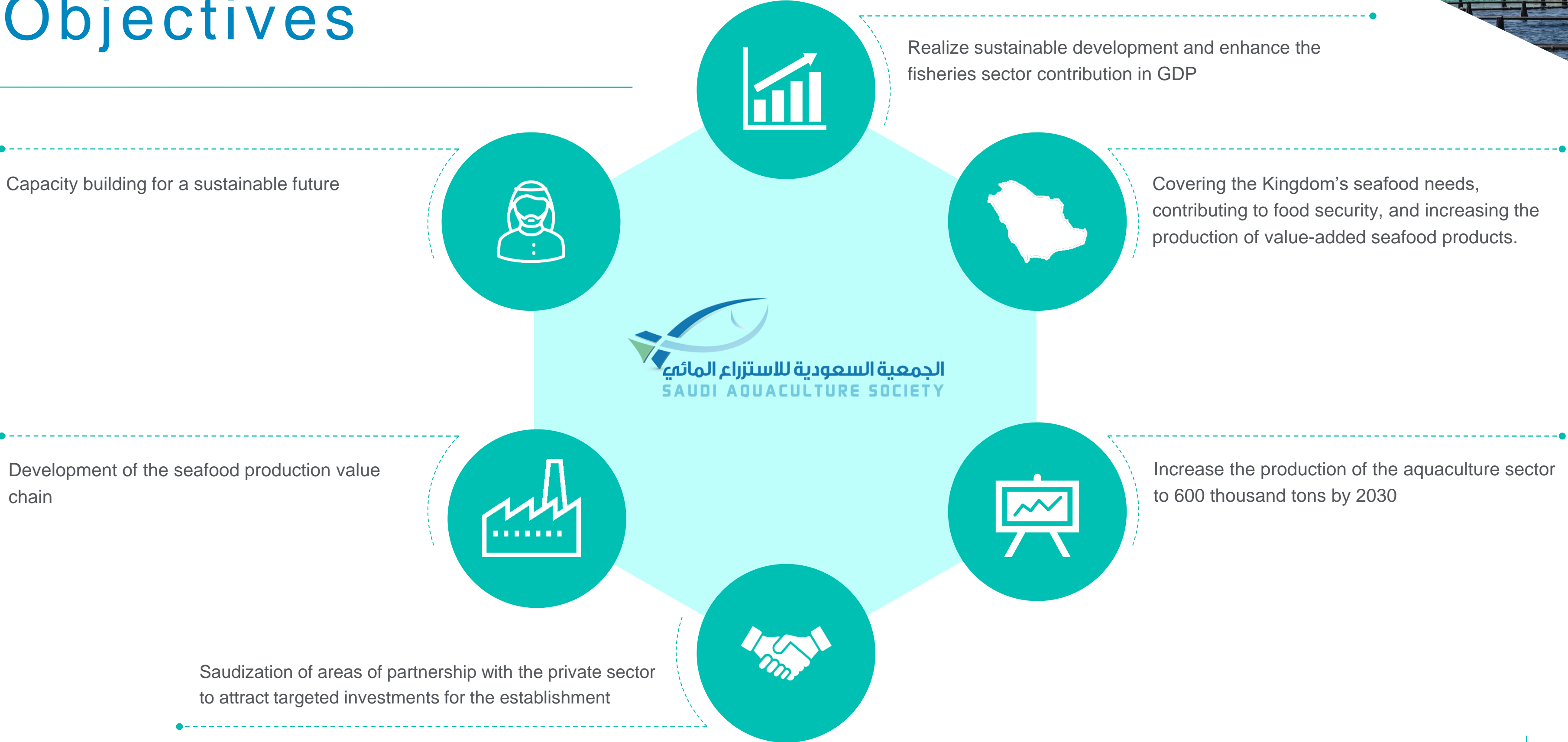
Vision 2030 and development of Non-Oil Industry

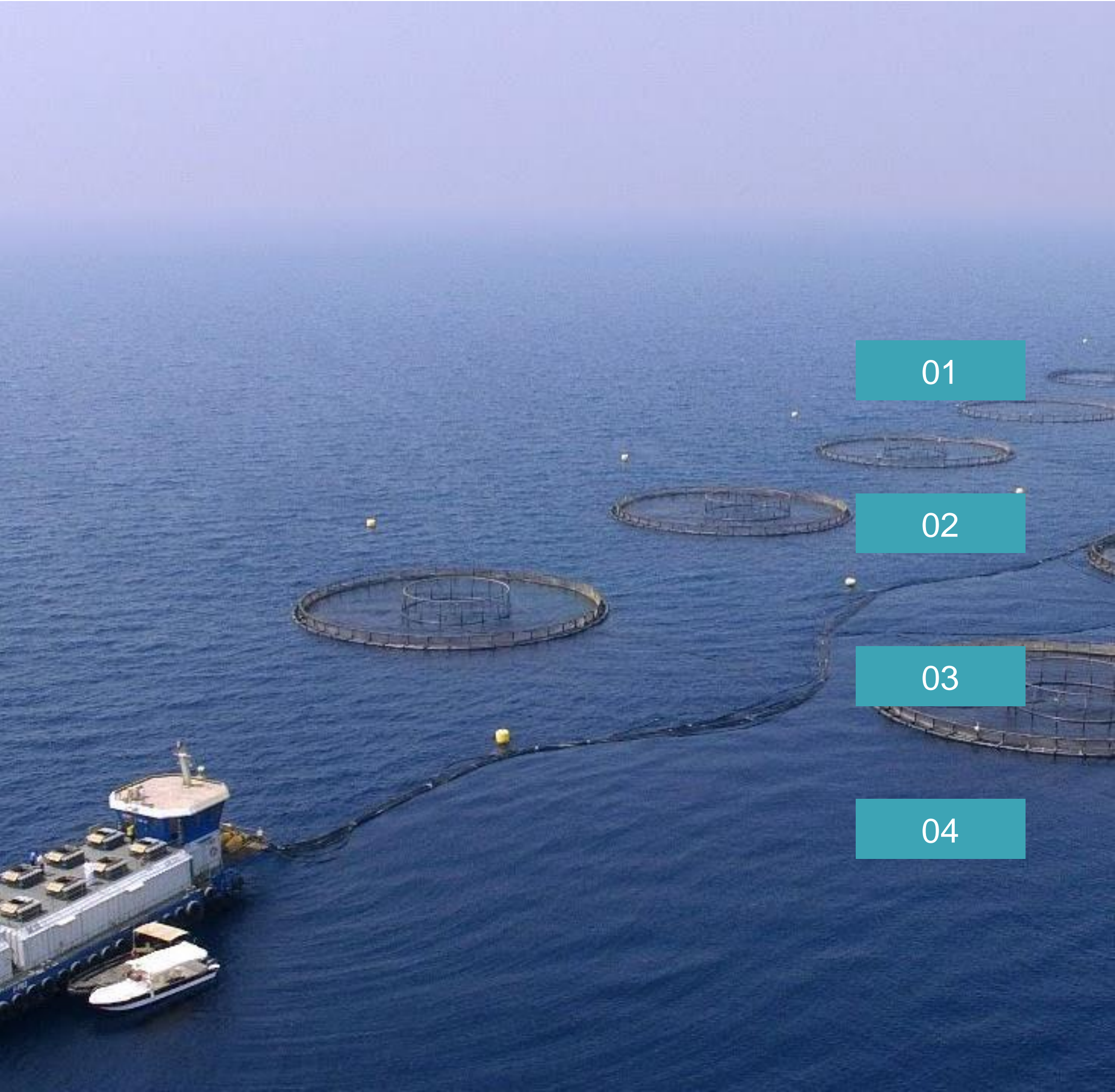


# VISION

The Saudi Aquaculture Society (SAS) of the Kingdom of Saudi Arabia, is a comprehensive national strategy aimed at enabling the Aquaculture sector to become sustainable and essential to the food security in the Kingdom of Saudi Arabia.

# Objectives





# Changing the Sector

The NFDP is working hard on changing the sector, reducing its red tape and streamlining bureaucratic procedures

01

## Effective Policies

Introduction of investor friendly policies

02

## Ease of operation

Revising strict overseeing rules

03

## Enabling operation

Providing assistance where possible to the projects

04

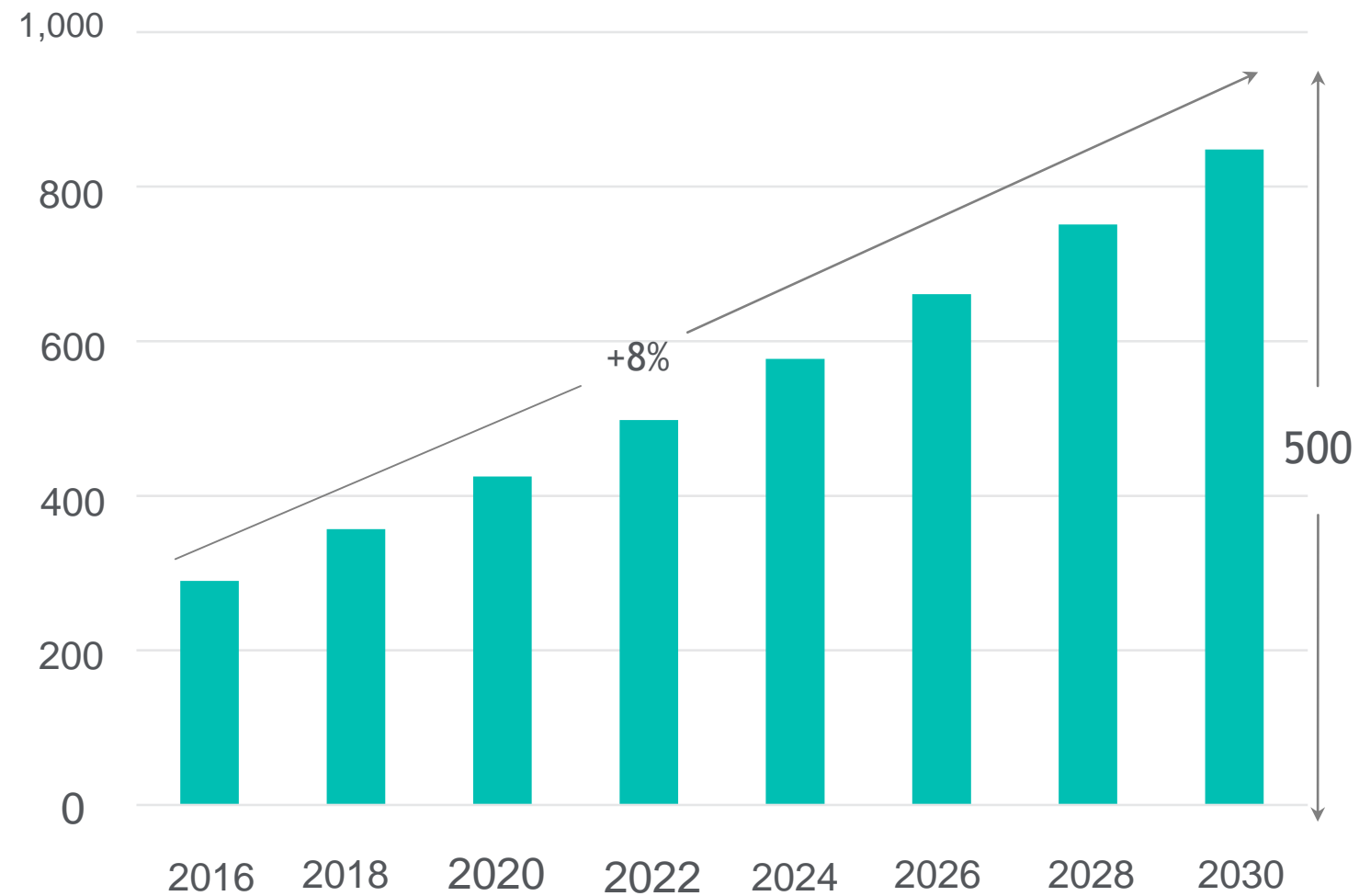
## Ensuring Biosecurity

Implementing strict Biosecurity programs

# Aquaculture in KSA

## A comprehensive plan for growth

KSA seafood consumption to grow at 8% per year until 2030...



...driven by increase in population and per capita seafood consumption



KSA population growing at a rate of 2% per year



KSA per capita seafood consumption to grow by 6% until 2030 to reach current global average of 20kg

# Red Sea – A Competitive Edge

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The Red Sea has favorable and diversified environmental and climatic conditions for Aquaculture



Long coastline  
~ 1,800 km



Suitable cage depth  
20 to 50 m



Pristine water and  
adequate DO  
7.04 mg/l



Low wave heights  
0.5 to 1 m

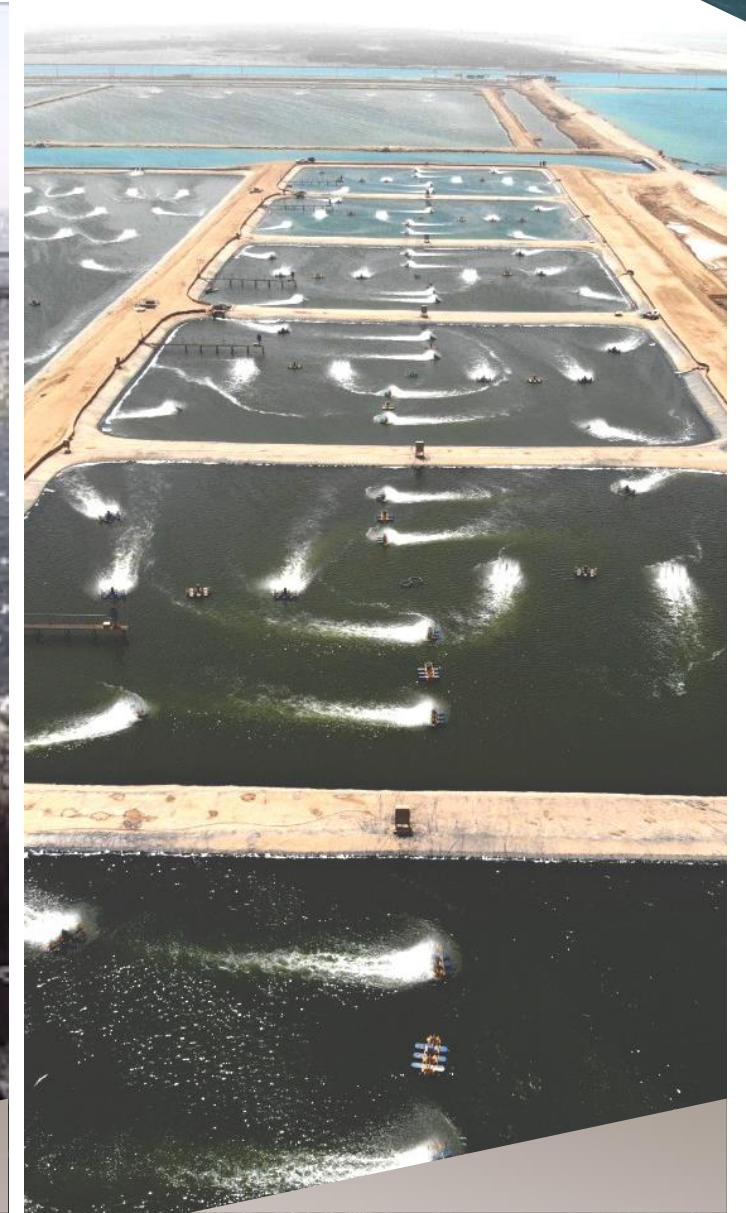
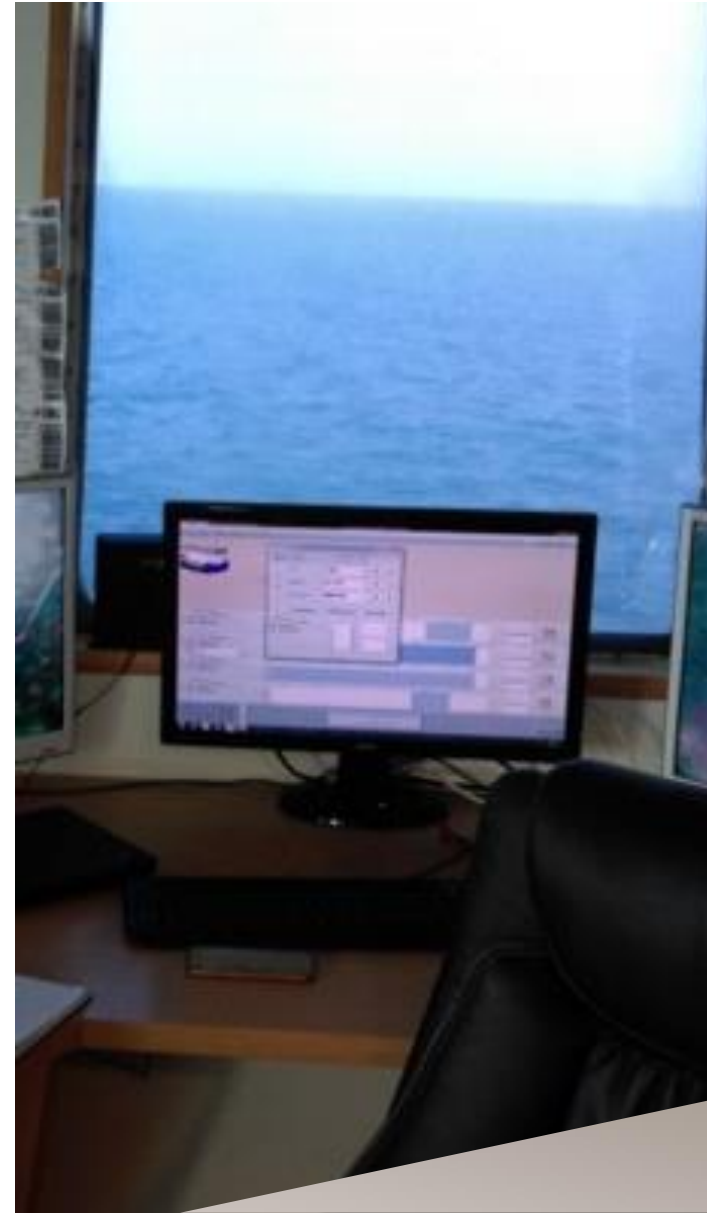


Adequate salinity  
35 to 41 PPT



Suitable water  
temperature  
18 to 30°C

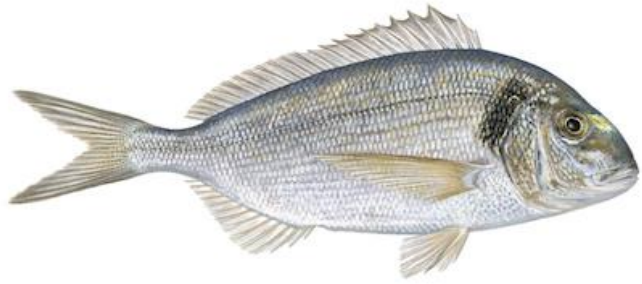
# Aquaculture in the Kingdom



<https://youtu.be/iiyDIfLUwdQ>



# Aquaculture Species



Mediterranean Sea bream  
*Sparus aurata*



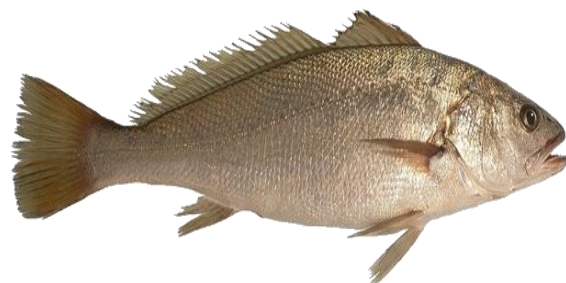
Tilapia  
*Oreochromis niloticus*



Red Sea White shrimp  
*Litopenaeus vannamei*



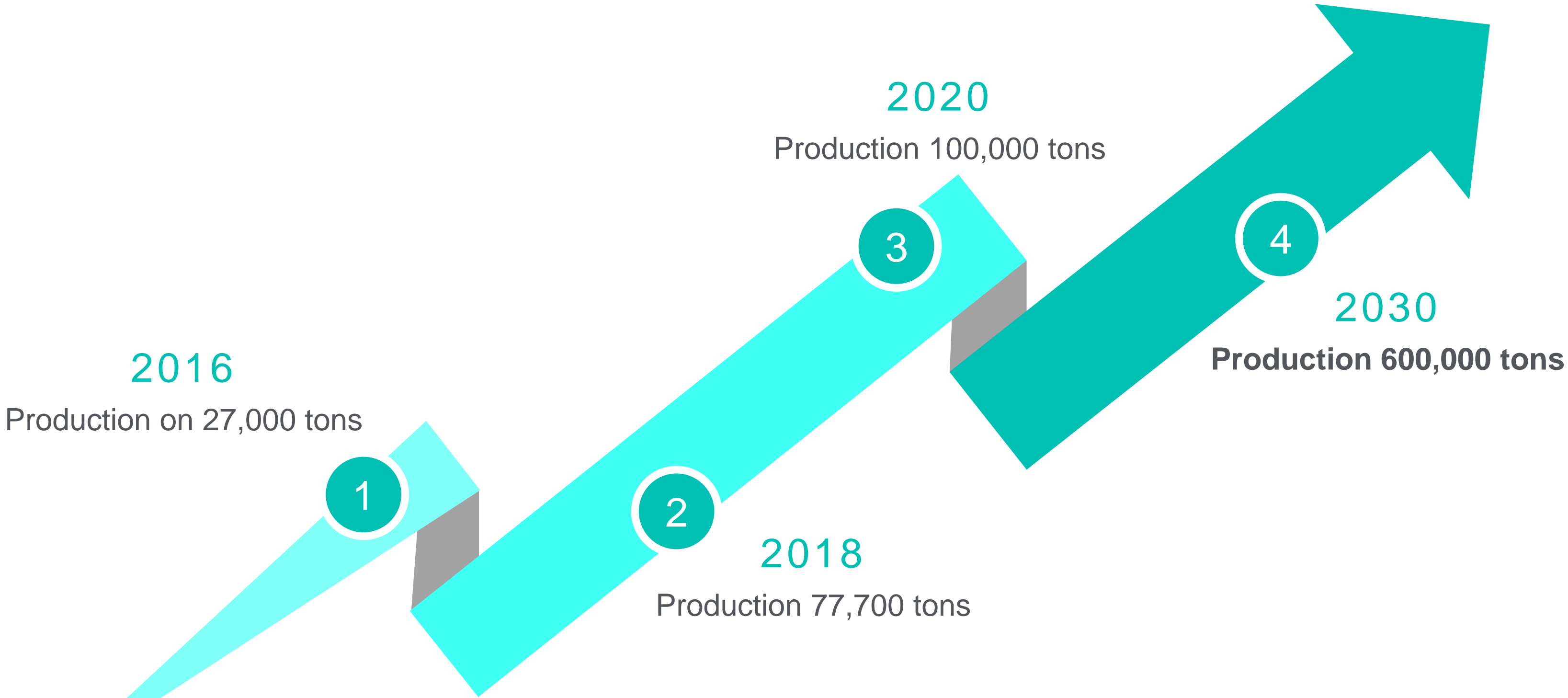
Red Sea Sea bass  
*Lates calcarifer*



Meagre  
*Argyrosomus regius*



# Aquaculture Production



**Targeted Production by 2030 is 600,000 tons**



# Safety & Quality Drivers



## Best Aquaculture Practices

The Kingdom is on track to become the first nation to be BAP certified in the world. Ensuring that the Best Aquaculture Practices are implemented across the board.

## Aquaculture Biosecurity

The Kingdom's aquaculture production is safeguarded with a very strict Biosecurity program, which is a global case study in its implementation.

## SAMAQ Certification

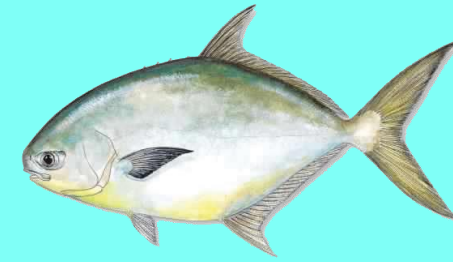
To Highlight and promote the local aquaculture production. MEWA with the local aquaculture society launch the SAMAQ certification Program. Based on strict auditing it guarantees the farm is following best aquaculture practices.



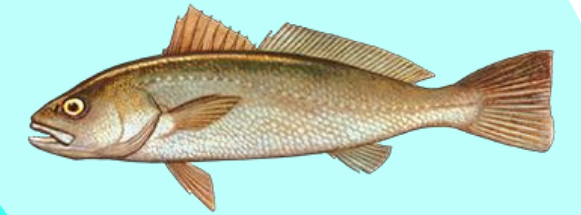
Silver Sea Bream



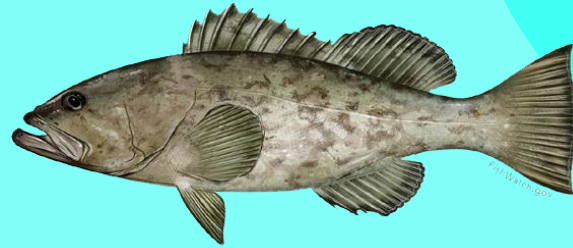
Snapper



Pampano



Meagre



Grouper



Amberjack



E. Sea bass

Research & Development is already underway through KAUST and Beacon Development company into increasing the FCR of existing species and developing best practices for domesticating 7 new species

رؤية VISION  
2030  
المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA

Vision 2030 and development of Non-Oil Industry