

Public / متاح



وزارة الاستثمار
Ministry of Investment

Agri-food investment opportunities

Fish hatcheries and genetics

Investment Opportunity: Fish hatcheries and genetics (1/2)



Opportunity Overview

Description

- Establishing a marine fish hatchery in KSA with a supporting R&D arm focused on fish genetics

Rationale

- Increasing number and production of aquaculture farms, increasing consumption of fish & seafood in KSA, high localization potential, R&D to develop desired fish traits suitable to KSA environmental conditions

Types

- This opportunity focuses on establishing a **near shore Recirculating Aquaculture System (RAS) fish hatchery** focusing on **2-3 species** (covering native and adaptable species), with a **supporting R&D arm** to improve fish genetics



Market attractiveness¹

Global market

+6% CAGR '21-'27 in aquaculture market



- Increasing aquaculture production requiring more fingerlings
- Diversification of farmed species

Governments and players' involvement



Active governments in the space



Multiple acquisitions of hatcheries & agreements in space

Investment trends

75+ Number of cumulative deals over '19-'22

+1.8B

USD investment in aquaculture space from '19-'22



Fit with KSA

Market size and growth

Consumption of seafood in tons by 2026

+5%

Market CAGR '21-'28

+2.3B

SAR market size in 2028

Alignment with country and strategy's objectives and ESG impact

~95% Net import of fish in KSA

430K ton

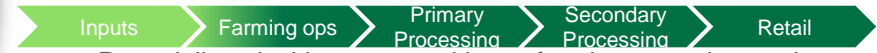
2030 targets for marine fish production

120%

2030 targets for fish sufficiency rates²

~1.4 B

Fingerlings required to reach 2030 production targets



- Potentially unlocking opportunities at farming operations, primary and secondary processing steps of value chain

KSA strengths

- Developing aquaculture sector calling for local highly-skilled hatcheries
- Growing government financing
- Strong quality standards and necessity for quality certification

Key success factors for the opportunity

Govt. support and supporting regulations



Available govt. incentives to attract investments

Availability of talent pool



Limited access to talent with well-rounded knowledge of the industry

Near-shore location and robust set up



Available lands with access to near shore locations

Increasing demand



Increasing number of aquaculture farms with preference for locally sourced fingerlings



وزارة الاستثمار
Ministry of Investment

1. Market attractiveness does not correspond purely to genetics and hatcheries but the entire aquaculture sector 2. SSR is related to fish production, with fish fingerlings acting as main raw material for grow-out and supporting export of fish

Investment Opportunity: Fish hatcheries and genetics (2/2)

Stakeholders' interaction and incentives

Key stakeholders



Investment

Type of investment

Potential plays include greenfield investments from a global/local player or JV/off-take agreement between a global and a local player

Players



Financial and socio-economic impact

Financial projections

Socio-economic impact

- Benchmarked 30+ peers
- Interviewed 3 experts

