# Spotted Wolffish

Premium seafood of Norway

Made by fry from Denvo Wolffish Norway

# envo Wolffish



### **Business plan**

**1. Tromsø –** 2020-2024

Small scale fry producer – POC

### **2.** Halsa- 2025 -

Specialized Fry production 1,5-3 Mill Capex: 85 MNOK

3. Tjeldsund –

Phase 2

### Upscale IPO







Denvos HQ is in Tønsberg. 1 hour from Oslo

Denvo Wolffish Norway has developed its business from research to commercial fry production in Tromsø at Akvaplan Nivas "FISK". The further development in FISK is in progress

The acquisition of "Halsa", Nordland is part of the businessplan of full valuechain production in Tjeldsund, Troms. "Halsa will give the company income from sales of fry with upscale from 1,5 to 3 Mill fry per year depending on biomass development without further large investments.

The site is fully licenced for 500 tons biomass

Tjeldsund represents the future of the company with full scale facility of food fish production of 6.000.000 fry and 5000 tons and with opportunity of upscaling to 20.000 tons biomass



Tønsberg

Halsa



# Tromsø - From research to fry-producer

In close collaboration with Akvaplan Niva, Denvo further developed from broodstock farming to full-fledged fry production.

Akvaplan Niva's new experimental and innovation station, FISK, The facility has been developed for full-scale fry production and experimental experiments.

Main goal: Bring Denvo to a unique position the sale of fry and further development of large-scale food fish production.

The collaboration ensured the company state-of-the-art hatchery and fry facilities, access to world-class research and proximity to high expertise.

# Status fry production

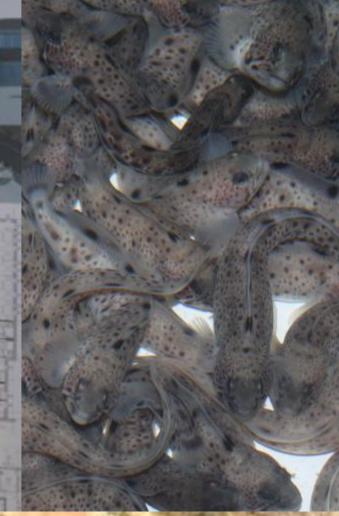
Since its inception, Denvo Wolffish Norway AS has worked up a biomass consisting of broodstock caught from 2007 until today (6-22 kg).

The main goal in Tromsø has been to proven results in the valuechain from broodstock hold and use of technology.

The results shows enhanced production by survivalrate from the early stages of row til logistic solutions for fry deliverty in addition to growth and survival of in the early grow out stages.









## Business plan – Upscaling Halsa – Focus on fish fry

- The main artery of the spotted wolffish farming industry

**2.** Halsa- 2025 -

Specialized Fry production 1,5-3 Mill Capex: 85 MNOK





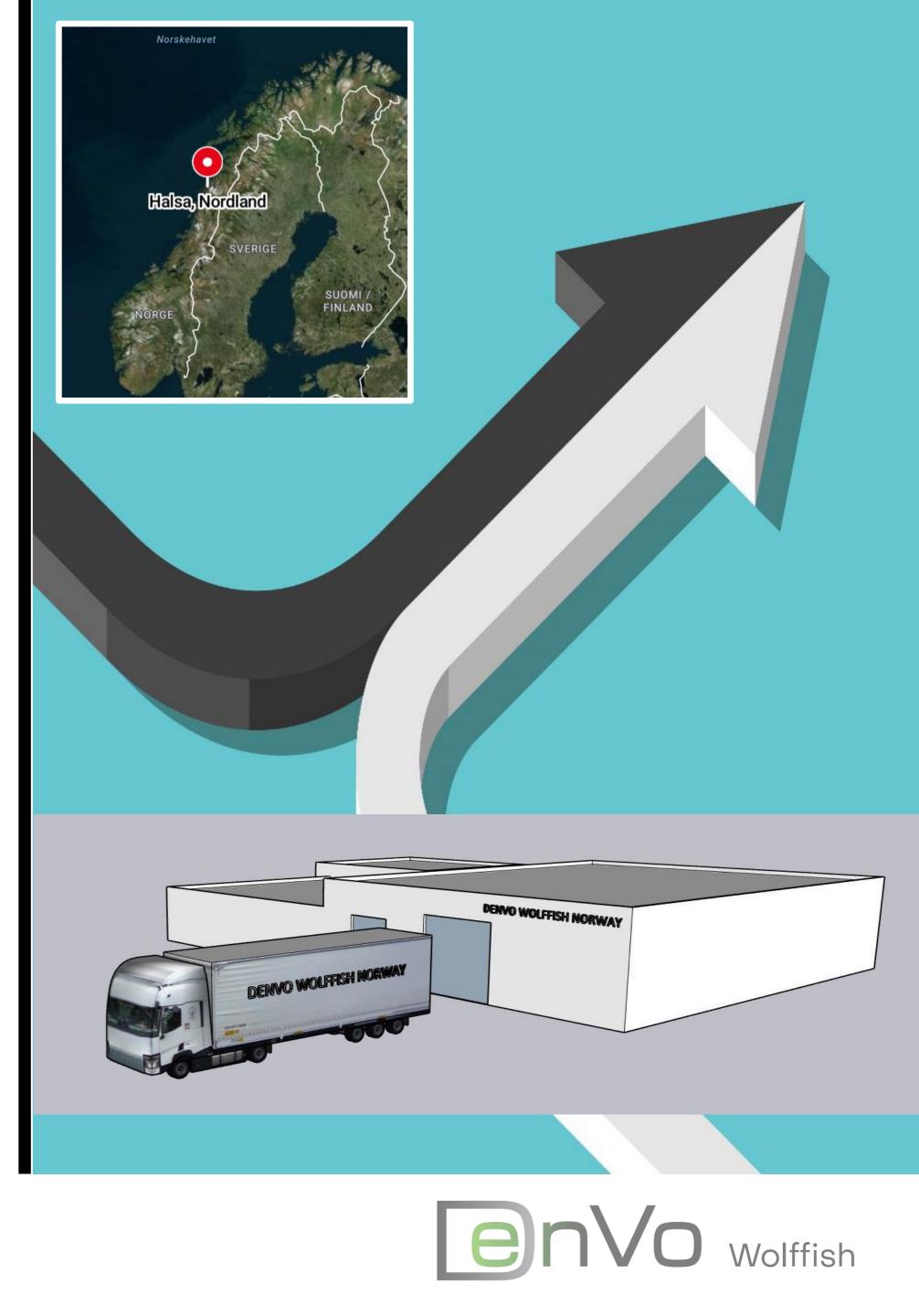
# Q1 – Q2 2025 - Strategic acquisition - Halsa

As a strategic part of the company development, DWN will make an acqusition from the owner of an existing wolffish facility including the property (Æsvika eiendom as) in Halsa, Nordland.

This is an important step for the company and also for former owner of Halsa who is given the opportunity to focus on the foodfish development at its facility at Lovund while DWN ensures the acces to quality fry

DWN will in Q1 and Q2 2025 rebuild the facility from a small scale full valuechain facility into a specialized hatchery- and fry facility focusing on deliverance of fry to 3 different customers including former owner. The production will play an important role in DWNs further development as it gives a quick start in the Tjeldsund facility.

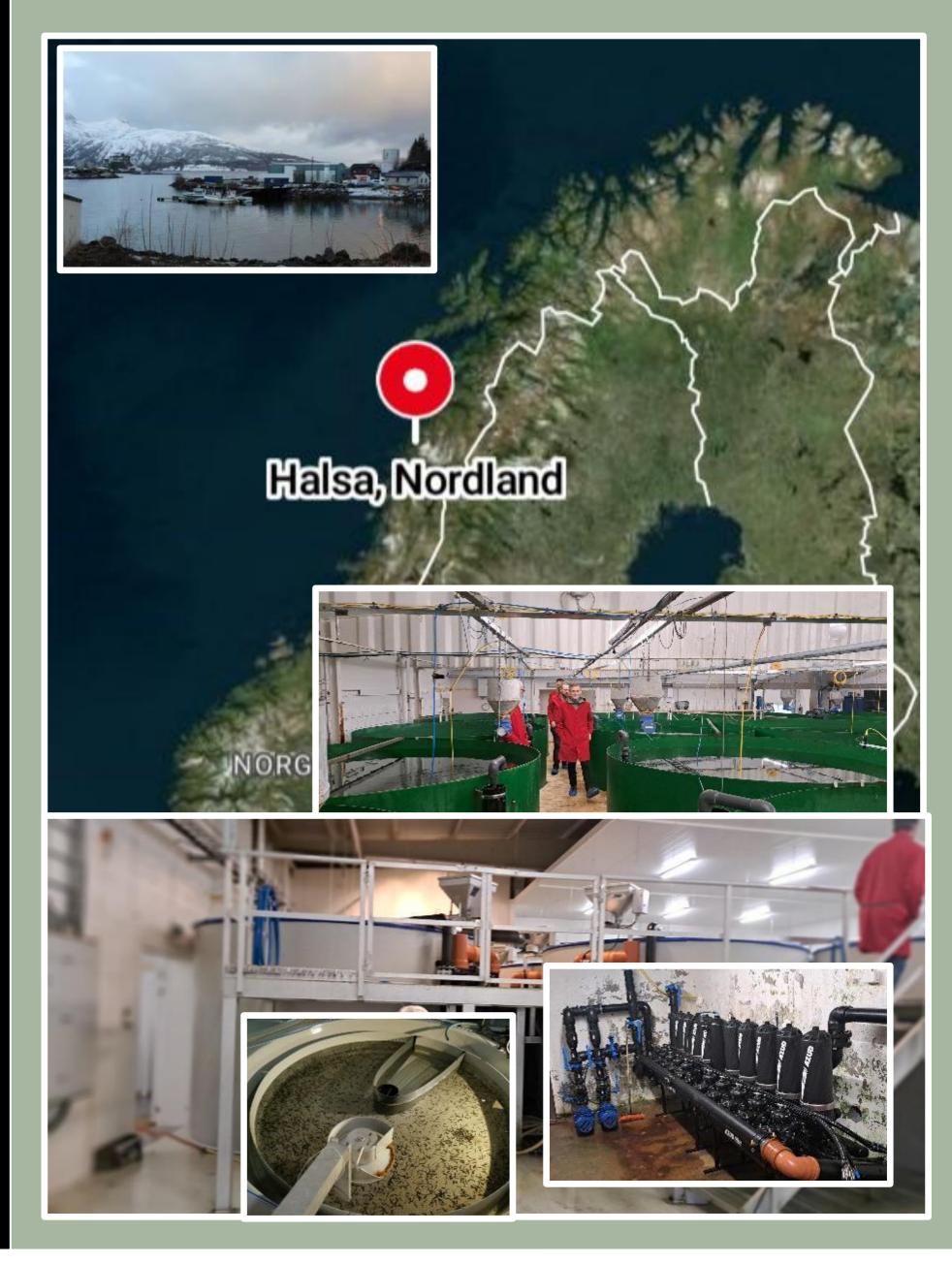
Broodstock of spotted wolffish has been kept at Halsa since 2018. The acqusition is a further development of Cooperation with former owner, Aminor.



# Halsa – Q1 2025 - World leading fry producer

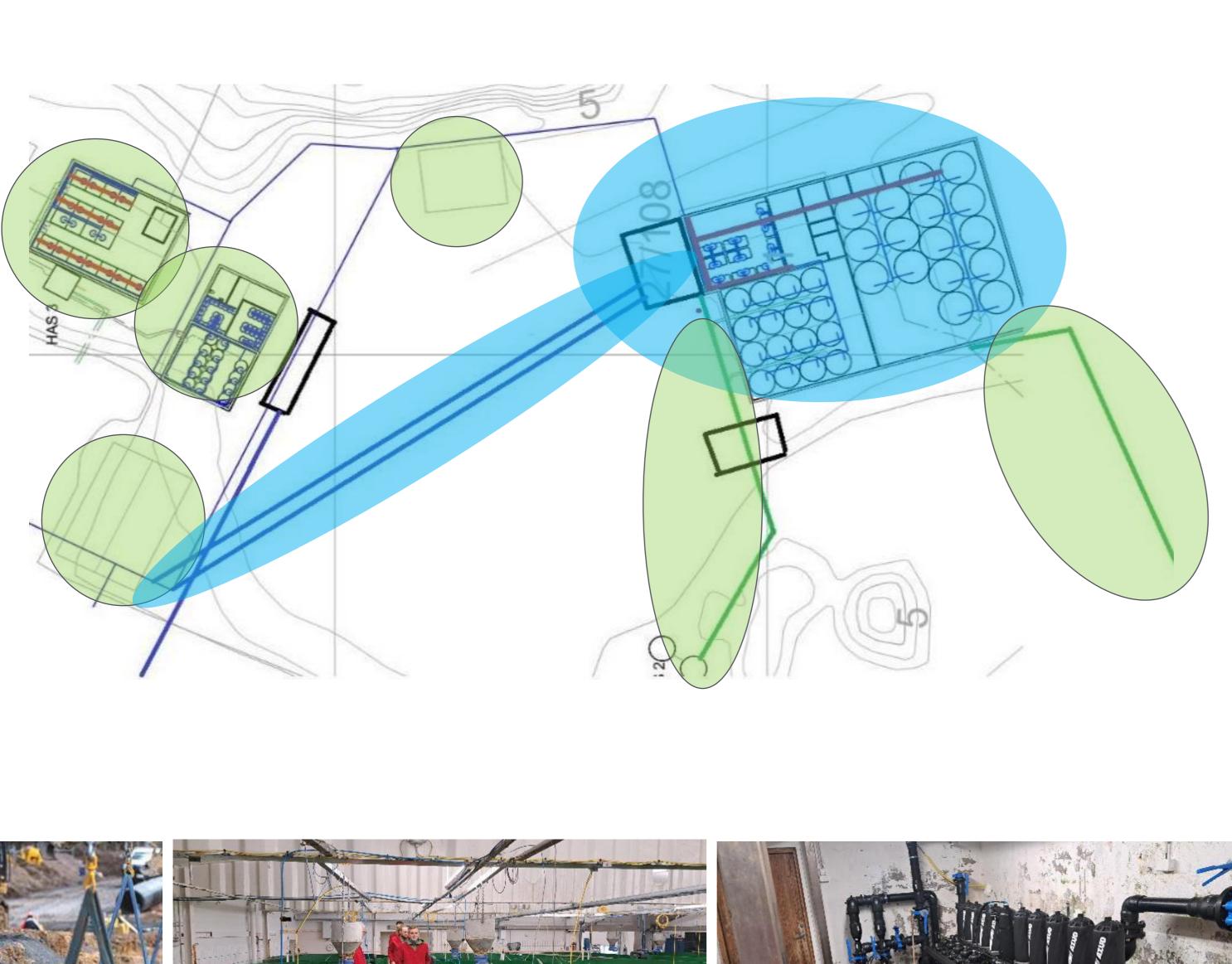
- Existing wolffish facility to be spezialiced in fry production. 1. Takeover licence from extisting customer with further copperation and fry deliverances
- 2. Farming licence for 500 tons. Emission license 100 tons
- **Reliable flowthrough system** 3.
- **Cold water from a depth of 64 meters** 4.
- Cooling system and new purification system, UW ++ 5.
- **Broodstock: 1.349** 6.
- 7. Hatchery, Fry production 1,5 Mill. Scalable to 3 mill +
- **Proven conzept: Contracts signed for fry deliverance in 2023-24** 8.

This is a strategic important investment not only for Denvo Wolffish Norway AS, but also for the Norwegian farming industry by ensuring the quality and quantity of fry for existing and new fish farmers.





Halsa Capex - Ensuring water quality and fish growth





- Property buyout MNOK 5,8 (existing Opt)
  - New water supply 2 X 350 mm for the "Great Hall"
- Technical room for water purification incl nitrogen lifter/separator, UW purification, Fine Filter Hatchery, Drum filters
- Ventilation

- Cooling system for Roe
- Cooling rig w/combi battery
- Structural demolition/Replacements
  - Hatchery tanks
- Start feed tanks 0-5 gram. 1X1m 200mm
  - **Broodstock tanks**
  - Hatchery 2nd floor

Est MNOK 67





9

Property: Option buyout 5,8 MNOK. Opt rent 700.000 NOK py

Budget price VVS tech and cooling for hatchery, broodstock and fry production – HALSA

	Capex Halsa 2025 NOK
	Rigging/operation,
	Sanitary facility -im Filter UV systems
	Piping for sewage
- 12	Fire extinguishing s Compressed air sy
	Ventilation Office/A
- 1-	Dehumidification/ve Dehumidification/ve
	Seawater Cooling
ŀ	Automation and SE Service agreement
H	Broodstock - 35 tu
F	Juveniles - 200 tub Starter lining – 5g 3
Ŀ	Structural installation Property buyout
	Buffer included in r
	Total investment
	Bying Broodstock/j

Bying Broodstock/ Operating Capital Total issue capital

Buffer Operating c Total issue Capital

25			
	Price exvat	Vat	Price inc
i, engineering/project management/board/lodging	4 500 000	1 125 000	5 62
mprovment	1 350 000	337 500	168
s 12,000 l/m	4 500 000	1 125 000	5 62
e and water for production.	3 500 000	250 000	3 7 5
system	250 000	62 500	31
systems	450 000	112 500	56
/Administration/Canteen	150 000	37 500	18
ventilation Fry	3 100 000	775 000	3 87
/entilation Hatchery/starter feeding	1 600 000	400 000	2 0 0
a Rig	23 000 000	5 750 000	28 7 5
SD facility	650 000	162 500	81
n t5 years in cl. filter (in de xed ann ually)	760 000	190 000	95
tubs 3x3 m	875 000	218 750	1 0 9
ıbs 2x2 m	1 900 000	475 000	2 37
g 300 tubs 1x1 m	1 230 000	307 500	1 5 3
tions	1 800 000	450 000	2 2 5
	5 800 000	-	5 80
numbers over (10%)			
t	55 415 000	11 778 750	67 19
√juveniles 2025			5 62
12025			7 000
ıl			79 818
cost 2025/26			5 00
al			84 818



# Denvo Wolffish Norway AS

Industry	Land based cold water fish farming
Subsidiary AS	Denvo Property. 100% owned by DWN
Strategy	Whole valuechain of Spotted Wolffish
Short-term goal	1.500.000 Fry production per year «Halsa project»
Main goal	20.000.000 tons foodfish production 6.000.000 Fry production per year «Tjeldsund project» with upscale
Founded by	Frode J. Dvergsdal, CEO Fredrik Haadem, CFO 2021 Extended company from Denvo AS
Contact	post@denvo.no
Webpage	<u>www.denvo.no</u>



### PROCESSES 2020 - 2023

Processes	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Acquiring expertise														
Species assessment: Spotted wolffish in breeding														
Market research														
Disease analysis														
Risk analyses														
Stem fish 5 pieces														
Cooperation with Akvaplan Niva														
Cooperation with Artec Aqua														
Cooperation Veidekke														
Production plan spotted wolffish														
Area calculation and species conditions														
Electricity calculation														
Test of quality parameters Water														
Location analyses														
Financial analysis - Spotted wolffish														
Agreement 34 fishing boats Mehamn- stemfishing														
Quality Board -														
Startup Denvo AS														
Stemfishing 150 - 200 stemfish per year														
Area regulations														
Breeding program									1	1		1		
Technology - Raceways														
Technology - Cleaning systems														
Production fry, Akvaplan Niva														
Analysis of fish welfare														
Roe inserts 1														
Vaccination program breeding fish														
Budgets Capex														
Budgets Opex														
Agreement Sift Group														
Startup Denvo Wolffish Norway AS														
Private initiative - Area plan Porsanger														
Option agreement land area - FeFo														
Licence stemfish/fry - Akvaplan Niva														
Issue start Q4 NOK 50 Mill														
Power line process 70 MW														
Lease agreement for fry production Akvaplan Niva														





### PROCESSES 2023 - 2033

Processes	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Pilot - Raceways - Testing												
Roe inserts 2												
Fry production												
Startup Norwegian Seafood Council												
Consequence investigation												
License application 5,000 tonnes												
Market research 2												
Groundwork												
License application 15,000 tonnes												
Construction stage 1												
Production start Tovik, Tjeldsund												
Transferring fish from Kvaløya												
Issue construction stage 1												
Sale of foodfish												
Stock market listing - construction stage 2												
Generatoin 2 Stemfish 500 fish per year												
License application 40,000 tonnes												
Production 40,000 tonnes												

