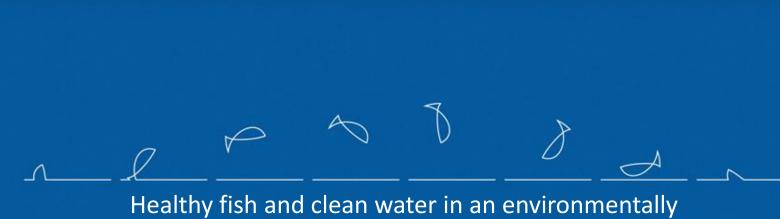
STRICTLY CONFIDENTIAL



PRESENTATION





Healthy fish and clean water in an environmentally sustainable production

# **INTRODUCTION**





### **VISION**

- ① Atlantic Sapphire<sup>™</sup> shall be the leading company in developing the next generation of salmon production in the U.S.
- ② Strongly committed to develop and utilize the best technology and knowledge to push the salmon industry in a more sustainable direction.
- 3 Sustainability remains the core value in all activities.

## **OVERVIEW ATLANTIC SAPPHIRE**

- ✓ Develop a large scale, sustainable landbased aquaculture farm to produce Atlantic salmon.
- ✓ Based on RAS (re-circulating) technology in the U.S.
- ✓ RAS technology has been proven for 20-25 years and today, more than 100 farms worldwide use RAS to grow different species.
- Largest owner in Danish company Langsand Laks AS, which is the first commercial Atlantic salmon facility based on recirculating technology in the world.



Illustration of our RAS concept



## ATLANTIC SAPPHIRE™ — THE TEAM

### **MANAGEMENT TEAM**



#### THUE HOLM - CEO

•Former Project Coordinator at Billund Aquaculture (2004-2011).



#### Charles Garcia - CFO

•Consultant in foreign company startups in the U.S.



### GEIR INGE RØDSETH – Financial Analyst

•Former CFO of Villa Organic (2006-2009)



Deborah Seaton – Permitting and Marketing

•Founder of Seamarket

### **BOARD OF DIRECTORS**



#### JOHAN E ANDREASSEN – CHAIRMAN

Founder and former CEO of Villa Organic (1998-2009)



### BJØRN-VEGARD LØVIK

Founder and former COO of Villa Organic (1998-2009)

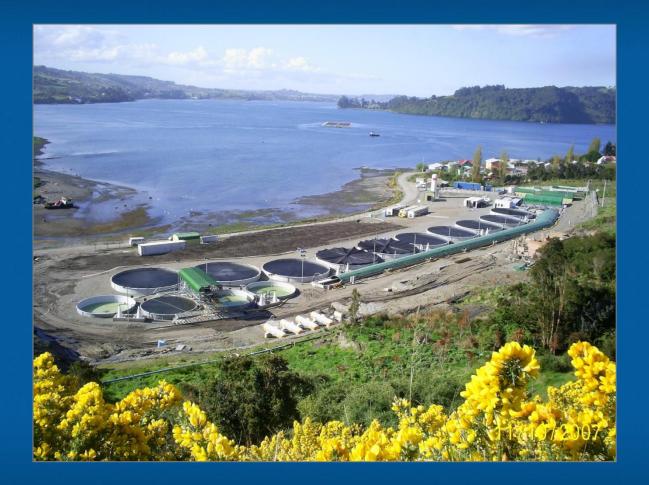




# ATLANTIC SALMON – 20 MILLION FISH/YR. ~ 3.500 T./ YR.







ATLANTIC & SAPPHIRE

# 32 M<sup>2</sup> UNDER ROOF



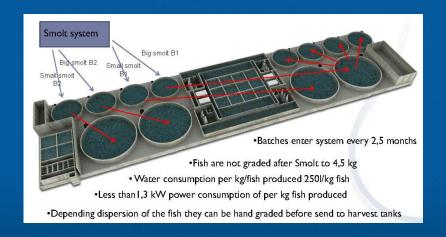




### EUROPEAN ARM – LANGSAND LAKS

- Full scale RAS/landbased salmon farm in Denmark.
- First hatch July 2011 First harvest Q2 2013
- Annual production 1,000 MT Production can be increased to 4,000 MT on site.
- Experienced management.
- Atlantic Sapphire<sup>™</sup> has option agreements with other shareholders – can achieve majority of shares.
- Will provide valuable experience for the U.S. project.

	Shareholders:	
4	Atlantic Sapphire	25 %
	Steensgaard Holding	20 %
	Polar Salmon	20 %
	Langsand Dambrug	20 %
4	Aquapri	15 %





# EUROPEAN ARM – LANGSAND LAKS





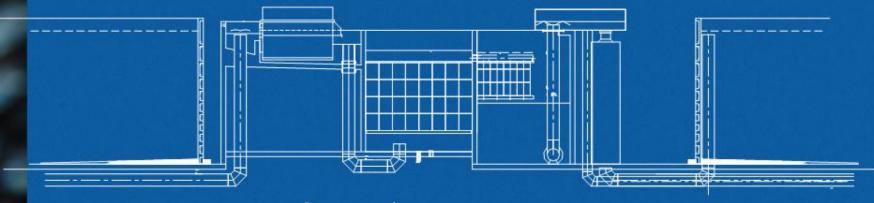


# EUROPEAN ARM – LANGSAND LAKS





# Design-LANGSAND LAKS



Flow: 7.125 m<sup>3</sup>/h Volume: 5.720 m<sup>3</sup>/h Power to main pumps:

120 kw equals 0,97 kw/kg produced

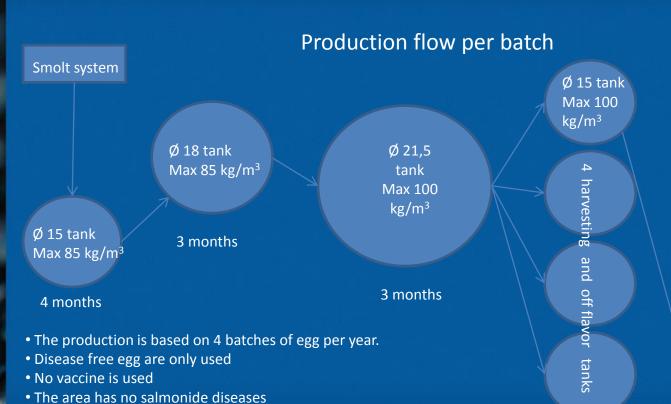
Power to rest of normal system:

30 kw 0,25 kW/kg produced

Power cooling, denitrification wells, ventilation, light and others : 110 kW 0,89 kw per kg produced.



# PRODUCTION FIGURES



• From Hatch to harvest 21 to 22 months

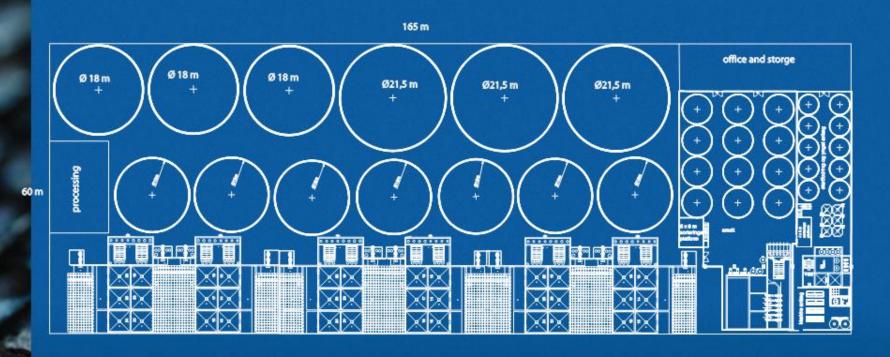
Month	VI (g)	Vf (g)
1	210	350
2	350	525
3	525	750
4	750	1.050
5	1.050	1.455
6	1.455	2.025
7	2.025	2.700
8	2.700	3.570
9	3.570	4.530
10	4.530	5.250

Harvest every day from off flavored fish

1 week to 4 weeks (off flavoring takes one week with out feeding)



# LAY OUT OF THE FARM





### ATLANTIC SAPPHIRE™ TIMELINE

#### 2011-2013

Grow the first generations of harvest in Denmark.

Achieve empirical data on performance.

Start sales of Danish fish in the U.S. under Atlantic Sapphire brand.



2010 - 2011

Site selection

Build management team

Define production Methods

Financing of initial plant pre-project



### PHASE II:

2012-2013

Get permits

Achieve empirical data on performance from Denmark

Access incentives and approve financing for 2,500 ton/yr.



### PHASE III:

End of 2013

Construction phase

Build the farm

Start of 2500 MT

production



### PHASE IV:

2015

First fish to market
Optimization of the
concept

Start branding as an American product





## Now: PHASE II – 2012-2013

- Sign agreements on options on land.
- Pre-financial projections of the farm in VA.
- Complete all permitting required and receive approvals to proceed.
- Optimize RAS design by learning off of the Langsand Laks project.
- Hire environmental engineer in VA.
- Pre-sell salmon from Langsand Laks in U.S. and continue sales with product from Atlantic Sapphire™ in 2015.
- Completion of final budget.





# WHAT'S NEXT? RAS SYSTEMS COMING ONLINE

Neosalmon – Chile - 5000 ton/y

China – 1000 ton

Danish salmon – Denmark – 2000 ton/y