

# AGD AND ISA — INCREASED RISK OR IMPROVED CONTROL ON THE FAROE ISLANDS

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# BAKKAFROST

## SUMMARY OF Q4 2013

- FINANCIAL HIGHLIGHTS
- INCREASED RISK OR IMPROVED CONTROL ON THE FAROE ISLANDS



## **BAKKAFROST**

#### - THE LARGEST FISH FARMING COMPANY IN THE FAROE ISLANDS



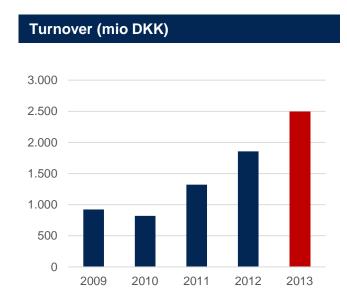
- Largest salmon farming company in the Faroe Islands
  - ~65% of harvest volumes in Q4 2013
  - 50% of farming licenses
- Harvested 11,097 tgw in Q4 2013 (13,044 tgw in Q4 2012)
- Feed sale of 20,270 tonnes in Q4 2013\* (25,047 tonnes in Q4 2012\*)
- Revenues of DKK 667 million in Q4 2013 (DKK 582 million in Q4 2012)
- Operational EBIT of DKK 126 million in Q4 2013 (DKK 99 million in Q4 2012)
  Positive results from Farming and Feed, loss on VAP
- Equity ratio of 54%

**O** HEADOUARTER

<sup>\*)</sup> Including internal sale of 14,736 tonnes in Q4 2013 (16,210 tonnes in Q4 2012)

#### **GOOD DEVELOPMENT SINCE LISTING IN 2010**





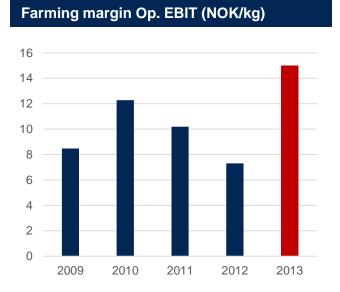
Turnover for Bakkafrost group has increased from 820 mdkk in 2010 to 2.5 bdkk in 2013

## **Operational EBIT (mio DKK)** 700 600 500 400 300 200 100 0 2010 2012 2013

Operational EBIT for Bakkafrost group has increased from 247 mdkk in 2010 to 587 mdkk in 2013

2011

2009

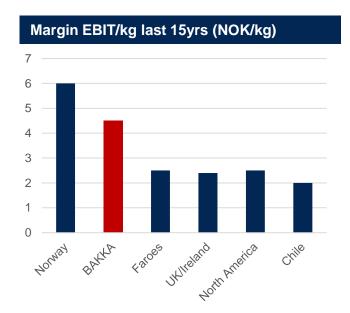


The margin in Farming was 15 NOK in 2013 – the highest ever. Even in 2012 when global supply increased 22% the company had a margin of 7.3 NOK/kg

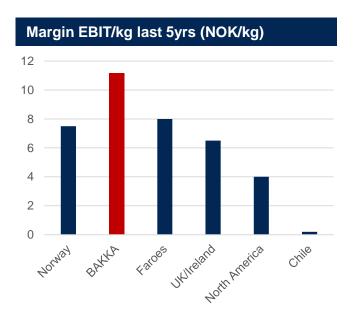
The company have grown both in size and profitability during the period since the listing

#### INDUSTRY STRUCTURE HAS INFLUENCE ON THE COMPETITIVENESS

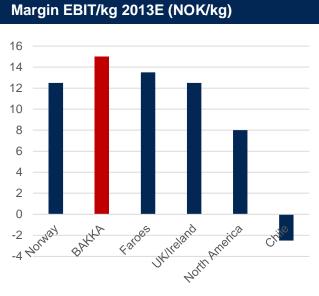




During the last 15 years, Norway had far the highest margin of the farming contries with 6 NOK/kg in average, while BAKKA had 4.5 NOK/kg.



The last five years BAKKA had a strong average margin of 11.18 NOK/kg



In 2013 BAKKA had a Farming margin of 15 NOK/kg

Reorganizing the industry in Faroe Islands and company specific strategy has paid off

Source: Kontali and Bakkafrost

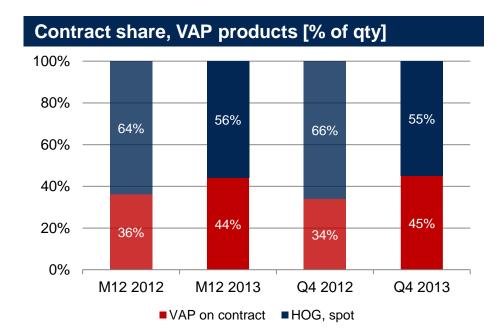


#### Overseas High-End markets also dominated Q4 2013

- Asian market becoming more and more important
- Eastern European market reduced from 18% in Q4 2012 to 11% in Q4 2013 of total sales
- EU market most important market for VAP products, but not for fresh whole salmon

 VAP/contract share 45% of total volume in Q4 2013 in line with strategy

Sales by markets	Q4 2013	Q4 2012	2013	2012
EU	50%	41%	47%	50%
USA	17%	20%	19%	16%
Asia	22%	21%	27%	19%
Eastern Europe	11%	18%	6%	15%



**BAKKAFROST** 

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## **KEY FINANCIALS, GROUP**



- Improved cash flow from operations in Q4 2013 – mainly due to decrease in inventory since Q3 2013
- Increase in total assets relates to investments in PPE, higher fair value of biomass and debtors due to the increase in salmon prices
- NIBD reduced by DKK 130 million from end 2012 despite investments and increase in working capital
- The Group has undrawn loan facilities of DKK 684.0 million, of which DKK 15.6 million is restricted

(DKK million)	Q4 2013	Q4 2012	2013	2012
Cash flow from operations	187.1	103.8	517.5	285.6
Total assets*	3,112.2	2,570.9	3,112.2	2,570.9
NIBD*	678.0	806.9	678.0	806.9
Equity ratio*	54%	49%	54%	49%

<sup>\*</sup> Comparing figure are at year-end 2012

Mile Miles for Mile Viole 1 gammen.



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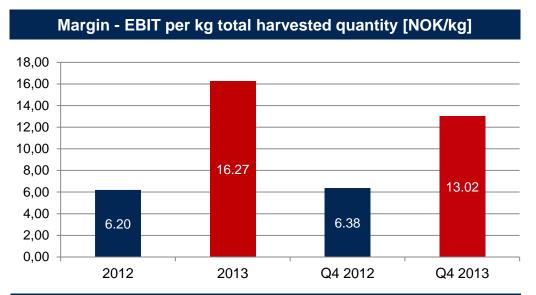


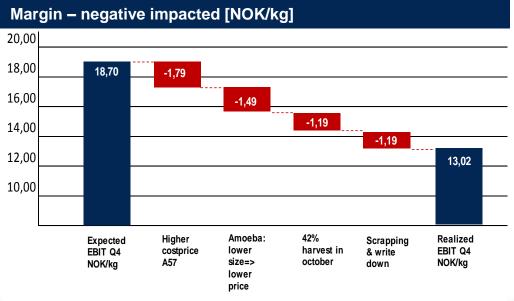
#### FARMING - OPERATIONAL PERFORMANCE



#### **Operation**

- Margin more than doubled in Q4 2013 compared with Q4 2012, and increased 162% for the full year 2013 compared with 2012, from 6.20 NOK/kg up to 16.27 NOK/kg
- Margin in Q4 2013 hampered by higher costs in A-57 and unfortunate harvest profile (42% in Oct.)
- Surveillance tests detected Neoparamoeba perurans in Oct-13. Sites treated with Hydrogen Peroxide and harvested, lower average weight
- Harvest below guidance due to harvest in Fuglafjørður at a lower than expected weight



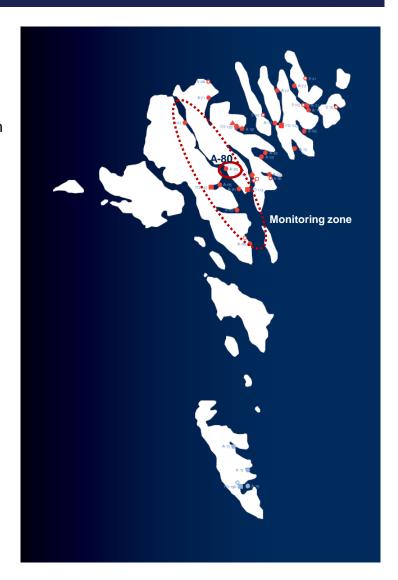


## ANNOUNCEMENT FEBRUARY 9TH 2014 REG. ISA-VIRUS



# Suspicion of a possible pathogenic ISA-virus at Bakkafrost farming site A-80 announced the 9<sup>th</sup> of February this year

- The announcement referred to farming site A-80, where only one cage of fish was left for harvesting
- No clinical signs have been found in any fish, not from A-80 and not from other sites
- Bakkafrost decided to activate the ISA-contingency plan immediately and hence enforced slaughtering of the last cage at the farming site A-80 Selatrað. The farm was emptied within five days
- A-80 results:
  - Originally released 711,731 pcs in Aug. 2012
  - Harvested a total of 662,744 pcs (93%) 3,397 tonnes HOG,
  - Average weight was 5.13 kg HOG, and
  - FCR was 1.08
- Tests of all farms in monitoring zone have not detected further HPR-del virus
- The Faroese Veterinary System proved its Early warning abilities







- Market risk
- Farming operational risk
- Disease

Operation of fish farming facilities involves considerable risk with regard to disease

- Faroese Veterinary system:
  - Early warning system => supposed to give warnings
    - Oct 2013: suspicion of Neoparamoeba perurans
      - Immediate action, enforced harvesting of whole site, affected Q4 result, no disease
    - Feb 2014: suspicion of a possible pathogenic ISA-virus
      - Immediate action, enforced harvesting of one cage, minimal affects on cost, no disease

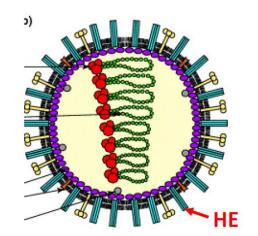
Three different components needed to develop salmon disease Virus Pathogenic Quantity Stress Salmon Weather conditions Vacine • Lice Good/bad Treatments resistence Density



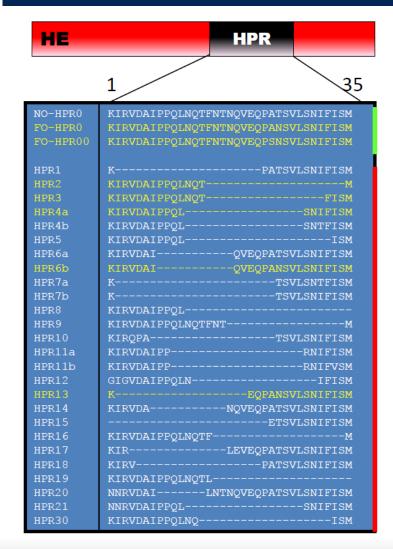


- The thesis is that pathogenic ISA-virus will mutate from the HPR-0 virus, that quite normal in wild fish
- A part of the HPR-0 "HPR" will be deleted during the endless series of replications, depending of what part is deleted will decide how much mortality the actual variant will cause to the salmon
- The recently found variant in Feb-2014 was HPR9. This variant was not found before in the Faroe Islands

#### **HPR-virus key for mutation**



# ISA virus genoma HPR-0 and pathogenic variants from HPR1 to HPR30







#### Regular inspection and testing

- Daily, every two weeks, monthly and quarterly
- Inspection check, lice and gill test, veterinary inspection and sampling, authority inspection and sampling

#### Four farming companies operate in the Faroes

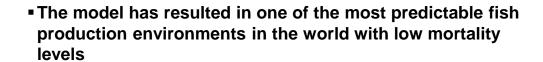
- Easier to coordinate biological improvement
- Knowledge sharing
- Good cooperation with authorities

#### Bakkafrost's fish health team

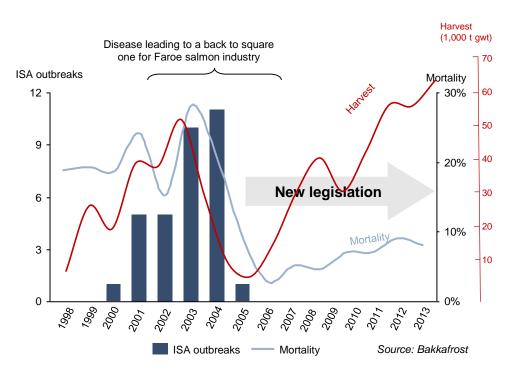
A strong team with proved track record, certified veterinarians, biologists, and assistants



- During the period 2001-2004 the Faroe Islands were severely struck by ISA outbreaks
- New legislation and regulation was introduced in 2003 known as "The Faroese Veterinary Model":
  - Fallow periods between generations in farming and hatcheries
  - Immunisation and vaccination programs
  - Restricting movement of equipment
  - Restricting movement of fish
  - Density limits introduced
  - Brood stock facilities allowed on land only
  - Minimum distances between farms, hatcheries etc introduced
  - Rules to fight and control lice



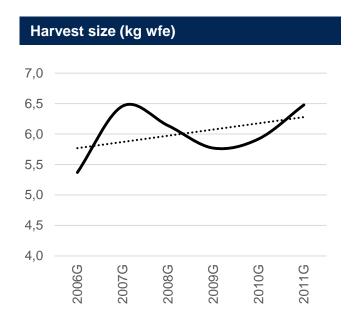
#### Mortality rates totally changed and no clinical ISA since 2005



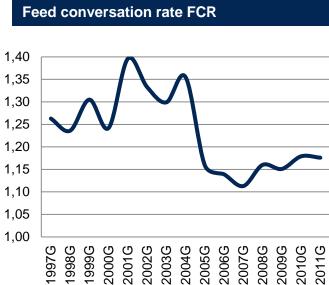
The mortality rate with the Faroese Veterinary Model has been between 5 and 9% compared to 20 to 25% before – despite the annual production has never been higher than now

#### **KPI - DEVELOPMENT IN FAROESE SALMON FARMING**

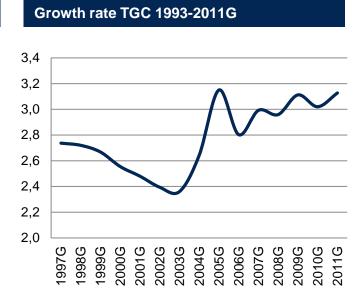




Harvesting size of salmon in the Faroe Islands has during the last years been between 5.5 and 6.5 kg



The feed conversion rate dropped from around 1.30 to around 1.15 with Faroese veterinary system



The growth rate increased from around 2.5 to 3.0 with the Faroese veterinary system

Important KPI for Faroese salmon farming developed very positively after the Faroese Veterinary Model was introduced back in 2003 and have a significant part of the success and competitiveness in the industry

## **FAROE ISLANDS**

#### - EXCELLENT CONDITIONS FOR COST EFFECTIVE FARMING





- Faroese fjords provide separation between locations
- Improves biological control and area management

WATER

- Stable seawater temperatures throughout the year between 6-12 degrees Celsius
- Excellent water quality and circulation conditions

LOCATION

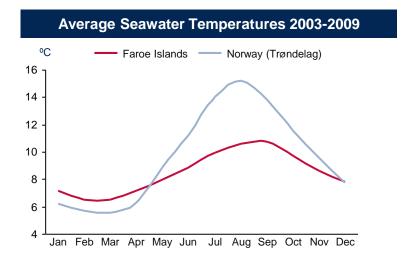
 Efficient distribution to both the European, US and Far East markets

**BIOMASS** 

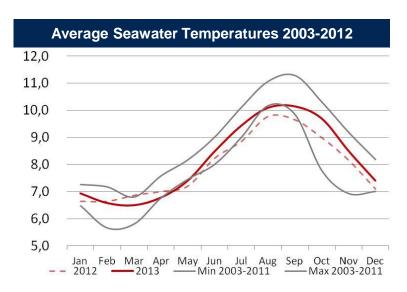
 Biological sustainability setting the smolt release target depending on veterinary, biological and environmental results on previous generations



 Sustainable feed, based on local marine raw materials. High on Omega-3, proved track record with best performance on high SGR and low FCR



Source: Company material, Havforskningsinstituttet





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- FINANCIAL HIGHLIGHTS
- SEGMENT INFORMATION
- GROUP FINANCIALS





















Fishmeal & Oil

Feed

Hatchery

Farming

Wellboat

Harvest

Value Added Products

Sales

- One of the most vertical integrated salmon farming companies in the world
- Full traceability to the benefit of our customers
- 45 years of experience
- Focus on cost centres
- Vertical integration reduces operational and financial risk
- A market focused company with own sale and marketing department

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Fishmeal & Oil

Feed

Hatchery

Farming

Wellboat

Harvest

Value Added Products

Sales

The investments will be made step by step in the relevant parts in the value chain to secure:

- Effiency
- Biological risk
- Organic growth



















Fishmeal & Oil

Feed

Hatchery

Farming

Wellboat

Harvest

Value Added Products

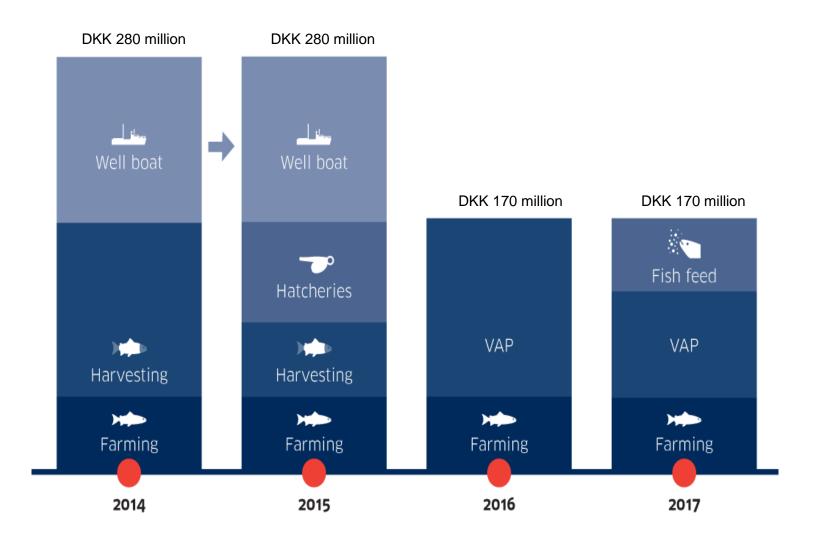
Sales

## Investment plan 2013-2017:

- Seven plants into one integrated plant (Packaging, Harvest and VAP) at Glyvrar to take out synergies, reduce costs and meet future market trends
- New well boat to increase capacity, improve quality and reduce biological risk
- Increase smolt capacity to increase farming capacity and reduce biological risk
- Increase feed capacity to meet future demands



### **INVESTMENTS 2014 - 2017**





















Fishmeal & Oil

Feed

Hatchery

Farming

Wellboat

Harvest

Value Added Products

Sales

# Hatchery at Norðtoftir

- Finalised spring 2014
- Investment of DKK 53 million
- Recirculation of 99% of water
  - saving water and heating
- Capacity of 2 million 100g smolts per year
- Increased Bakkafrost total capacity by 30%





# Building a new well boat

- Owned and operated by Bakkafrost
- Rolls Royce design
- Contract signed with the shipyard Tersan in Yalova, Turkey
- Planned to be delivered mid 2015
- Estimated total costs DKK 230 million



# Specifications

- Length overall 75.8 meters
- Width mid 16 meters
- Fish hold 3,000 CUM
- 450 tonnes of salmon live fish carrier



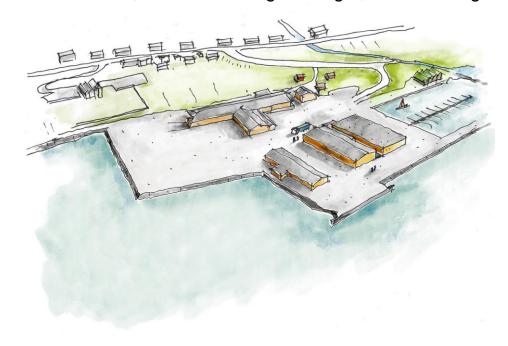
# Present Packaging plant at Glyvrar



# New Packaging plant at Glyvrar

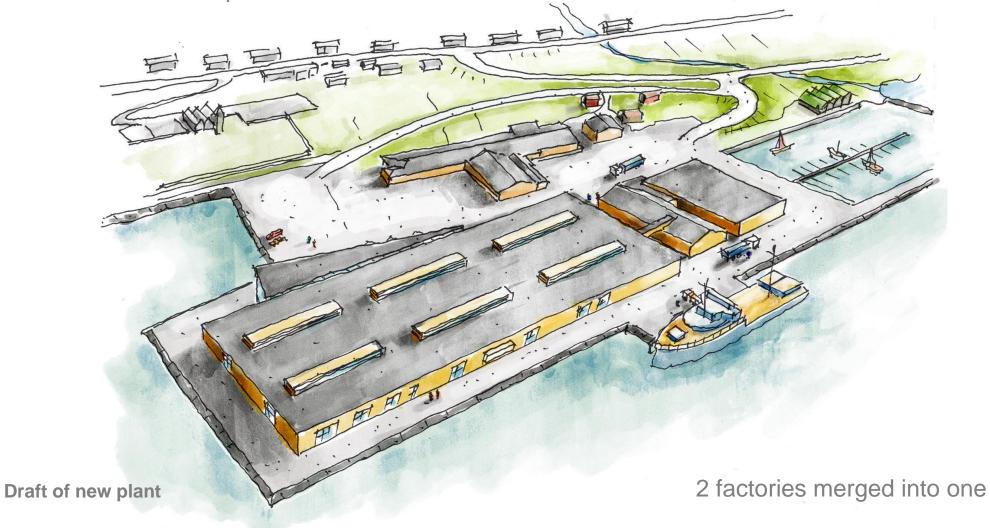
### **Phase 1: Integration with Harvest**

- Construction in process
- Estimated costs DKK 26 million
- Start up during summer 2014
- 3,500 m<sup>2</sup> including existing 1,300 m<sup>2</sup> storage

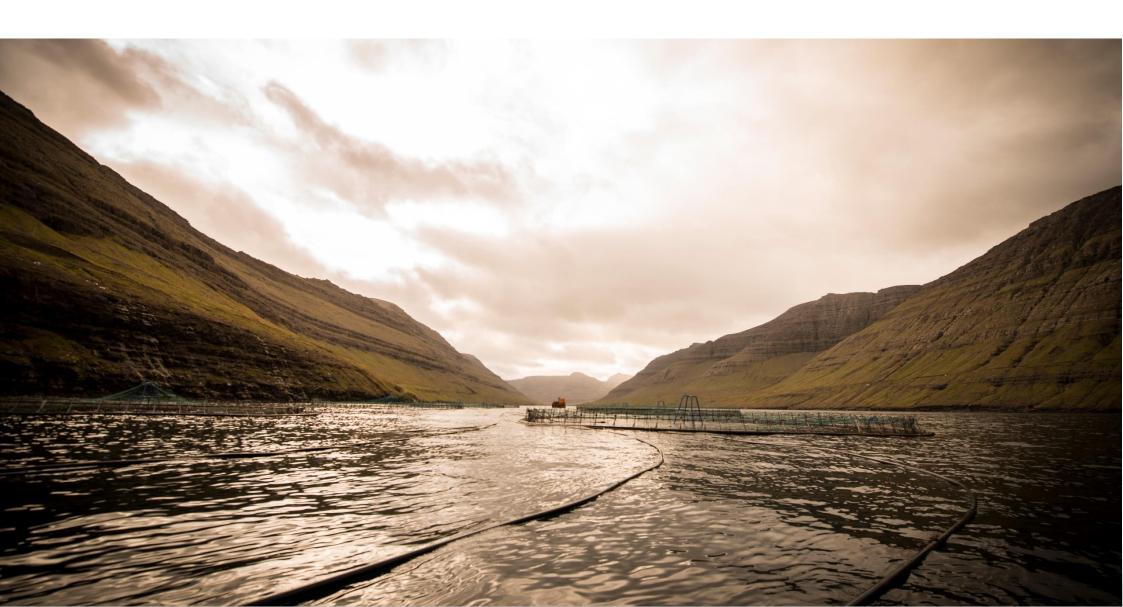




Phase 3: New VAP operation









## **Financing of the investments 2014-2017**

- Use free cash flow from operation
- Unused financing of DKK 684 million
- Partly new financing if advantageous

**Unchanged dividend policy** 



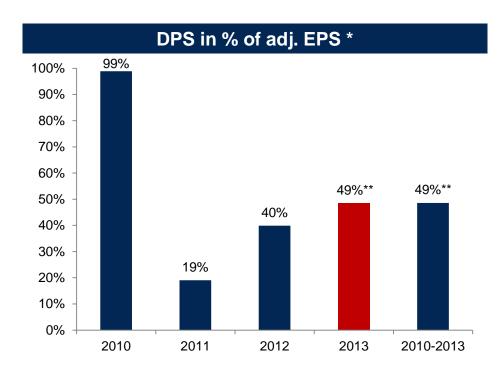


#### Dividend

- Proposed dividend of DKK 4.50 (NOK ~5.03) per share to be paid out in Q2 2014
- Bakkafrost purchased treasury shares in 2013, equivalent to DKK 0.59 (NOK 0.66) per share.
- Dividend incl. an acquisition of treasury shares is DKK 5.09 (NOK ~5.69)

#### **Dividend policy**

- Competitive return through:
  - Dividends
  - Increase in the value of the equity
- Generally the company shall pay dividends to its shareholders
- A long-term goal for the Board of Directors is that 30–50% of EPS shall be paid out as dividend



<sup>\*</sup> Operational EBIT is EBIT adjusted for fair value adjustment of biomass, onerous contracts, income/loss from associates, acqusition costs and badwill

<sup>\*\*</sup> Proposed dividend including acquisition of treasury shares

