## MOW

## Capital Markets Day 2024

Brekstad, Norway

26 September 2024



### **Group Management Team**

#### Ivan Vindheim (1971), CEO



CEO from 2019, prior to that CFO for seven years. He has held various executive positions in the seafood industry and other industries.

MSc. MBA, CPA, CEFA

#### Ben Hadfield (1976), COO Farming



COO Farming Scotland, Ireland & Faroes from 2020, prior to that COO Feed and MD for Mowi Scotland. He has held key positions in Mowi since 2000.

MSc, BSc

#### Atle Kvist (1963), COO Feed



COO Feed from 2020, prior to that MD for Mowi Feed since 2019. He has experience from various executive positions within the feed industry and other industries.

MSc

#### Kristian Ellingsen (1980), CFO



CFO from 2019, prior to that Group Accounting Director for four years. He has experience from various positions in the finance area including Director at PwC.

MSc. BSc. CPA, CISA

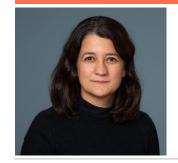
#### Fernando Villarroel (1974), COO Farming



**COO Farming Americas** from 2020, prior to that MD for Mowi Chile since 2017. He has held various position within salmon farming alobally.

MSc. BSc

#### Catarina Martins (1977), CTO and CSO



Chief Technology and Sustainability Officer from 2020, prior to that Group Manager Environment and Sustainability. She has both a relevant scientific and business background.

PhD. MSc. MBA

#### Øyvind Oaland (1970), COO Farming



COO Farming Norway from 2020. Prior to that Chief Technology Officer and Head of Global R&D for 12 years. He has held various key positions in Mowi since 2000.

DVM

#### Ola Brattvoll (1968), COO Sales & Marketing



COO of Sales & Marketing since 2010. He has comprehensive experience within sales and marketina in the seafood industry.

MSC

#### Kjersti Eikeseth (1978), CHRO



Chief HR Officer from 2024. prior to that HR Director Mowi RMT 2020-2024.

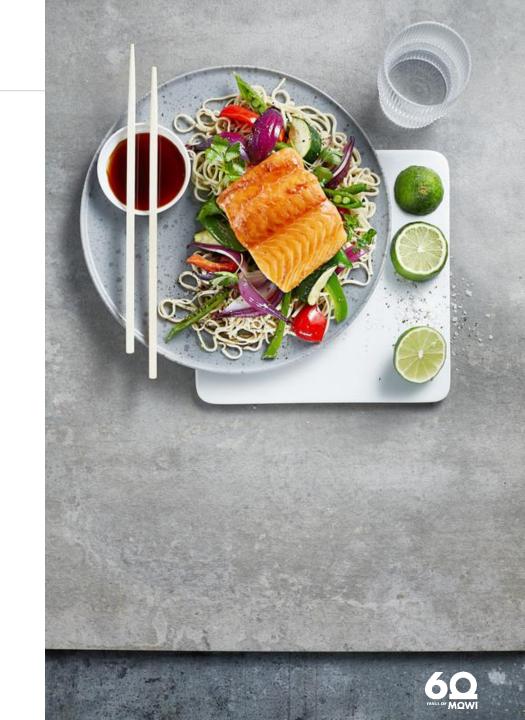
Degree in HR management from Norwegian Business School.

BSc



## Agenda

| 08:00 | 08:25 | Business and Strategy Update                      | Ivan Vindheim       |
|-------|-------|---|---------------------|
| 08:25 | 08:40 | Finance   | Kristian Ellingsen  |
| 08:40 | 09:05 | Sales & Marketing                                 | Ola Brattvoll       |
| 09:05 | 09:20 | Break   |                     |
| 09:20 | 09:45 | Farming Norway and Iceland                        | Øyvind Oaland       |
| 09:45 | 10:00 | Farming Scotland, Faroes, Ireland and Canada East | Ben Hadfield        |
| 10:00 | 10:10 | Farming Chile and Canada West                     | Fernando Villarroel |
| 10:10 | 10:20 | Feed  | Atle Kvist          |
| 10:20 | 10:35 | Break   |                     |
| 10:35 | 10:50 | R&D and ESG                                       | Catarina Martins    |
| 10:50 | 10:55 | Summary   | Ivan Vindheim       |
| 10:55 | 11:30 | Q&A   |                     |



### Forward looking statements

This presentation may be deemed to include forward-looking statements, such as statements that relate to Mowi's contracted volumes, goals and strategies, including strategic focus areas, salmon prices, ability to increase or vary harvest volume, production capacity, expectations of the capacity of our fish feed plants, trends in the seafood industry, including industry supply outlook, exchange rate and interest rate hedging policies and fluctuations, dividend policy and guidance, asset base investments, capital expenditures, tax and net working capital guidance, NIBD target, cash flow guidance and financing update, guidance on financial commitments and cost of debt, guidance on anti-trust and competition regulations, and various other matters concerning Mowi's business and results. These statements speak of Mowi's plans, goals, targets, strategies, beliefs, and expectations, and refer to estimates or use similar terms. Actual results could differ materially from those indicated by these statements because the realisation of those results is subject to many risks and uncertainties.

Mowi disclaims any continuing accuracy of the information provided in this presentation after today.



## MOVI®

# Business and Strategy update

Capital Markets Day 2024

Ivan Vindheim CEO



#### Mowi in brief

One of the world's leading seafood companies (#1 measured by market capitalisation)

#1 on sustainability (Coller FAIRR)

The world's largest producer of Atlantic salmon, 500,000 GWT in 2024E

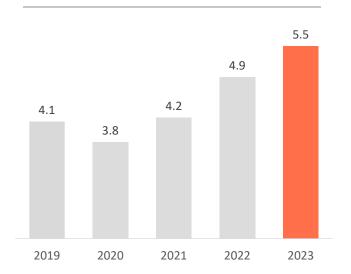
(~2.9 billion meals per year)

Fully integrated value chain

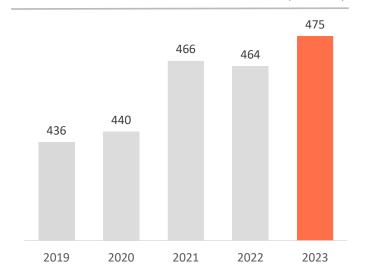
Listed on Oslo Stock Exchange

HQ in Bergen, Norway

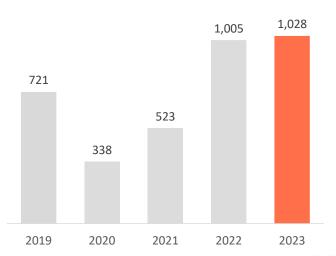
Revenue and other income (EUR bn)



Harvest volume Atlantic Salmon (kGWT)

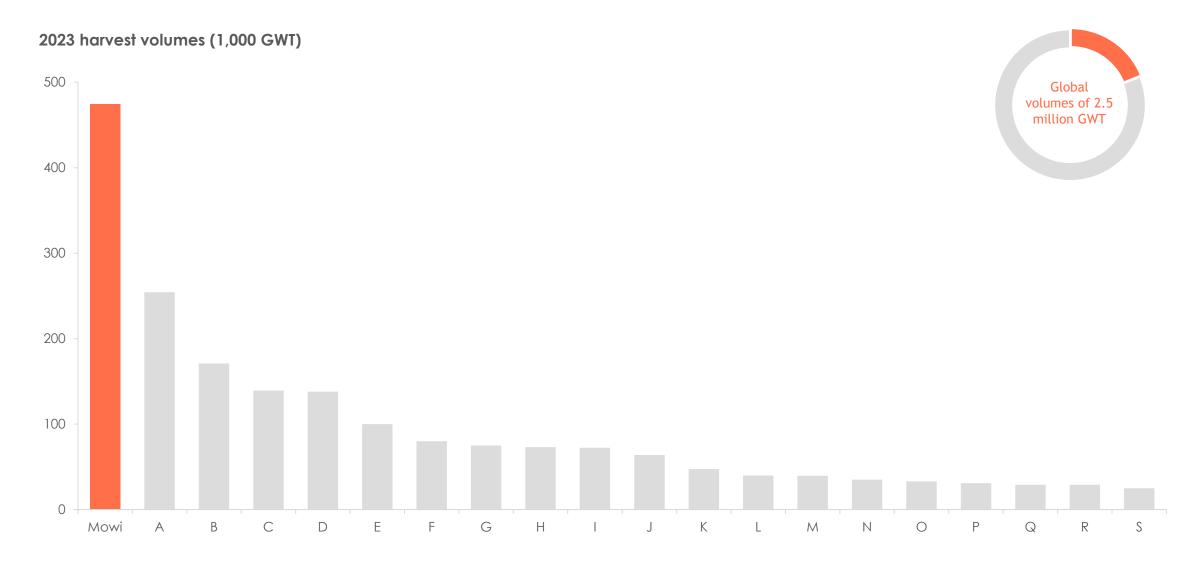


Operational EBIT (EURm)



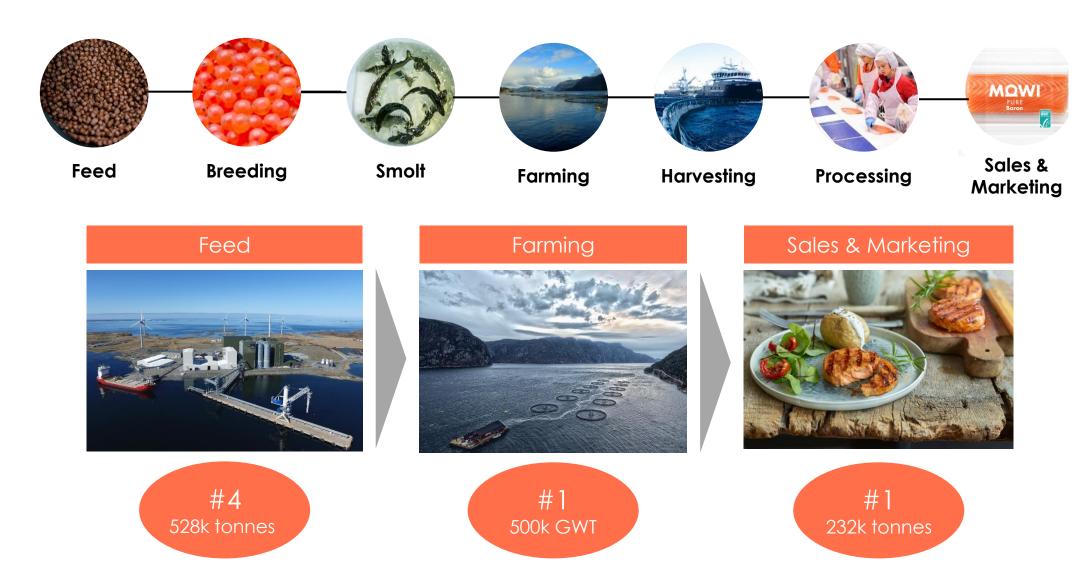


## Mowi – Leading the Blue Revolution



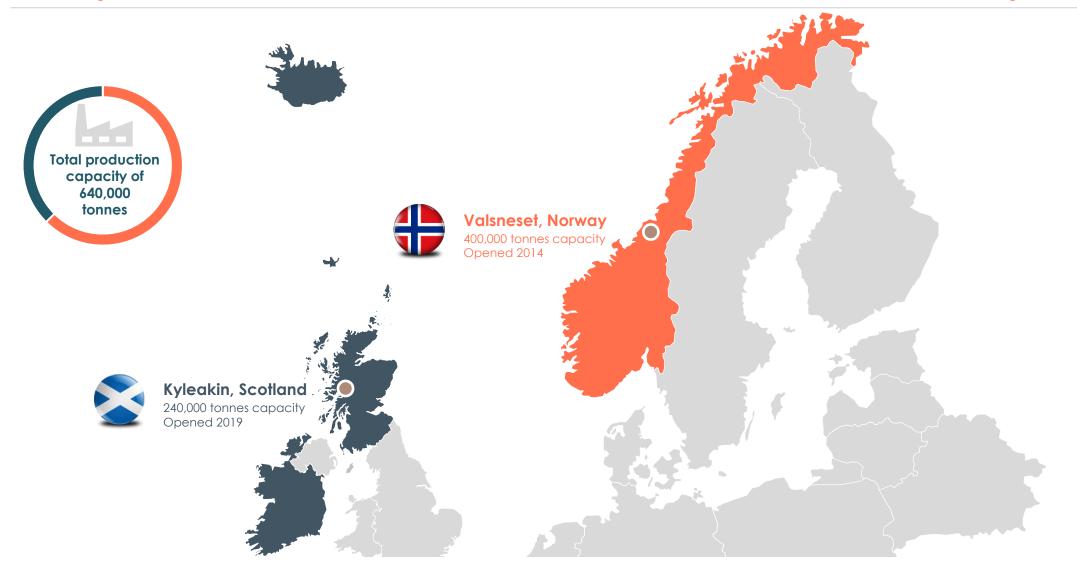


## Fully integrated value chain



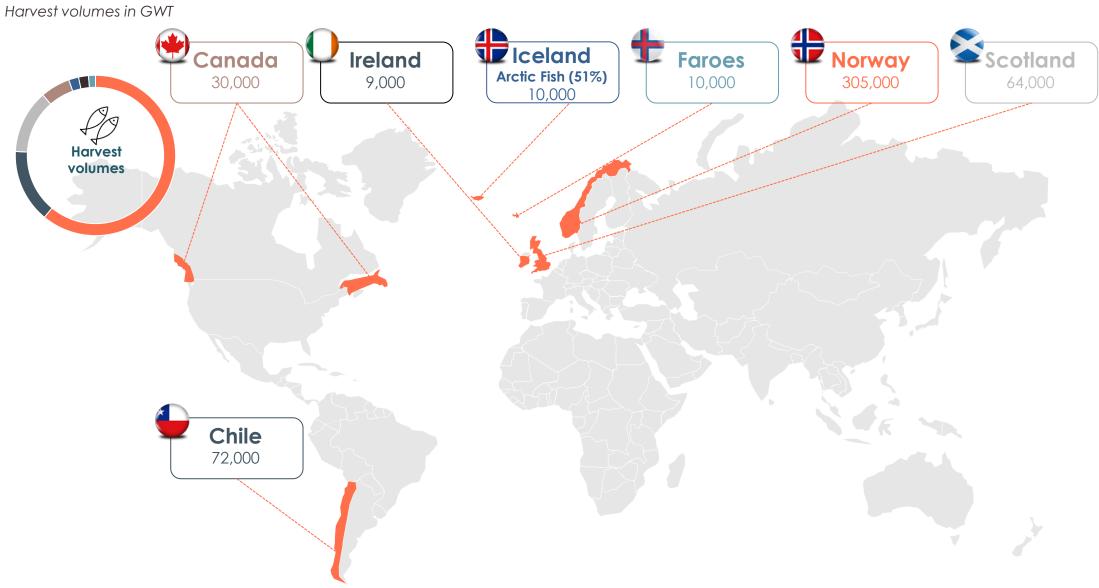


## Feed production of 528,000 tonnes in 2023 – Self-sufficient in Europe





## Farming harvest volumes of 500,000 GWT in 2024E





## Sales & Marketing – Consumer Products volumes of 232,000 tonnes in 2023





## Atlantic salmon is a fantastic product with great product features

- Scientifically proven natural superfood
  - Nutritionally dense and great for one's health (omega-3, protein, vitamins, potassium, antioxidants)
- Top appetising taste, look, texture and colour
- Versatile for traditional and evolving food occasions
  - Raw, grilled, cooked and smoked
- Appealing to people of all ages
  - Addressing health needs of the elderly but equally attractive to youngsters
- Most sustainably produced animal protein
  - With the best climate footprint and top sustainability performance vs. all other animal proteins





## And the beneficiary of strong megatrends







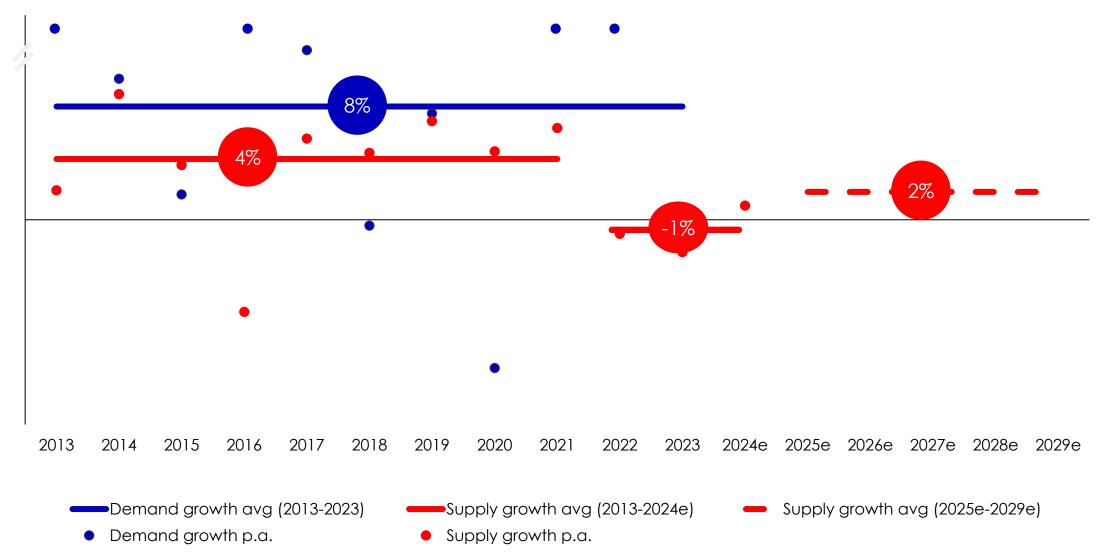






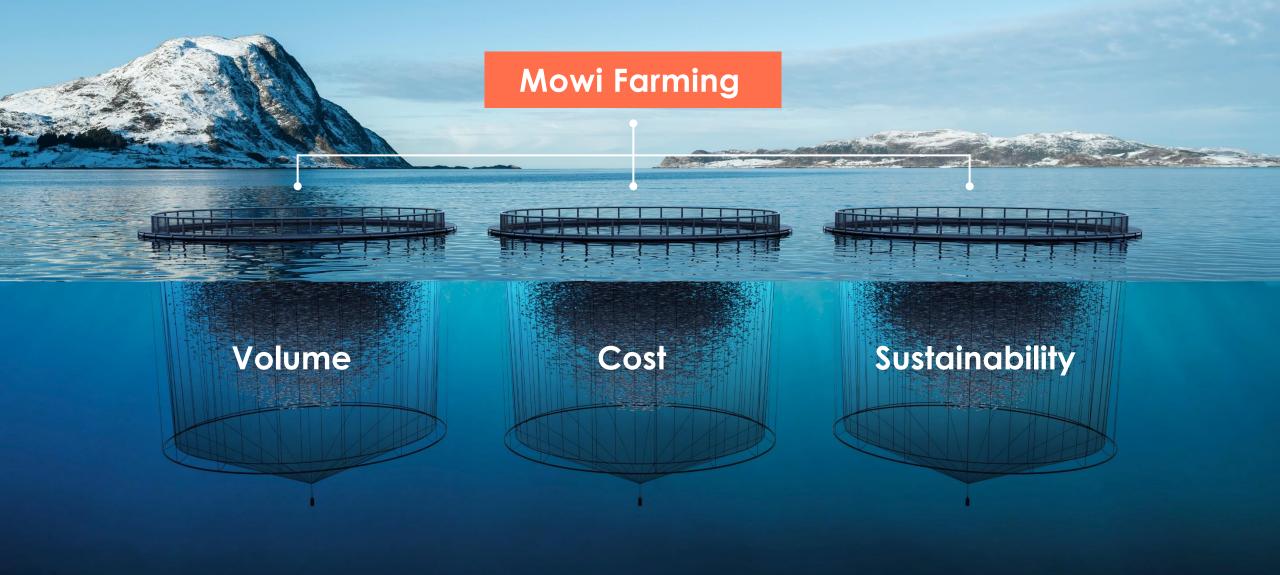


### Structural undersupply is expected to continue in the coming years

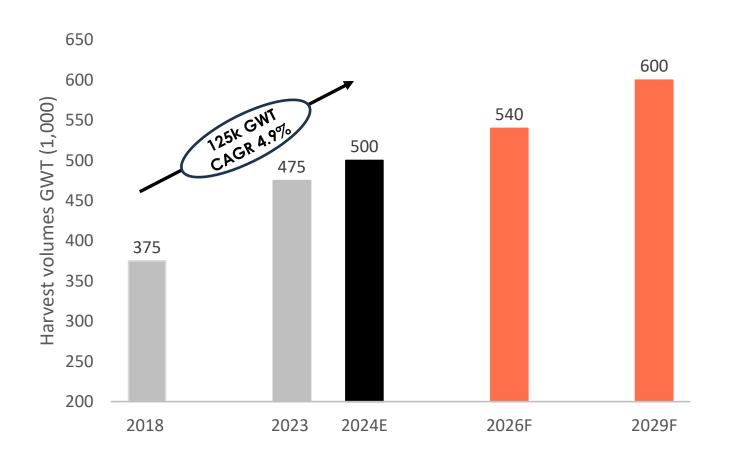




## Mowi is working along three main pillars



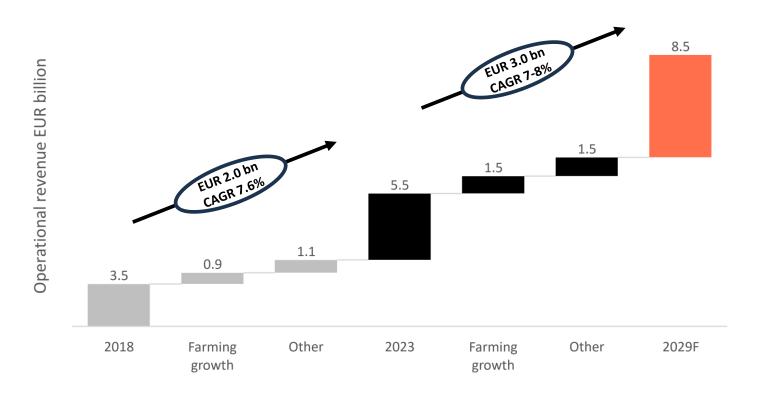
## Farming volume growth of 100,000 GWT in the coming 5 years to all-time high 600,000 GWT



- Farming volumes the mainstay of Mowi's business model
- Strong volume growth of 125k GWT, from 375k GWT to 500k GWT for Mowi globally over the last 6 years
  - This growth alone equivalent to the world's 6th largest salmon farming company including Mowi
  - 4.9% CAGR vs industry at 2.7%
  - In practise organic growth
- Aiming at 540k GWT in 2026 and 600k
   GWT in 2029
  - Organic growth of 100k GWT
- Capex approximately EUR 600 million



## Which translates into an organic revenue growth of 7-8% annually until 2029

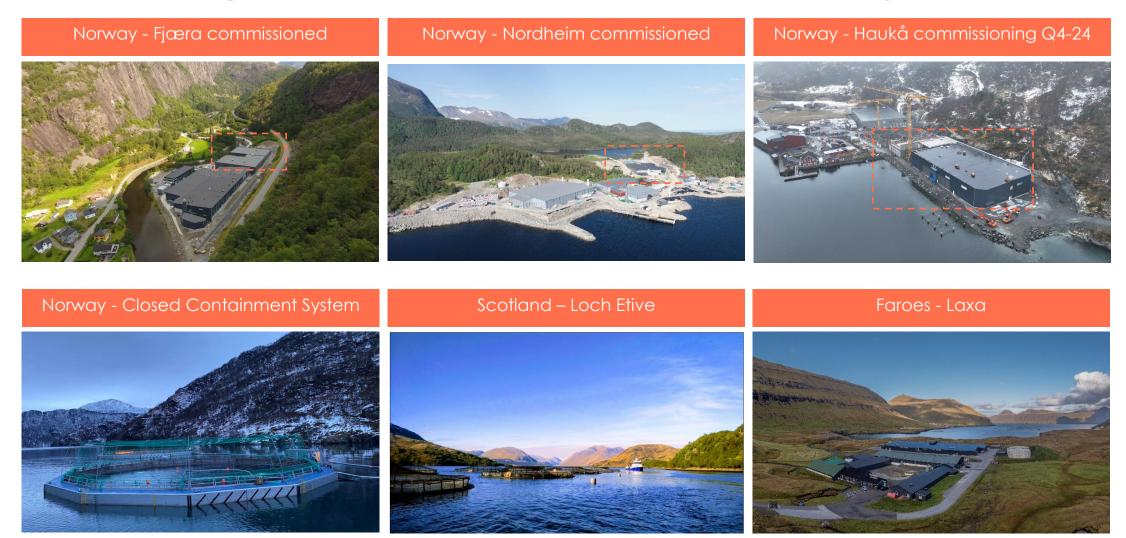


- 2023-2029F: Topline CAGR 7-8% pa
  - Farming volume CAGR 4.0% pa (475k GWT 2023 to 600k GWT 2029F)
  - Product enhancement, branding, inflation CAGR 3-4%
- 2018-2023: Topline CAGR 7.6% pa
  - Farming volume CAGR 4.8% pa (375k GWT 2018 to 475k GWT 2023)
  - Other CAGR 2.8%



## How to deliver on this organic growth?

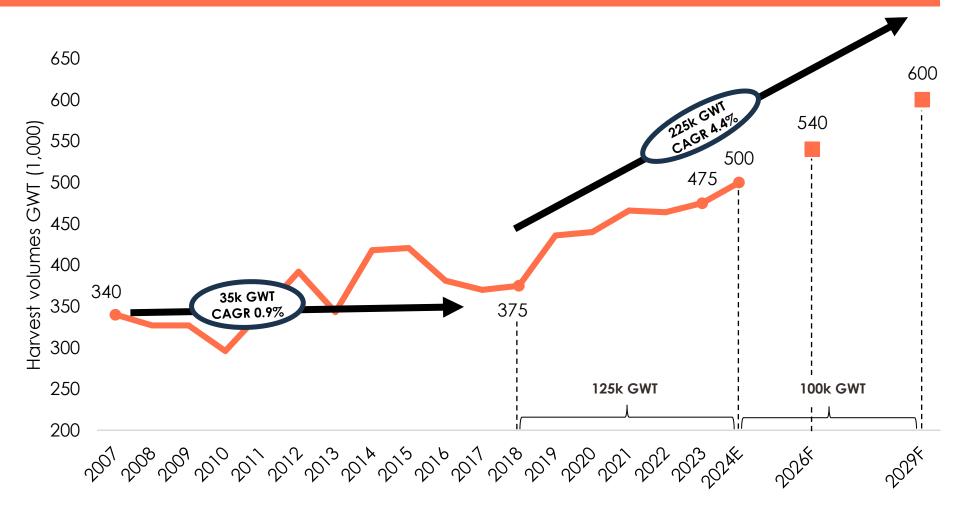
Increased smolt stocking on unutilised licenses and increased productivity by postsmolt on utilised licenses (~40 million postsmolt by end of 2024 / 25% coverage / Norway 50% ex RN)





## Productivity programme revived farming volume growth

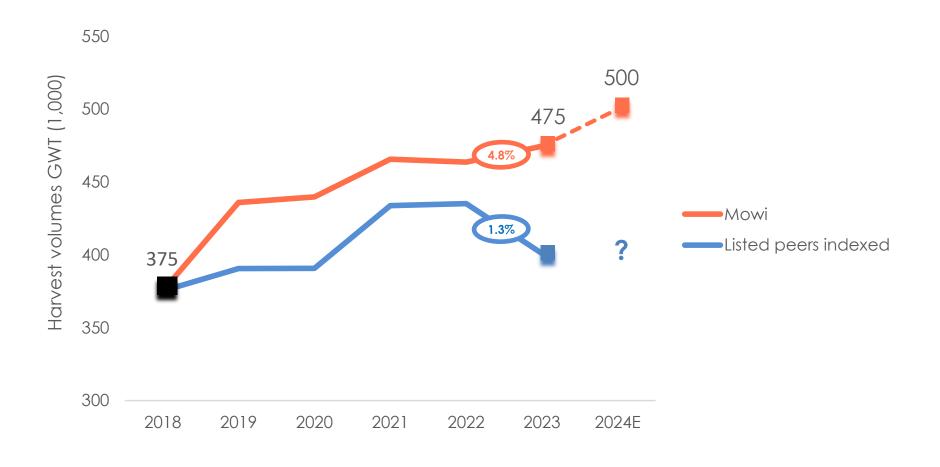
### Mowi Farming volumes since the big merger in 2006





## From lagging behind to being ahead – farming volume growth vs listed peers

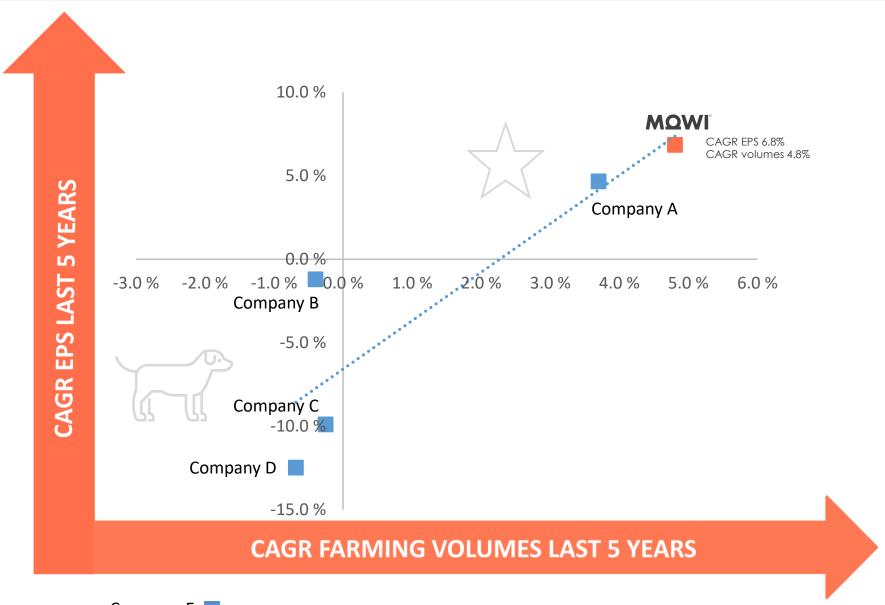
### Mowi Farming volumes versus indexed listed peers since 2018





## Has made Mowi #1 CAGR EPS and organic farming volume growth last 5 years

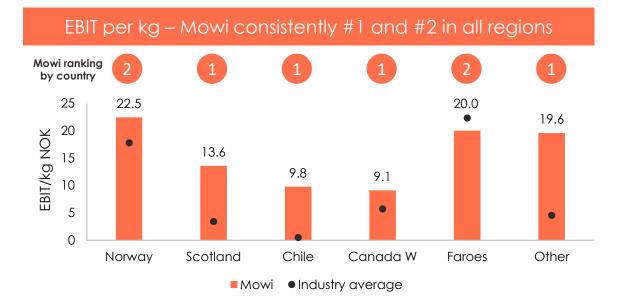
But negatively impacted by increased taxes, doubling of feed prices, loss of 20k GWT in BC, FX





## Improve our cost-leading position in the seven countries where we operate

- Mowi #1 or #2 on cost in every farming country
- Biology and operational performance the main cost drivers
  - Postsmolt a key contributor going forward through improved biological metrics
- However, cost-cutting initiatives are important, including FTEs
  - EUR 307 million since 2018
  - And FTEs down by 1,500



Note: OP EBIT/kg all-inclusive 2018-2023. Industry average excluding Mowi. "Other" includes Mowi Ireland and Arctic Fish versus Icelandic peers



## And further develop our position as one of the world's most sustainable animal protein producer

| Rating agencies                                   | About the rating  | Score (1)       |
|---|---|-----------------|
| FAIRR<br>A COLLER INITIATIVE                      | Mowi ranked as the most sustainable animal protein producer in the world (amongst the largest 60 animal protein producers in the world) for five consecutive years      | 1st             |
| WORLD'S MOST SUSTAINABLE COMPANIES  abilitia 2024 | TIME Magazine, in partnership with Statista, named Mowi in its list of the World's 500 Most Sustainable Companies for 2024  | Y               |
| 44 CDB  | Mowi recognised as a global leader in climate action  | A-              |
| DISCLOSURE INSIGHT ACTION                         | Supplier Engagement Rating  | A               |
| MSCI  | ESG Rating, designed to measure a company's resilience to long-term, industry material environmental, social and governance (ESG) risks. Mowi is in the Leader category | AA              |
| SUSTAINALYTICS                                    | ESG Rating, assessing financially material<br>Environmental, Social and Governance<br>(ESG) data  | Medium-<br>Risk |

#### Salmon is the most sustainable animal protein alternative

|  | <b>Contract</b>     |        |         |         |
|--|---------------------|--------|---------|---------|
| Protein retention                                      | 28%                 | 37%    | 21%     | 13%     |
| Feed conversion ratio                                  | 1.3                 | 1.9    | 3.9     | 8.0     |
| Edible meat per 100 kg feed                            | 56 kg               | 39 kg  | 19 kg   | 7 kg    |
| Carbon footprint (kg CO <sub>2</sub> / kg edible meat) | 5.1 kg              | 8.4 kg | 12.2 kg | 39.0 kg |
| Water consumption (litre / kg edible meat)             | 2,000 <sup>2)</sup> | 4,300  | 6,000   | 15,400  |



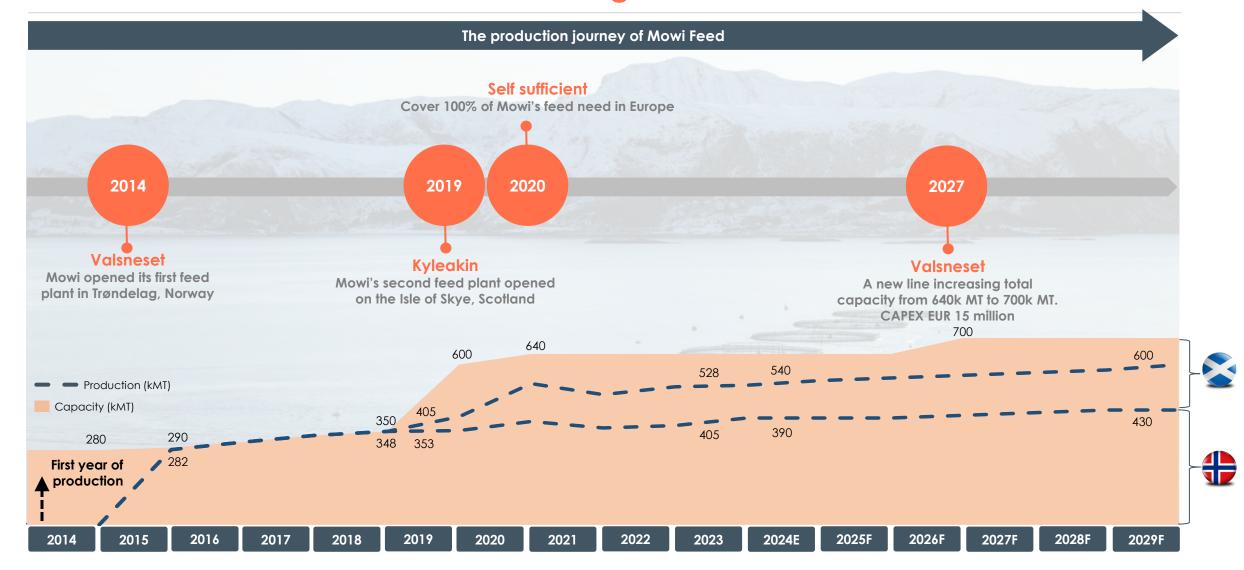
«Blue foods on average have much greater nutritional benefits than terrestrial foods. Many blue foods also have a smaller environmental footprint.»

«Farmed salmon…performed similarly or better than chicken – often considered the most efficient terrestrial animal across the considered environmental stressors.»

Quotes from BFA documents



## Grow the feed division with the farming division





## Further develop our number one position downstream





## MQWI°4.0

## Continue the transforming of the value chain through digitalisation and automation

- Mowi 4.0 Mowi's digitalisation strategy
  - Full digitally integrated value chain from roe to plate
- Smart Farming
  - Remote operation centres, real time monitoring of biomass, digital lice counting, assisted and automatic feeding, tracking fish welfare among other initiatives
- Smart Factories
  - Industry 4.0 technology
  - Increased automation and robotisation



Undersea AI

Tidal





## MOW

## **Finance**

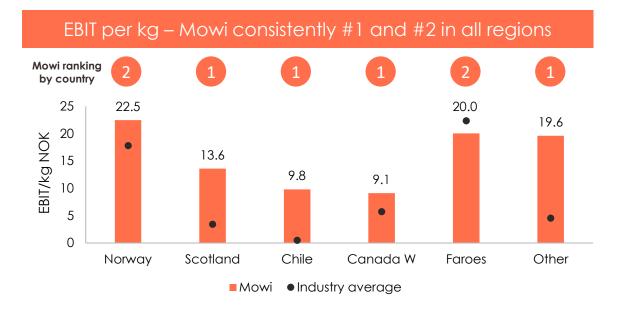
Capital Markets Day 2024

Kristian Ellingsen CFO



## Cost: One of Mowi's strategic pillars

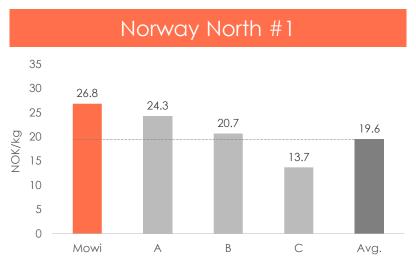
- Mowi #1 or #2 on cost in every farming country
- Cost-cutting initiatives are important to combat inflation, biological measures, and more complex regulations
- Biology and operational performance the main cost drivers
  - Biology expected to widen the gap between good and bad performers
  - Focus on continued operational improvements
  - Positive cost effects from postsmolt programme and Mowi 4.0 in the coming years
- Other important cost measures
  - Cost Savings Programme
  - Productivity Programme on FTEs

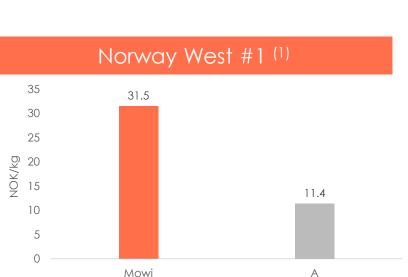


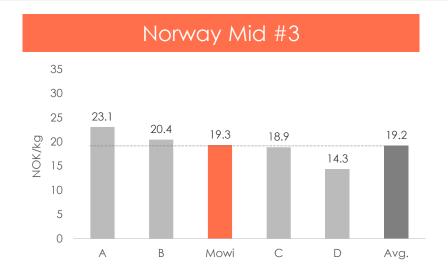
Note: OP EBIT/kg all-inclusive 2018-2023. Industry average excluding Mowi. "Other" includes Mowi Ireland and Arctic Fish versus Icelandic peers

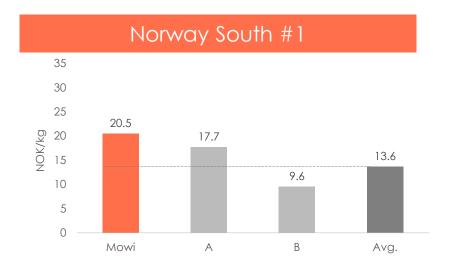


## Mowi Norway consistently #1 on EBIT/kg in Region North, West and South Improvement initiatives underway in Region Mid





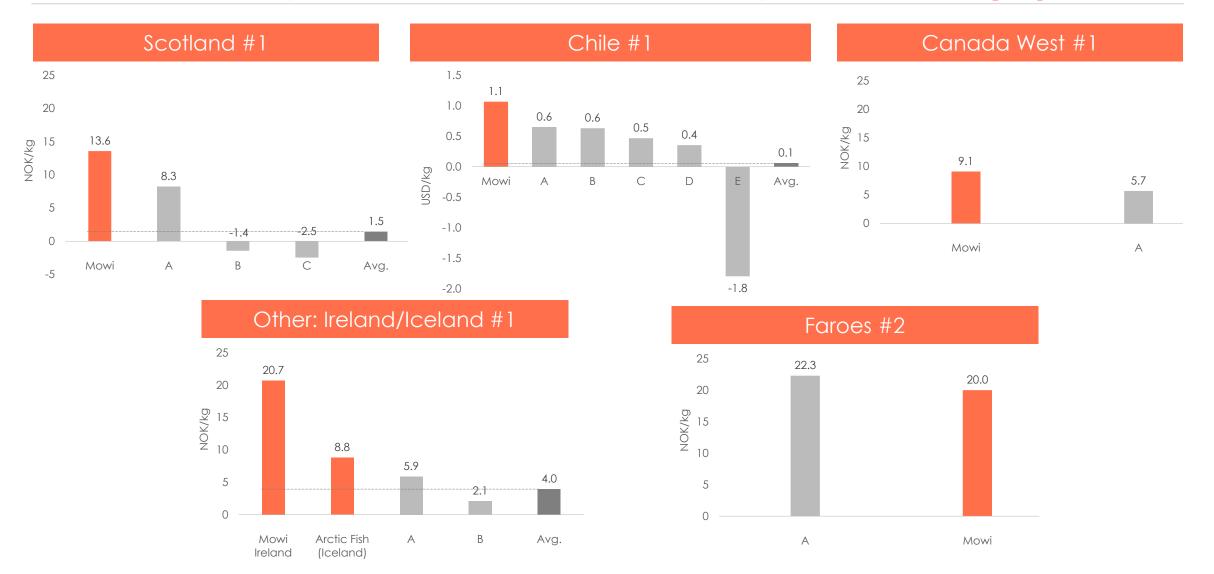






## EBIT per kg

## Mowi consistently #1 in all other countries except from Faroes (#2)

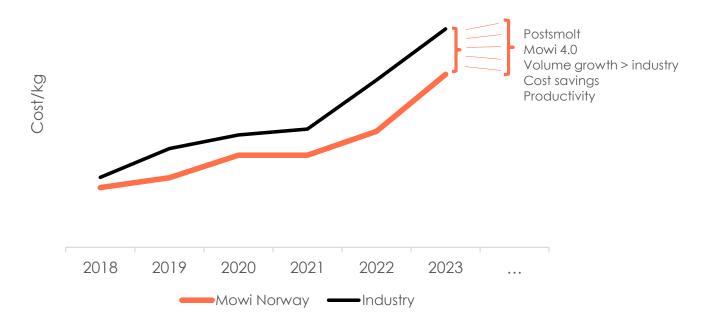




## Mowi Norway outperforming the wider industry on cost performance

 Gap is set to increase in the coming years through postsmolt, Mowi 4.0 and cost savings initiatives

Full cost per kg – Mowi Norway vs. all salmon farmers in Norway

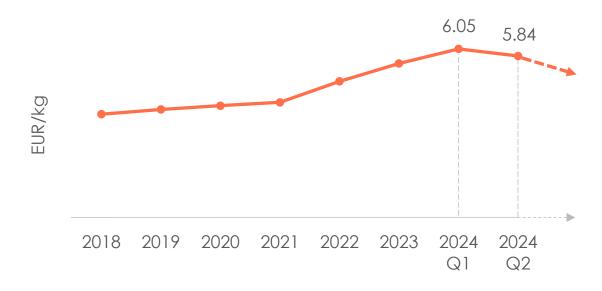




## Significant inflationary pressure since 2021 is now easing

- Recent easing of the significant post-Covid inflationary pressure
  - Driven by feed prices which increased significantly 2021-2023 but have been reduced by ~5% YTD Q2 2024 vs 2023
  - Expectations of continued feed price decreases driven by marine ingredients

#### Realised blended Farming cost per kg for Mowi group





### Realised cost savings of EUR 307 million 2018-2024 YTD Q2

- Total cost savings of EUR 307 million 2018-2024
   YTD, of which EUR 207 million in Farming
  - ~1 700 initiatives across different categories
- Cost Savings Programme has covered several important areas, and the organisation has become more cost-aware than before



Renegotiations of contracts



Boats and treatment capacity



Nets and net cleaning



Vaccines and other health items



External services and fee cuts

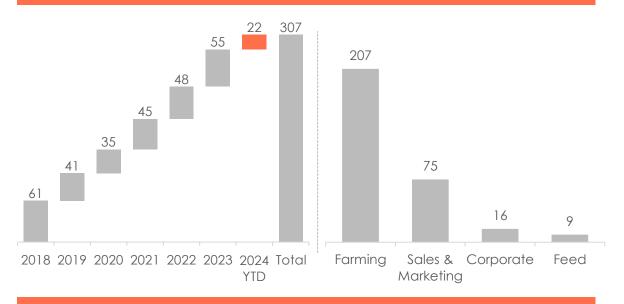


Productivity programme

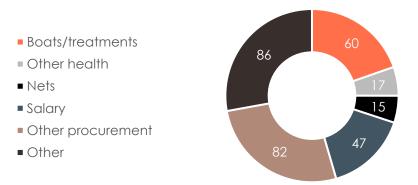


Other savings based on thorough review of spend, e.g. travel costs and energy savings

#### Cost savings per year and business area (EUR million)



#### Cost savings per category (EUR million)





## Taking the Cost Savings Programme to the next level

## Cost <u>control</u>, not just cost <u>savings</u>

- Safeguarding results achieved so far
- More proactive cost avoidance
- More deeply linked with operations
- Managed spending

#### Standardisation

- Comparability
- Enable analyses across business units
- Reduce complexity and operational risk
- Leverage volume strategies

#### Reduce variations between business units

- Capitalise on Mowi best practices and insight
- Data-driven and systematic approach

#### Category management

- Capitalise on category insight
- Systematic approach across the group
- Close
   cooperation
   between
   Controlling,
   Procurement and
   operations

## Life-cycle analysis

- Ensure that total life cycle cost is considered
- Short-term savings vs. long term cost
- Sustainable supply chains

Long-term spend strategies combined with constant cost focus in our daily work

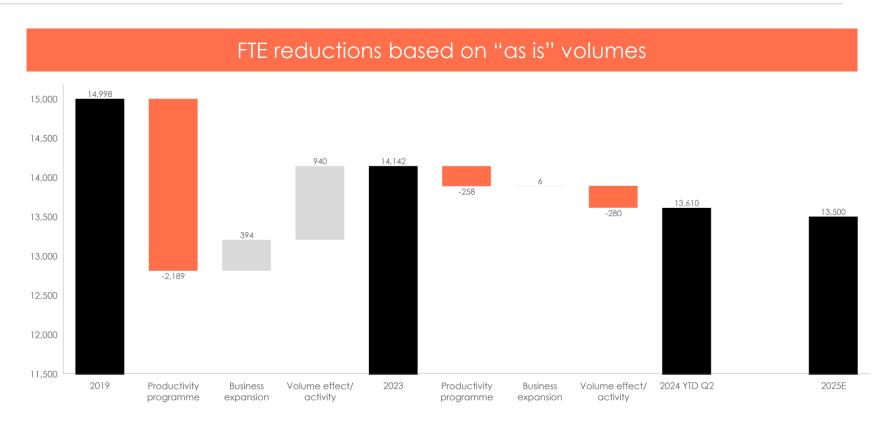


## Strong performance on productivity and FTE development



#### Productivity programme

- Salary and personnel expenses second largest cost item in Mowi; EUR 648 million in 2023
- Productivity increase of 18% 2019-2024 YTD Q2, i.e. delivering well in excess of the 10% targeted productivity increase
- FTE decrease 9% 2019-2024
   YTD Q2
- Volume increase 9% 2019-2024 YTD Q2
- On schedule to realise further productivity improvement targets in 2025 onwards. Mowi will maintain its strict FTE and productivity focus
- Natural turnover through retirement, reduced overtime, reduced contracted labour, automation





## Strong focus on cost containment and cost leadership

#### Postsmolt

- Less treatments
- Reduced mortality
- Better FCR
- Positive scale effects from higher volumes

## Mowi 4.0 Farming

- Improved FCR
- Lower health cost
- Other cost improvements

#### Cost Savings Programme

- Cost control
- Standardisation
- Reduce cost variation between entities
- Life cycle analyses
- Category management

## Productivity Programme on FTEs

- Continued strict FTE focus
- Realise further productivity improvements

#### Mowi 4.0 Sales & Marketing

- Efficiency
- Yield
- Automation
- Smart processing technology

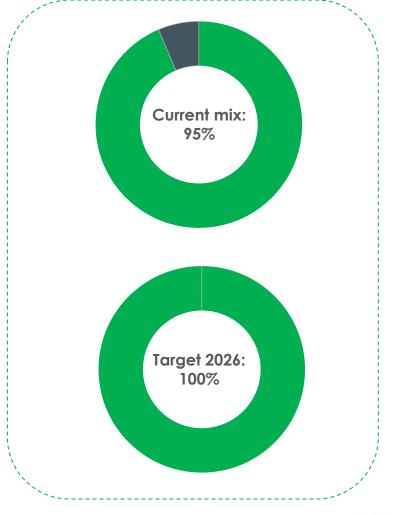
Cost improvement potential<sup>1)</sup> overall EUR 300-400 million



#### Overview of Mowi's financing – target 100% green financing

- Total committed financing of EUR 2,648 million ex Arctic Fish
  - Approx. EUR 940 million in cash and undrawn lines
- Comfortably compliant with equity covenant of 35%. No earnings covenant
- Bank Facility: EUR 2,000m sustainability-linked facility
  - 5-year facility (Maturity: September 2026)
  - Covenant: 35% equity ratio (adjusted for IFRS 16 leasing effects)
  - Accordion option: EUR 100m
  - Lenders: DNB, Nordea, ABN Amro, Rabobank, Danske Bank, SEB and Crédit Agricole
- Senior unsecured green bonds: EUR 298m
  - Tenor 5 & 8 years (Maturity: May 2029/2032)
  - EURIBOR + 1.19% (5-yr) / EURIBOR + 1.47% (8-yr)
- Senior unsecured green bond: EUR 200m
  - Tenor 5 years (Maturity: January 2025)
  - EURIBOR + 1.60%
- Senior unsecured Schuldschein Ioan: EUR 150m
  - Tenor 7 years (Maturity: May 2026)
  - EURIBOR + 1.70%
- Arctic Fish: EUR 170m senior secured facility
- Long-term NIBD target of EUR 1,700m

#### Share of sustainable funding







# MOWI®

### Sales & Marketing

Capital Markets Day 2024

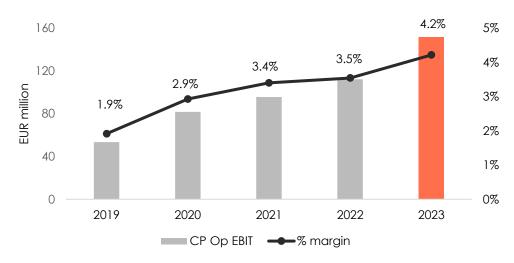
Ola Brattvoll
COO Sales & Marketing



#### **Mowi Sales & Marketing**

#### Business highlights

- Focus on creating customer value through
  - Product
  - Branding
  - Operational Excellence
- Putting the customer at the core of everything we do downstream
- Strong result improvement in Mowi Consumer Products



#### Geographical overview of assets

Secondary processing plants
Sales offices



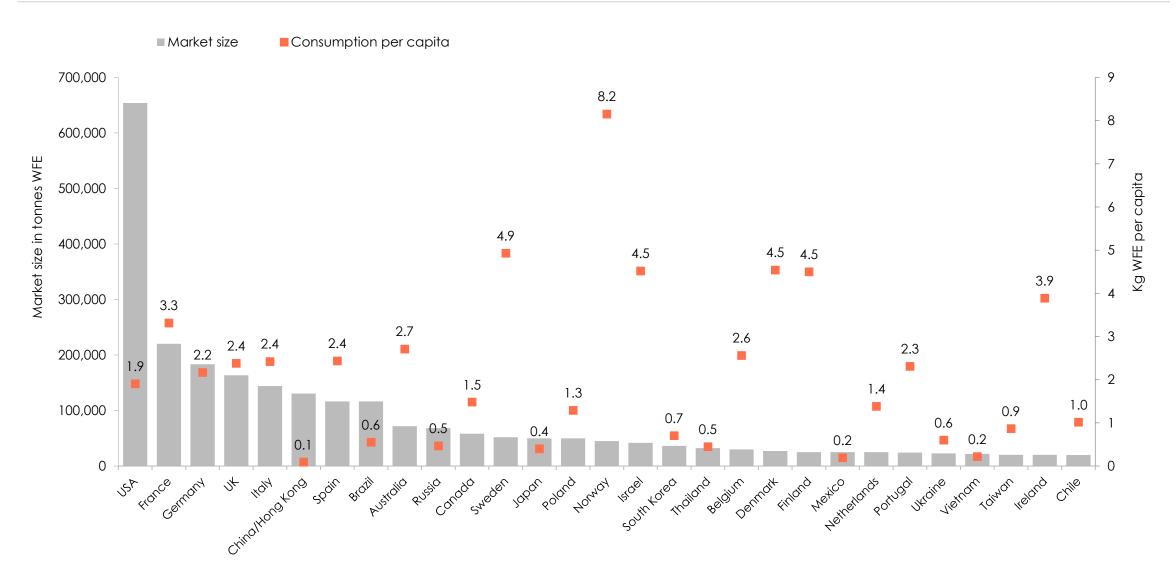


Salmon

The food icon of the 21<sup>st</sup> century



#### Significant growth potential in all markets





#### Mowi Sales & Marketing has a unique position in the salmon market

- Global processing and sales presence
  - Asia: 6 VAP factories, 7 sales offices
  - Europe: 11 VAP factories, 14 sales offices
  - Americas: 3 VAP factories, 5 sales offices
- Cost effective and market adopted foot-print
  - Strong cost performance
  - Integrated value chain
  - Global coverage & well invested facilities
- Global customer network
  - Product knowledge and innovation capacity
  - Category management
  - Branding





#### The mission of the MOWI brand: De-commoditising the salmon category

- More value for consumers
  - More choice
  - More innovation
  - Higher quality
- More value for customers
  - New shoppers
  - Higher shopping frequency
  - Higher basket value
- More value for Mowi
  - >30% price premium to private label
  - More shelf space for the category
  - New PL business with category management



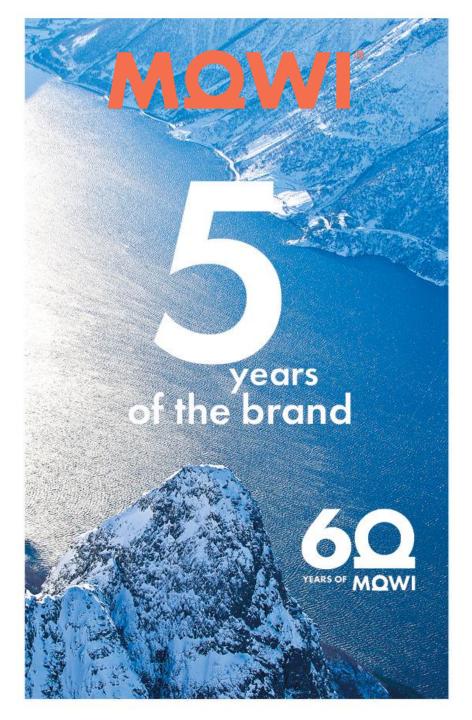




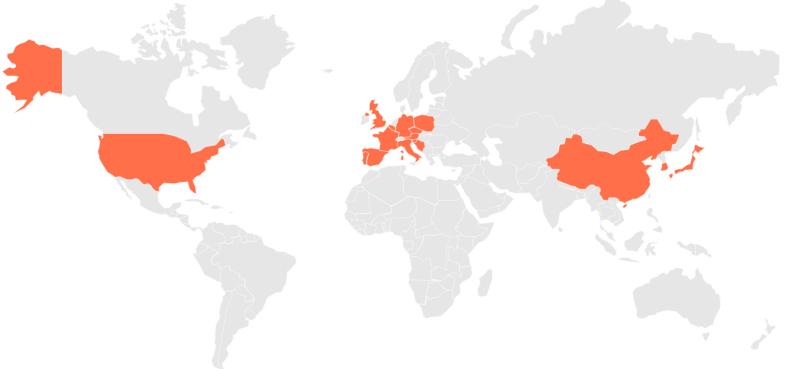
Social media and in store activities:

Engaging consumers and customers





# MOWI has become the world's largest global salmon brand in just 5 years



- The MOWI-brand launched in 2019
- Present in 16 markets
- OpEBIT break-even in 2024





#### Now available at Amazon Fresh

Amazon Fresh available exclusively to Prime members in select markets

#### Cost cutting, yield and efficiency improvements are pivotal for our business

#### Our Global Processing Excellence team is active in 32 factories in 18 countries

#### YIELD IMPROVEMENTS



#### **EFFICIENCY IMPROVEMENTS**



#### OTHER IMPROVEMENTS





#### Consumer Products: Achieved annualised savings of EUR 75 million from 2018

# ANNUALISED YIELD SAVINGS EUR 38 million

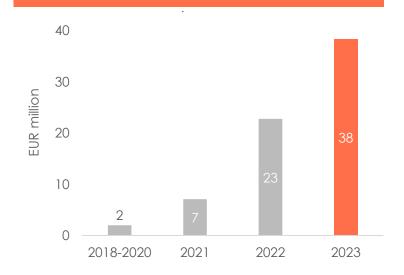
# ANNUALISED EFFICIENCY SAVINGS

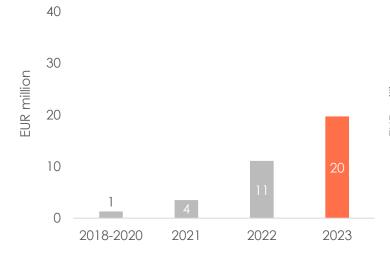
#### **EUR 20 million**

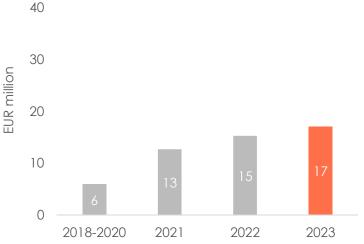
**FTE reductions** from productivity improvements and efficiency gains

| Year | Reduction |        |
|------|-----------|--------|
| 2020 | 516       | -5.5%  |
| 2021 | 1,302     | -13.9% |
| 2022 | 1,860     | -19.9% |
| 2023 | 2,272     | -24.3% |











#### Significant savings potential from introducing more technology (Mowi 4.0)

#### **YIELD**

Extension of super lines across all sites

Auto-allocation of Raw Material to the right factory and product

Vision Checking Systems and Scanners for Yield Monitoring

Integration of Mowi Insight Data across processing to Optimise the Value Chain

#### **EFFICIENCY**

Mowi Production System

Digital learning tool

Al and Vision solutions for Production Audit

Trimming Robots and Auto-Packaging

#### OTHER AREAS

Automation of low-value adding processes

Quality Camera Systems and Auto-Decisive Solutions

Implementation of Smart Grading
Solution

Mowi Smart Factory Strategy

We estimate in the next 5 years additional annualised savings of EUR >60 million



#### We will continue to add value

- Cost cutting
  - Global Processing Excellence Team
  - Digital technology
  - Automation
- Branding
  - Volume and EBIT growth
  - Stimulating salmon category growth
  - Significant long-term potential
- Growth in selected private label segments
  - Overall CP growth in line with Farming growth
  - US prepacked segment
  - Asian prepacked segment
  - European ready-to-eat segment



# AGAMI® Farming Norway

# MOW

# Farming Norway

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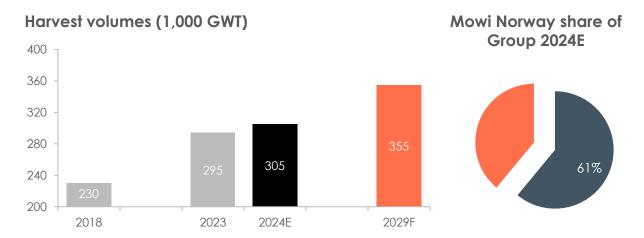
Øyvind Oaland COO Farming Norway & Iceland



#### **Farming Norway**

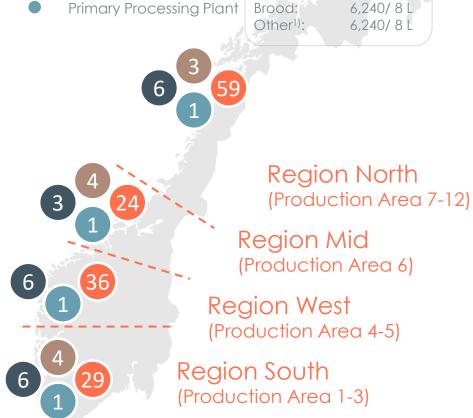
#### Business highlights

- Volume growth from 305k GWT to 355k GWT by 2029
  - Primarily by postsmolt
- Cost improvements
  - Postsmolt; increased productivity and improved biological metrics including survival rate
  - Smart Farming (Mowi 4.0)
  - Generic cost saving programme
  - Turnaround Region Mid
- Environmental licenses and M&A wildcard



#### Geographical overview of assets

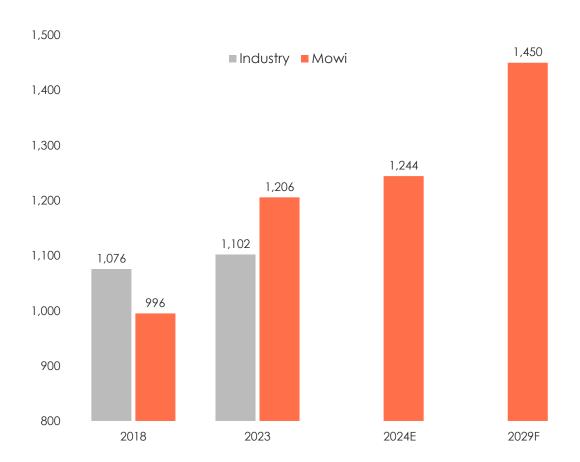






#### Further strengthen industry leading license utilisation by postsmolt

#### Harvest volume (GWT) per standard license (780 tonnes)<sup>1)</sup>



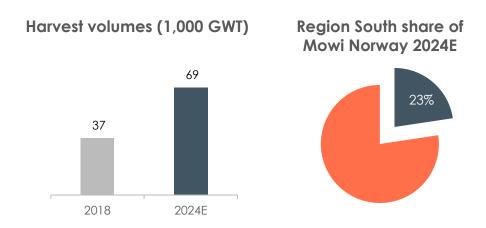




#### **Farming Norway South**

#### Business highlights

- Closed gap on license utilisation
  - >30k GWT and 85% volume increase from 2018.
  - Site restructuring and smolt stocking effects
- Continued growth through postsmolt strategy
  - Ficera postsmolt facility completed in Q4-2023
  - Closed containment integrated part of the postsmolt realisation
- Establishment of Remote Operations Centre at Hjelmeland/Ryfisk



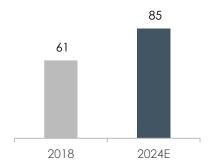
#### Geographical overview of assets **Licenses - MAB tonnes Broodstock Sites** Grow out $^{2)}$ : 43,119 Freshwater (smolt) Sites Seawater Sites Brood: 1,560 Other<sup>3)</sup>: 3,120 Primary Processing Plant PA

#### **Farming Norway West**

#### Business highlights

- Delivered on turn-around with >80k GWT established as new baseline
  - Strong performance in a challenging biological environment
- Further growth through our postsmolt strategy
  - Haukå postsmolt facility to be completed in Q4-2024
- Remote Operations Centre at Deknepollen delivering strong results
  - Model centre for ROC establishment in the other regions

#### Harvest volumes (1,000 GWT)



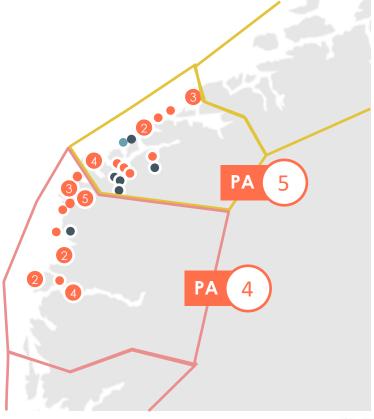
#### Region West share of Mowi Norway 2024E



#### Geographical overview of assets

Freshwater (smolt) Sites
Seawater Sites
Primary Processing Plant

**Licenses - MAB tonnes**Grow out: 49,546
Other<sup>1)</sup>: 780





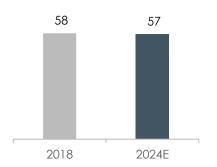
Page 57 Note: 1) Educational license

#### **Farming Norway Mid**

#### Business highlights

- Demerged, turnaround plan in progress
  - To improve biological performance and cost position
- Volume growth through postsmolt strategy
  - Nordheim postsmolt facility completed in Q4-2023, further expansion planned
- 100k GWT state-of-the-art processing facility at Jøsnøya opened in January 2024
  - Securing harvest capacity for both Mid and North
- Remote Operations Centre established at Jøsnøya

#### Harvest volumes (1,000 GWT)



#### Region Mid share of Mowi Norway 2024E



#### Geographical overview of assets

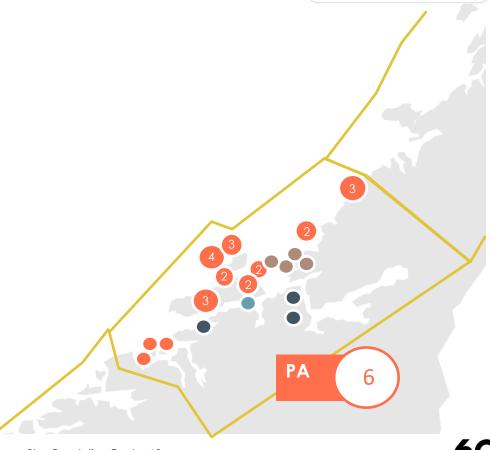
Broodstock Sites
Freshwater (smolt) Sites
Seawater Sites
Primary Processing Plant

 Licenses - MAB tonnes

 Grow out:
 32,307

 Brood:
 2,340

 Other³):
 2,340



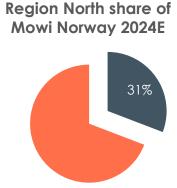


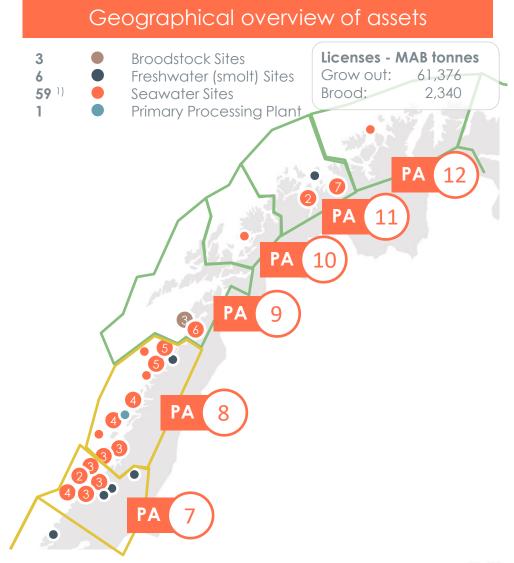
#### **Farming Norway North**

#### Business highlights

- Mowi's best performing farming region
  - Good cost control, site availability and biological conditions
- Maintain good growth and increase harvest volume
- Prioritised area for further growth good growth and favorable biological conditions
- Remote Operations Centre in Bodø

# Harvest volumes (1,000 GWT) Region No Mowi Not 75 2018 2024E







#### Postsmolt to give further organic growth and improve biological metrics

 Almost 30 million capacity or 50% postsmolt ratio in Norway, excluding Region North, by 2024

| Site     | Region | Postsmolt | Total smolt     |
|----------|--------|-----------|-----------------|
|          |        | tonnes    | capacity tonnes |
| Fjæra    | South  | 3,300     | 4,400           |
| Nordheim | Mid    | 4,100     | 6,200           |
| Haukå    | West   | 3,300     | 4,800           |
|          |        | 10,700    | 15,400          |

 In addition, postsmolt from two sites with closed containment systems







Haukå to be commissioned Q4-24



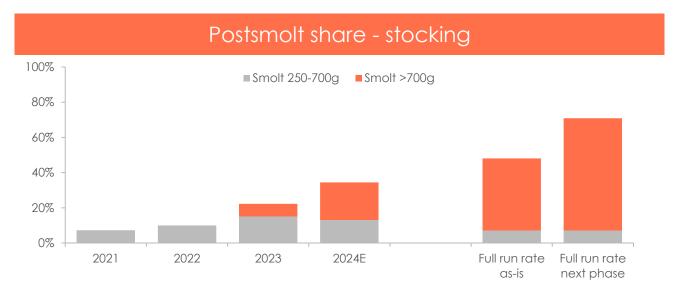
Closed containment system





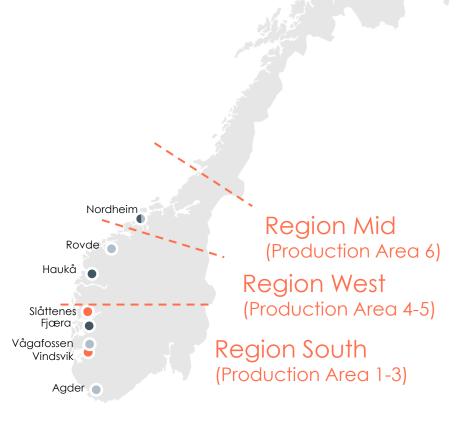
#### The next phase of our postsmolt strategy

- Next phase of the postsmolt strategy includes four postsmolt projects
  - Nordheim (Mid) Expansion of existing postsmolt site
  - Rovde (West) Green field project
  - Vågafossen (South) Expansion of existing RAS site
  - Agder (South) Full renovation
- Increases total postsmolt numbers by another 20 million
- Additional potential in Region North to be addressed



#### Postsmolt expansion plans Norway

- Existing postsmolt sites land
- Existing postsmolt sites sea (closed containment)
- Next phase postsmolt sites land





#### Postsmolt improves survival, welfare and productivity

- Optimising biological conditions and improving welfare are multifactorial - involves interrelated challenges and parallel approaches
  - Improving industry-wide biosecurity practices
  - Genetic selection for fish robustness and disease resistance
  - Reduce lice pressure and development of gentler lice treatment approaches
- Postsmolt improves survival, welfare and productivity through effects which are generic
  - Reduces time in sea
  - Reduces risk in sea
  - Reduces treatment need
  - Enables strategic stocking and adapting to biological risks
  - Increases site-capacity
  - Increases survival
- Where we do postsmolt, we believe we will manage to halve the cycle mortality

~ 200

Fewer production days in sea

~ 50%

Lower cycle mortality

~ 40%

Fewer treatments

+5%

Faster growth

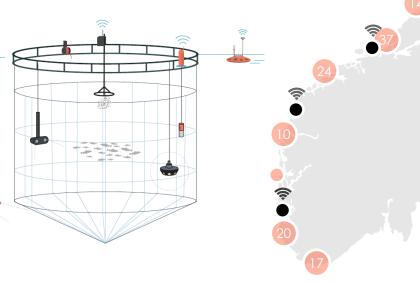
#### Mowi 4.0 - Smart Farming

- Giving the analogue world in sea a digital voice through the Smart Farming concept
- Real time monitoring of biomass, lice, growth performance and feed conversion
- Remote Operations Centres established in all regions
  - Feed conversion ratio (bFCR) improved by 10%
- Remote operating vehicles and drones for maintenance and surveillance
- Digital monitoring of fish health status, welfare indicators and environmental conditions in sea are coming
- Development of autonomous feeding application in progress
- Through Smart Farming we will improve performance metrics, enhance knowledge generation and improve biological understanding

Sea sites with sensor technologyPens with sensor technology







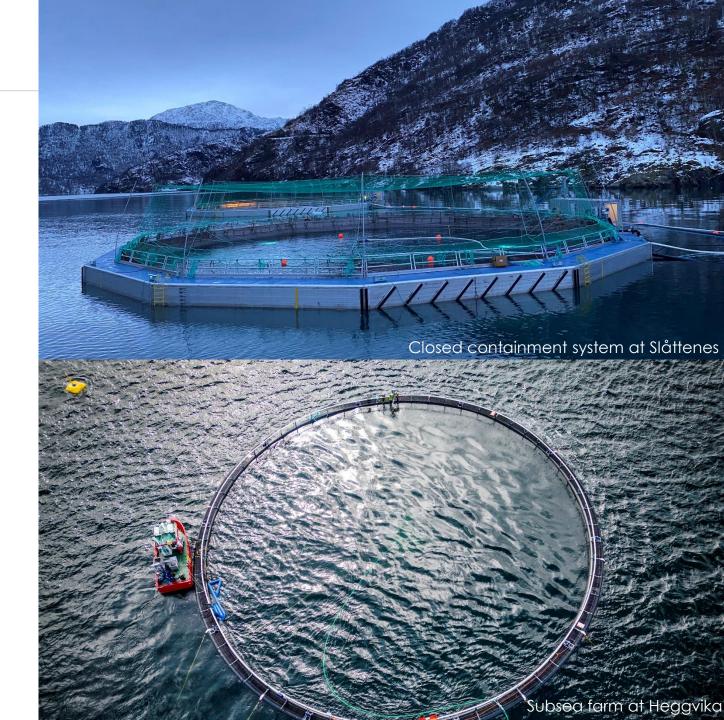




#### Mowi is technology neutral

Implementing technology which improves welfare, are cost-effective and scalable

- Closed containment
  - Vast experience since 2013
  - Viable alternative for postsmolt
  - Not yet proven technology for full cycle at scale
- Subsea farming
  - Further implementation is currently under review
  - Foundation for reduced lice-pressure through shielding technology and submerged farming from CAC
- Optical delousing
  - Laser in use on selected farms
- Smart Farming concept
  - Leverage big data through MowInsight for enhanced decision-making

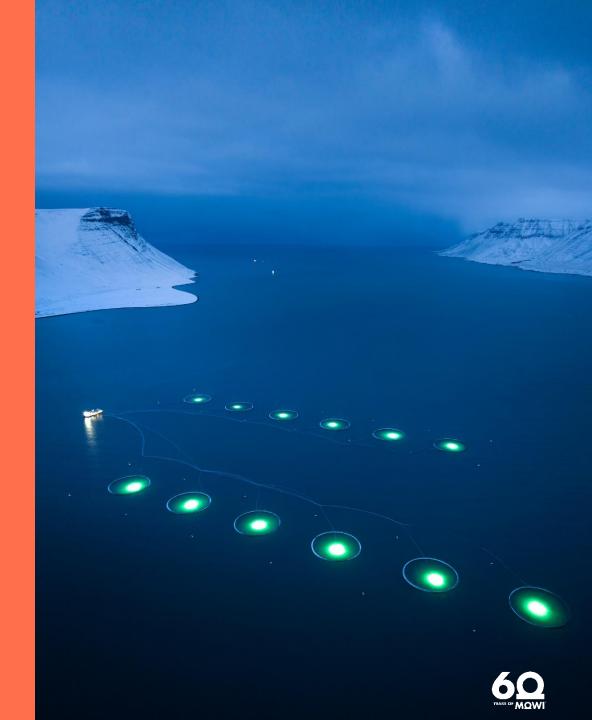


# MOW

# Farming Iceland (Arctic Fish)

Capital Markets Day 2024

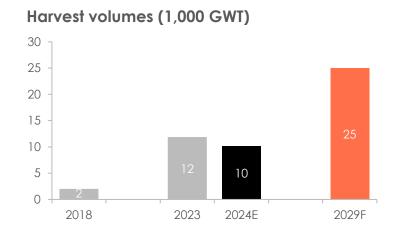
Øyvind Oaland Chairman Arctic Fish

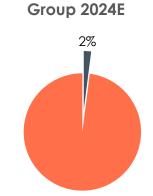


#### Farming Iceland (Arctic Fish)

#### Business highlights

- Realising volume growth and license utilisation
- Organic growth to 25k GWT by 2029
- Increased smolt stocking, new site establishments and improved license utilisation through stocking larger smolts
- Brand new processing plant reducing dependency on external harvest capacity and reducing harvesting and processing cost
- Establishing a healthy cost-level in line with Farming Faroes
- Feed supply and sales delivered by Mowi





Iceland share of

#### Geographical overview of assets

Broodstock Sites
Freshwater (smolt) Sites
Seawater Sites
Primary Processing Plant

Licenses - MAB(t)
Fertile salmon: 27,000
Trout: 2,800





#### Attractive and sustainable value chain

- Freshwater production
  - Modern and high capacity smolt facility with RAS technology
  - Good geothermic conditions
- Seawater production
  - Seawater sites strategically located in all fjords in the Westfjords
  - Production may be alternated to minimise biological risk
- Processing
  - State-of-the-art processing facility from 2024
  - Designed to fulfill the short- and long-term needs
  - Current capacity of 50,000 GWT





# MOW

# Farming Scotland

Capital Markets Day 2024

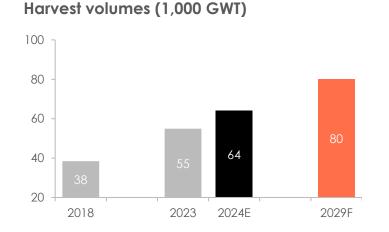
Ben Hadfield COO Farming Scotland, Faroes, Ireland and Canada East

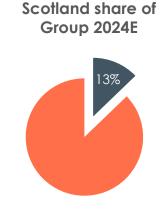


#### **Mowi Scotland**

#### Business highlights

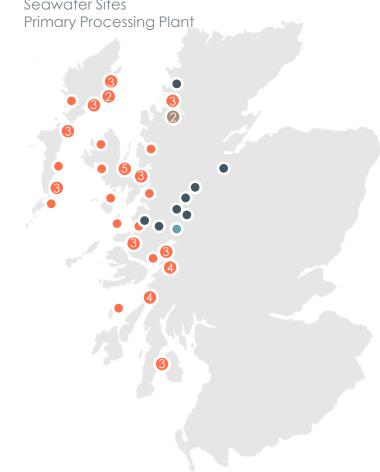
- Harvest volume capacity >80,000 GWT
- Postsmolt strategy to drive improvements in the years to come
- Mowi Broodstock at purpose built Ardessie hatchery from Q3 2025
- Successful integration of Wester Ross Salmon and Dawnfresh Ltd
- Cost initiative significant improvement in productivity with FTE reduction of 15% by end of 2024
- Processing automation secured >80k tonnes capacity
- UK's largest food exporter, subject to stable science-based regulation





#### Geographical overview of assets







# Biological turnaround of Scotland I: Postsmolt (Loch Etive) and Large Smolt (Loch Awe) >50% coverage

- Increasingly challenging environmental conditions call for more robust salmon and shorter production cycle
- Thus, acquired the Dawnfresh bankruptcy estate's trout sites in 2023 as a move into postsmolt farming
  - Loch Etive the largest brackish-water loch in Scotland and particularly well suited for postsmolt farming
- Postsmolt production commenced in February
- Annual postsmolt production of ~7 million (approx. 30% coverage)
- Application to convert trout to salmon smolt in Loch Awe - potentially 5 million large smolts (>50% postsmolt and large smolt coverage)
- Lower capital expenditure than a land-based postsmolt facility, shorter realisation time and lower running production cost



Loch Etive, Scotland



#### Biological turnaround of Scotland II: 100% self-sufficient for eggs

- Another important part of Mowi Scotland's biological turnaround plan is to become selfsufficient in eggs as restricted supply of poor-quality Ova is having a clear detrimental impact on much of the Scottish Industry
- Mowi nucleolus breeding individuals segregated in production
- Started construction of a brand new bespoke broodstock and egg facility at Ardessie, Northern Scotland
- Ensures Mowi Scotland will be 100% self-sufficient with ova (eggs) → better SW growth and survival rates
- To be completed in 2025 with annual production capacity of 40 million Mowi salmon eggs
- Creates strong ova supply base for Scotland and Ireland







Construction has commenced (above). Groundworks (below). Ardessie, Scotland.



#### Cost reduction and cost control

- Continuation of the fewer and larger pen strategy move from 120 metre pens to 160/200 metre pens has been ongoing since 2020 and is progressing (approx. 50% completed)
- Right-sizing ongoing with FTE reduction from 900 (post acquisitions) to 760 FTE
- Optimise well-boat and harvest vessel capacity
- Achieve cost savings on special feed types related to organic salmon and branded products







## Farming Faroes, Ireland and Canada East

Capital Markets Day 2024

Ben Hadfield COO Farming Scotland, Faroes, Ireland and Canada East

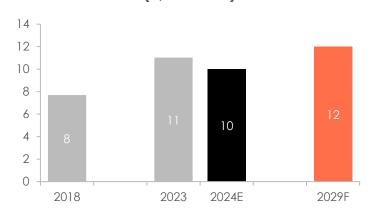


#### **Mowi Faroes**

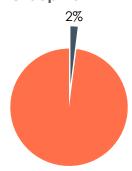
#### Business highlights

- Maintain and enhance high-quality, low production cost performance
- Small incremental production increases in exposed locations assist in cost dilution
- Evaluating postsmolt production from current 500 grams to 800 grams
- Incremental increase to harvest weight and yield per smolt
  - Further use of large smolts and postsmolts
  - Minor increases in MAB
  - Extensive use of passive grading at harvest
  - Effective cost control and good EBIT/kg based on excellent biology and low mortality
  - High harvest weights and exceptional colour of Faroese Salmon

#### Harvest volumes (1,000 GWT)



#### Faroes share of Group 2024E



#### Geographical overview of assets

Freshwater (smolt) Sites

Seawater Sites

Primary Processing Plant



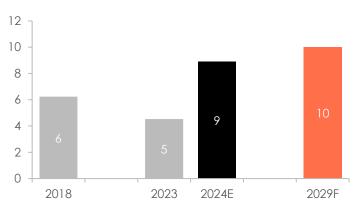


#### **Mowi Ireland**

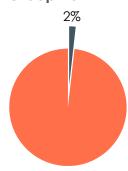
#### Business highlights

- High demand for premium Irish Organic Salmon continues
  - Focus on quality and exceptional customer service
  - Improved cost focus and rebuilding of farming volumes
- Capacity of 10,000 GWT
  - Positive signals from new government and authority updating regulatory framework
  - Re-submission of new site applications and continuous work to secure additional sites
- Synergies with Scotland
  - Cleaner fish
  - Treatment resources and freshwater well boat
  - Equipment transfer and 120-metre 'Enviro-net Programme'
  - Leading producer of high-quality Ova

#### Harvest volumes (1,000 GWT)



#### Ireland share of Group 2024E



#### Geographical overview of assets



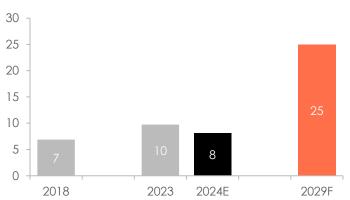


#### **Mowi Canada East**

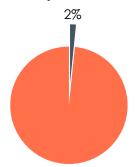
#### Business highlights

- Our third year of stable and improving biology, low sea lice levels, decreasing ISA prevalence and high average harvest weights
- Native regional strain broodstock, isolated from ambient environment at ground water hatchery to eradicate HPRO. Secure broodstock ova from 2024 entering sea in 2025
- Business fully right-sized and full cost reduction taking good effect
- 2025 expected harvest around 15k GWT
- Steady biomass and harvest build to 25k GWT
- Experience transfer from Scotland in all areas of farming
- New site licenses issued exceeding 17k tonnes MAB and full EIA to be submitted for smolt locations in 2025

#### Harvest volumes (1,000 GWT)



#### Canada East share of Group 2024E



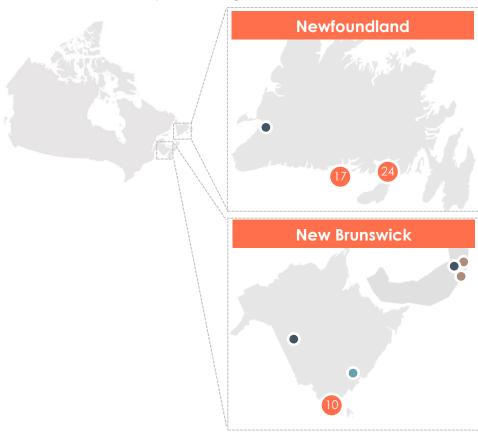
#### Geographical overview of assets

2 Broodstock Sites

Freshwater (smolt) Sites

51 Seawater Sites

Primary Processing Plant







## MOW

# Farming Chile and Canada West

Capital Markets Day 2024

Fernando Villarroel COO Farming Chile/Canada West



#### **Mowi Chile**

#### Business highlights

- Strategy continues to focus on organic growth within current regulatory framework
- 5% annual volume growth; using dormant licenses by a 3<sup>rd</sup> party producer to help increasing our own baseline stocking numbers
- Focus on efficient production and low cost
- Competitive biological indicators and fish welfare
- Rapid technological advance

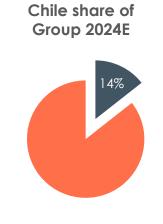
Harvest volumes (1,000 GWT)

# 100 - 80 - 60 - 40 - 53 69 72

2023

2024E

2029F

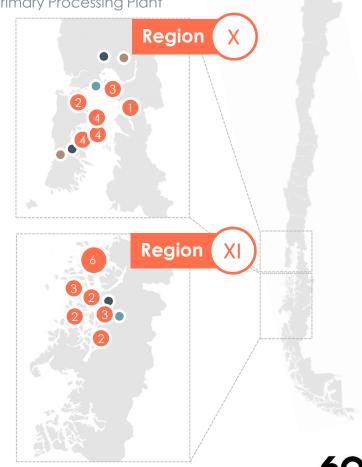


#### Geographical overview of assets

Broodstock/ Genetic SitesFreshwater (smolt) SitesSeawater Sites

Primary Processing Plant

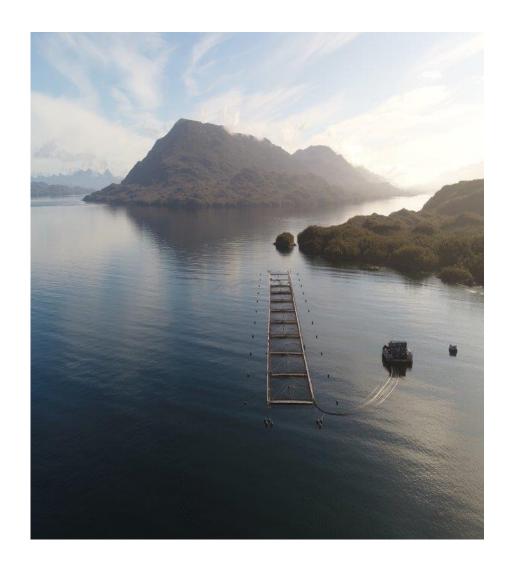
36



2018

#### Organic growth within existing regulatory framework

- Organic growth
  - Harvest increased by 20,000 GWT from 2018 and plans to add >20,000 GWT by 2029
  - Steady and sustained organic growth has been achieved at considerably lower cost than acquiring capacity
- Regulatory framework for growth
  - Regulatory regime in Chile uses future smolt stocking, to control industry's sanitary situation
  - "Traffic Light System" defines future growth
  - Additional growth through "density rule"
- Maximise smolt stocking within current regulatory regime
  - A third party produces under "density rule" and transfers to Mowi
     Chile the rights to increase our baseline stocking numbers
  - Mowi has unused license capacity, and is using the ones with the best conditions in terms of MAB and location





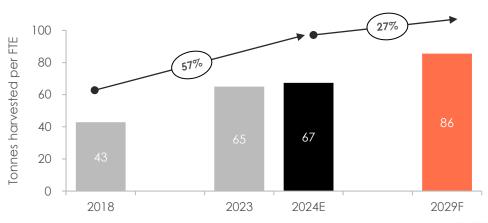
#### Focus on efficient production and low cost

- Efficient production through value chain
  - The lowest cost producer compared with peers in Chile
  - Larger and fewer sites for economies of scale
  - Use of large well-boats for fish movement and FW treatments
  - Lowest feed cost in the group due to raw material use flexibility
- Significant productivity improvements
  - Productivity improvement of almost 60% since 2018
  - Increased use of technology and automation of labour-intensive activities – particularly in processing
  - Remote Feeding Operation and use of AI supporting such activities aligned with Smart-Farming
- High focus on cost control
  - Cost-saving initiatives of close to USD 20 million since initiative started
  - OPEX reduction through operational optimisation and procurement
  - Smolt cost remains high, but investments in key structural issues have improved survival in early stages



Mowi Chile processing plant, Chacabuco

#### Productivity increase by 57% since 2018 (Tonnes harvested per FTE)





#### Competitive biology and welfare

#### Survival

- Survival rate amongst the best in the industry
- Use of data science for decision making and own lab for testing
- Improving fish robustness through new available nutritional concepts
- Mowi's Genetics programme
  - Dissemination family programme, using genomic selection to speed up gains
  - Focused on maximising growth, disease resistance and fish quality
- Animal Welfare
  - Operational Welfare Indicators (OWIs) implemented
  - In trials, non-lethal method for pathogen testing
  - Mitigation systems for environmental stressor implemented on all sites







#### **Advancing toward Mowi 4.0**

#### Feeding

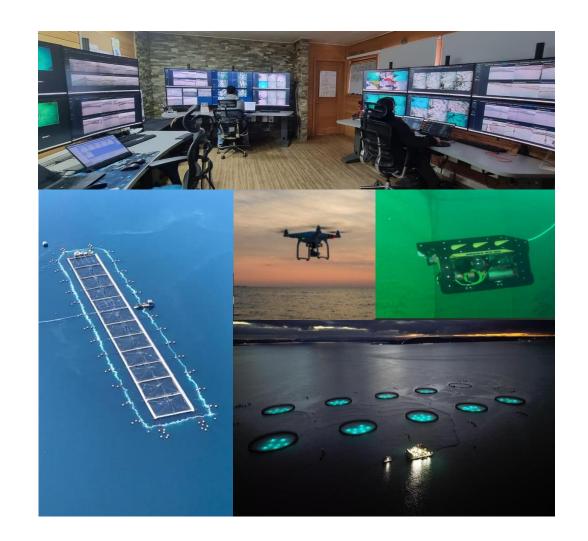
- Remote Operations Centre for centralised feeding
- Multipurpose cameras for feeding and biomass estimation
- Photoperiod (LED) manipulation for growth
- Use of AI for pellet recognition and fish feeding behaviour

#### Environmental

- Use of drones for aerial monitoring of algae
- Extensive use of bubble curtains and diffuser for algae bloom mitigation
- Use of AI for phytoplankton image recognitions

#### Operational

- Use of ROV for net repairs, anchor lines cleaning
- Use of BOTs for repetitive administrative functions





#### **Mowi Canada West**

#### Business highlights

- In June 2024 the Government of Canada announced a new 5-year licensing period to 30 June 2029
- A new policy was also announced to move away from traditional marine salmon farms and to move into closedcontainment systems or onto land
- Harvest volumes of 20,000 GWT per year for the next 4 years in British Columbia
- A strategic review is ongoing for this operation
- The decision does not affect Mowi Canada East

#### Geographical overview of assets

Broodstock Sites
Freshwater (smolt) Sites
Seawater Sites
Primary Processing Plant





## MOWI®

### Feed

Capital Markets Day 2024

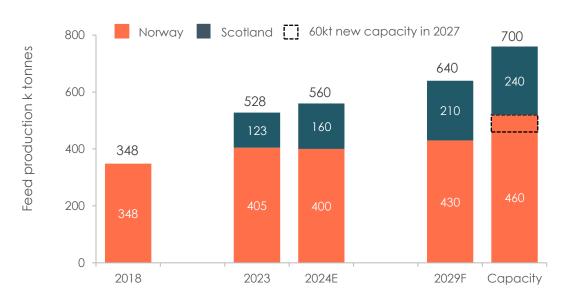
Atle Kvist COO Feed





#### Mowi Feed to continue to grow in line with farming volumes

- Efficient, high-performance feed, low and competitive cost
- Sourcing sustainable feed raw materials
- Develop new sustainable feed ingredients
- With a smaller investment increase production capacity in Norway with 60,000 tonnes



#### Geographical overview of assets





#### An impressive development from 2019

- >20% productivity improvement: FTEs down 10%, and volume up more than 10%
- Mowi's farming operations were ~95% supplied with Mowi's own feed in 2023
- Excellent feed performance

#### Valsneset – opened 2014



- Premium coastal location, deep-water access
- Seawater and some freshwater feed to our farming operations in Norway and the Faroes
- Production record in 2023 of 405k tonnes



#### Kyleakin – opened 2019



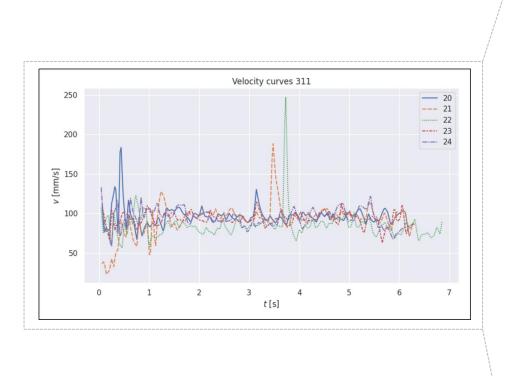
- Premium coastal location, deep-water access
- Freshwater, seawater and organic feed to our farming operations in Scotland, Ireland, Iceland and Norway

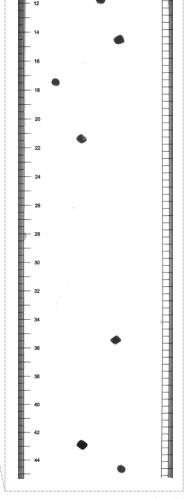




#### **MQWI**<sup>4</sup>.0 Smart Operations in Mowi Feed

- Productivity increased through Smart Operations
  - Drives change through entire value chain
- Reduces manufacturing and supply chain costs
- Enhances sustainability
  - Improved energy efficiency & raw material utilisation
- Quality tool development sinking speed optimisation





Sinking speed



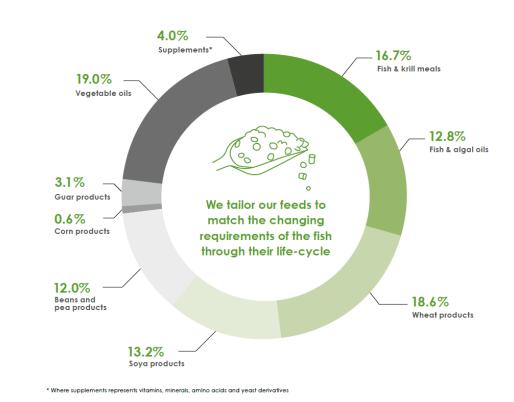
#### Feed tailored to match life-cycle needs of the fish

- Our guiding principle:
  - Every single pellet must deliver 100% of what the fish needs, every day
- Our job:
  - Widest available spectrum of raw materials
- Continued investment in feed R&D
- Feed formulas and feeding skills make us a net producer of fish



Our feed is good for the fish and good for the environment

#### Salmon feed What's in it?













#### Sustainability

#### Environmental impact (base 2019)

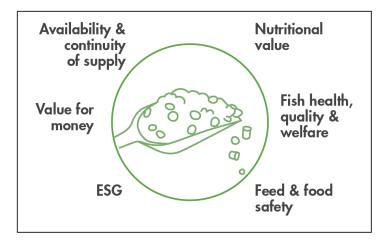
- Greenhouse gas emissions
  - Scopes 1&2 reduction 51%
  - Scope 3 reduction 28%
- FLAG (Forest, Land & Agriculture)
  - Reduction 33%

#### New feed raw materials

- Target: 10 -15% inclusion by 2030
  - 4% inclusion in 2023

#### Global Supplier Engagement tools (fully rolled out)

 Running Environmental, Social and Governance due diligence of the feed supply chain







#### Mowi's policy on sourcing sustainable raw feed materials



#### Traceability

All ingredients used in salmon feed shall have a traceability system in place.



#### Marine raw materials

Our marine raw materials processed from whole fish will be sourced from suppliers who adhere to responsible fishery management practices and that are certified as sustainable (MSC, Marine Trust standard or similar) or part of Fisheries Improvement Projects (FIPs). Marine raw materials shall not originate from IUU catch or IUCN red listed fish species classified as

endangered.



#### Vegetable raw materials

We support efforts to increase purchases of sustainably sourced vegetable raw materials. The soy used in our feed is 100% deforestation-free.



#### Modern slavery

Mowi has a zero-tolerance approach to modern slavery and human trafficking. Feed raw material suppliers shall have in place due dilligence controls to prevent modern slavery from occuring in their own operations and supply chains.



#### Certification

As a minimum, feed suppliers should be GLOBAL GAP certified by an accredited certification body (CB).

IUCN = International Union for the Conservation of Nature

IUU = Illegal, Unregulated and Unreported



## MOW

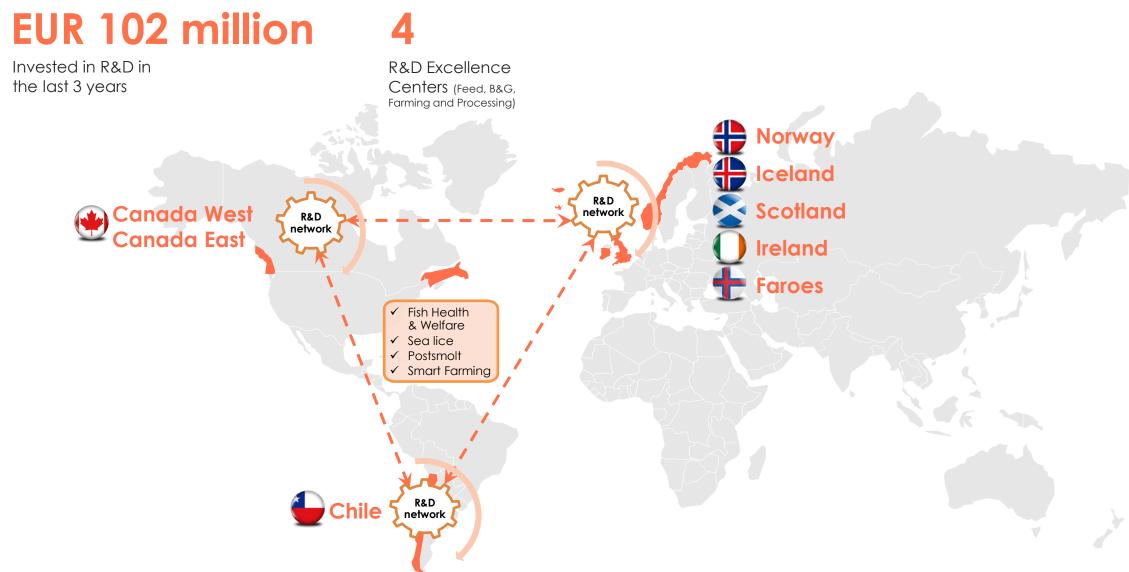
## R&D and ESG

Capital Markets Day 2024

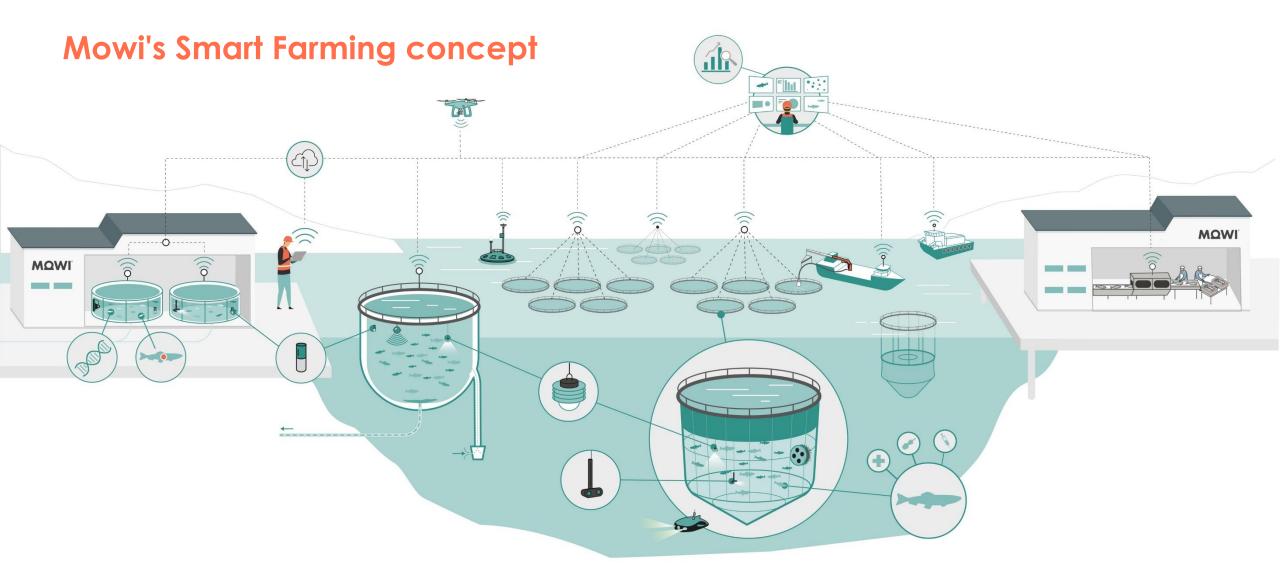
Catarina Martins
CTO and CSO



#### Mowi with extensive R&D experience for 20 years







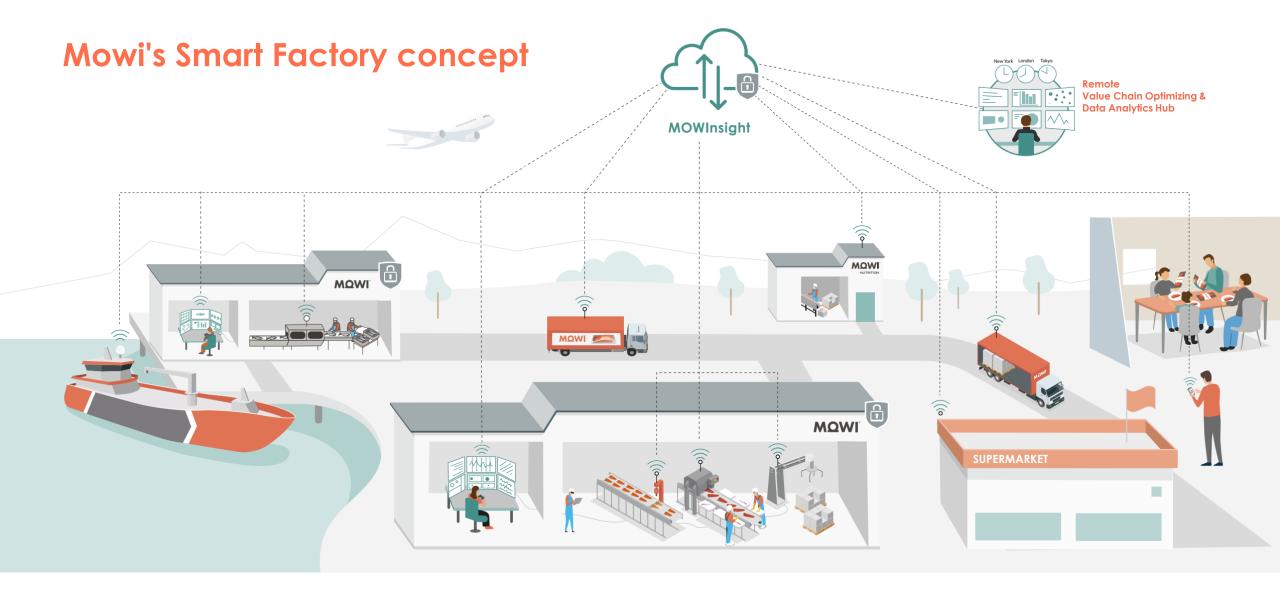
FRESHWATER PRODUCTION

CLOSED CONTAINMENT SYSTEMS

**SEAWATER PRODUCTION** 

**PROCESSING** 





PRIMARY PROCESSING

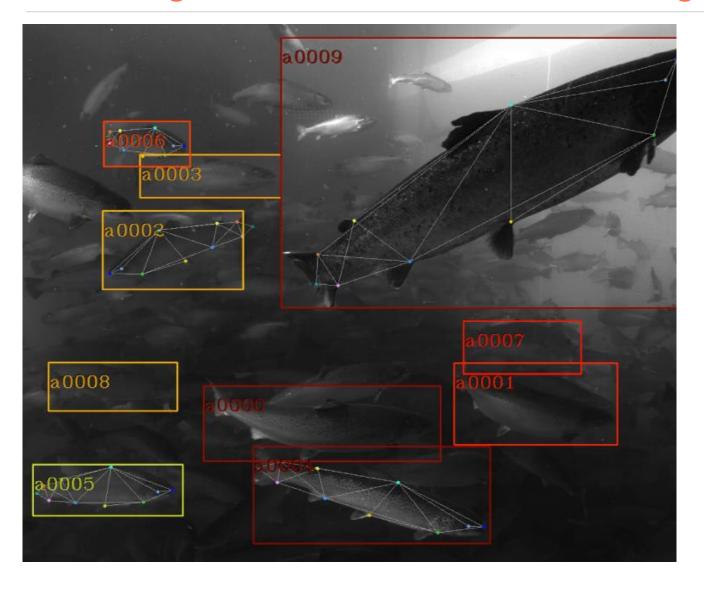
**TRADING** 

**SECONDARY PROCESSING** 

SALES & DISTRIBUTION MARKETING & BRANDING



#### Mowi's digital real-time biomass monitoring



- 200
   Deployed next-generation underwater cameras
- All-in-one solution
  Biomass, lice count, OWI,
  autonomous feeding
- Real-time
   Biomass estimate and growth trajectory



#### Mowi is optimising timing of treatments with real-time lice counts



- Automatic lice counting
   Stress-free
- EarlyPlanning and intervention



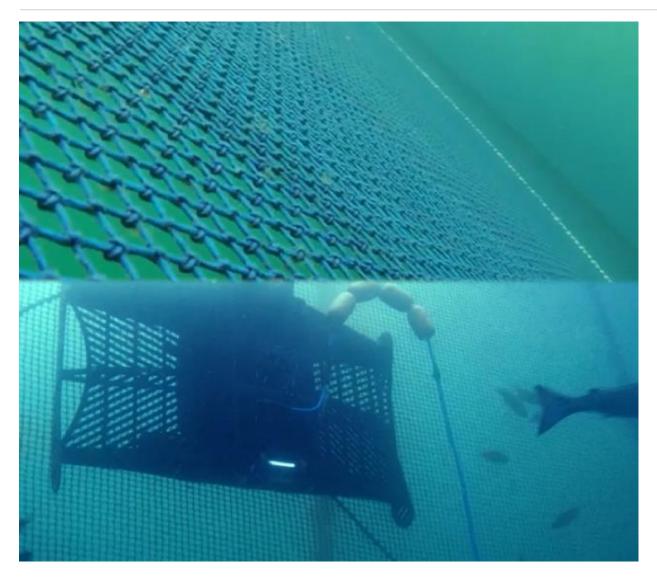
#### Mowi's autonomous feeding for better FCR and growth



- Autonomous-feeding
  Based on pellet detection and behavioral cues
- Remote Operation Centers
   Optimised feeding
- Exception-based
   management
   Focus where it matters
   Expedite pen-level decisions



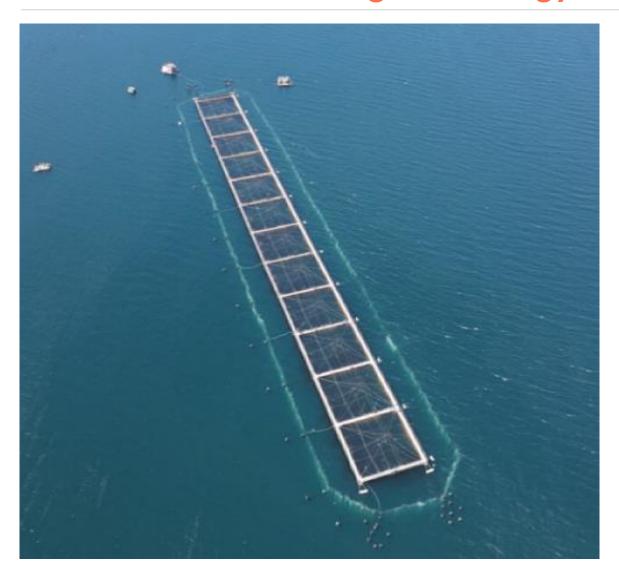
#### Mowi is keeping nets cleaned with innovative robotic technology



- >70 units
   of robotic cleaning devices in
   Norway
- Improved fish welfare
  from high-pressure cleaning of
  nets to gentle and continuous
  cleaning
- Net monitoring in operation



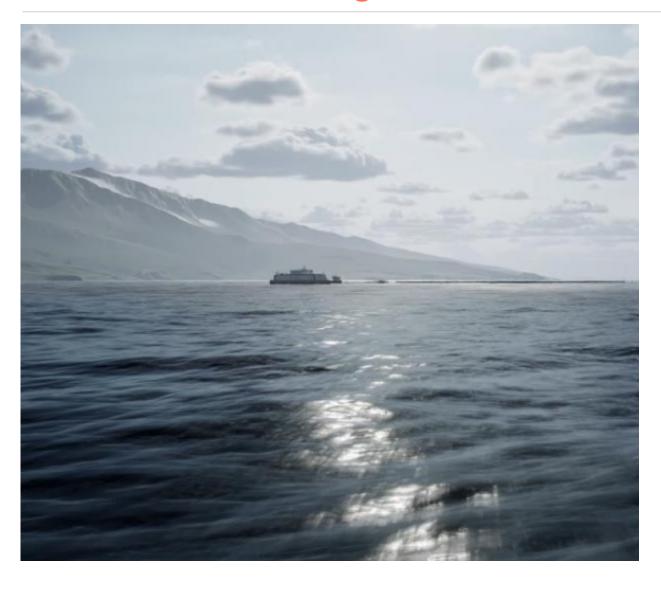
## Mowi is adapting to climate change by using drones, AI-based plankton detection and shielding technology



- 100%
   Implementation of mitigation systems in Chile and Canada West
- Drones
   For surveillance of Harmful Algae
   Blooms and Jellyfish
- Automatic water sampling & Albased plankton monitoring
- Digital alerts



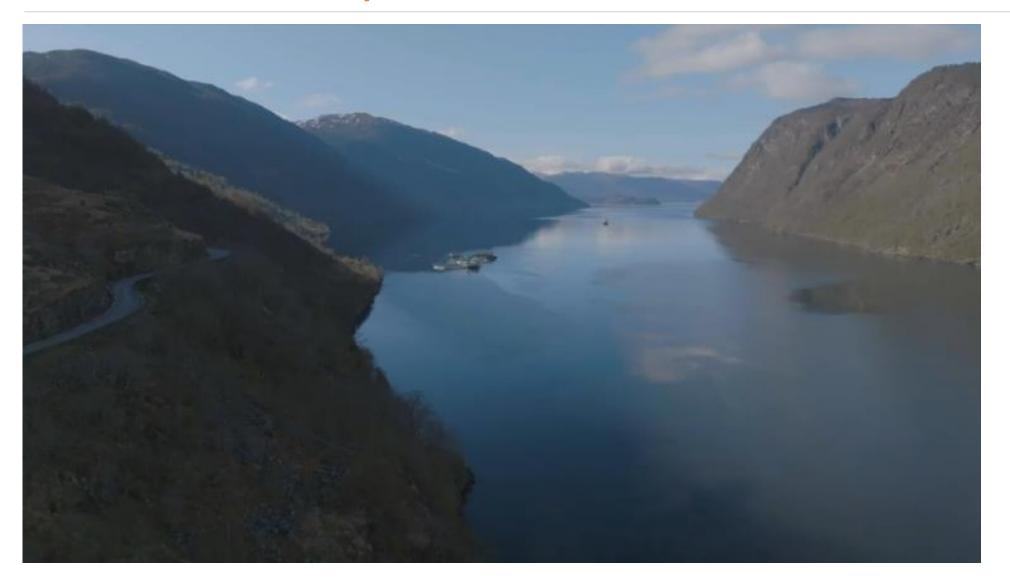
#### Mowi's subsea farming for lice control



- Sea lice reduction
   Subsea farming away from lice exposure
- Advanced Monitoring
   Underwater cameras and sensors
- Stable temperatures
   Submerged to ~25-30m
- Water Feeding

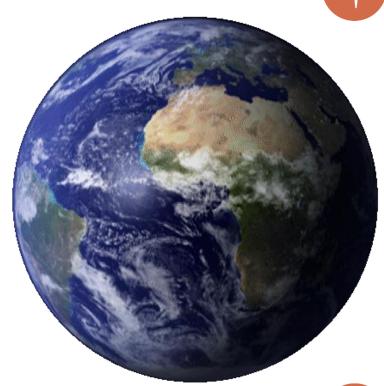


#### Closed containment system in sea





#### Producing food from the ocean makes sense



#### Health

Farmed salmon is a super food helping fight malnutrition



#### Climate change

Farmed salmon has lower GHG emissions compared to land animal proteins



#### Land use

More food from the ocean, frees up land for schools, hospitals and accommodation



#### Fresh water

Salmon is farmed in areas with no water scarcity & uses less water than land animals



#### **Communities**

Producing food from the ocean allows employment in small coastal communities



## And further develop our position as one of the world's most sustainable animal protein producer

| Rating agencies                                | About the rating  | Score (1)       |
|--|---|-----------------|
| FAIRR<br>A COLLER INITIATIVE                   | Mowi ranked as the most sustainable animal protein producer in the world (amongst the largest 60 animal protein producers in the world) for five consecutive years      | lst             |
| WORLD'S MOST SUSTAINABLE COMPANIES SAURTE 2024 | TIME Magazine, in partnership with Statista,<br>named Mowi in its list of the World's 500 Most<br>Sustainable Companies for 2024  | Y               |
| DISCLOSURE INSIGHT ACTION                      | Mowi recognised as a global leader in climate action  | A-              |
|  | Supplier Engagement Rating  | A               |
| MSCI   | ESG Rating, designed to measure a company's resilience to long-term, industry material environmental, social and governance (ESG) risks. Mowi is in the Leader category | AA              |
| SUSTAINALYTICS                                 | ESG Rating, assessing financially material<br>Environmental, Social and Governance<br>(ESG) data  | Medium-<br>Risk |

#### Salmon is the most sustainable animal protein alternative

| Protein retention                                      | 28%                 | 37%    | 21%     | 13%     |
|--|---------------------|--------|---------|---------|
| Feed conversion ratio                                  | 1.3                 | 1.9    | 3.9     | 8.0     |
| Edible meat per 100 kg feed                            | 56 kg               | 39 kg  | 19 kg   | 7 kg    |
| Carbon footprint (kg CO <sub>2</sub> / kg edible meat) | 5.1 kg              | 8.4 kg | 12.2 kg | 39.0 kg |
| Water consumption (litre / kg edible meat)             | 2,000 <sup>2)</sup> | 4,300  | 6,000   | 15,400  |



«Blue foods on average have much greater nutritional benefits than terrestrial foods. Many blue foods also have a smaller environmental footprint.»

«Farmed salmon…performed similarly or better than chicken – often considered the most efficient terrestrial animal across the considered environmental stressors.»

Quotes from BFA documents



#### Mowi's sustainability strategy is walking the talk

36%

GHG scope 1+2 reduction vs 2019; scope 3 with 4% reduction vs 2019

99%

of harvest volumes are certified sustainable



95%

of our marine sites with minimum seabed impact



100%

compliant with sustainable sourcing feed policy



82%

of plastic packaging recyclable, reused or compostable



95%

of waste at processing plants not sent to landfill



<1



Fish in, fish out (FIFO), salmon is a net protein producer



of freshwater use is from areas of medium-high water scarcity



Inclusion of emerging feed raw materials



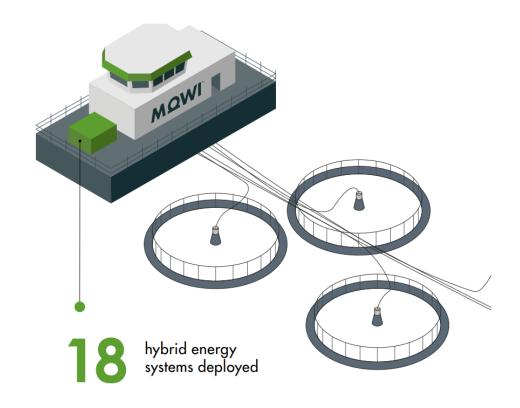


#### Mowi's climate targets are aligned with 1.5° C



DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

- reduce absolute Scope 1 and 2 GHG emissions 51% by 2030 from a 2019 base year. Mowi ASA also commits to reduce absolute Scope 3 GHG emissions 28% by 2030 from a 2019 base year
- reduce absolute Scope 3 FLAG (Forest, Land & Agriculture) GHG emissions 33% by 2030 from a 2019 base year

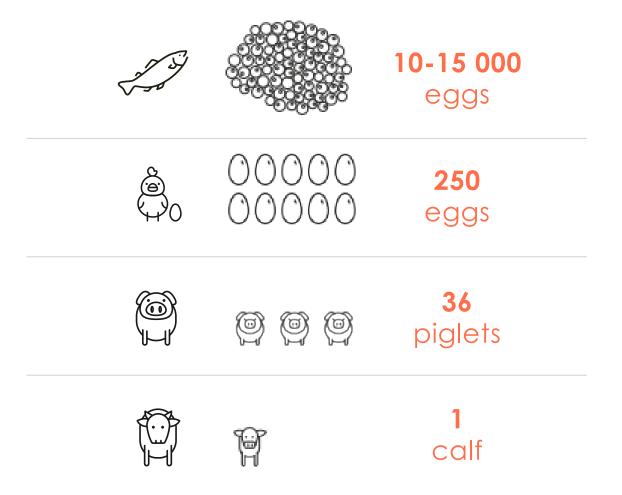


million liters of diesel saved

**3 486** tons of CO<sub>2</sub>e saved



#### Salmon and land farmed animals have different reproductive strategies



#### **External Fertilisation**

- R-strategists
- higher number of reproductive cells
- lower survival rates
- more influenced by environmental conditions

#### **Internal Fertilisation**

- K-strategists
  - lower number of reproductive cells
  - higher survival rates
  - less influenced by environmental conditions

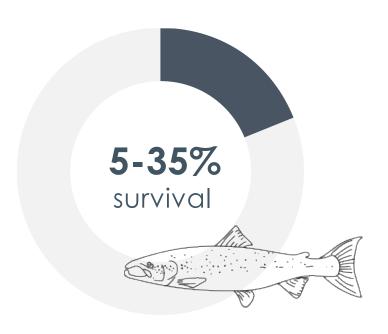


#### Farmed salmon have much higher survival rates than wild salmon

#### Farmed Atlantic salmon

# 82-87% survival (Directorate of Fisheries)

#### Wild Atlantic salmon

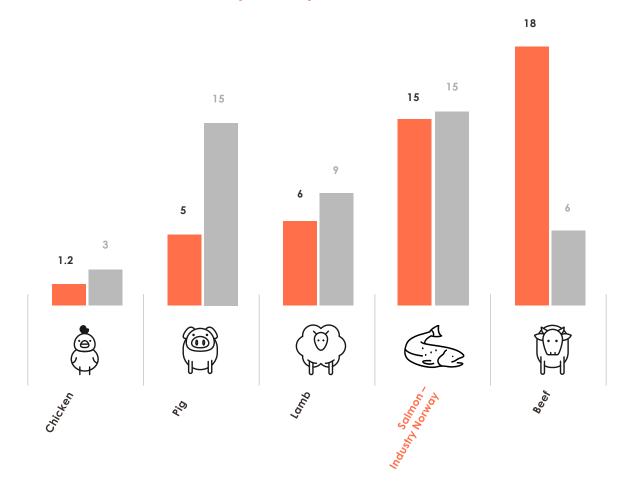


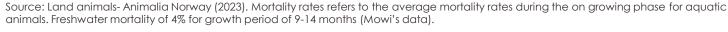
(Charput, 2012)



## Atlantic salmon production time is significantly longer than for most land farmed animals, and mortality rates are therefore naturally higher...

#### AVERAGE PRODUCTION TIME (MONTHS) AVERAGE PRODUCTION CYCLE MORTALITY (%)

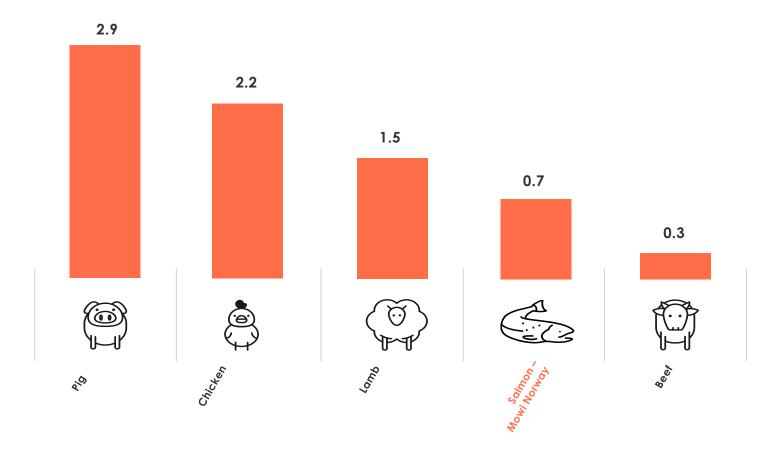






## ...however, monthly mortality rates for farmed salmon are significantly lower than for the majority of land animal proteins

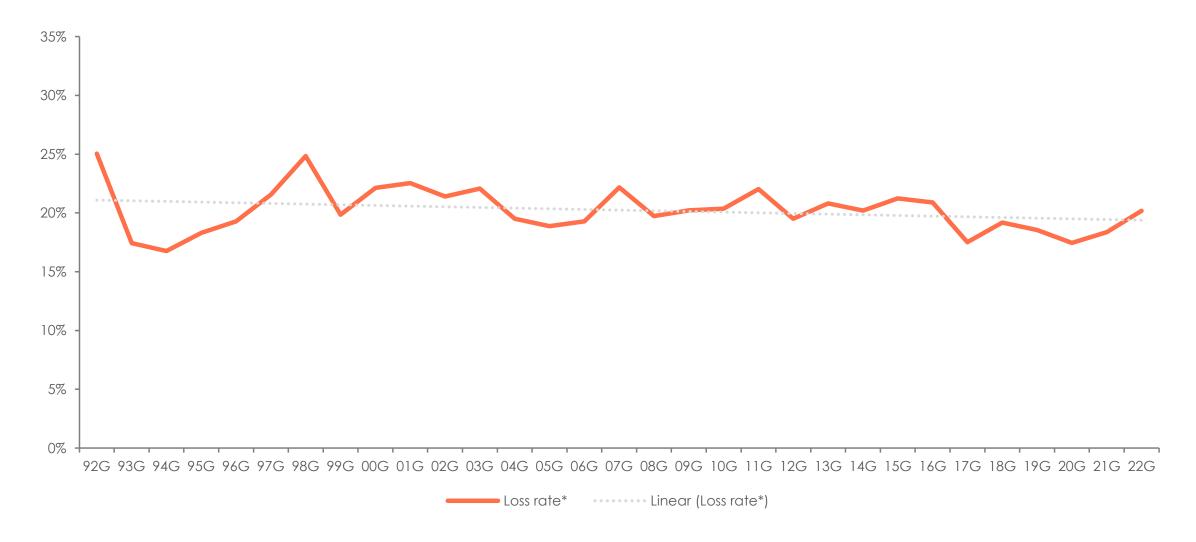
#### **MONTHLY MORTALITY (%)**



Source: Animalia (2023) and Mowi's own data; complete production cycle (freshwater + seawater)



#### Mortality rates for Atlantic Salmon relatively stable over the past 30 years





## Our strategic programmes of *Postsmolt* and *Smart Farming* are improving biological metrics and will improve fish survival and welfare



#### Postsmolt strategy

Reduce the time spent in sea by up to six months, substantially improving biological KPIs



#### **Smart Farming**

Unprecedented visibility and control underwater



#### Vaccination

100% vaccination; only approved veterinary medicines are used; no prophylactic use of antibiotics



#### Optimal feed and feeding

Ensuring optimal feed and feeding procedures



#### Fish behaviour

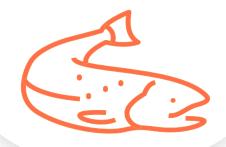
Use of underwater cameras for behavior observations



#### Handling and transport

Gentle handling and transport following best practices

## Ensuring good fish welfare



#### **Training**

100% trained staff; dedicated fish health and welfare team



#### Stunning and slaughter

100% percussive stunning; trained staff



#### Certification

100% certified with either ASC, BAP or Global GAP, all addressing animal welfare



#### Supply chain

Relevant suppliers required to follow fish welfare standards; included in Code of Conduct



#### Reporting

Operational Welfare Indicators monitored and reported publicly



#### R&D

Continuous improving on testing and verifying new farming, technological and health solutions



## MOWI®

## Summary

Capital Markets Day 2024

Ivan Vindheim CEO



#### **Summary Capital Markets Day**

- Organic growth from 500k GWT in 2024 to 600k GWT in 2029 and topline growth of 7-8% p.a. (CAGR) to EUR 8.5 billion in operating revenues
  - Main focus fjord-based farming and related technology
  - However, monitoring developments in other production forms
- M&A when an operational and strategic fit, as well as accretive
- Maintain cost leadership focus
  - Untapped cost potential of EUR 300-400 million
- Improved biological metrics and sustainability credentials
- Grow downstream and feed organically with Mowi Farming
- Continue to de-commoditise the salmon category through our MOWI branding strategy
- Continuation of Mowi 4.0 Transforming the value chain and increasing efficiency through digitalisation and automation



## MOW

## **Q&A** session

Capital Markets Day 2024

