



# The Chilean opportunity

Capital markets day | August 2019

# Agenda

|               |                                                                              |                                                                                                                                                                                                                                                              |
|---------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 09:00 | Breakfast and registration                                                   |                                                                                                                                                                                                                                                              |
| 09:00 – 09:10 | Welcome address                                                              | Ricardo Garcia, Vice Chairman                                                                                                                                                                                                                                |
| 09:10 – 09:30 | Norway & Chile, 100 years relations, salmon farming and the oceans           | Waldemar Coutts, Chilean Ambassador to Norway                                                                                                                                                                                                                |
| 09:30 – 10:00 | The Chilean Opportunity                                                      | Ricardo Garcia, Vice Chairman                                                                                                                                                                                                                                |
| 10:00 – 10:40 | Panel discussion<br>Norwegian investment bank seafood equity analysts        | <ul style="list-style-type: none"><li>• Carl-Emil Johannessen (Pareto Securities)</li><li>• Alexander Aukner (DNB Markets)</li><li>• Kolbjørn Giskeødegård (Nordea Markets)</li><li>• Moderator: Tore Valderhaug, Board Member Salmenes Camanchaca</li></ul> |
| 10:40 – 10:50 | Coffee break                                                                 |                                                                                                                                                                                                                                                              |
| 10:50 – 11:20 | Operational efficiency and biological control throughout the value chain     | Manuel Arriagada, CEO                                                                                                                                                                                                                                        |
| 11:20 – 11:40 | Sustainable and transparent salmon farming                                   | Alfredo Tello, Sustainability Manager                                                                                                                                                                                                                        |
| 11:40 – 12:20 | Panel discussion<br>Strategic business partners in feed, genetics and pharma | <ul style="list-style-type: none"><li>• Therese Log Bergjord (CEO Skretting)</li><li>• Morten Nordstad (CEO Pharmaq)</li><li>• Nina Santi (CEO AquaGen)</li><li>• Moderator: Drew Cherry, Editor-in-Chief at IntraFish Media</li></ul>                       |
| 12:20 – 12:30 | Coffee break                                                                 |                                                                                                                                                                                                                                                              |
| 12:30 – 12:50 | Financial performance and Q2 2019 review                                     | Daniel Bortnik, CFO                                                                                                                                                                                                                                          |
| 12:50 – 13:00 | Summary and closing remarks                                                  | Ricardo Garcia, Vice Chairman                                                                                                                                                                                                                                |
| 13:00 – 13:30 | Q&A                                                                          |                                                                                                                                                                                                                                                              |
| 13:30 – 14:15 | Lunch and mingling                                                           |                                                                                                                                                                                                                                                              |





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Ricardo García, Vice Chairman

An aerial photograph of a river with rapids. The water is dark blue and turbulent, flowing over a bed of dark, jagged rocks. The surrounding landscape is lush green with dense vegetation. A white rectangular box is overlaid on the center of the image, containing text.

A sustainable, low-cost  
producer with clear growth and  
value creation potential

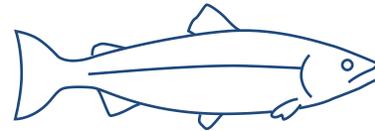


# There is a growing need for sustainably farmed seafood

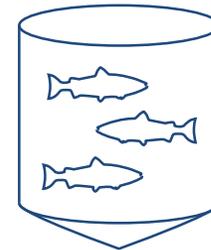
In 10 years ...



**+1 billion**  
more people



**+37 million tons**  
seafood needed annually



**Supplied by aquaculture**  
0% growth from wild catch

Sources: United Nations, FAO

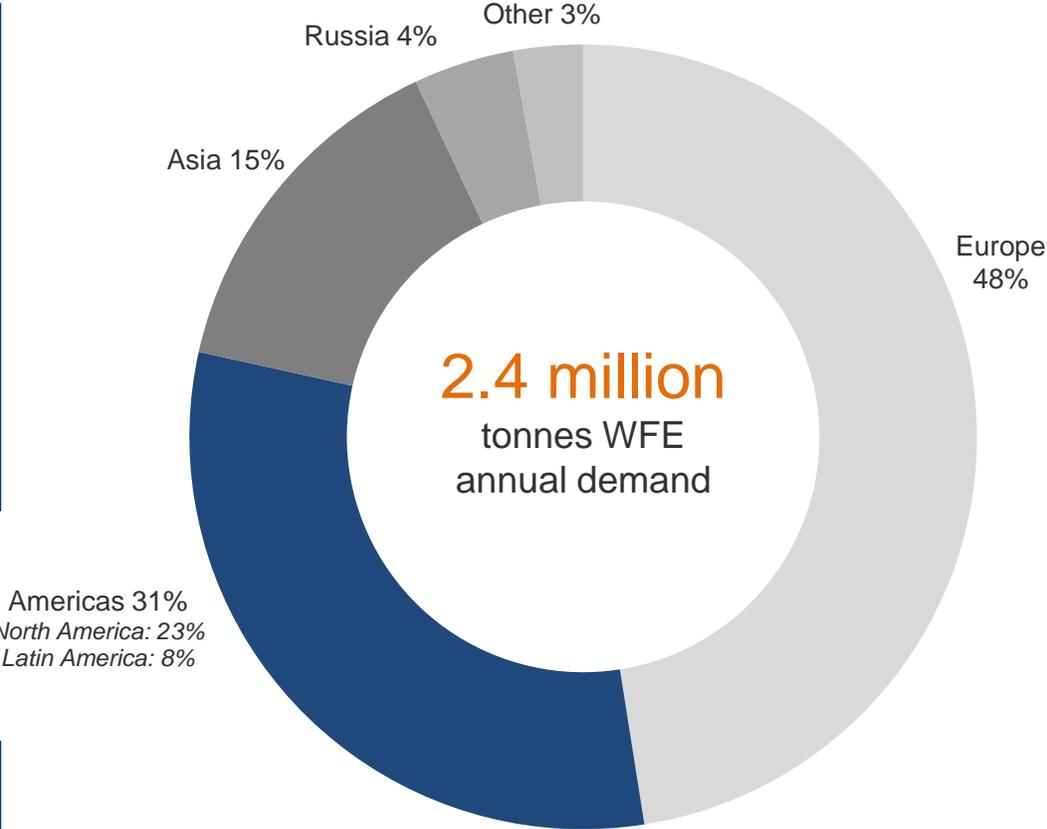
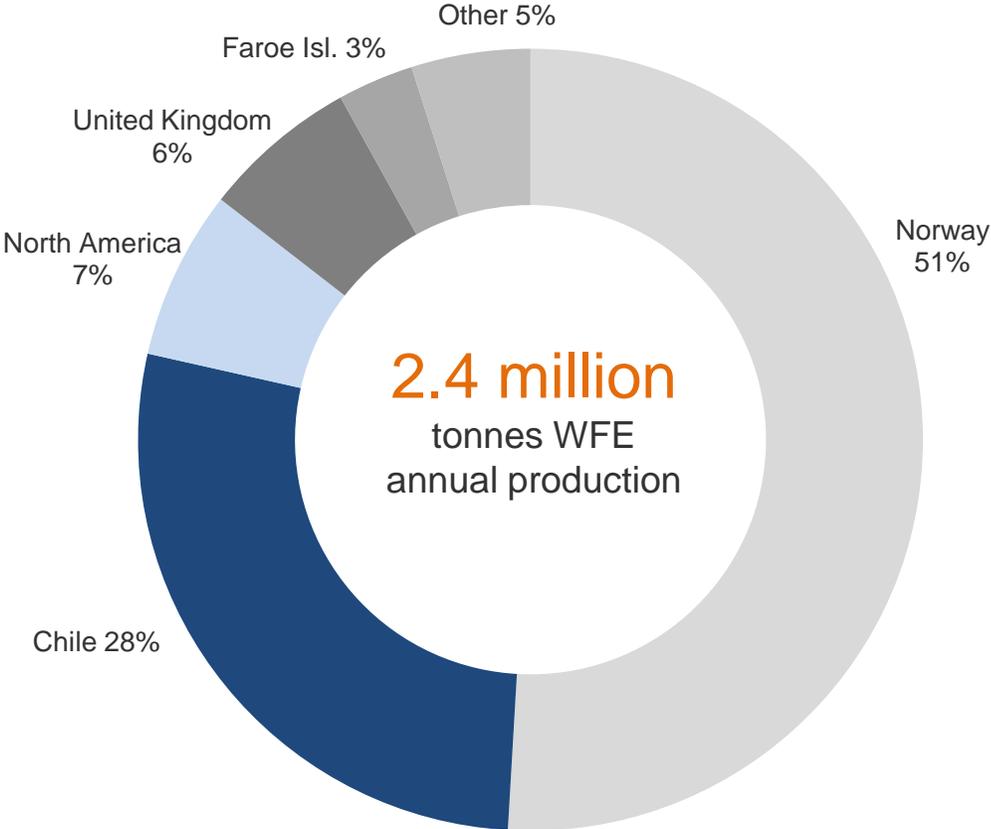


# Salmon will be an important part of the solution

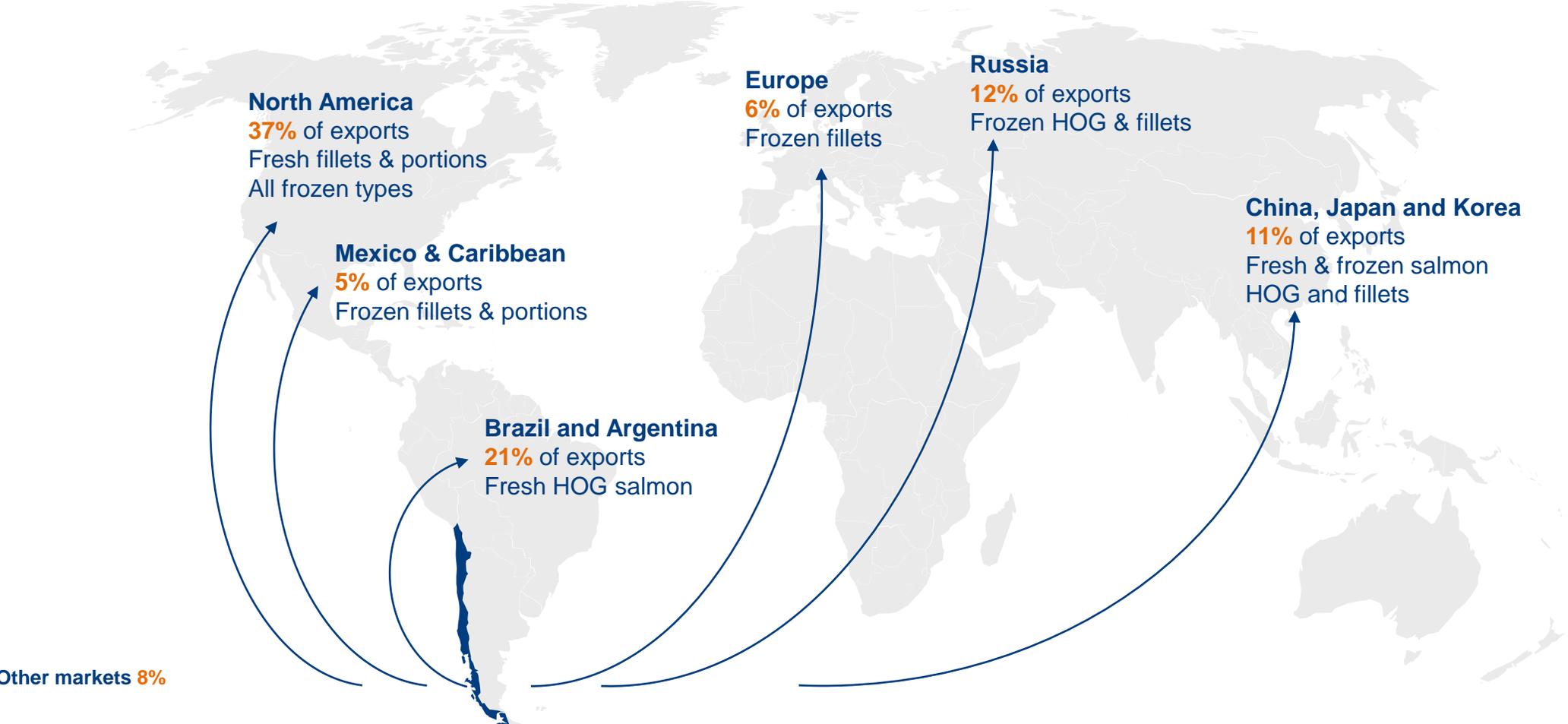
|                                                          |  |  |  |  |
|----------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Carbon footprint<br>(g CO <sup>2</sup> /40g edible meat) | 0.60                                                                              | 0.88                                                                                | 1.30                                                                                | 5.92                                                                                |
| Feed conversion ratio                                    | 1.2                                                                               | 2.0                                                                                 | 3.5                                                                                 | 8.0                                                                                 |
| Water consumption<br>(litres/kg)                         | 2,000                                                                             | 4,300                                                                               | 6,000                                                                               | 15,400                                                                              |



# Chile the world's second largest farmed salmon provider...



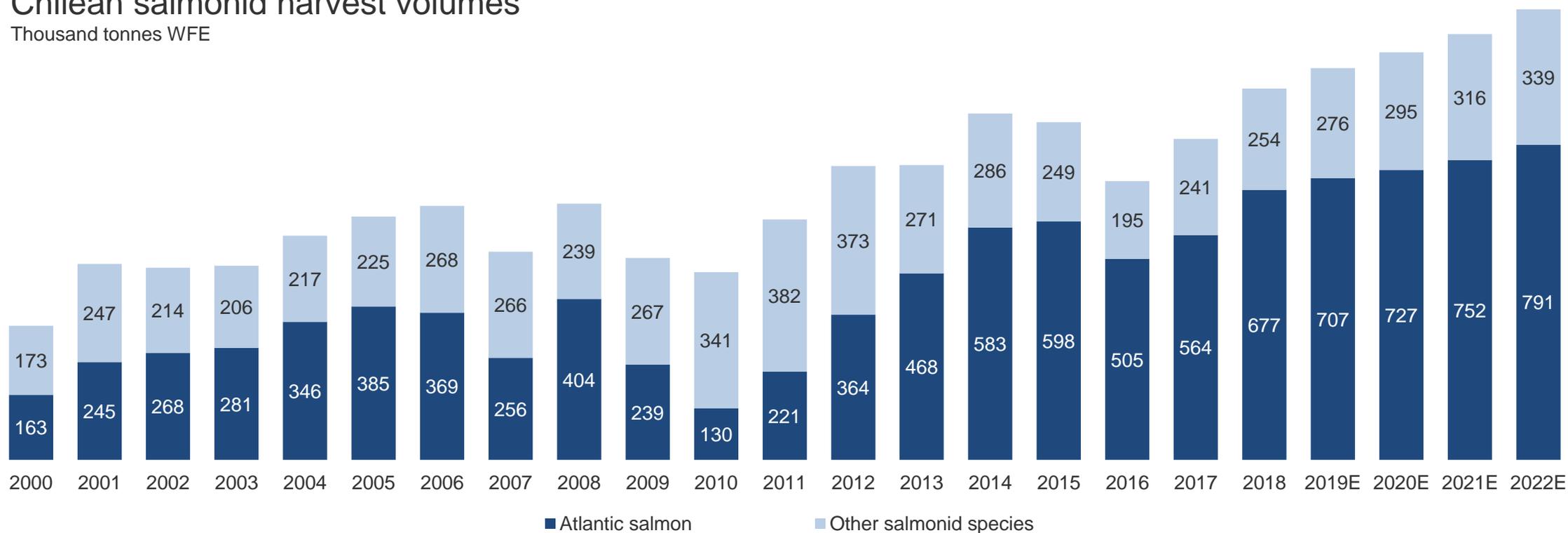
# ...serving demand across the globe



# Continued growth expected

## Chilean salmonid harvest volumes

Thousand tonnes WFE



Source: Kontali analyse, equity analyst consensus and company estimation



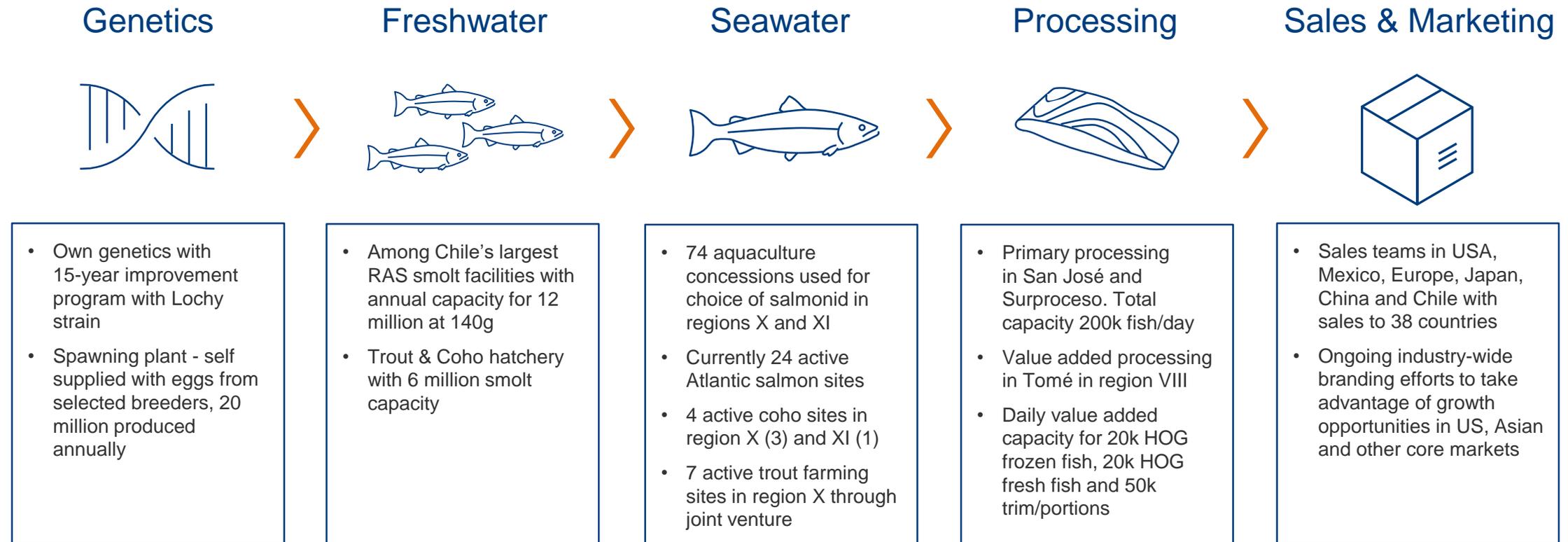


# Favorable Chilean salmon farming conditions

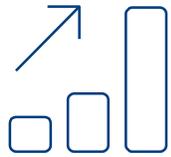
1. Favorable environmental and oceanic conditions, promoting faster growth due to the Humboldt current – fully diversified from largest producer
2. A progressive regulatory system, improving fish welfare and strong biosecurity leads to expanding fallow periods
3. Global reach with close proximity to large American “emerging” markets
4. Value added advocacy servicing the US, the world’s largest “emerging” market
5. Newer industry with relatively low equity valuation



# Our fully integrated value chain enhances operational control towards longer term targets



# Our value creation plan



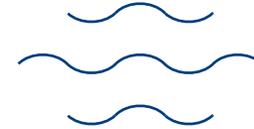
## Resource efficient growth

Reach 75-80,000 tons by 2023 using existing sites and improve operational efficiency



## Focused market development

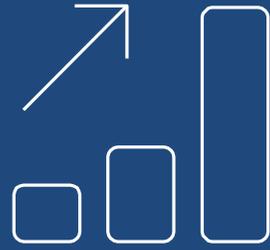
Ensure processing capacity and flexibility to target core markets



## Progressive sustainability

Become carbon neutral by 2025 and ASC certify majority of production by 2021



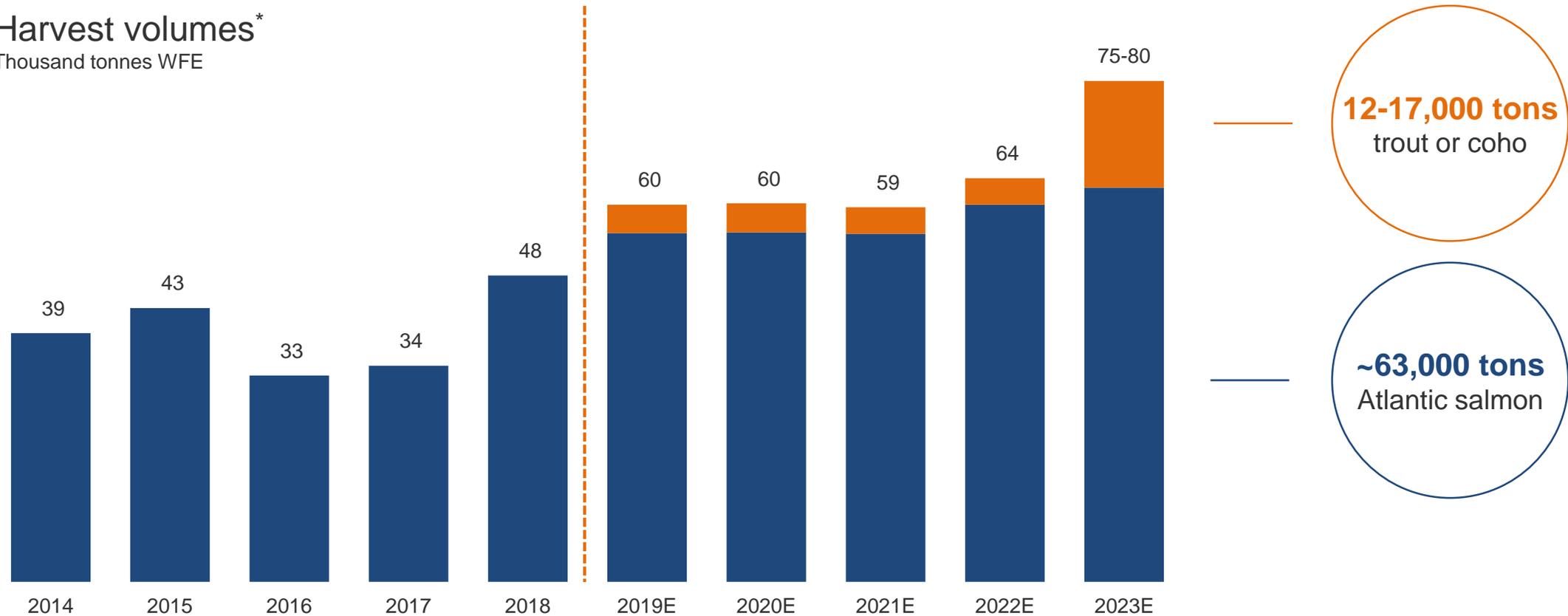


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Resource efficient growth

# Ambitious targets within Atlantic salmon and coho

Harvest volumes\*  
Thousand tonnes WFE



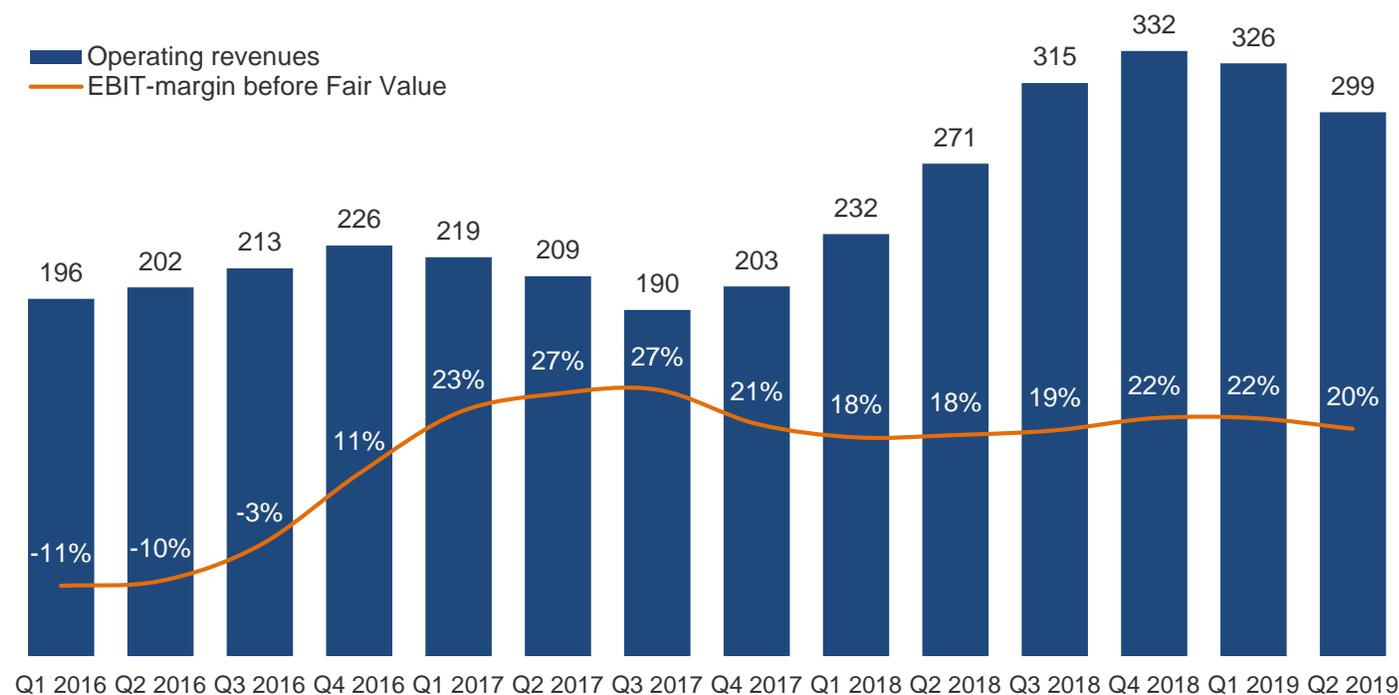
\*Figures do not include trout joint venture volumes from 2016-2022. The JV has an estimated average annual capacity for 12,000 tons WFE and expires in 2022, after which Salmones Camanchaca will retain all stocking rights



# Positive long-term financial development

## 12m rolling revenues and EBIT-margin before Fair Value

US\$ million



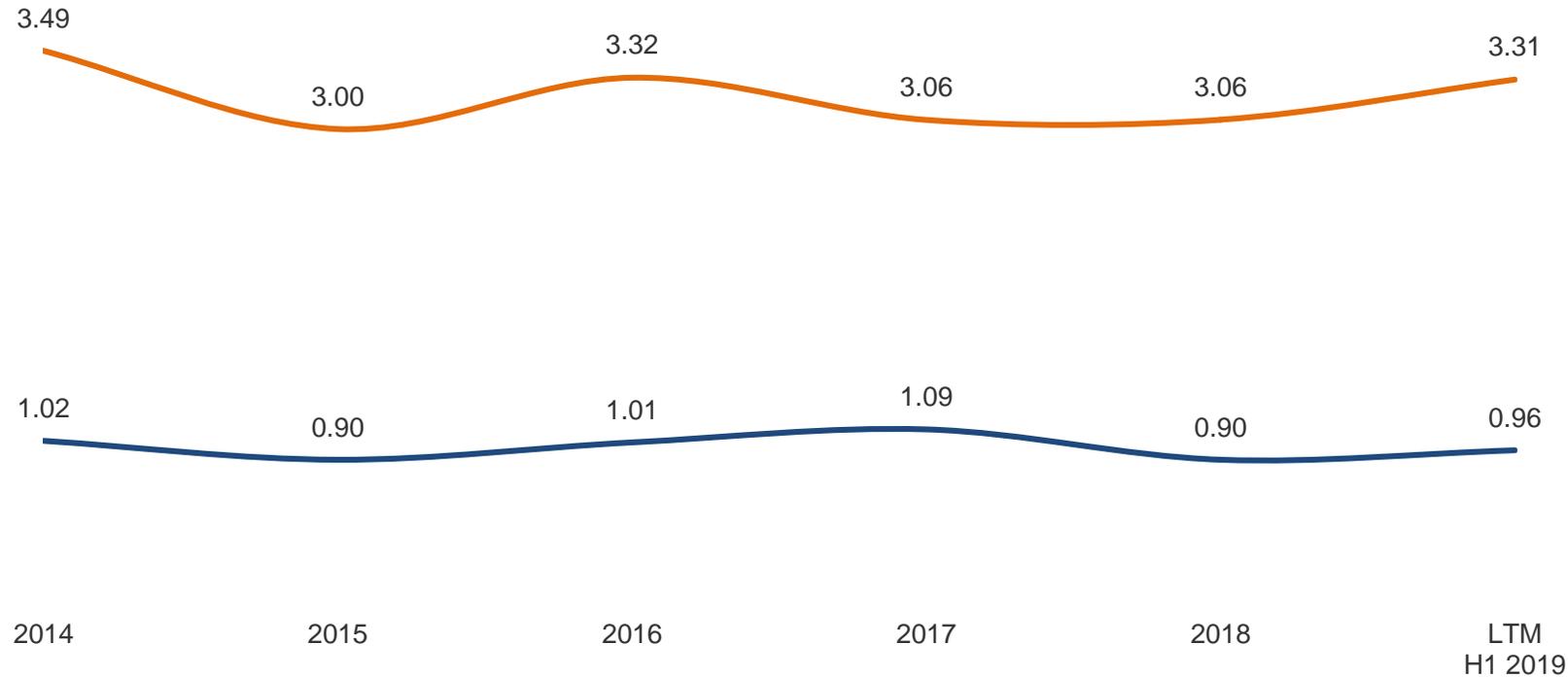
- 2019 earnings impacted by environmental challenges

- Harvest from sites with algae blooms and low density stocking
- Systems in place to mitigate issues
- Projected H2 cost levels in line with long term targets



# Maintaining costs at low levels

Cost per kg  
US\$



Long-term targets

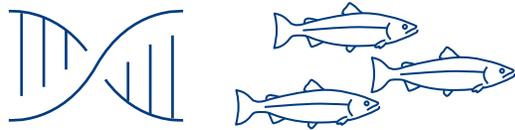
~ **\$3.0/kg**  
Ex-cage cost  
(LW)

< **\$1.0/kg**  
Processing  
cost (WFE)



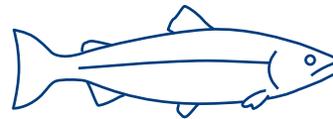
# Improvements throughout the value chain ensure cost-efficient growth

## Freshwater



- Expand freshwater RAS capacity for both Atlantic and coho
- Develop post-smolt capacity

## Seawater



- Improve capacity utilization by investing in site development
- Take over production at expired leases
- Acquire new sites
- Resume production at inactive sites
- Invest in equipment related to biosecurity
- Utilize trout JV stocking rights from expiry

## Processing



- Increase processing capacity and flexibility
- Increase VAP productivity and capacity





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Focused market development

# Strategic focus areas to improve flexibility and strengthen market position

## Improving capacity to exploit market opportunities

- Improve efficiencies of fresh HOG lines
- Expand freezing and portioning capacity
- Improve logistics, increasing market flexibility and speed
- Building processing expertise for coho

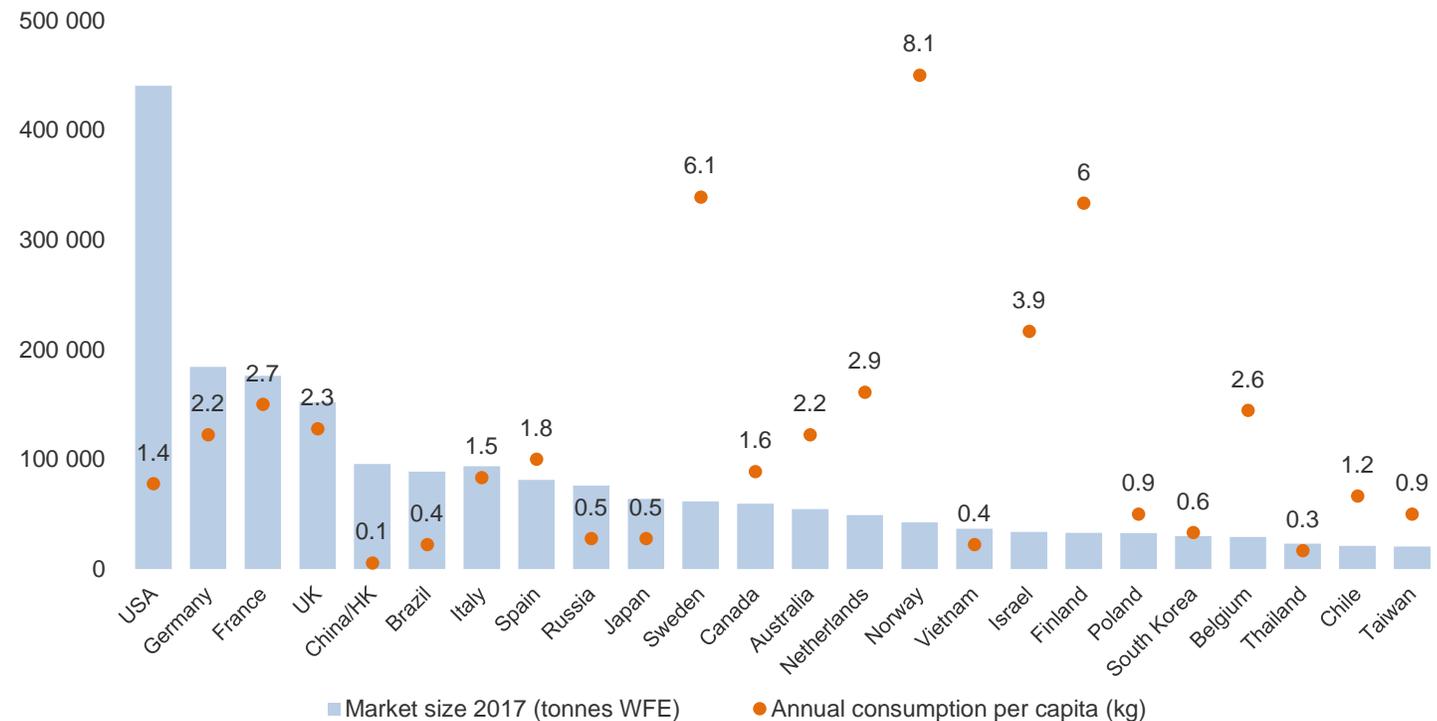
## Focused efforts to enhance reputation and position in core markets

- Ensure sustainable processes and strong biosecurity
- CSMC: Increasing reputational initiatives in the US, Brazil and other core markets
- Reduce US price differential to 30-40 US cents from 80-90 US cents



# Targeting the world's largest “emerging” market

## Atlantic salmon market size and per capita consumption



## Exploiting US growth potential

- 56% of salmon consumption sourced from Chile in 2018
- 21% market growth over the last 5 years
- Low per capita consumption of salmon
- Increasing demand for healthy protein choices
- New distribution channels
- New value-added product forms



# CSMC campaign: Strategic efforts to enhance reputation and market position of Chilean salmon in the US

Produce a nutritious product  
Raise salmon sustainably  
Ensure salmon wellness  
Follow responsible processing practices  
Deliver consistent quality and availability



Positioning Chilean salmon as a premium product and preferred option, farmed in the pristine waters of the Chilean Patagonia

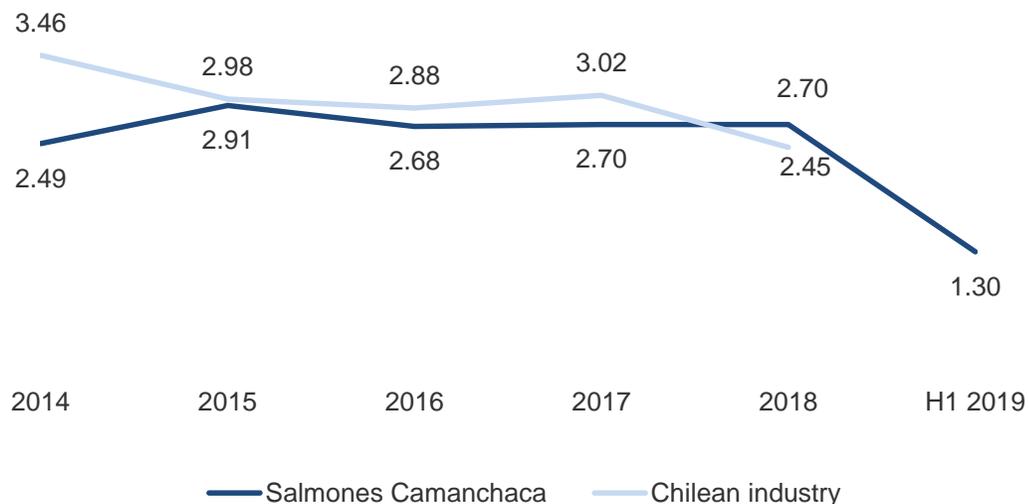




# Sustainability ranks high on the agenda

## Antibiotic treatments

# treatments throughout cycle



- 1<sup>st</sup> Chilean salmon farmer to measure carbon footprint
- 1<sup>st</sup> seafood company to set carbon neutral production target
- 3<sup>rd</sup> sustainability report published August 2019
- Member of Chilean Salmon Antibiotic Reduction Program (“CSARP”), agreed with MBA: 50% cut by 2025
- 100% of our fish vaccinated to control of SRS and reduction in antibiotics
- Reduction of FIFO ratio (dependency on marine ingredients)
- Development of circular economy and engagement with local community
- Transparency through KPIs and reports
- Founding member of GSI



# Introducing our newly refined sustainability framework...

Healthy and  
Nutritious food



Healthy  
Ecosystems



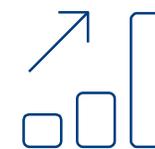
Prosperous  
communities



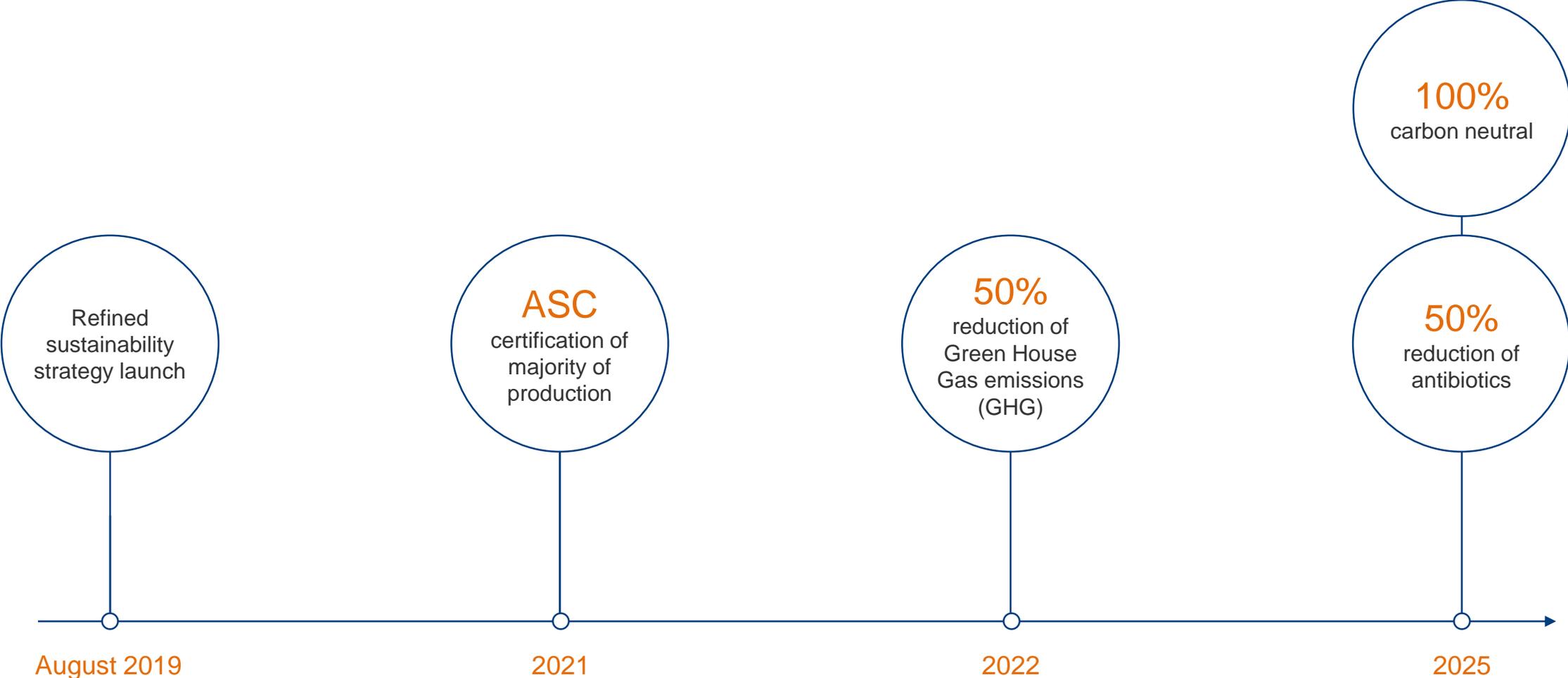
Meaningful  
jobs



Profitable and  
responsible  
business

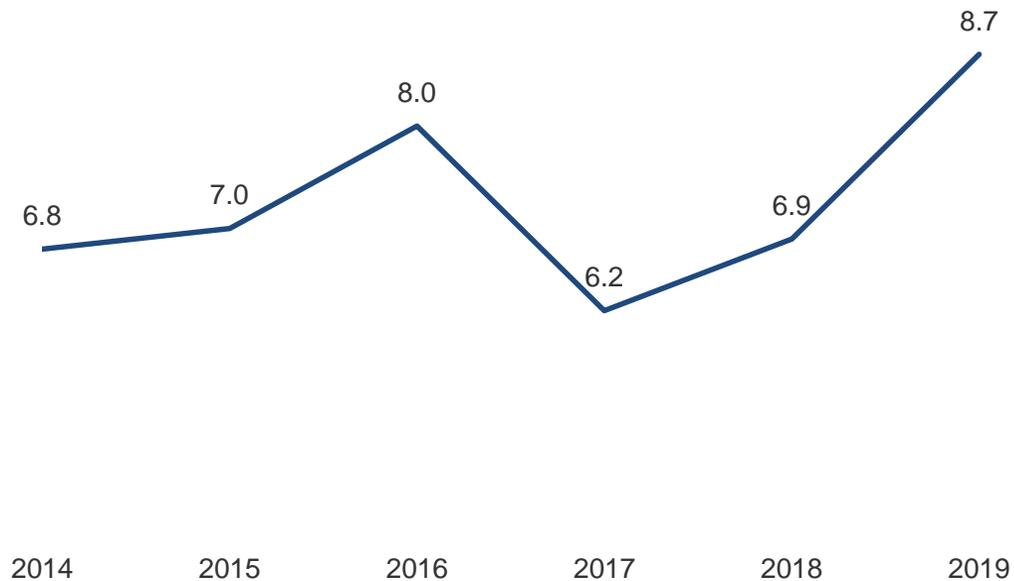


# ...supporting ambitious goals



# Supported by progressive regulatory framework promoting sustainability and safeguarding the environment

Chilean industry fallow period length  
average # months



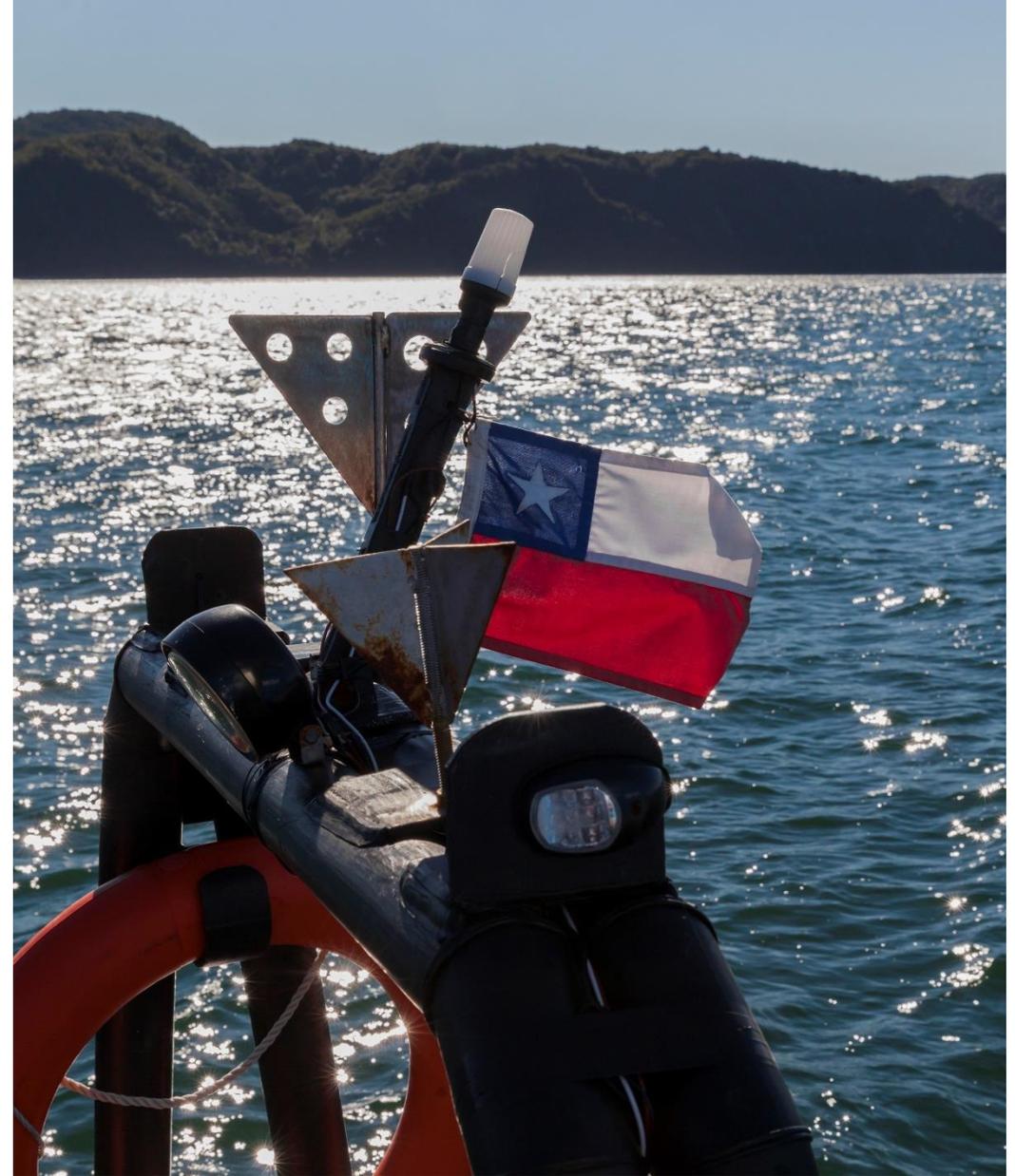
## Regulatory framework principles

- Industry operates within sustainable stocking limits
- Farmers try to have bigger and healthier fish
- Diseases are density-dependant, so poor performance and/or aggressive growth, drives lower density, reducing profitability
- Sanitary and environmental indicators determine next cycle stocking limits per location
- Model promotes longer fallow periods, and seabed care
- Promote alternate use of farming sites



# Key takeaways

- Salmones Camanchaca is exposed to growing need for sustainably produced “superfood”
- High ambition for resource efficient growth, targeting 75,000-80,000 tons by 2023, doubling pre-IPO levels
- Focused on market development, investing in processing flexibility and in developing a strong position in the US market
- Progressive sustainability strategy aimed at ensuring a positive contribution to our environment. Carbon neutral and 50% AB reduction by 2025
- Low earnings YTD but expect substantially more scale in H2 2019. The pilot does matter





# Operational efficiency and biological control throughout the value chain

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Manuel Arriagada, CEO

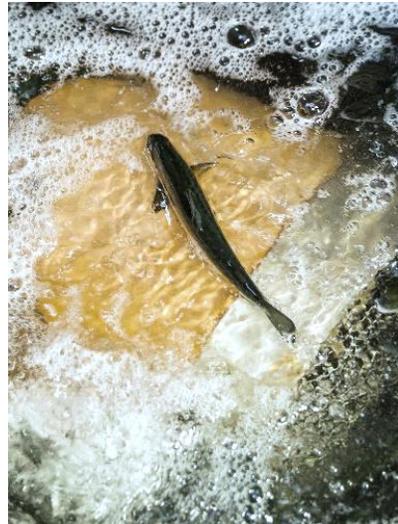


# State of the art operations ensure operational efficiency and sanitary control

Genetics



Freshwater



Seawater



Processing

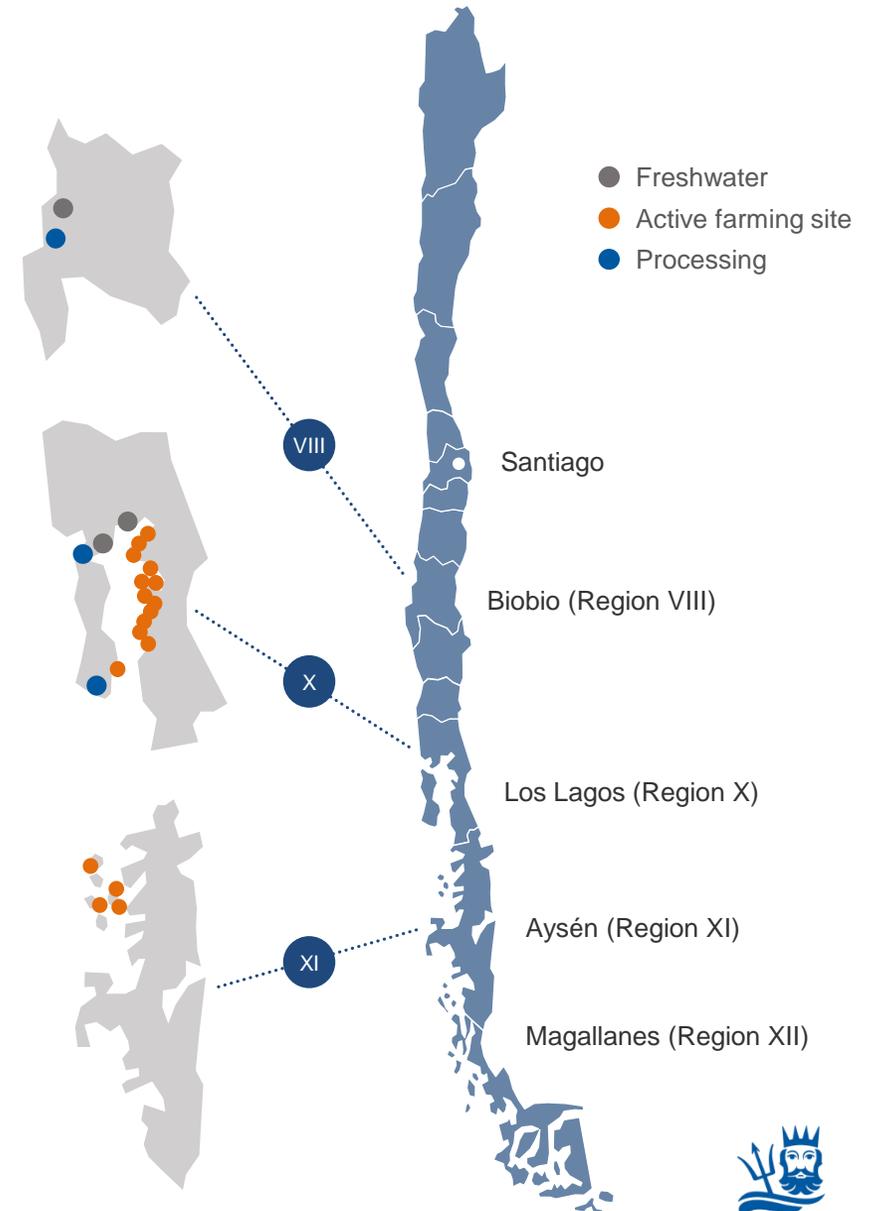


Sales & Marketing



# Located in the pristine glacial waters of Chilean Patagonia

- 3 freshwater hatcheries for Atlantic salmon egg production and smoltification
- 2 freshwater hatcheries for coho/trout smolt production
- Geographically diversified portfolio of farming sites with 74 concessions dispersed over regions X and XI
  - 22 active Atlantic salmon farming sites
  - 4 coho sites for 2019 stocking plan
  - 7 trout farming sites owned through joint venture in force 2017-2022
- 3 processing plants for primary and value-added processing





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## Genetics and freshwater

Biological stability through high-quality breeding

# Isolated freshwater operations for Atlantic salmon ensure biological control

- 100% self-sufficient production of broodstock, eggs and smolt in own hatcheries and spawning plant
- One of Chile's largest RAS facilities, providing annual production of 14 million smolt at 100g
- Self-sufficiency and isolation from industry significantly lowers sanitary risks



Petrohué Hatchery  
Ensenada, Los Lagos Region (X), Chile

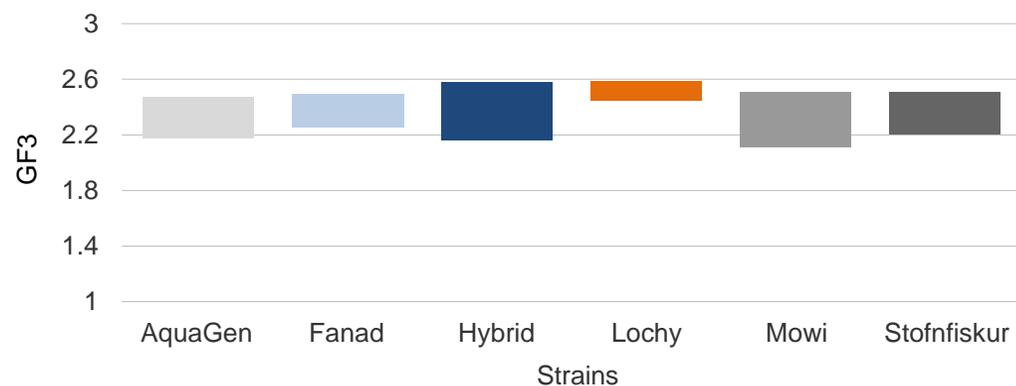


# The Lochy strain - proprietary, unique and fast-growing

- 15-year improvement program focused primarily on growth
- GF3\* growth coefficient increased 5% per generation
- Can grow up to 5.5kg LW in 10-11 months (male population)
- Higher harvest weights significantly improve yield
- Lochy can only be stocked for August-January harvest due to maturity issues (Q3-Q4 mainly)
- Historically complemented with Fanad strain and hybrid (Lochy + Fanad) for Q1-Q2 harvest

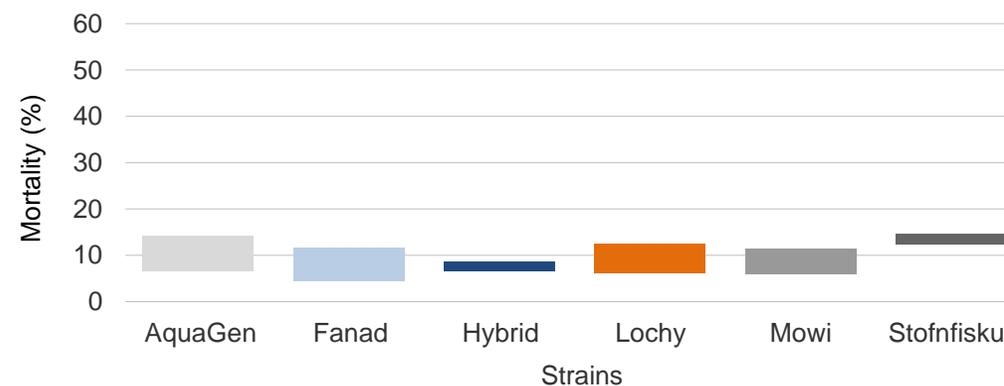
## Accumulated GF3\*

Atlantic salmon, closed cycles January 2018 - July 2019



## Cumulative mortality (%)

Atlantic salmon, closed cycles January 2018 - July 2019



\* Thermal growth coefficient:  $GF3 = \frac{(\text{harvest weight}^{\frac{1}{3}} - \text{starting weight}^{\frac{1}{3}}) \times 1,000}{\text{Total sum temperature}}$



# Optimizing seawater production through strain selection

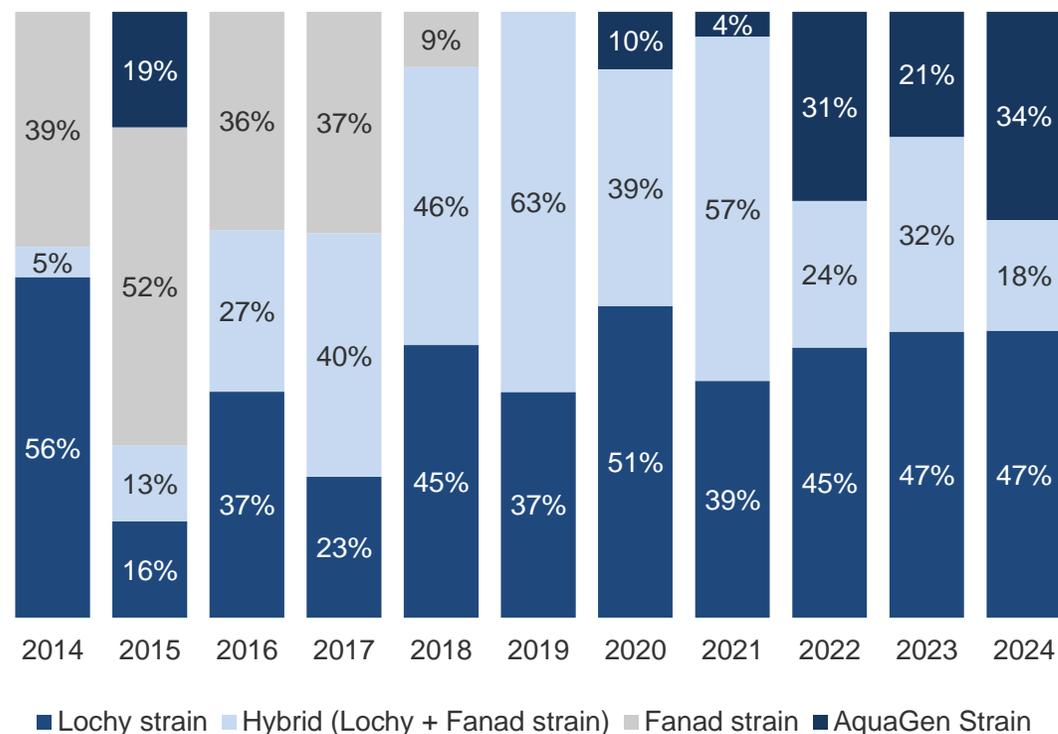
## The hybrid strain – taking advantage of the Lochy’s growth attributes

- Developed by pairing the Lochy and Fanad strains
- Stronger growth than traditional Fanad without Lochy’s maturity issues
- Compliments the Lochy by allowing for Q1-Q2 harvest

## AquaGen strain

- Multiplier agreement, with internal egg production
- Introducing AquaGen strain with 2022 smolt to complement the Hybrid and benchmark attributes
- Maintains isolation and full sanitary control

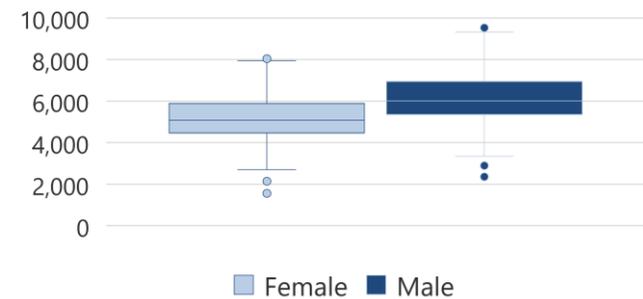
Historical and expected smolt release strain mix (%)



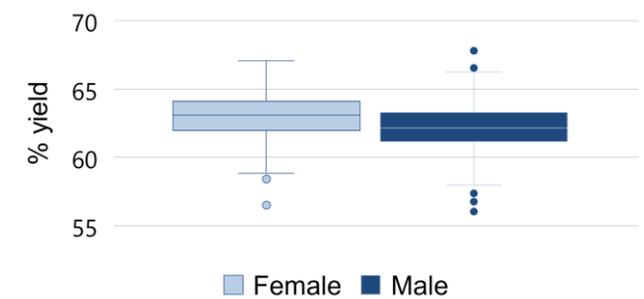
# Early gender selection reduces sanitary risk and increases processing yield

- Males achieve up to 12% faster growth and 1.1pp higher yield in HOG processing
- Females 1.05pp higher yield in value added processing
- Sorting by gender lowers risk and improves yield
  - Higher-risk sites stocked with males only, thus reducing time at sea and sanitary risk exposure
  - Improves processing yields for both VAP and HOG
  - In 2019, all sites are stocked with gender differentiation

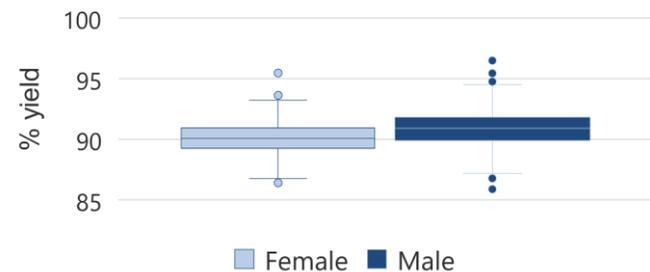
Harvest weight distribution by gender (grams)



VAP yield distribution by gender (%)



HOG processing yield distribution by gender (%)



# Persistent focus on improving smolt yield

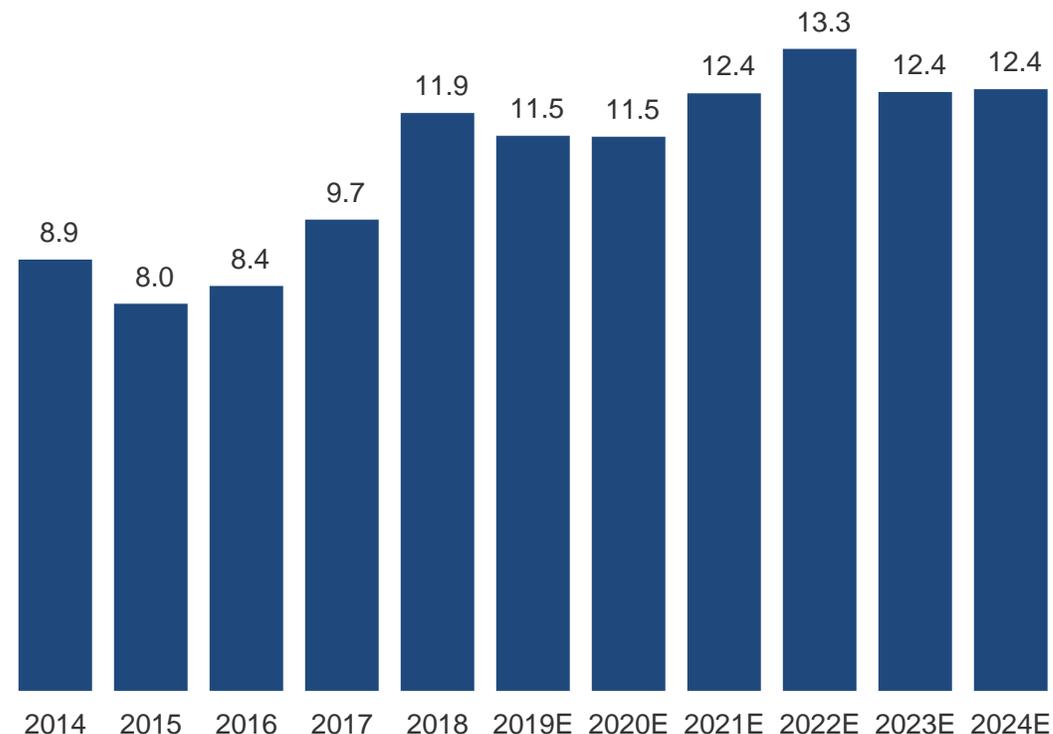
## Genetics

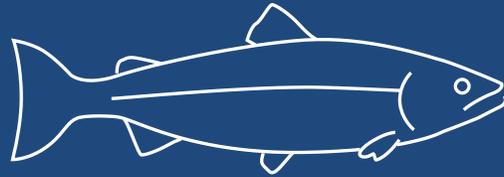
- Optimizing strain mix during grow-out phase
- Genomic selection historically based primarily on growth
- Ongoing genetic improvement program focused on SRS- and sea lice resistance
- Gender selection in freshwater and sorting in grow-out sites

## Post-smolt evaluation

- Medium term project (4-6 years)
- Looking for land, water rights and environmental authorizations
- Targeted stocking-weight: 200-500g
- Chief motivation: shorter exposure to seawater risks

Historical and expected smolt release  
(million smolt)

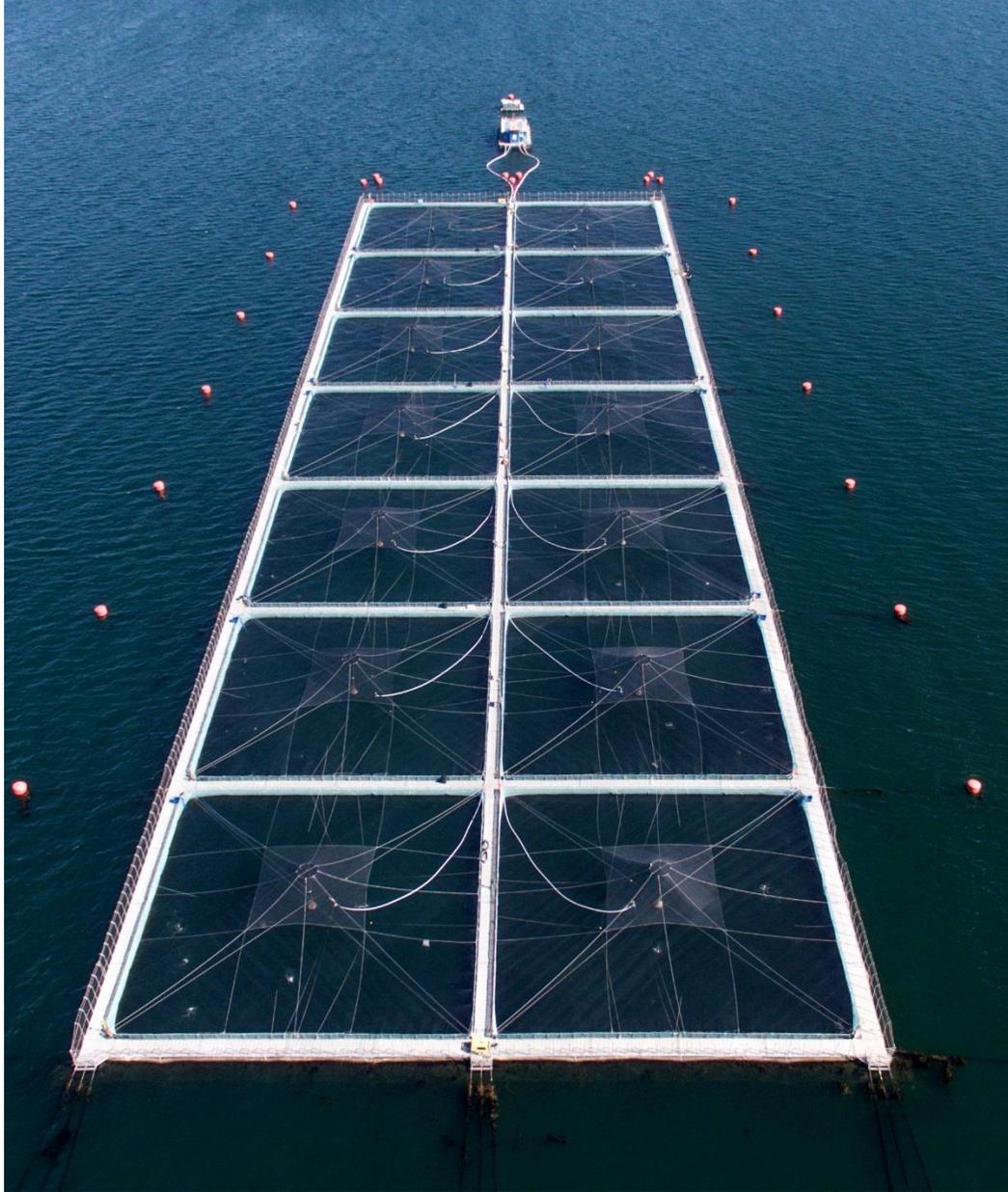




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## Seawater

Safeguarding fish health and ensuring biological control



## Among the lowest-cost producers of salmon in Chile

- Prime portfolio of sites
- Strong operational and sanitary practices
- Good smolt quality
- Lower mortality
- High yield



# Continuously working to improve operations

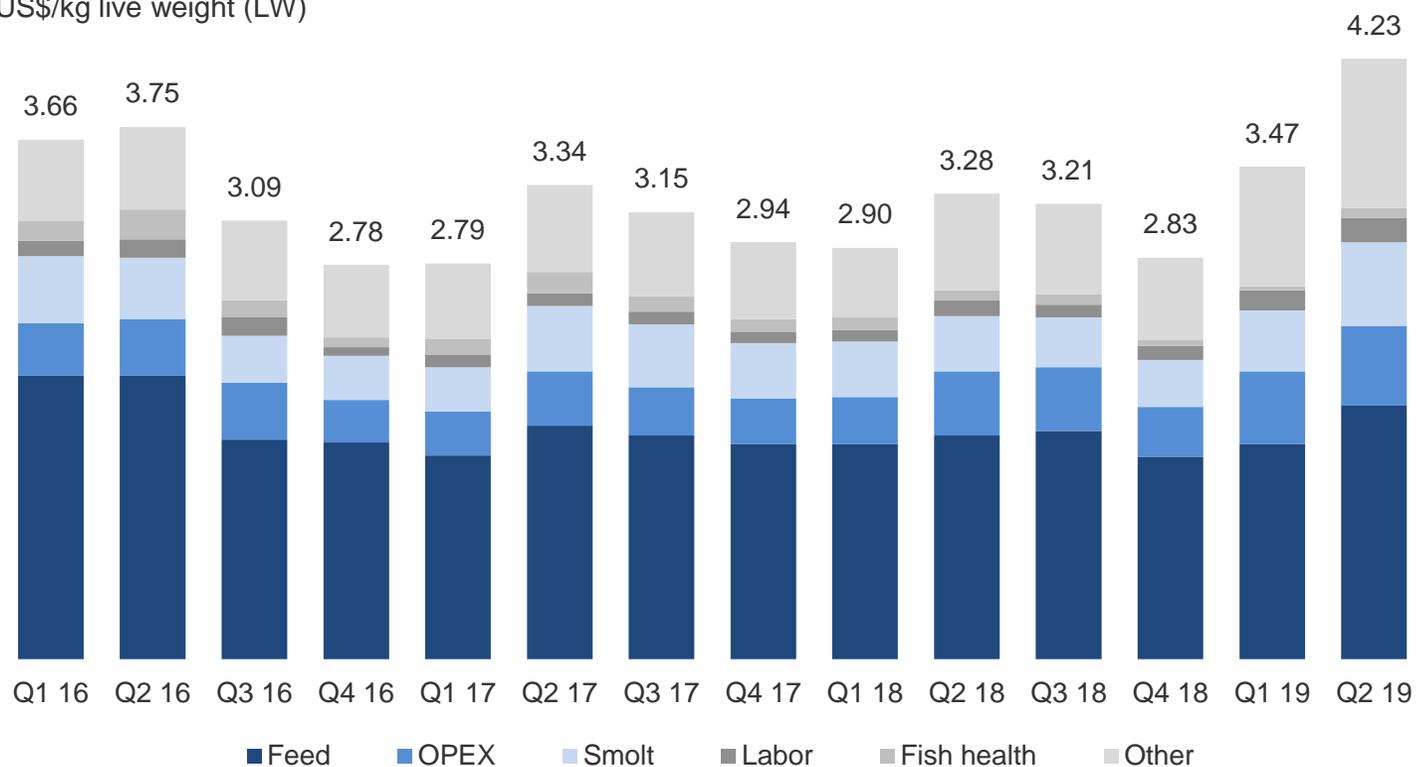
- Improving efficiency and productivity
  - Investing in in 40x40 meter cages
  - Improving economies of scale
  - New sea lion nets reinforced with iron fibers
- Promoting growth and reducing feed conversion ratios
  - New feeding barges with added capacity and feeding lines
  - Increased # of feeding days through remote feeding
  - High-quality cameras to enhance feed monitoring control
  - High-energy diets increase growth and reduce feed conversion rate
  - Reduced maturity and increased growth through use of photoperiod



# Operational efficiency impacted by biological issues

## Atlantic salmon ex-cage cost

US\$/kg live weight (LW)

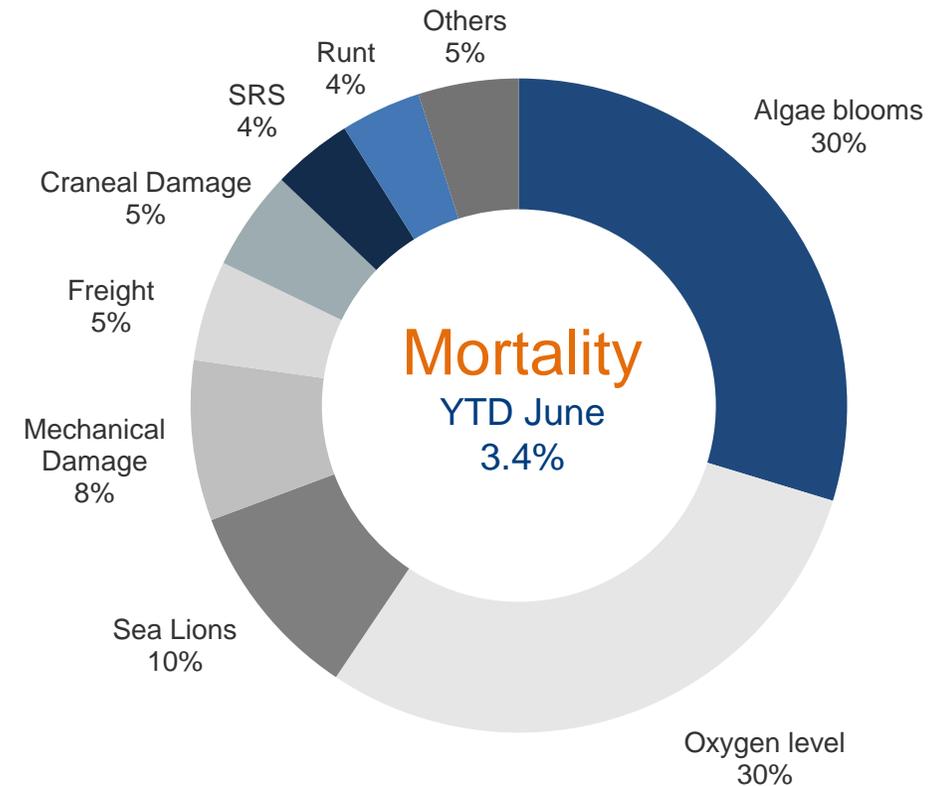


- High Q2 ex-cage cost due to:
  - 50% of harvest affected by algae blooms, resulting in lost feeding days and low average weight of 3.8kg
  - 40% of Q2 harvest from sites with low-density stocking
- No low-density sites will be harvested in H2 2019
- Good feeding behavior and no algae situations since June 2019



# Algae blooms and oxygen levels are the main causes of mortality

- High mortality from low oxygen levels
  - Isolated cases of low oxygen in H1 2019
  - Lack of cryogenic oxygen supply due to supplier shortage
- Isolated cases of algae blooms resulted in feeding limitations and mortalities



# Taking action to fulfill ambitious targets

- 10 Cryogenic platforms with supply barges implemented in 2019 to strengthen oxygen supply
- 3 new oil-based oxygen systems in place from 2019/2020
  - In situ oxygen generation
- Upwelling systems will mitigate algae effects
- Targeting less than 8% closed cycle mortality rate



Oxzo upwelling system



# Focused on reducing the use of antibiotics

| Q2 2019                            | 2016 | 2017 | 2018 | 2019 |
|------------------------------------|------|------|------|------|
| FCRb*<br>(live weight)             | 1.36 | 1.17 | 1.21 | 1.30 |
| Yield<br>(kg WFE/smolt)            | 4.01 | 5.16 | 4.76 | 4.45 |
| Average harvest weight<br>(kg WFE) | 4.79 | 5.00 | 4.81 | 4.35 |
| Antibiotic usage<br>(g/ton)        | 761  | 515  | 515  | 381  |
| Antiparasitic usage<br>(g/ton)     | 10   | 12   | 13   | 16   |

\* FCRb = Feed conversion rate, biological

## Negative aspects of antibiotics usage

- Impacts sustainability and environment
- Negative market perception

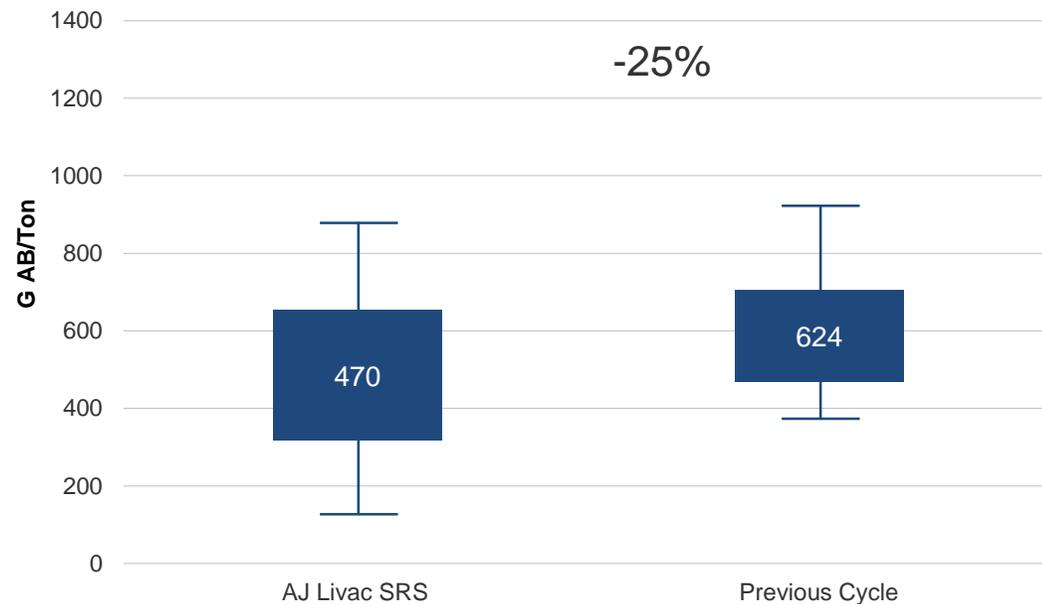
## Salmones Camanchaca targets

- 50% reduction of antibiotics by 2025
- Reduce negative US price gap to non-Chilean salmon

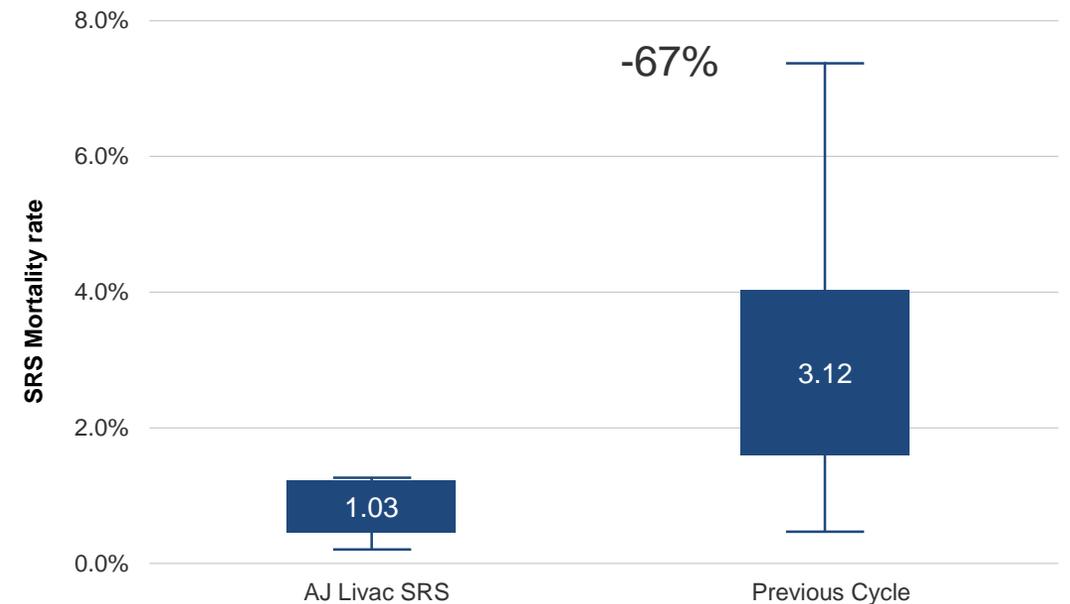


# LiVac vaccination has proved an effective measure to reduce mortality and antibiotics

Grams antibiotics administered per ton



Total mortality from SRS



# Sea lice control is fundamental to fish farming

## Regulatory efforts to monitor sea lice levels

- Aiming to protect wildlife and safeguard fish welfare
- Requirement of less than 3 female sea lice per fish
- Mandatory harvest of 25-100% at sites with more than 3 CAD situations\*

## Industry currently dependent on two medicinal treatments

- Lufenuron: Effective protection in seawater during the first 4-5 months
- Azamethiphos: losing efficacy, resulting in increased sea lice pressure

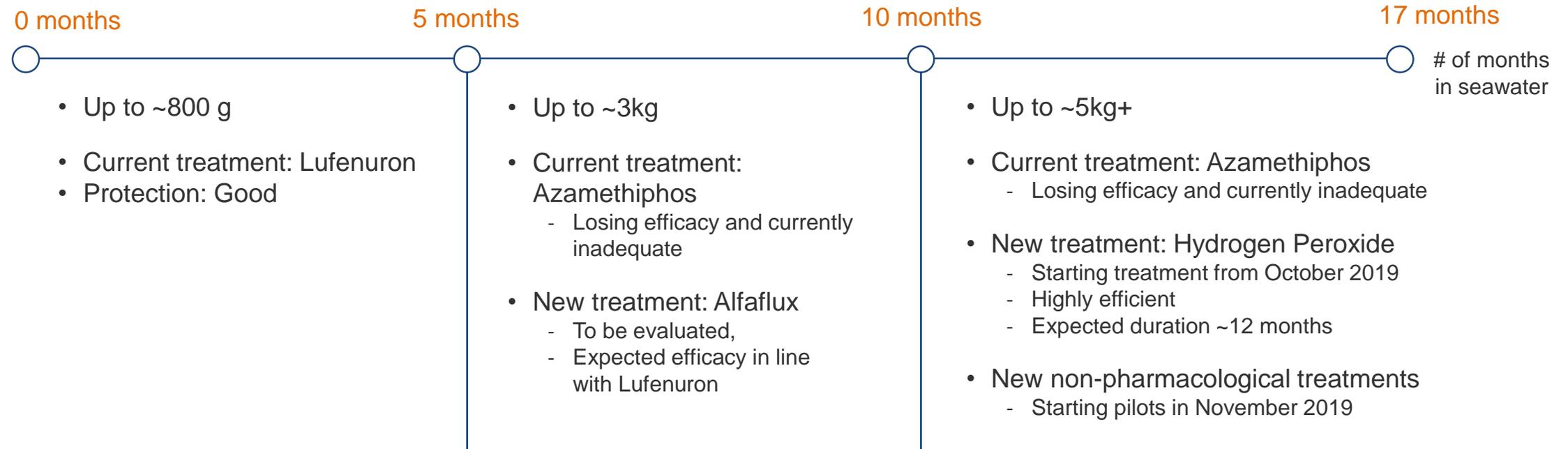
## Salmones Camanchaca's medium- and high-risk areas

- Areas may be classified as medium- or high-risk due to increased sea lice pressure
- As of July 2019, 6/15 active sites (40%) were located in medium- or high-risk areas
- 31,000 tons (35% of harvest) projected to be harvested from medium- or high-risk areas from Aug. 2019 - Dec. 2020

\* CAD situations: Instances with more than 3 gravid female sea lice per fish on average



# Strengthening sea lice protection during final seawater phase



Considerable time to evaluate new treatment methods



# Sea lice treatments under review through industry partnerships

## New treatment methods

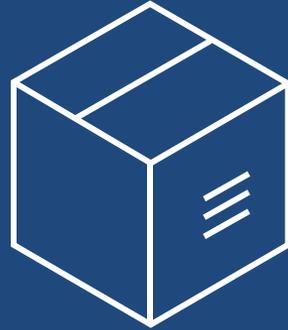
- Mechanical treatments currently under review
  - Optilicer
  - SFI Hydrolicer (Faroese)
  - FLS Delouse
- Other measures being introduced
  - Salmoclinic, 2021
  - Freshwater treatments using wellboats, 2020-2021 - tender process starting in H2 2019



## Industry cooperation

- 12 Chilean companies cooperating to test new treatment systems and share results
- Advantages of cooperating
  - Lower fish stress levels
  - Lower capex, opex and initial risk





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## Processing and sales

Driving value through cost efficiency and product flexibility

# Extensive and efficient processing capacity



## San José primary processing (Region X)

- Processes fish harvested in Region X, uniquely located close to ocean sites
- Daily processing capacity of 85,000 salmon
- ~30% third-party processing drives expected 2019 unit cost reduction of 25%
- Exports whole fresh salmon directly to Brazil, China and Argentina



## Surproceso Primary processing (Region X)

- 33.33% ownership interest
- 100% ownership of slaughtering cage concession next to plant
- Fish harvested in Region XI with daily processing capacity of 115,000 salmon
- Third-party processing profits drives expected 2019 unit cost reduction of 76.5%
- Geographically well positioned to be the preferred processing plant for region XII



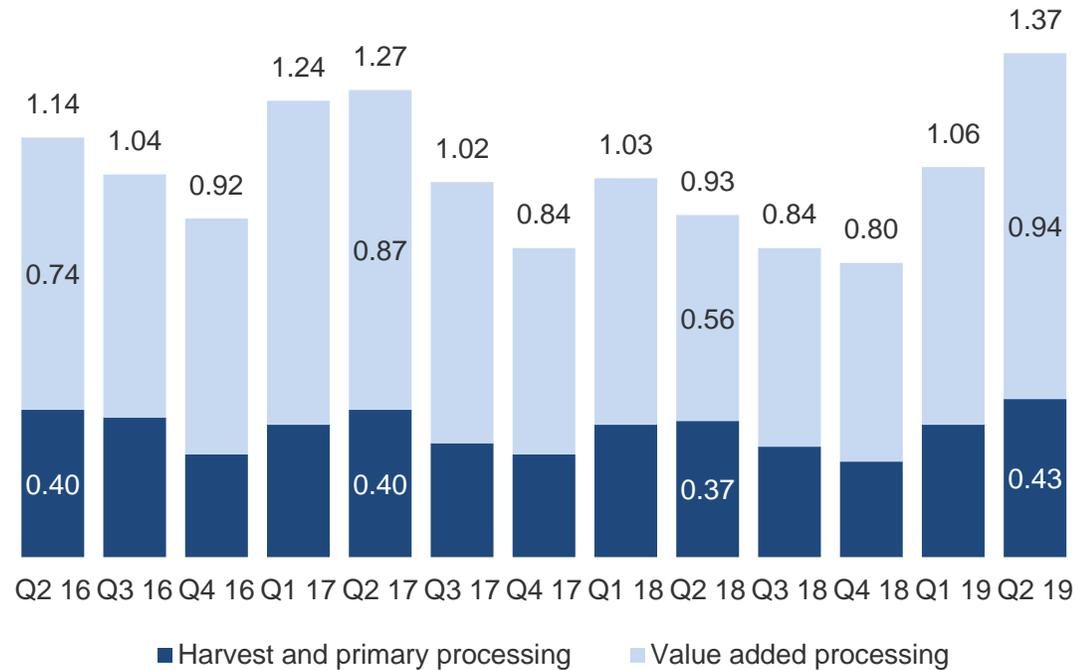
## Tomé value added processing (Region VIII)

- Very flexible processing, switching between fillets, portions and other VAP
- ~80% of Salmones Camanchaca's harvested volumes runs through Tomé
- Proximity to Santiago provides flexibility to ship fresh fish to the United States
- Daily processing capacity of 350 tons raw material and expert at transforming non-premium graded harvest into premium graded products



# Targeting processing cost below US\$ 1/kg WFE

Atlantic salmon processing cost (US\$/kg WFE)



- Q2 2019 cost of US\$ 1.37/kg
  - Higher share of portions and fillets - increased cost/kg by 30 cents y-o-y
  - Low average weight and reduced scale effect increased cost/kg by 20 cents y-o-y
- Expected FY 2019 processing cost below US\$ 1/kg target due to higher volume and increased average weight in H2 2019



# Ambitious processing efficiency investment program

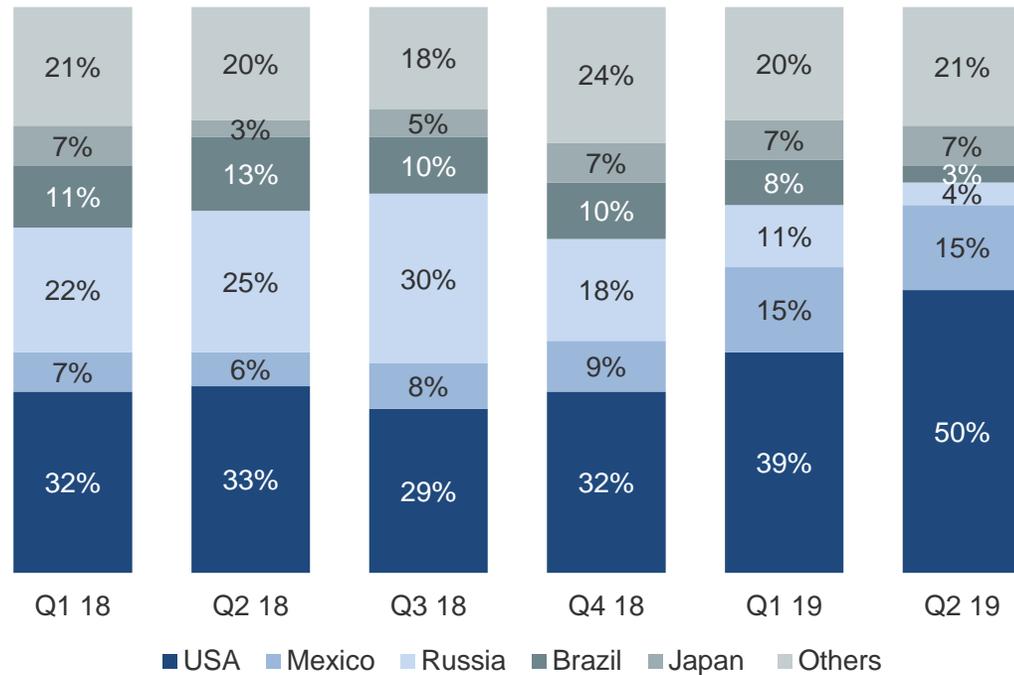
| 2018<br>Tomé VAP capacity and efficiency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2019 - H1 2020<br>San José expansion, cold storage capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2019 - H1 2020<br>Tomé VAP capacity and efficiency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| US\$ 8.3 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US\$ 5.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US\$ 3.0 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Status</b></p> <ul style="list-style-type: none"> <li>• Completed 2018</li> </ul> <p><b>Improvements</b></p> <ul style="list-style-type: none"> <li>• Freezing and filleting capacity (frozen tunnel and Marel filleting lines)</li> <li>• Production efficiency, fillet injection.</li> <li>• New facilities for direct dispatch</li> </ul> <p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>• Enhanced yield optimization and product quality</li> <li>• Increased labor efficiency</li> <li>• Cold storage rental savings</li> <li>• Potential annual EBIT effect: US\$ 5.1 million</li> </ul> | <p><b>Status</b></p> <ul style="list-style-type: none"> <li>• 90% completed</li> </ul> <p><b>Improvements</b></p> <ul style="list-style-type: none"> <li>• Stunner optimization, gutting machine, dynamic weighter, 12 gates grader, and flow ice upgrade</li> <li>• Improving fresh whole lines cold storage, packaging lines, quality calibration and HOG grader</li> <li>• Improved truck access and charging station</li> </ul> <p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>• Increased staff productivity</li> <li>• Improved plant efficiency and capacity</li> <li>• Potential annual EBIT effect: US\$ 1.1 million</li> </ul> | <p><b>Status</b></p> <ul style="list-style-type: none"> <li>• 40% completed</li> </ul> <p><b>Improvements</b></p> <ul style="list-style-type: none"> <li>• Fresh fillet grader and portions grader</li> <li>• Infeeds &amp; weight checkers (giveaway reduction)</li> <li>• Connections, conveyors, packaging and labelling stations</li> </ul> <p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>• Filleting capacity: +60%</li> <li>• Portions capacity: +80%</li> <li>• Increased staff productivity</li> <li>• Potential annual EBIT effect: US\$ 2.1 million</li> </ul> |



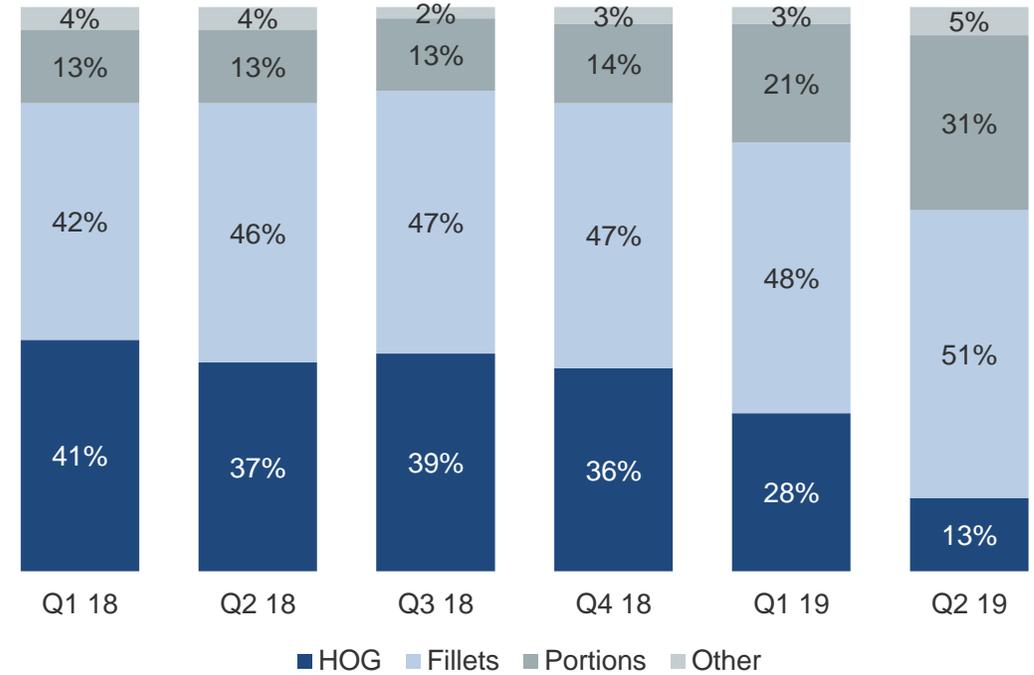
# High flexibility in market and product allocation

% based on US\$ sales

## Sales distribution by market



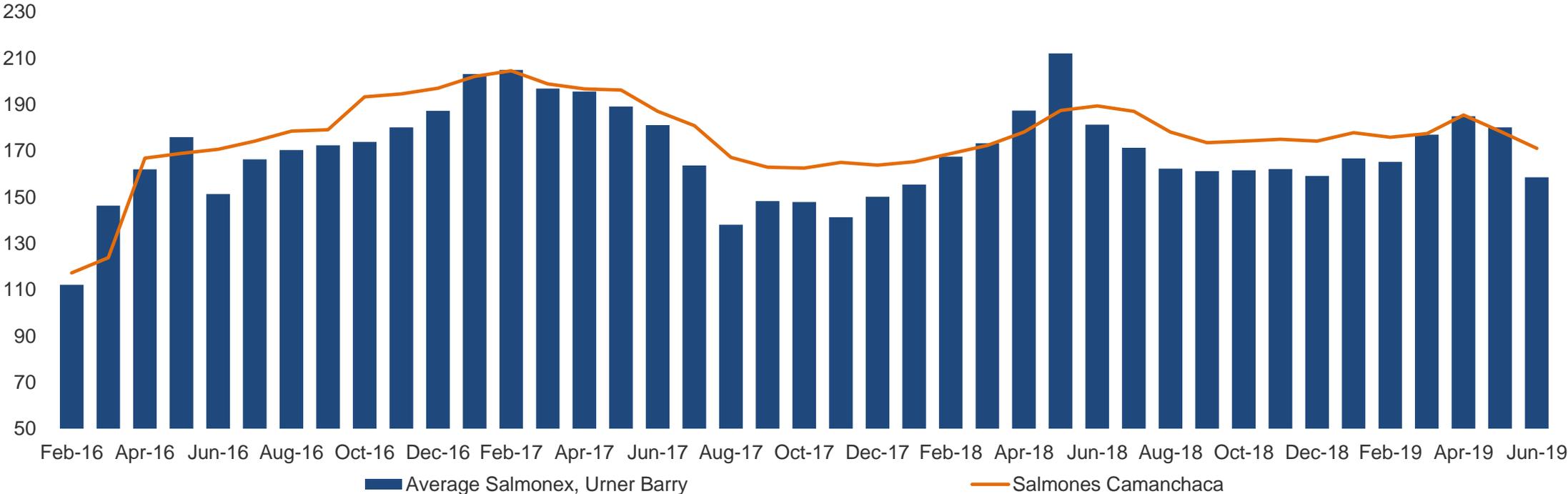
## Sales distribution by product

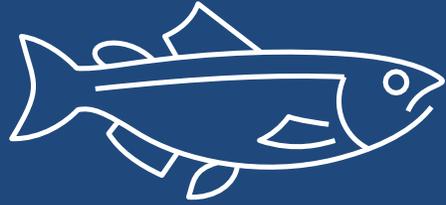


# Processing flexibility enables high-value sales

## Salmones Camanchaca vs US Benchmark

Avg Salmonex, Urner Barry, Jan 2016 = Base 100

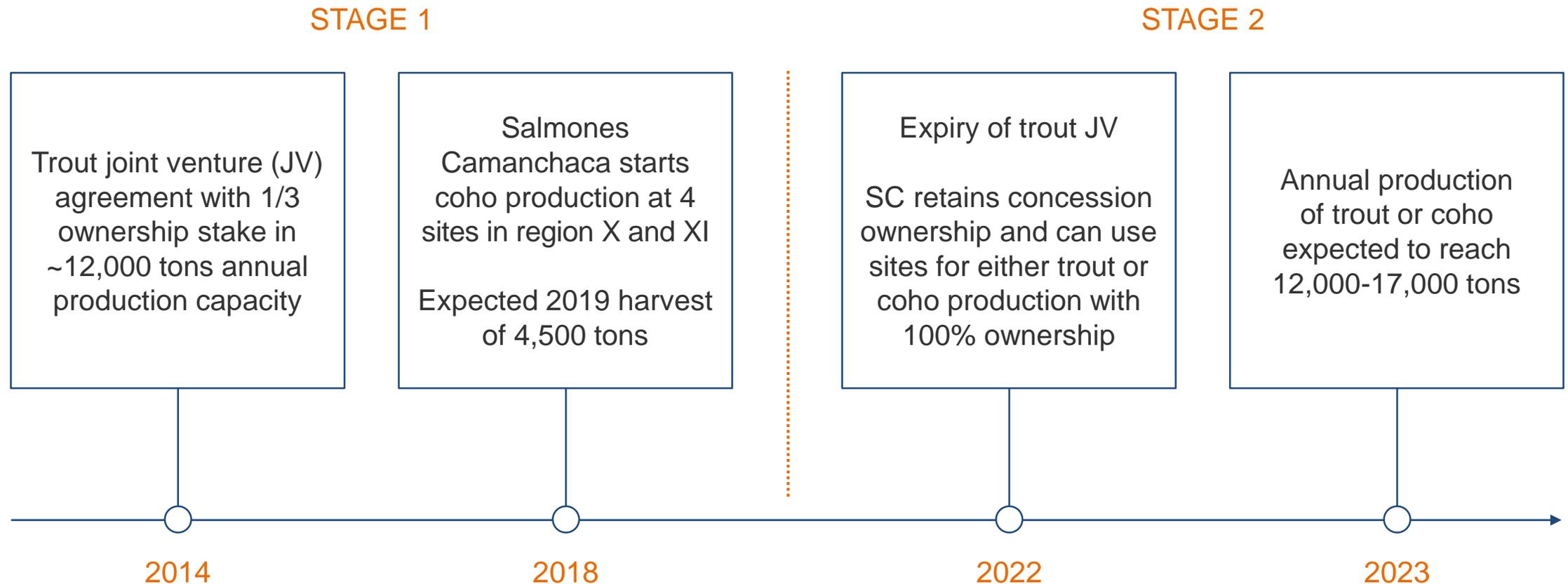




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Other species initiative

# Targeting 12,000-17,000 tons other species production by 2023



# Coho has attractive qualities and strong growth potential

## Advantages

- Well adapted to local sanitary conditions
  - Low SRS prevalence
  - Low antibiotic usage
  - Completely immune to sea lice
  - Short production cycles of 8-9 months
- Strong volume growth potential

## Coho situation at active sites

Aug. 2019

|                       |             |
|-----------------------|-------------|
| # of coho in the sea  | 1.4 million |
| Average weight        | 1.9 kg      |
| Accum. mortality rate | 2%          |
| Feed conversion ratio | 1.14        |
| Antibiotic treatments | 0           |
| Sea lice treatments   | 0           |

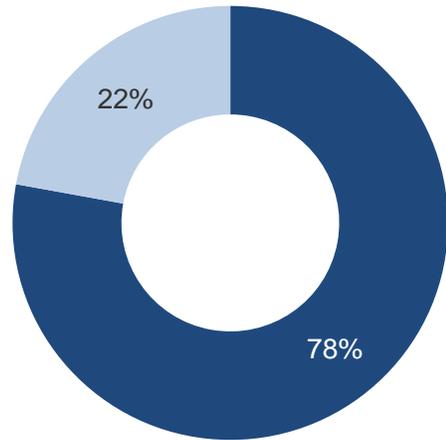
## Limitations

- Harvest seasonality due to maturity
- Lower average weight
- Requires pre-rigor processing
- Market dependence
  - 80% of Chilean coho sold to Japan

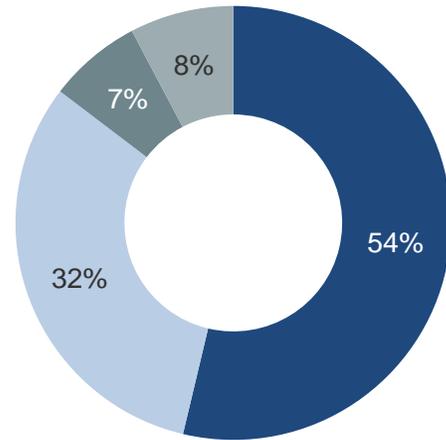


# Japan is currently the main market for coho

2019 coho sales and product distribution forecast



■ HG+HON ■ Value Added



■ Japan ■ USA ■ Brasil ■ Others



# Other species initiative infrastructure investment needs

| Year      | Investment area |                                                                                                                | Estimated amount       |
|-----------|-----------------|----------------------------------------------------------------------------------------------------------------|------------------------|
| 2021      | Freshwater*     | <ul style="list-style-type: none"> <li>• Egg-supply</li> <li>• Smolt production</li> </ul>                     | US\$ 20 million*       |
| 2022      | Seawater*       | <ul style="list-style-type: none"> <li>• Site infrastructure</li> </ul>                                        | US\$ 30 million*       |
| 2022-2023 | Processing      | <ul style="list-style-type: none"> <li>• Pre-rigor filleting</li> <li>• HG continuous frozen-tunnel</li> </ul> | US\$ 10 million        |
| 2023      | Seawater        | <ul style="list-style-type: none"> <li>• Working capital</li> </ul>                                            | US\$ 30 million        |
| 2021-2023 | <b>Total</b>    |                                                                                                                | <b>US\$ 90 million</b> |

\*Amounts will vary depending on the mix between own infrastructure and third-party services

Salmones Camanchaca will also invest continuously in activities related to market development, such as product development and targeted marketing efforts.



# Operational efficiency and biological control throughout the value chain

- Fully integrated operations, isolation and geographical dispersion ensure biological and sanitary control
- Freshwater production optimized through high-quality smolt: Lochy strain, genetic program, hybrid and AquaGen initiatives and gender selection
- Seawater investments in productivity and initiatives to promote growth and reduce antibiotics
- Investments and improvements implemented to address biological challenges
- Significant processing investment program to secure high level of productivity and market flexibility
- Growth initiative within other salmonid species, trout and coho, targeting 12,000-17,000 tons in 2023. Total production goal is 75,000-80,000 tons in 2023





# Sustainable and transparent salmon farming

Capital markets day | August 2019

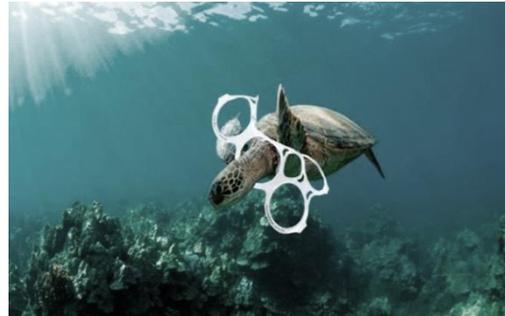
Alfredo Tello, Technical & Sustainability Manager



# Trends influencing our business



Climate change



Care for oceans and ecosystems in general



Healthy and conscious eating habits



Natural resource scarcity



Human rights



Crisis of trust



Digital transformation



Social tsunami



# We will not be spectators to the challenges facing our planet



\* Salmones Camanchaca contributes to 8 of the 17 UN sustainable development goals

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Be the industry leader in sustainable operations

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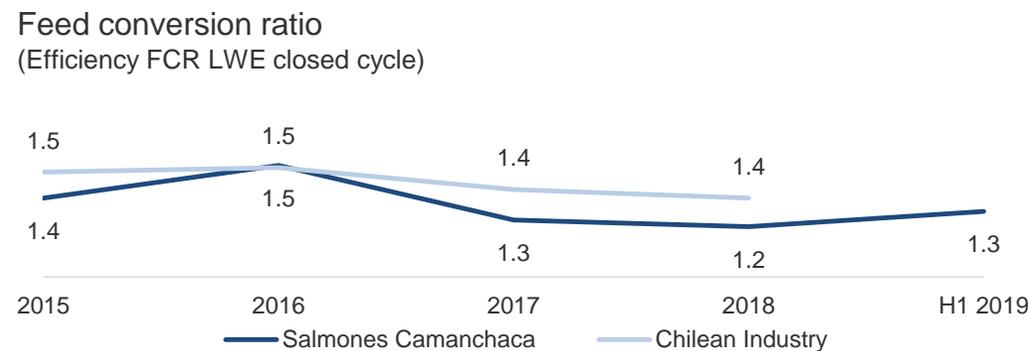
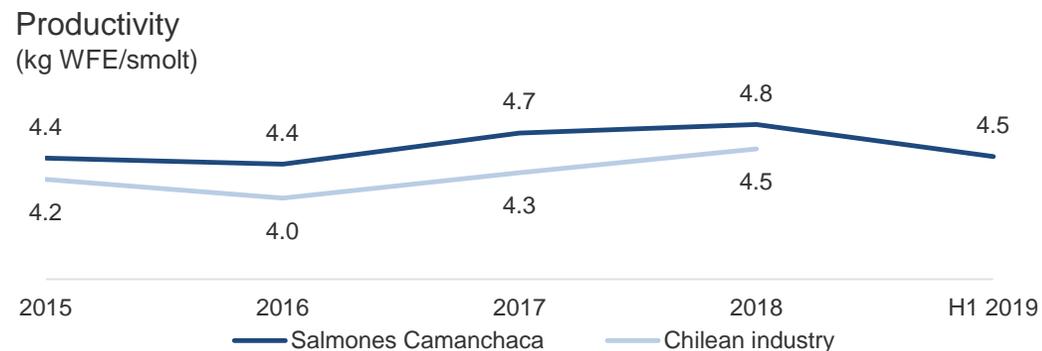
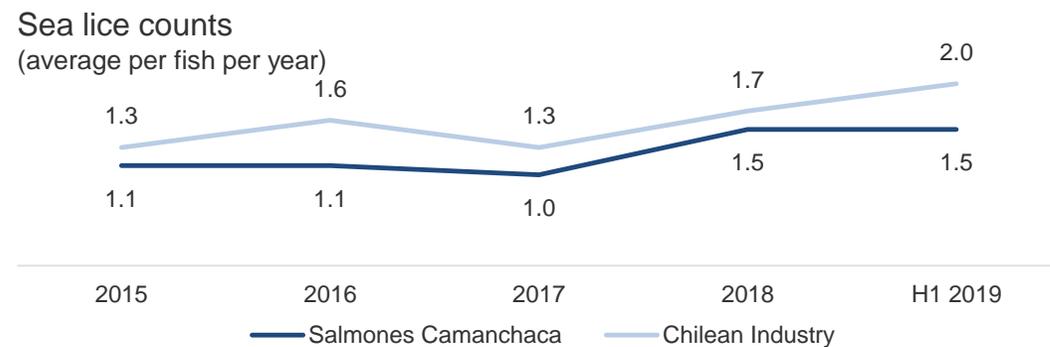
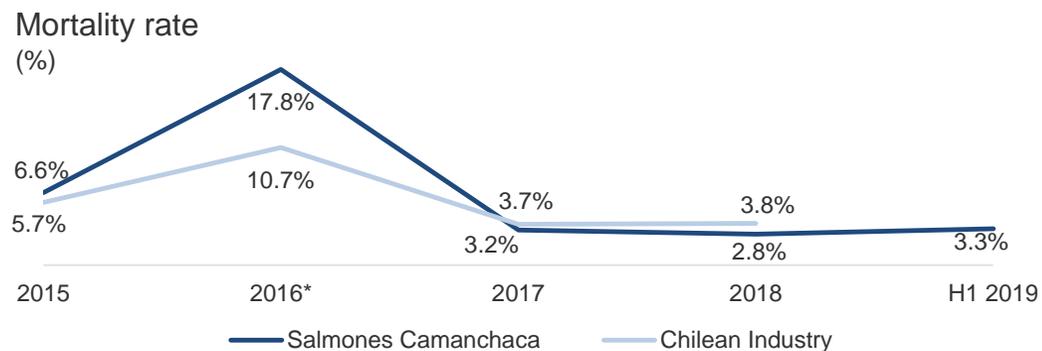
Maintain the highest level of transparency

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Be a driving force within the industry



# Positive development recent years

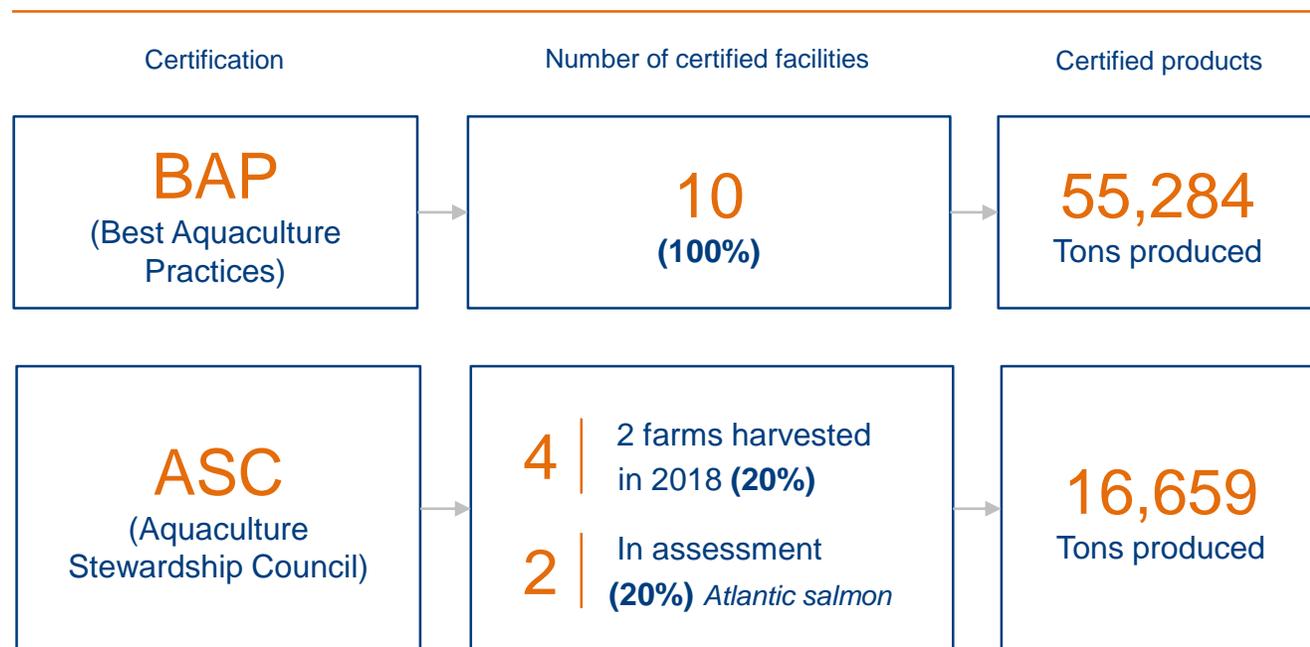


\* Affected by HAB



# Strong commitment to sustainable farming

## Certifications



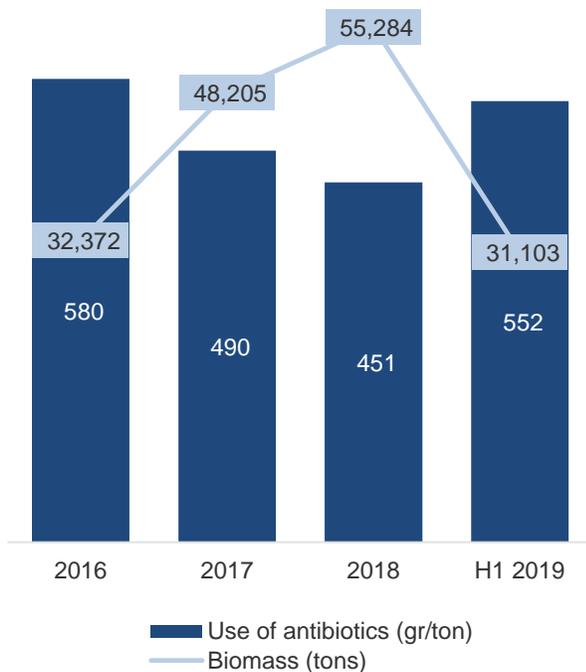
## Corporate social responsibility



# Targeting a sustainable future

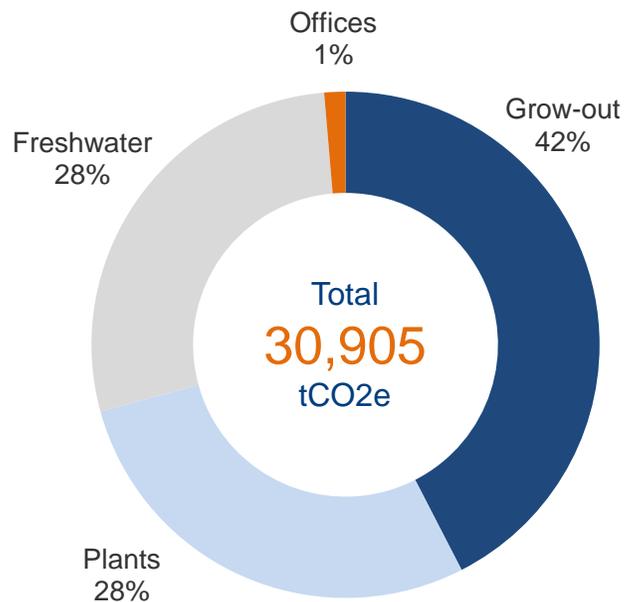
## Use of antibiotics

Antibiotic use (open cycle) vs. biomass produced



## GHG emissions

Distribution of GHG emissions 2018 by business unit



## Solid waste from operations

Categorization and quantification of solid wastes from operations (May 2018 – August 2019)



# We have improved but there is room for further progression

## Community Perception Study 2018 (vs. 2014)



Local employment considered relevant contribution to territory



What the company takes away from the territories does not match its contribution. Communities have greater expectations



Relationship between local communities and the company has strengthened but addressing certain issues takes too long



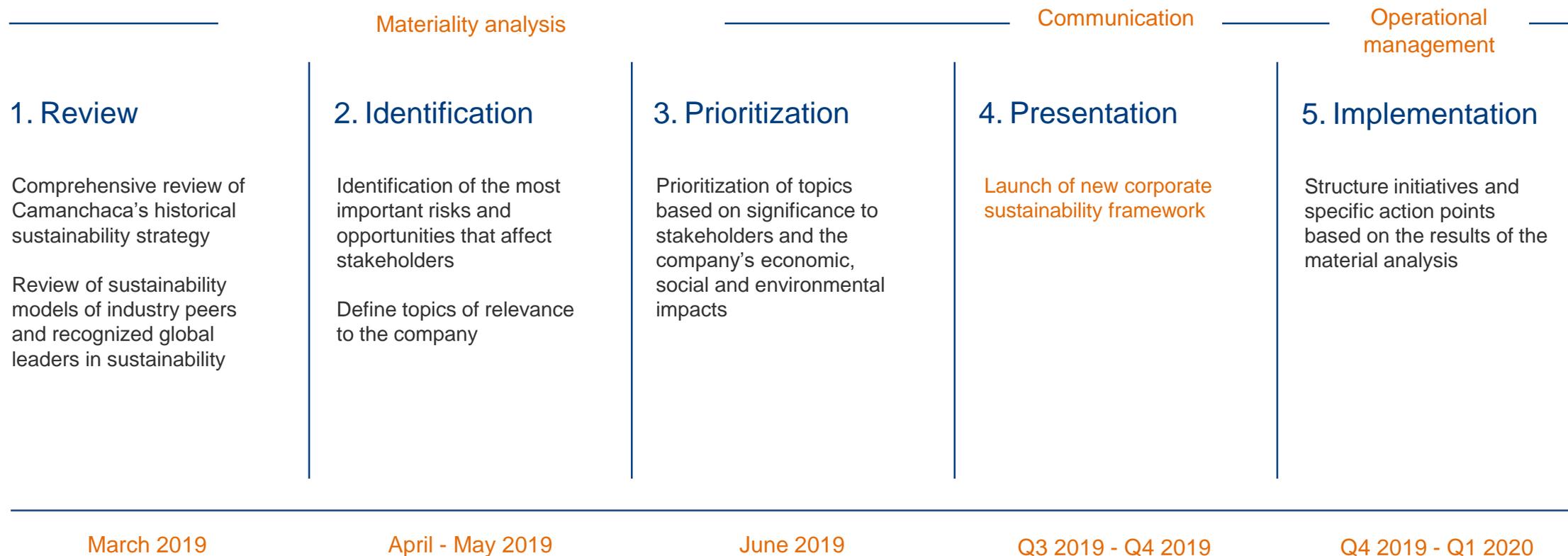
Negative perception of environmental performance has been reduced but is still present



Communities and authorities are open to- and will welcome increased interaction with the company



# Refining our sustainability framework





Help satisfy the growing need for healthy  
and sustainable protein, and in  
doing so contribute to a better future  
for our planet and humanity



# Salmones Camanchaca's sustainability model

## Healthy and Nutritious food



Premium quality, healthy, nutritious, sustainable and responsible with fish welfare

## Healthy Ecosystems



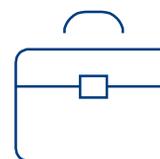
Maintain the structure and function of the aquatic and terrestrial ecosystems in which we operate

## Prosperous communities



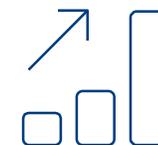
Operations integrated in harmony with the territory and its inhabitants

## Meaningful jobs



Teams that are committed and conscious of their impact

## Profitable and responsible business



Resilient and profitable business, committed with the creation of value for all stakeholders



# Our performance matrix

## Healthy and Nutritious food

### FOOD SAFETY COMPLAINTS

2018: 0

### STOCKING DENSITY

2018: < 17kg/m3

## Healthy Ecosystems

### ANTIBIOTICS USE

2018: 451 gr/ton

### ESCAPES

2018: 0

### FEED CONVERSION RATIO\*

2018: 1.2

### SOLID WASTES

2018: 4,798 ton

### FISH IN: FISH OUT RATIO

2018: 0.6

## Prosperous communities

### COMMUNITY ENGAGEMENT ACTIVITIES

2018: 244

### LOCAL EMPLOYMENT

2018: 57%

### LOCAL TAXES

2018: 50%

## Meaningful jobs

### EMPLOYEE TRAINING HOURS

2018: 23,269

### # OF ACCIDENTS

2018: 34

## Profitable and responsible business

### COMPLIANCE POLICIES & TRAINING

2018: 85%

### EBITDA/TOTAL ASSETS

2018: 24%

\* Efficiency FCR LWE closed cycle



# Ambitions for a sustainable future

## ASC

majority of production  
certified by 2021

## Carbon neutral

by 2025

## 50% reduction

in the use of antibiotics  
by 2025

## Communities

Be an increasingly  
valuable member of  
our communities



# Majority of production ASC certified by 2021

100% of Salmones Camanchaca's operations currently undergoing ASC Certification Audits

## We seek compliance with key sustainability principles

Regulatory compliance

Biological conservation

Efficient use of natural resources

Fish health and welfare

Social responsibility

Community engagement

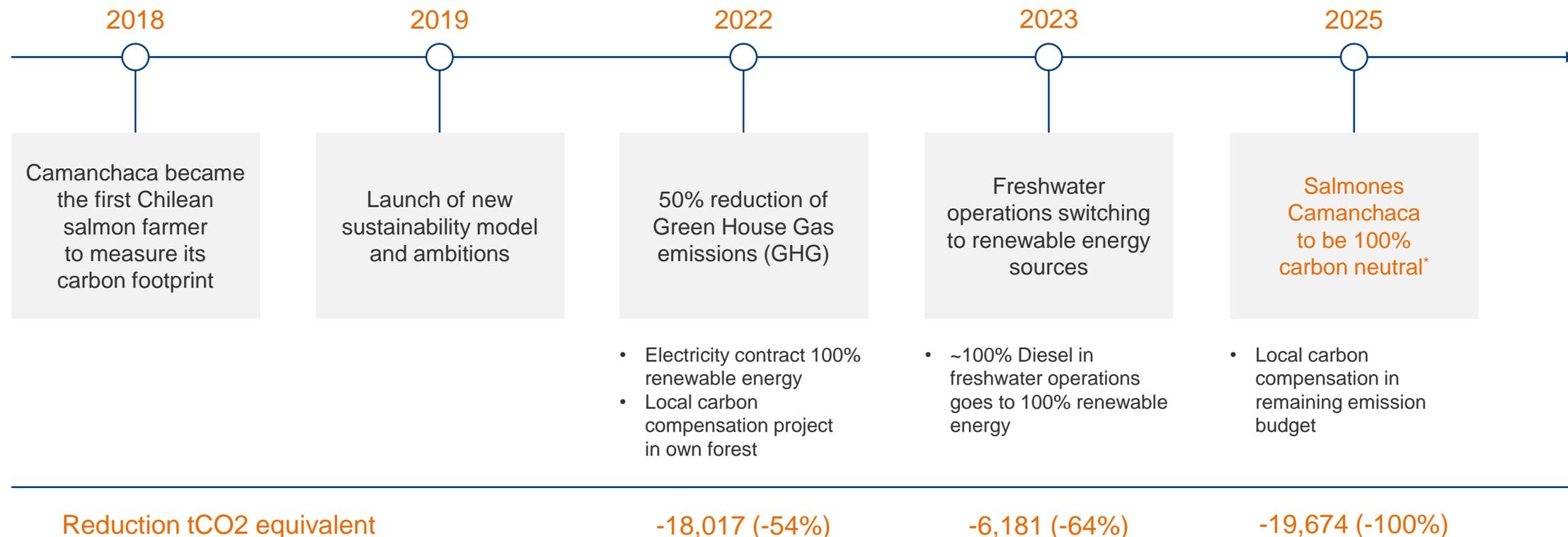


## We are currently working on

- Strategic use of in-feed medical treatment Lufenuron
- Leading the use of non-medicinal treatments in Chile
- Assessing wellboat treatments with water treatment for chemical removal and sea lice removal
- Genetic enhancement program
- Support of basic R&D to solve knowledge gaps



# A carbon neutral company by 2025

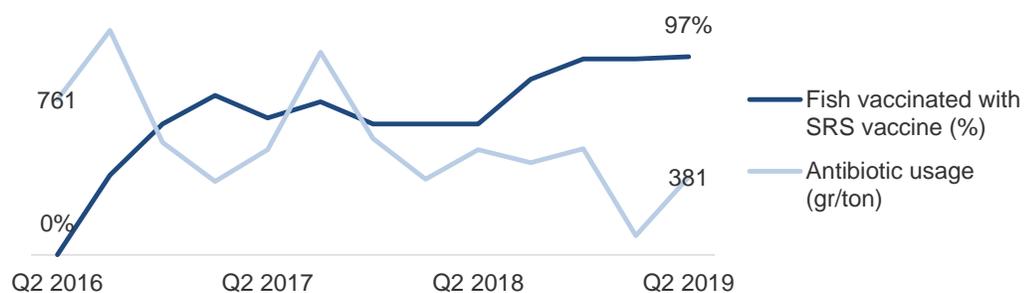


\* Carbon Neutral ambition based on Scope 1 and Scope 2 emissions according to GHG Protocol, plus waste disposal as part of Scope 3

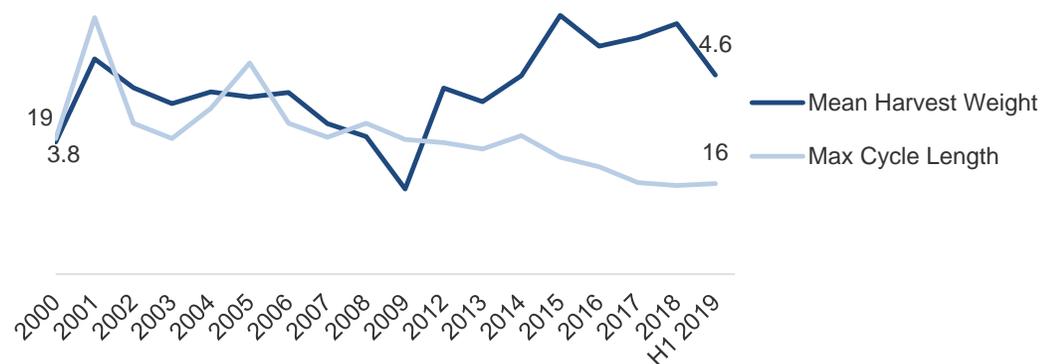


# 50% reduction of antibiotic usage by 2025

Vaccination vs. Antibiotic usage



Shorter cycles at sea



- A prime site portfolio
- Best operational practices
- State of the art vaccines
- Cycle length, reducing time at sea
- Genetics/strain
  - Development of fast growing Lochy and hybrid strains
  - Gender selection
  - Promote growth and reduce feed conversion ratio
  - Photoperiod (Reduce maturity and increase growth)
- Control of environmental conditions
  - Isolation of sites in cooperation with other farmers
  - Clean nets the whole cycle
  - Early detection of bacteria
- Engaged in SeaFood Watch – SalmonChile program to reduce the use of antibiotics by 50% towards 2025





# Be an increasingly valuable member of our communities

New Department created in Salmones Camanchaca  
(Corporate Affairs and Community Relations)



Leveraging on existing and new talent

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Transform the way we relate with our communities

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Deep diagnosis for new strategy development

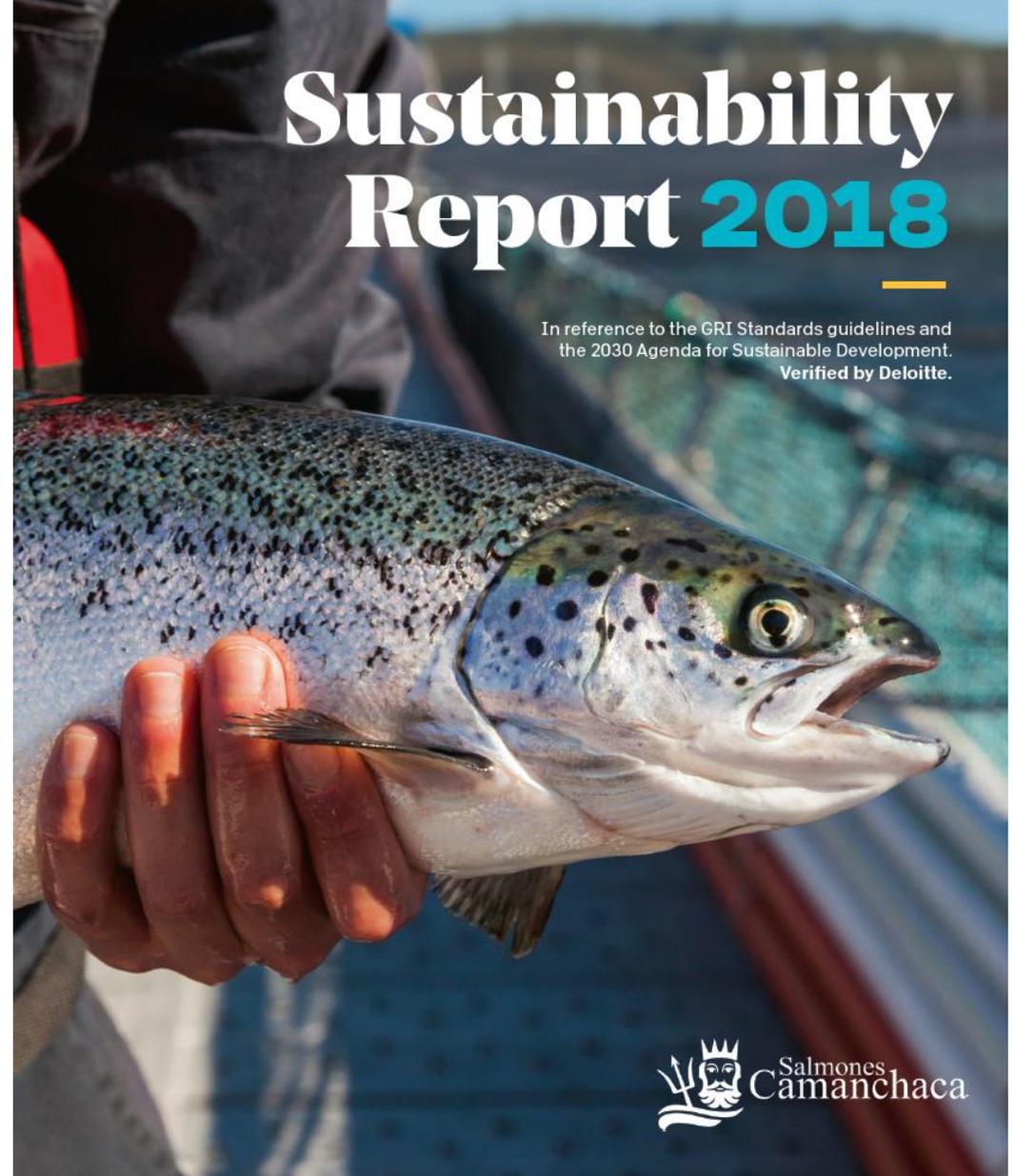
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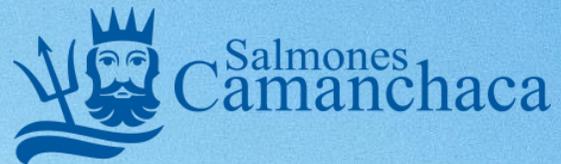
Strategic vision of social licence and risk



# A key pillar in our plan for value creation

- Sustainability provides a purpose beyond profit that will have a positive impact on our teams, key stakeholders and the business
- We have expanded the boundaries of responsibility and impact and set clear and progressive ambitions for the future
- We have committed the necessary talent and resources to meet our ambitions





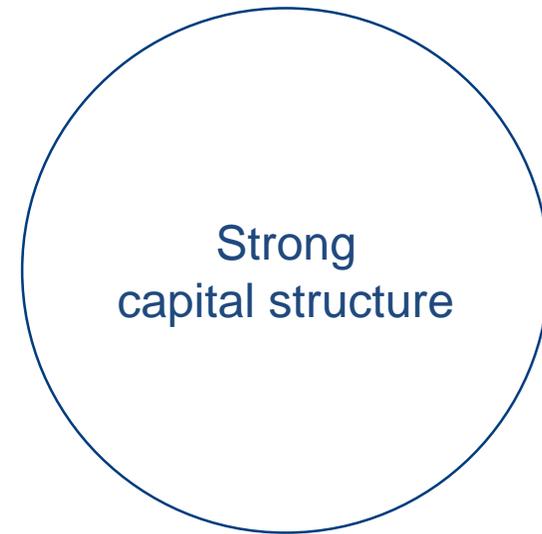
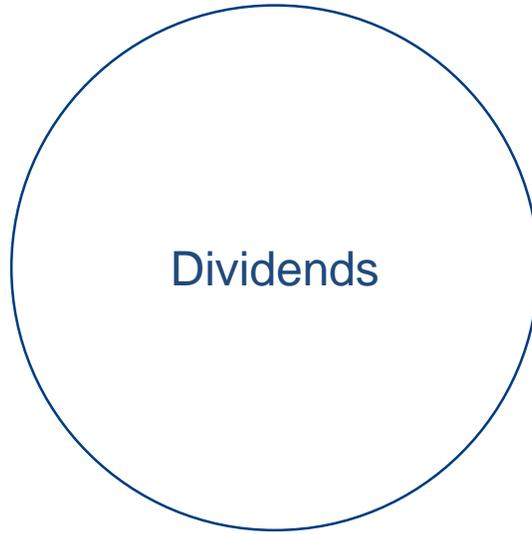
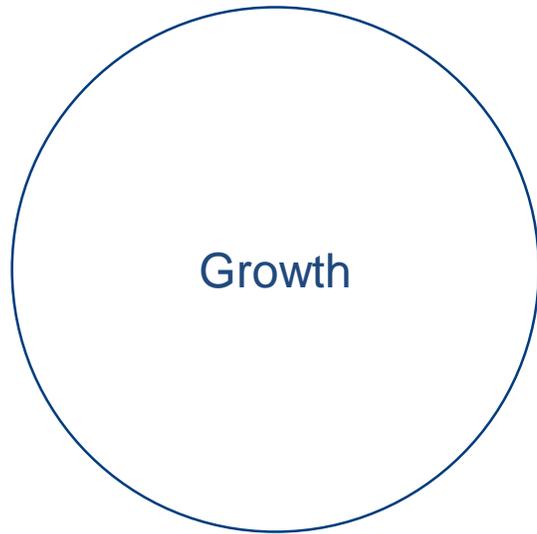
# Financial review

Capital markets day | August 2019

Daniel Bortnik, CFO



# Deliver competitive long term returns to our shareholders



# Share performance since IPO: +66%\*

## Share and index performances since IPO

Rebased at NOK 42.00 - Salmenes Camanchaca at February 2, 2018



\* Refers to SALMON share price on Oslo Stock Exchange at 16 August 2019

## Dividend Policy

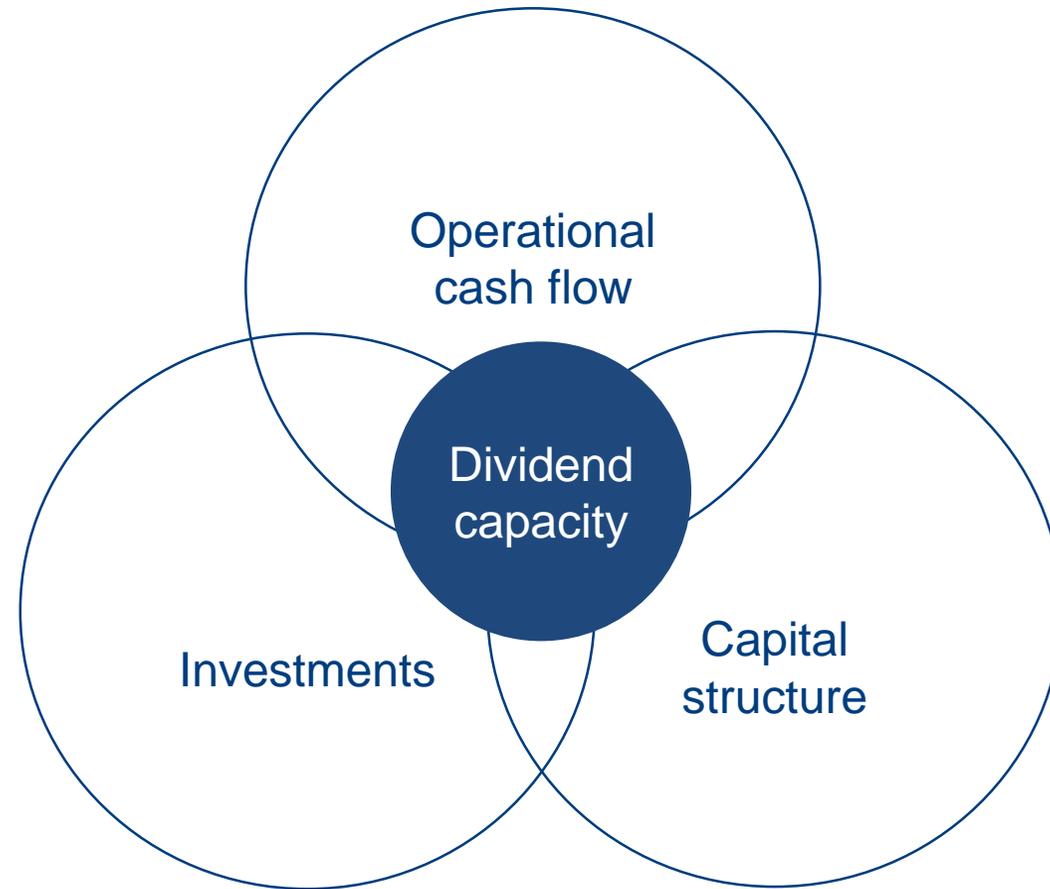
- Minimum 30% of net distributable profit
- 2017 dividend pay-out-ratio: 30%
- 2018 dividend pay-out-ratio: 50%

## Profitability

- Return on Equity LTM H1 2019: 24%
- Return on Assets LTM H1 2019: 27%



# Dividend capacity foundation



# Resource efficient growth

## Harvest volume\*

Thousand tons WFE



\* Does not include trout JV 2016 - 2022. Average annual harvests: ~12,000 tons WFE

## Atlantic Salmon

- Maximizing use of own concessions
- Biological control
- Risk diversification through regions X and XI

## Other species

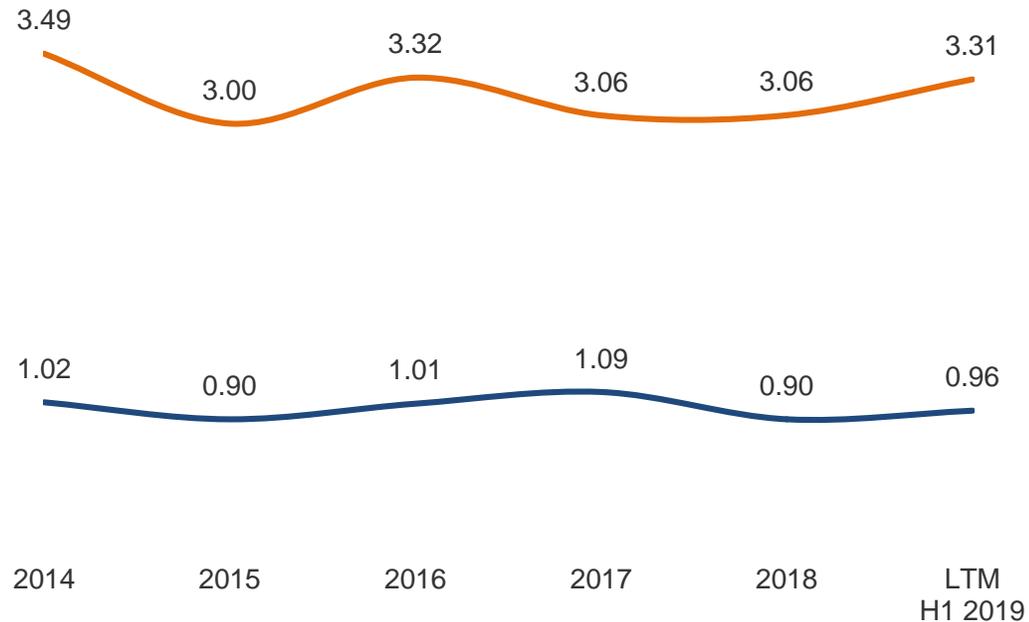
- Utilize trout JV stocking rights from 2023

| Estimated investments  | US\$ million | Year    |
|------------------------|--------------|---------|
| Freshwater and farming | 50           | 2021    |
| Processing             | 10           | 2022-23 |
| Working capital        | 30           | 2023    |
| <b>Total</b>           | <b>90</b>    |         |



# Maintaining operational efficiency

Cost per kg  
US\$



Long-term targets

~ \$3.0/kg  
Ex-cage  
cost (LW)

< \$1.0/kg  
Processing  
cost (WFE)

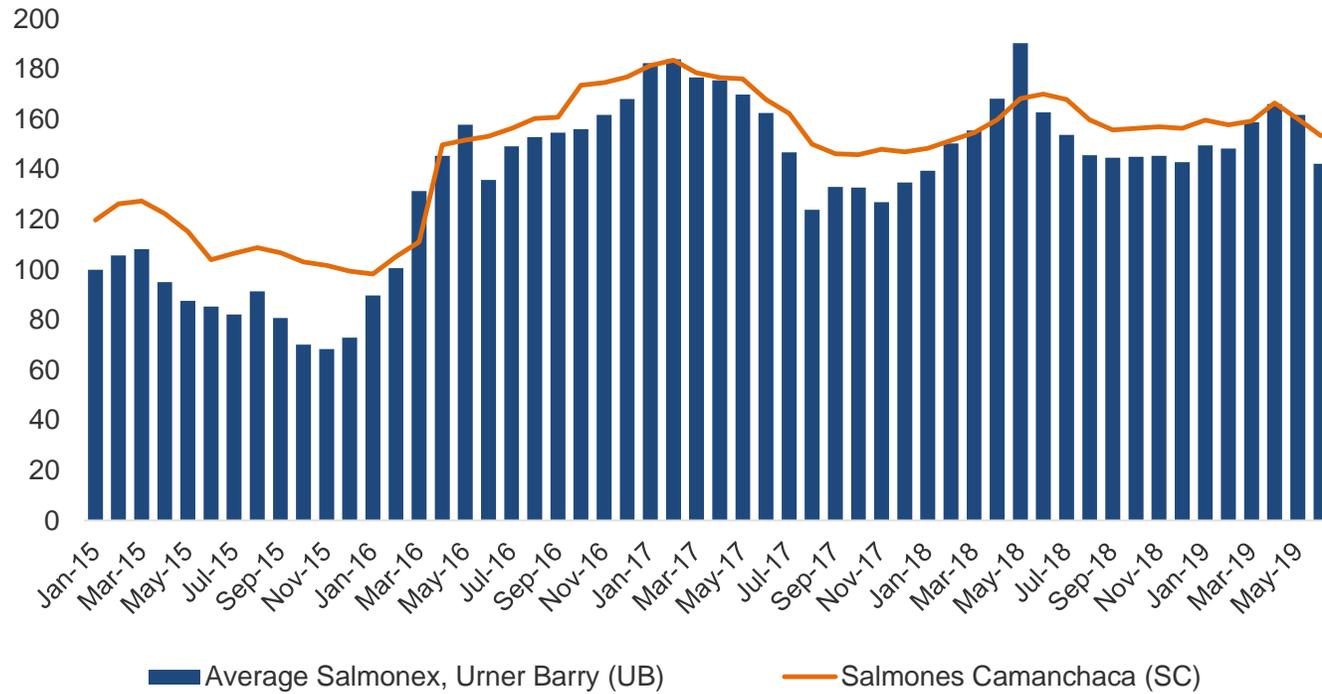
- Biological stability through high-quality breeding
- Safeguarding fish health and ensuring biological control
- Cost efficiency and product flexibility in processing and logistics



# Increased value

## Salmones Camanchaca vs US Benchmark

(Avg Salmonex, Urner Barry, Jan 2015 = Base 100)



- Reduce price differential to non-Chilean competitors in the US
- Develop and leverage product and marketing flexibility
- Strengthen reputation through sustainable operations
- Expand in new categories and markets
- Less volatility: SC standard deviation 0.87 vs. UB 1.15

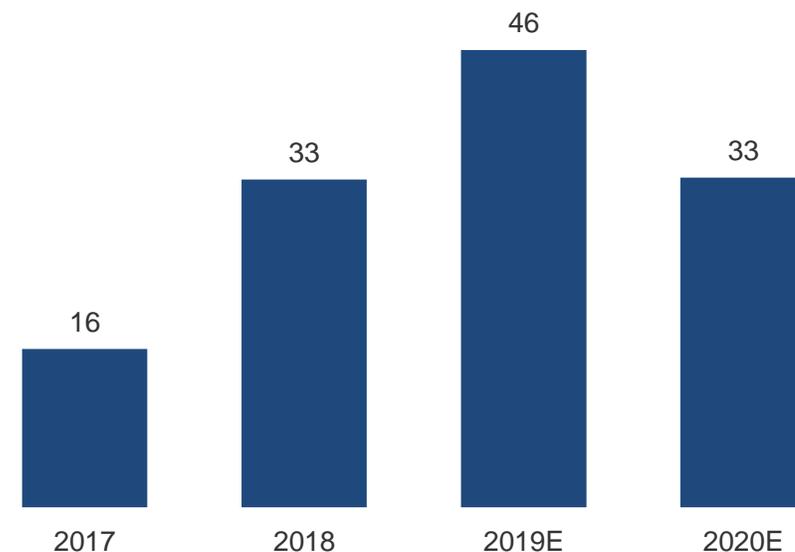


# Investments 2017-2020E

| US\$ million                            | 2017        | 2018        | 2019E       | 2020E     | Status         |
|-----------------------------------------|-------------|-------------|-------------|-----------|----------------|
| Expansion of RAS hatchery               | 3.2         | 3.6         | 0.3         |           | 100% Completed |
| New Atlantic Farming Sites              | 3.5         | 15.1        | 3.8         | 1         | 95% Completed  |
| Pacific salmon (coho)                   |             | 2.7         | 12.4        | 1         | 90% Completed  |
| Primary Process Expansion               | 1.4         | 1.8         | 3.4         | 1         | 90% Completed  |
| Capacity & efficiency of VA plant       | 1.5         | 4.0         | 5.4         | 2         | 65% Completed  |
| Maintenance & other regular investments | 4.7         | 5.0         | 17.8        | 22        |                |
| Regulatory requirements                 | 1.7         | 0.8         | 2.8         | 6         |                |
| <b>Total</b>                            | <b>16.0</b> | <b>33.0</b> | <b>46.0</b> | <b>33</b> |                |

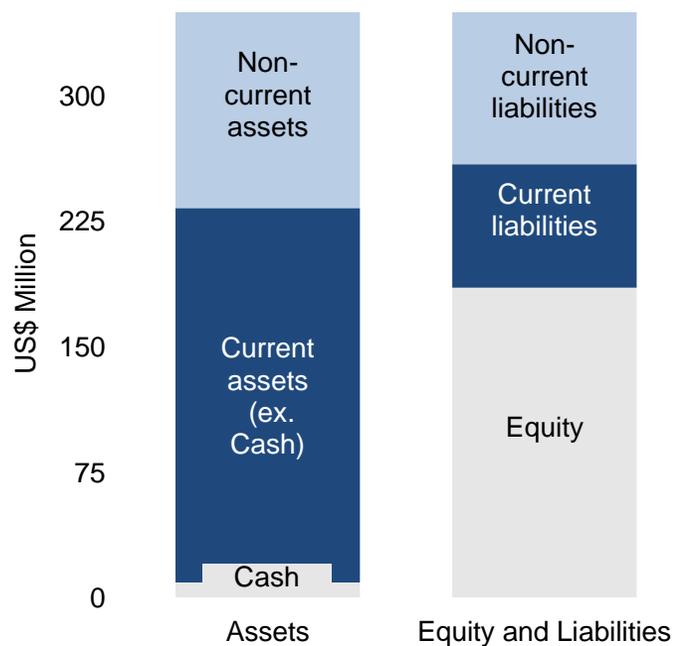
## Total annual investments 2017-2020E

US\$ million

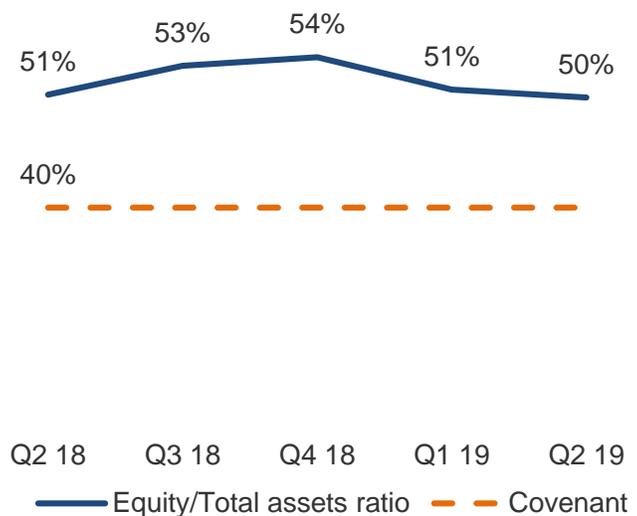


# Solid financial position

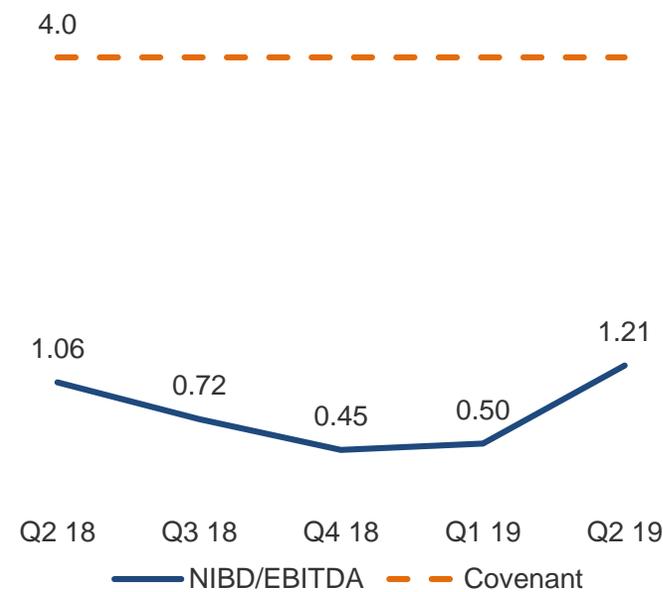
Balance sheet as of 30/06/2019



Equity/total asset



Net interest-bearing debt/EBITDA



# Solid funding

| As of June 30, 2019                 | Total<br>US\$ million | Nominal rate<br>% | Credit lines<br>used<br>US\$ million | Credit lines<br>available<br>US\$ million |
|-------------------------------------|-----------------------|-------------------|--------------------------------------|-------------------------------------------|
| Committed total revolving credit    | 100                   | LIBOR<br>+ 2.25%  | 94                                   | 6                                         |
| Uncommitted short-term credit lines | 28                    |                   | 0                                    | 28                                        |
| <b>Total</b>                        | <b>128</b>            |                   | <b>94</b>                            | <b>34</b>                                 |

- Bank loans and credit facilities
  - Maturity of revolving credit
    - 10% 2020
    - 10% 2021
    - 80% 2022
- US\$ 9.5 million cash holdings



# Our targets

|                               | Subject                                   | Ambitions and targets           | Status                                        |
|-------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------|
| Dividend                      | Competitive long-term shareholder returns | 50% of net distributable profit | 50% for 2018                                  |
| Capital structure and funding | Net debt/EBITDA                           | < 1.5x                          | 1.21 H1 2019 LTM                              |
|                               | Equity/Total assets                       | > 40%                           | 50% 30/6/2019                                 |
| Harvest volume                | Atlantic Salmon                           | 63,000 tons WFE by 2023         | On track: 54,000 FY 2019                      |
|                               | Other species                             | 12,000-17,000 tons by 2023      | On track: 4,500 coho + 7,000 trout JV FY 2019 |
| Cost development              | Ex-cage cost (live weight)                | FY: ~ US\$ 3/kg                 | US\$ 3.31 H1 2019 LTM                         |
|                               | Processing cost (WFE)                     | FY: < US\$ 1/kg                 | US\$ 0.96 H1 2019 LTM                         |





# Highlights

- Q2 2019 Atlantic salmon harvest was 13% of full year estimate
- Increased ex-cage cost due to algae blooms, low oxygen levels and harvest from lower density sites
- Processing cost increased due to lower scale and a larger fraction of value-added in product mix
- Improved price achievement due to increased share of value added products
- Favorable growth and conversion will drive volumes in H2 2019. Expected harvest volume of 37,000-38,000 tons
- Guidance for 2019 Atlantic salmon harvest raised to 54,000-55,000 tons WFE
- Expect to harvest 4,500 tons coho in 2019



# Q2 and H1 2019 financial matrix

| ThUS\$                         | Q2 2019 | Q2 2018 | Δ%     | H1 2019 | H1 2018 | Δ%     |
|--------------------------------|---------|---------|--------|---------|---------|--------|
| Operating Revenues             | 48,179  | 75,093  | -35.8% | 122,055 | 155,653 | -21.6% |
| EBIT before Fair Value         | 1,212   | 13,371  | -90.9% | 15,707  | 29,238  | -46.3% |
| EBITDA before Fair Value       | 4,153   | 16,183  | -74.3% | 21,505  | 34,664  | -38.0% |
| EPS (US\$)                     | 0.1153  | 0.0469  | 145.6% | 0.1696  | 0.2854  | -40.6% |
| Harvests (ton WFE)             | 7,136   | 11,132  | -35.9% | 17,327  | 20 721  | -16.4% |
| Sales (ton WFE Company-farmed) | 7,262   | 10,922  | -33.5% | 18,884  | 21,497  | -12.2% |
| Ex-cage cost (US\$/Kg WFE)     | 4.55    | 3.53    | 29.0%  | 4.07    | 3.33    | 22.1%  |
| Process cost (US\$/Kg WFE)     | 1.37    | 0.93    | 47.3%  | 1.08    | 0.98    | 11.1%  |
| Price (US\$/Kg WFE)*           | 6.60    | 6.26    | 5.5%   | 6.21    | 6.26    | -0.8%  |
| Atlantic EBIT/Kg WFE (US\$)**  | 0.24    | 1.17    | -79.6% | 0.89    | 1.21    | -26.4% |
| NIBD                           |         |         |        | 84,818  | 64,129  | 32.3%  |
| Equity/Assets ratio            |         |         |        | 50%     | 51%     | -0.6pp |

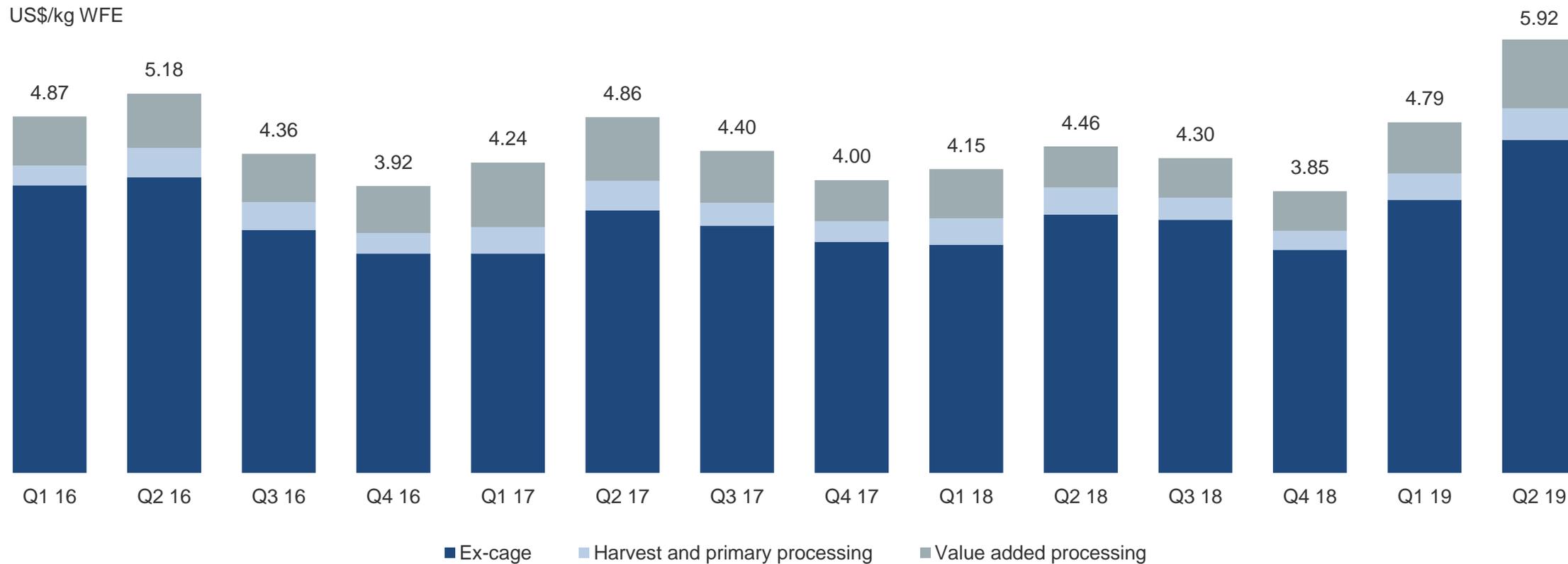
\*Billing in US\$ divided by tons sold excluding operations with third-party raw materials

\*\*Excludes net profit/loss from the trout Joint Venture and operations with third-party raw materials



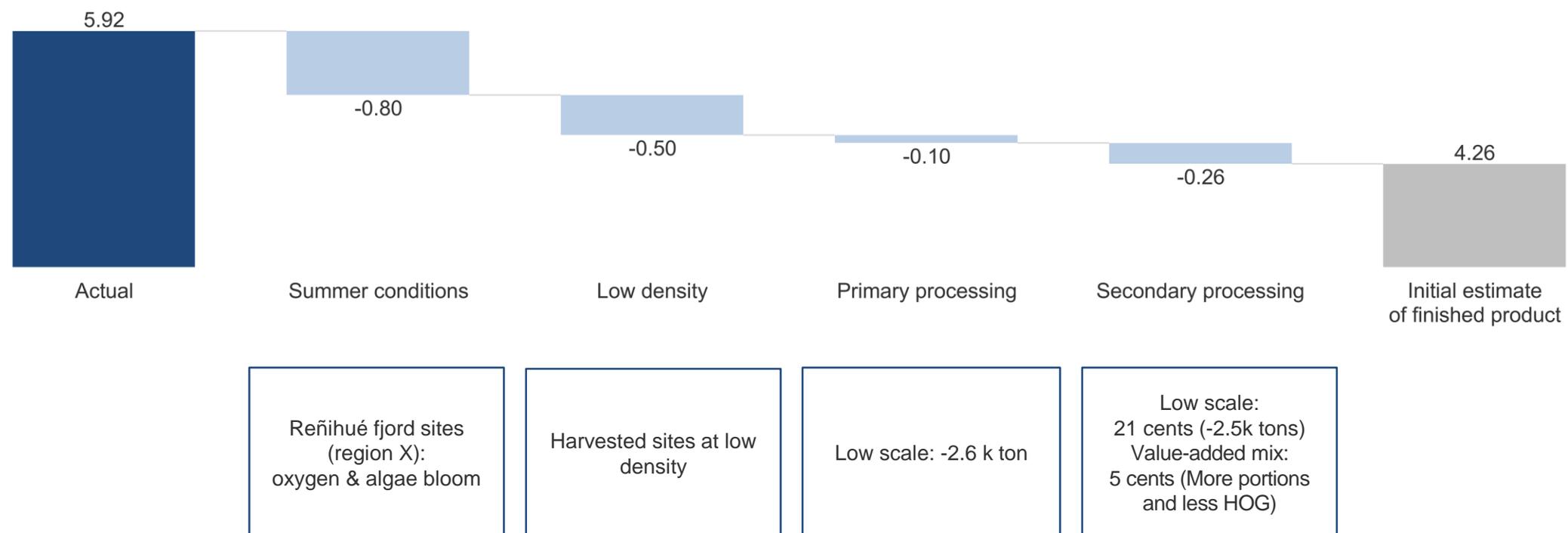
# Costs impacted by biological challenges and lower volume

Atlantic Finished Product Cost  
US\$/kg WFE



# Q2 2019 extraordinary costs

Total production cost  
US\$/Kg WFE



# Cash flow

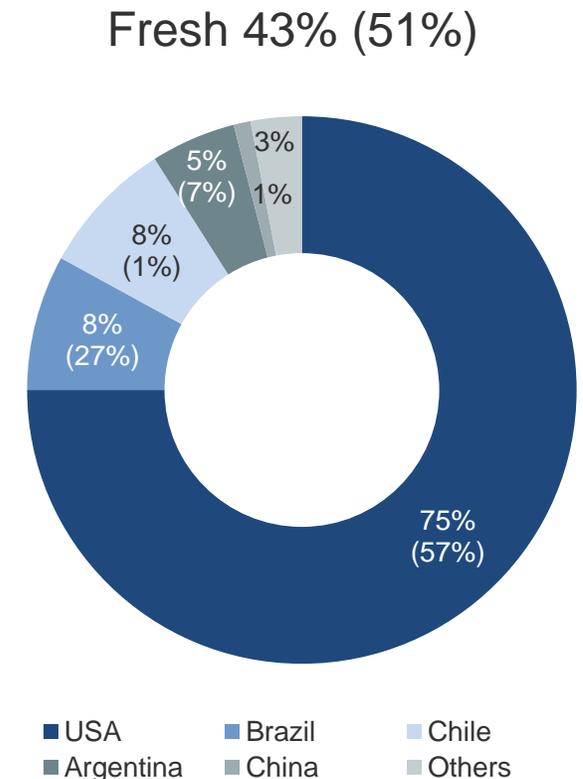
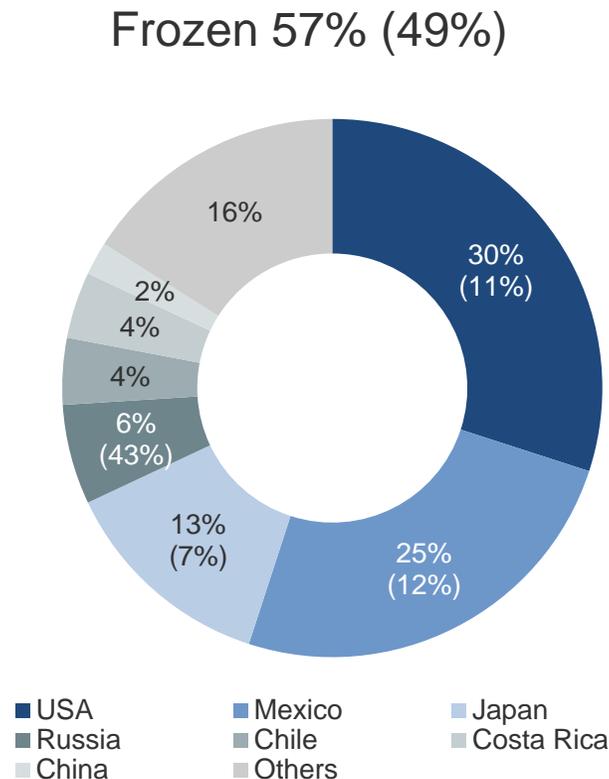
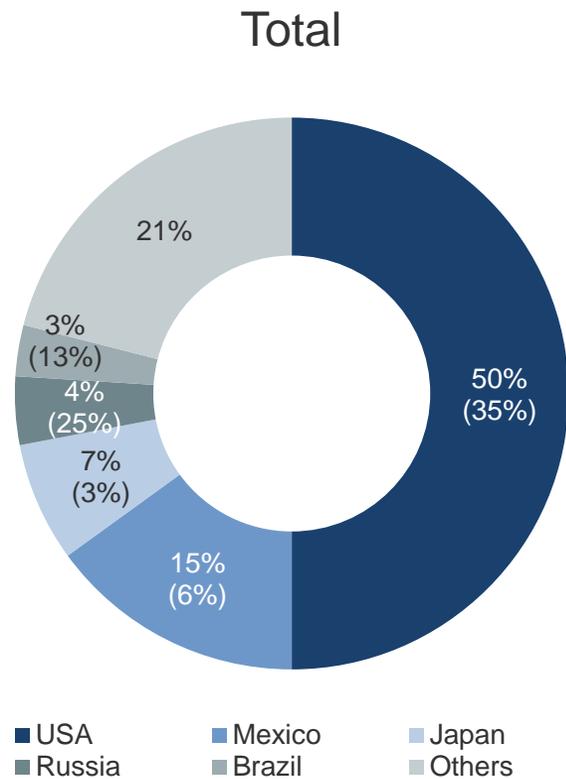
| US\$ million                         | H1 19 | H1 18 |
|--------------------------------------|-------|-------|
| Cash flow from operating activities  | 3.6   | 13.4  |
| Dividends paid (net)                 | -23.2 | -1.9  |
| Taxes paid                           | -5.4  | -0.1  |
| Cash flow from investment activities | -22.6 | -16.4 |
| Cash flow from financing activities  | 44.0  | 20.9  |
| Cash at the end of the period        | 9.6   | 16.3  |

- Operating cash of US\$ 3.6 million affected by low production and working capital for Atlantic salmon and coho biomass
- Dividend pay-out of US\$ 23.2 million and taxes of US\$ 5.4 million
- Investments up some 40% y-o-y, in line with growth and efficiency plans for 2019-2021
- US\$ 44 million from financing activities due to use of the revolving line facility



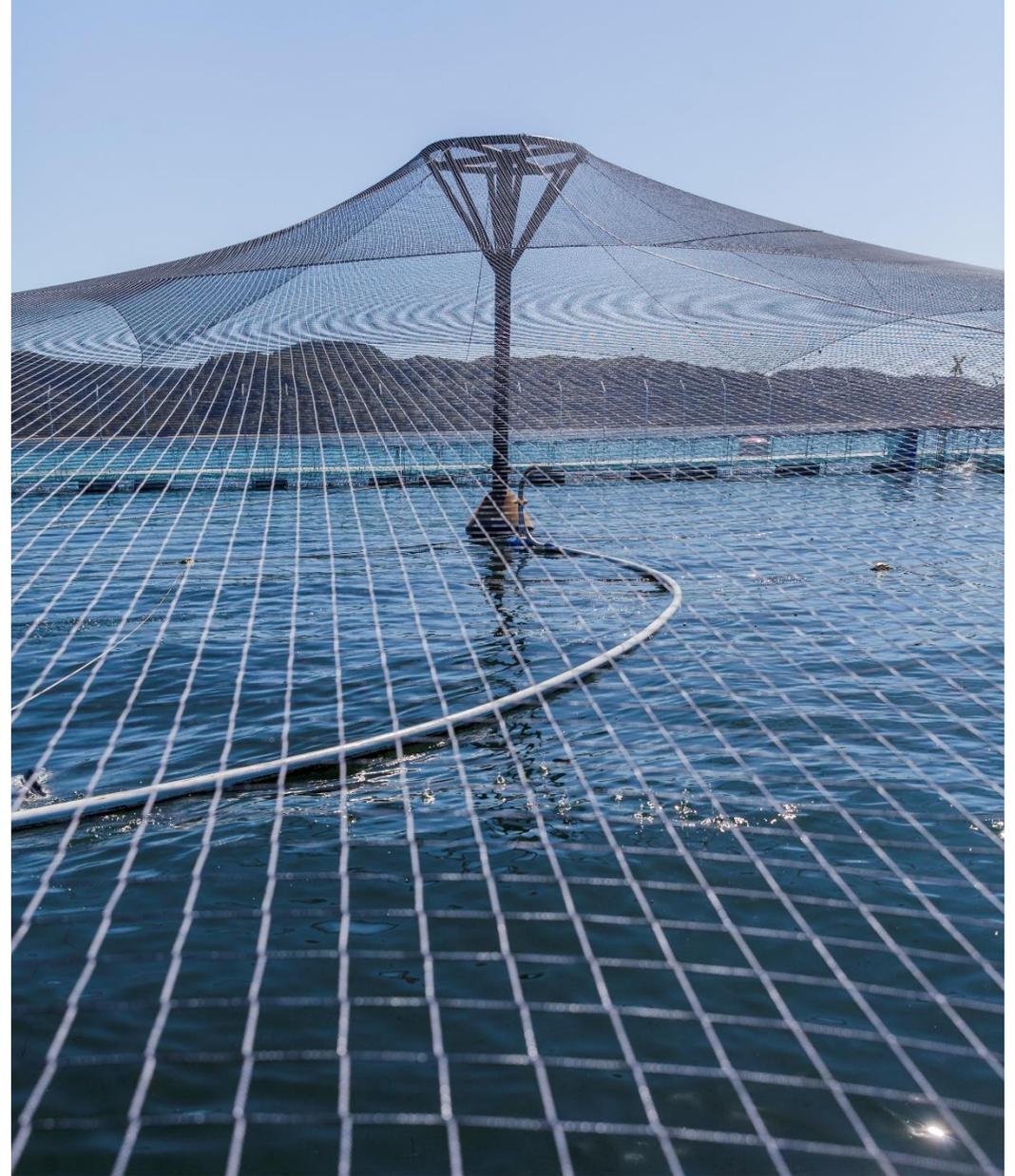
# Sales distribution of Atlantic salmon based on US\$ sales

Q2 2019 (Q2 2018)



# H1 2019 Summary

- Extraordinarily low-scale quarter, as expected, Atlantic harvest volume 13% of full year estimate
- Earnings impacted by higher costs, driven by algae blooms, low oxygen and harvest from low-density sites
- Higher processing costs due to lower volumes
- Harvest forecast for 2019 raised to 54,000-55,000 tons due to high expected harvest of 37,000-38,000 tons in H2 2019





# Summary and closing remarks

Capital markets day | August 2019

Ricardo García, Vice Chairman

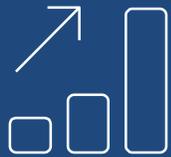


# The Chilean opportunity

- Delivering on our IPO promises and setting ambitious sustainability goals
- Taking all necessary actions to address biological challenges
- Focused on organic, cost-efficient and sustainable growth, now including other species
- Increasing processing flexibility to better exploit market opportunities
- We continue to be an outstanding opportunity to have Chilean salmon exposure



# A sustainable, low-cost producer with clear growth and value creation potential



## Resource efficient growth

Reach 75-80,000 tons by 2023 using existing sites and improve operational efficiency



## Focused market development

Ensure processing capacity and flexibility to target core markets



## Progressive sustainability

Become carbon neutral by 2025 and ASC certify majority of production by 2021





Feeding the world from the *ocean*