UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) **September 4, 2018**

AquaBounty Technologies, Inc.

(Exact name of registrant as specified in its charter)

Delaware	**001-36426**	**04-3156167**
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

2 Mill & Main Place, Suite 395, Maynard, Massachusetts	**01754**
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code **978-648-6000**

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

[ ] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
[ ] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
[ ] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
[ ] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 or Rule 12b-2 of the Securities Exchange Act of 1934.

Emerging growth company x

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 7.01 Regulation FD Disclosure.

On September 6, 2018, AquaBounty Technologies, Inc. management will make presentations at the H.C. Wainwright & Co. 20th Annual Global Investment Conference. A copy of the presentation is furnished herewith as Exhibit 99.1 and is incorporated herein by reference.

The information included in this Current Report on Form 8-K pursuant to Item 7.01, including Exhibit 99.1 attached hereto, is intended to be furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Securities Exchange Act of 1934, except as expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
99.1	Investor presentation, furnished herewith.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

AquaBounty Technologies, Inc.
(Registrant)

September 4, 2018

/s/ David A. Frank
David A. Frank
Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	Description
99.1	Investor presentation, furnished herewith.


AquaBounty Technologies
AquaBounty

Forward-Looking Statements

Safe Harbor Statement

This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements other than statements of historical fact contained in this presentation are forward-looking statements, including, but not limited to, statements regarding the economic viability of land-based production facilities and the profitability of AquaBounty; projected growth in seafood consumption and expansion of the aquaculture industry; the potential for consumer acceptance and establishment of AquAdvantage salmon ("AAS") in the market and branding of the product; sales channels to be used; the timing of the introduction of AAS eggs to, and harvest of AAS in, the U.S.; the completion of current construction projects in PEI; the completion of field trials, approval of AAS, and potential relationships with local partners in other markets; non-exposure to pathogens, parasites, or environmental contaminants; the potential for and form of future funding; future licensing opportunities; and the expansion of AquaBounty's production output. Although management believes that the plans, objectives, and expectations reflected in or suggested by these forward-looking statements are reasonable, all forward-looking statements involve risks and uncertainties, and actual future results may be materially different from the plans, objectives, and expectations expressed in this presentation. These risks and uncertainties include, but are not limited to, (i) the anticipated benefits and characteristics of AAS; (ii) the uncertainty of achieving the business plan, future revenue, and operating results; (iii) developments concerning our research projects; (iv) our ability to successfully enter new markets or develop additional products; (v) competition from existing technologies and products or new technologies and products that might emerge; (vi) actual or anticipated variations in our operating results; (vii) our cash position and ability to raise additional capital to finance our activities; (viii) market conditions in our industry; (ix) our ability to protect our intellectual property and other proprietary rights and technologies; (x) our ability to adapt to changes in laws or regulations and policies; (xi) the ability to secure any necessary regulatory approvals to commercialize any products; (xii) the rate and degree of market acceptance of any products developed through the application of genetic engineering, including genetically modified fish; (xiii) our ability to retain and recruit key personnel; (xiv) the ability of our majority shareholder, Intrexon Corporation, to control us; (xv) the success of any of our future acquisitions or investments; (xvi) international business risks and exchange rate fluctuations; (xvii) the possible volatility of our stock price; (xviii) our limited operating history and track record of operating losses; and (xix) our estimates regarding expenses, future revenue, capital requirements, and needs for additional financing. We caution you that the foregoing list may not contain all of the risks to which the forward-looking statements made in this presentation are subject. For a discussion of other risks and uncertainties, and other important factors, any of which could cause our actual results to differ from those contained in the forward-looking statements, see AquaBounty's public filings with the Securities and Exchange Commission ("SEC"), available on the "Investors" section of our website at www.aquabounty.com and on the SEC's website at www.sec.gov. Forward-looking statements are not promises or guarantees of future performance, and we may not actually achieve the plans, intentions, or expectations disclosed in our forward-looking statements. Actual results or events could differ materially from the plans, intentions, and expectations disclosed in the forward-looking statements we make, and you should not place undue reliance on our forward-looking statements. Our forward-looking statements do not reflect the potential impact of any future acquisitions, mergers, dispositions, joint ventures, or investments that we may make. All information in this presentation is as of the date of its release, and AquaBounty undertakes no duty to update or revise this information unless required by law.

AquaBounty

Overview

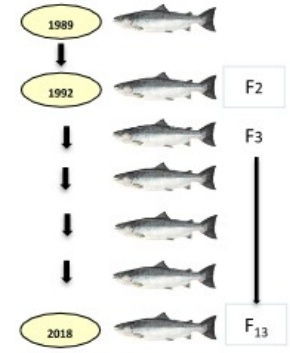
AquaBounty Technologies, Inc.

- Biotechnology company focused on enhancing productivity in the $176b aquaculture market through genetic modification and other molecular biologic techniques.
- First product, *AquAdvantage® Salmon (AAS)* - a faster-growing Atlantic salmon, has been approved by the FDA and Canadian regulatory authorities for its production, sale and consumption in the United States and Canada.
- AAS enables the economic viability of land-based production facilities, which provide a sustainable alternative to current net pen production.
- Commenced commercialization in 2017 with the sale of AAS in Canada.

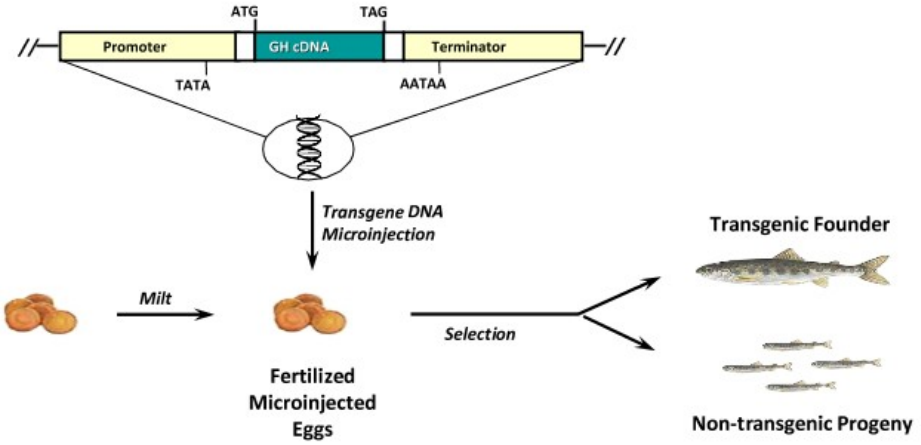
"Our mission is to raise the world's finest, healthiest, most sustainable Atlantic salmon – delivered with the greatest nutritional benefits and the smallest environmental footprint"

AquaBounty

The Technology – AquAdvantage Salmon



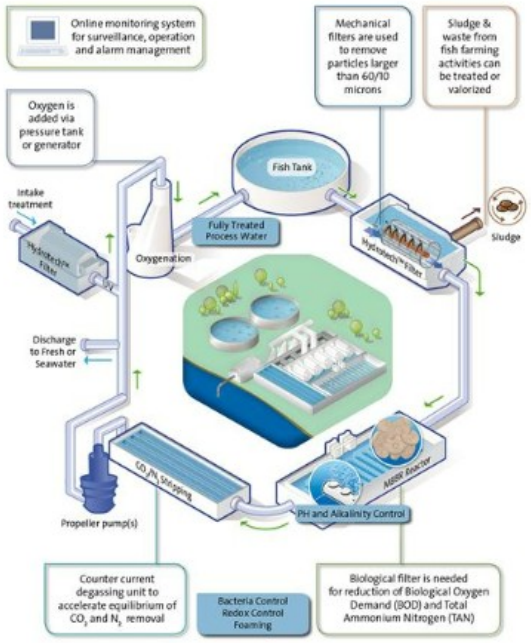
Line bred conventionally from founder for 13 generations



- A Chinook growth hormone gene is integrated into the genome of an Atlantic salmon that reduces the time to market from three years to 18 months.
- AAS are raised as all female and triploid.

AquaBounty

The Technology - Land-based Aquaculture



AAS reaches target weight in shorter time and consumes less feed to reach target weight than conventional Atlantic Salmon.

AAS enables this land-based, environment-friendly production system to be economically viable versus current sea-cage production systems.

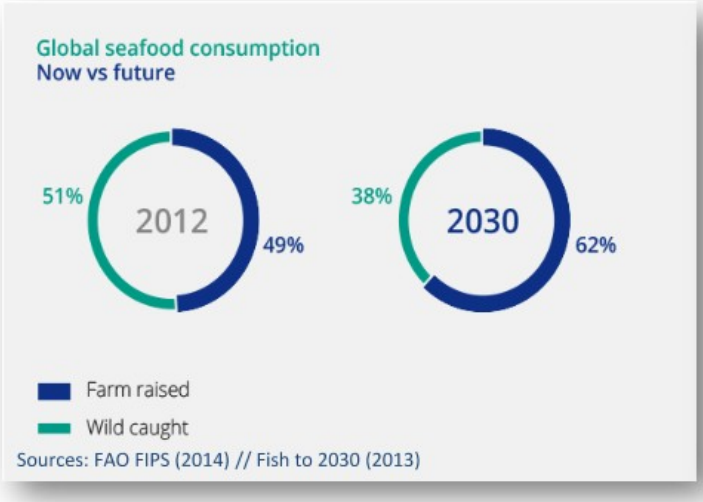
AAS will be raised in Recirculating Aquaculture Systems (RAS) away from the ocean, eliminating the risk of pollutants or contaminants that could harm marine ecosystems.

RAS production will allow AAS to be raised in optimized conditions with total control of the water coming in and going out, while recycling greater than 95% of the water used.

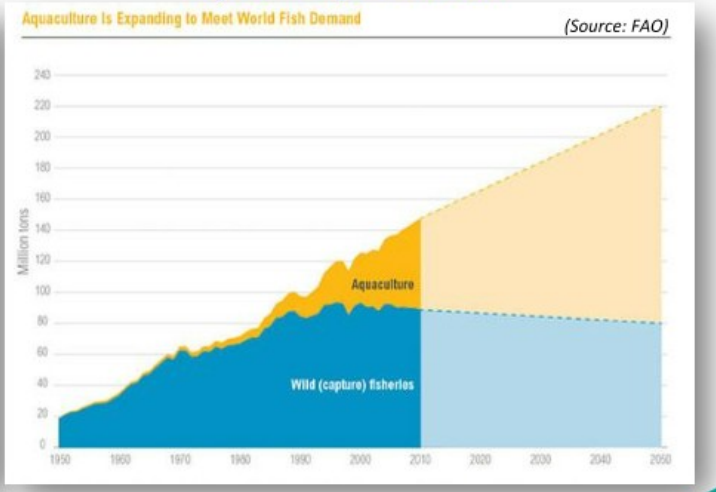
AquaBounty


Global Markets and Growth Drivers
AquaBounty

Aquaculture Market



Aquaculture growth to 2050



- Fish is a healthy food and an efficient source of high quality protein.
- Many of the world's fisheries are already fully exploited.
- Aquaculture must double just to hold current per capita fish consumption constant.

AquaBounty

Atlantic Salmon Market – Global Trade

WW Atlantic salmon market = 2.2m metric tons worth $14 billion
(Source: FAO)

(Source: Kontali Analyse) in metric tons gwt

Supply is constrained in production locations for environmental and regulatory issues related to the current production methods.

AquaBounty


Atlantic Salmon Market – U.S. Opportunity
3%
of all Atlantic salmon consumed in the U.S. is produced domestically
300,000 TONS
of Atlantic salmon were imported in 2017
$3.1B
total U.S. market opportunity
(Source: U.S. Department of Commerce)
AquaBounty


AquAdvantage Salmon
Features and Benefits
AquaBounty

AquAdvantage Salmon - Features and Benefits

FASTER GROWTH
+ Reaches harvest weight in 16-18 months

BETTER FEED CONVERSION
+ Utilizes 25% less feed to attain harvest size than non-transgenic siblings
+ Could operate with plant-based, sustainable feed

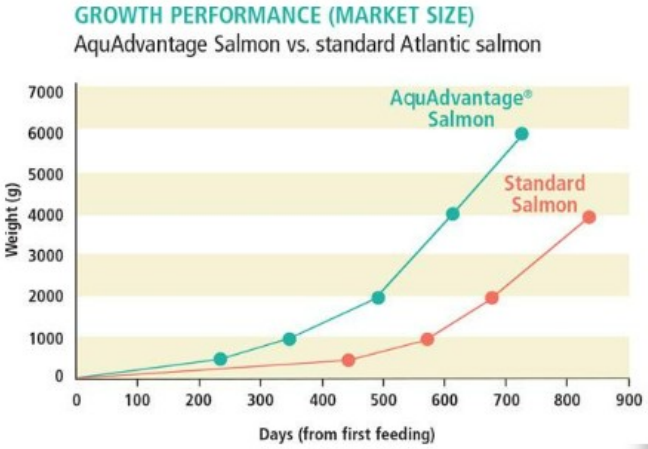
SHORTER TRANSPORTATION DISTANCE
+ Reduces cost and carbon footprint

LAND-BASED PRODUCTION
+ Eliminates need for antibiotics or medications
+ Poses no environmental risk to seas or wild fish

MADE IN THE U.S.A.
+ To be produced domestically

AquaBounty

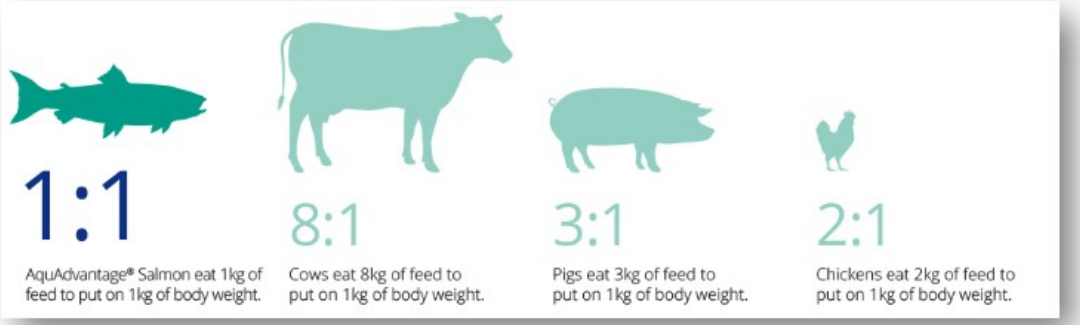
FASTER GROWTH



AAS grow faster than standard Atlantic salmon - specifically during early rearing.
However, AAS do not grow larger than standard Atlantic salmon.
They just reach harvest weight faster.

AquaBounty

BETTER FEED CONVERSION



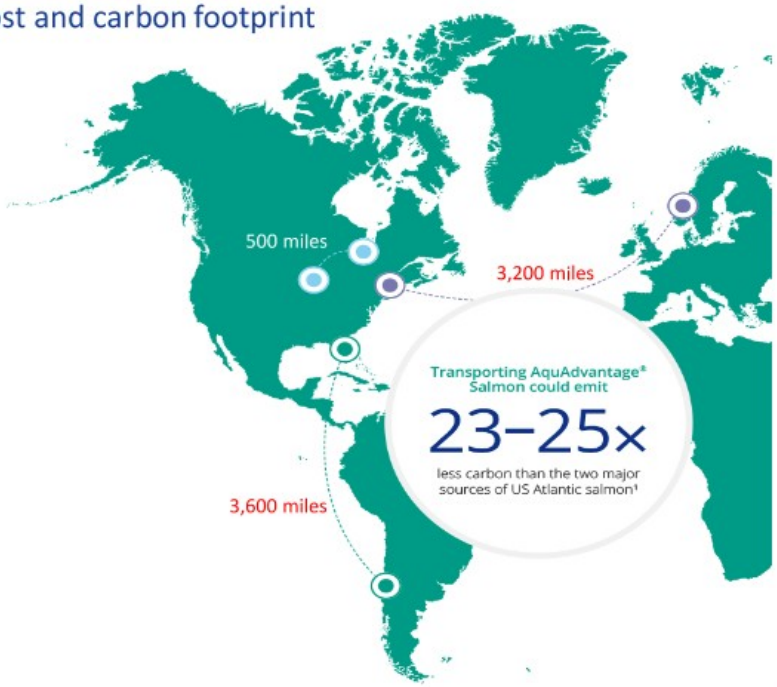
(Source: Marine Harvest, except for AAS)

- Atlantic salmon already have a better feed conversion rate than other sources of protein.
- And AAS have a 25% better feed conversion rate than standard Atlantic salmon.
- AAS consume more feed on a daily basis, but due to enhanced growth rates, better feed conversion ratios and higher nitrogen retention efficiency, achieve their target weight gain significantly sooner.
- AAS maintain accelerated growth when fed a high plant-protein diet, which is more environmentally sustainable than a fish-oil-based diet.

AquaBounty

SHORTER TRANSPORTATION DISTANCE

- Reduces cost and carbon footprint

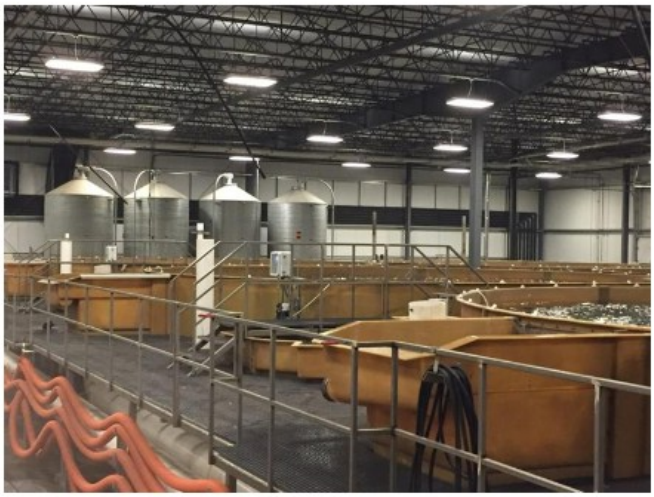


AquaBounty

LAND-BASED PRODUCTION

Significant advantages over current main method of fish farming:

- Optimized growing conditions and fish health
- Biosecurity - no exposure to pathogens & parasites.
- No need for antibiotics or medications
- Clean groundwater - no exposure to environmental contaminants
- Conserves water through recirculation
- Improved sustainability and reduced environmental impact



(Albany, Indiana RAS facility)

AquaBounty


Commercialization Program
AquaBounty

Consumer Benefits

- Fresh salmon produced close to home
- Safe and healthy source of omega-3s
- Sustainable and responsible seafood choice

AquaBounty

Commercial Roll-Out

First sale of AAS in June 2017

- 10 metric tons of AAS from the Panama site were harvested, processed yielding 5 metric tons of fresh fillets, and shipped to Canada.
- The response from the buyers was very enthusiastic.
- The sale was made at market rate for fresh farmed Atlantic salmon.

Second sale of AAS in June 2018

- 10 metric tons of AAS from the Panama site were harvested, processed yielding 5 metric tons of frozen fillets, and shipped to Canada.
- The sale was made at market rate for frozen farmed Atlantic salmon.

AquaBounty

Marketing Plan

Initial strategy:

- AAS will be sold through established distributors.

Longer-term strategy:

- Once AAS is established in the market, the option for branding as a "sustainably produced" food item can be considered.

AquaBounty

Grow-Out Facilities

Purchased 1,000 mt RAS facility in Indiana and upgrading capacity to 1,200 mt.

New 250 mt facility under construction at Rollo Bay site on Prince Edward Island

US - Indiana

- Purchased first commercial-scale operating site for AAS in the US from Bell Fish Company in 2017.
- Facility has been renovated and upgraded to improve capacity to 1,200 metric tons annually.
- First eggs (non-transgenic) introduced in June 2018. AAS expected to be introduced in Q4 2018.
- First harvest expected in Q1 2020.

Canada - PEI

- Purchased the former Atlantic Sea Smolt hatchery site on Prince Edward Island in 2016.
- Three buildings on site including:
  - R&D hatchery – for AquAdvantage Trout
  - New 250 metric ton grow-out facility for AAS
  - New broodstock facility for producing AAS eggs

AquaBounty

International Business Development

Brazil

- Currently running a field trial in support of an application to approve AAS.

Argentina

- Initial field trial completed and submitted to CONABIA in support of an application to approve AAS.

Chile

- Negotiating an agreement with a local partner in Chile on the regulatory application for AAS.

China

- Submitted application to run field trial.

AquaBounty

Management Team

Ronald L. Stotish, Ph.D. was appointed an *Executive Director, President and CEO* of AquaBounty Technologies in May 2008 after joining the company in 2006 as Vice President for Regulatory Affairs. Prior to joining AquaBounty, Dr. Stotish was Executive Vice President for R&D at MetaMorphix, Inc. He has served as Vice President for Pharmaceutical Research and Development at Fort Dodge Animal Health and held a variety of positions at American Cyanamid. He began his career in research at Merck. Dr. Stotish has degrees in biochemistry and over 40 years experience in the discovery, development, and commercialization of new animal health products.

David A. Frank, MBA was appointed *CFO and Treasurer* in October 2007. Previously he served as President and General Manager of TekCel LLC, a subsidiary of Magellan Biosciences, after serving as Magellan's CFO since the company's founding in 2004 and as TekCel's CFO since 2003. Mr. Frank has over 30 years of financial-management experience, including as CFO of SmartEnergy. His earlier experience includes financial roles at Moldflow, PerSeptive Biosystems, Lotus Development Corporation, Apollo Computer, and Honeywell.

Alejandro Rojas joined AquaBounty as the *Chief Operating Officer* of its AquaBounty Farms division in February 2014. He formerly was the Production and Technical Manager for Marine Harvest from 1988 to 2000. Dr. Rojas has a doctorate in veterinary medicine and for the previous 14 years has been a technical advisor and consultant to numerous global aquaculture and biotech companies working with marine fish.

AquaBounty

Financial data

(in thousands)	June 30, 2018	As of December 31, 2017	2016
Balance Sheet Data:			
Cash and CD's	$ 3,532	$ 506	$ 3,335
Total assets	$ 28,260	$ 23,732	$ 5,709
Debt	$ 2,991	$ 3,084	$ 2,663
Stockholders' equity	$ 24,100	$ 17,981	$ 2,028

Shares outstanding at June 30, 2018 = 12,848,376

AquaBounty

Summary

- The aquaculture industry must double its output in the next 30 years to meet growing market demand.
- AquAdvantage significantly increases the profitability of Atlantic salmon production in land-based RAS systems. This will allow salmon aquaculture almost anywhere with a source of water and power.
- AquAdvantage Salmon provides the technology to bring a profitable and sustainable industry to the United States.

AquaBounty

Investment Opportunity

- This phase of the Company's commercial operation will demonstrate the profitability and consumer acceptance for AquAdvantage Salmon.
- The follow-on phase, much of which will be funded by debt or partnerships, will significantly expand the Company's production output and open up additional commercial options, such as licensing.

AquaBounty


The AquAdvantage®
The world's most sustainable salmon
Our healthy, nutritious fish will deliver the biggest marine benefits with the smallest environmental footprint.
Closer to market
The only salmon fresher than AquaBounty's salmon is the one you caught yourself. AquAdvantage® will reduce the time and cost of transportation.
Locally raised, climate-smart salmon
Growing AquAdvantage® Salmon closer to consumers in land-based facilities will provide a fresher product and radically reduce the cost and carbon footprint of salmon distribution.

AquaBounty