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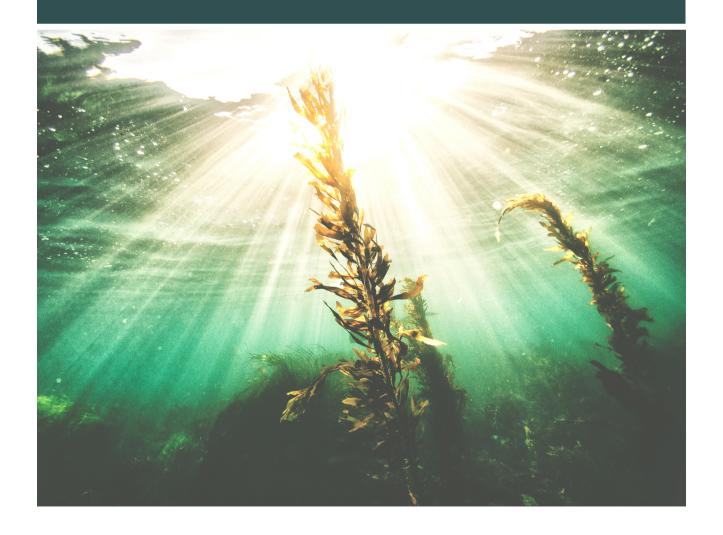
ROOTED IN NATUREFarming the ocean for a better future

Farming the ocean comes with a responsibility. We are dedicated to providing more food from the sea to people around the globe while reducing our footprint and improving fish welfare. People, partnerships, technologies and innovations will help us get there. Step by step.

PART 01

INTRODUCTION

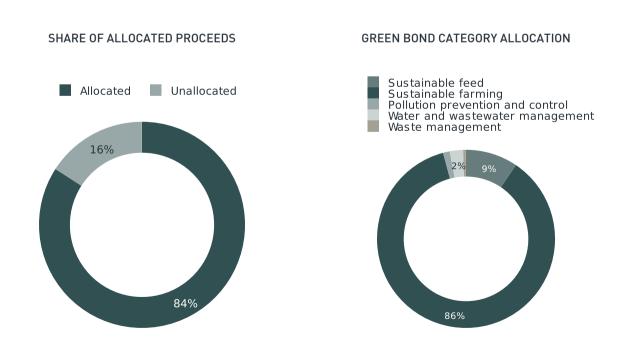
With a low carbon footprint, low feed conversion ratio, low land and fresh water consumption, and a high edible yield, farmed salmon is one of the most eco-efficient forms of animal protein. However, our industry must still work to improve co-existence with other species, fish health and welfare, reduce impacts from feed ingredients, cut carbon emissions and recycle more resources. We are committed to play our part in solving these challenges.



Executive summary

In 2020, Grieg Seafood successfully completed the placement of a green bond of NOK 1.5 billion. The Grieg Seafood Green Bond Framework was rated as Medium Green by CICERO Shades of Green. The capital is allocated to projects that contribute to sustainable farming practices and deliver environmental benefits.

- Grieg Seafood's NOK 1 billion green bond was issued 25 June 2020, followed by a NOK 500 million tap issue in November 2020. The bond is listed on the Oslo Stock Exchange on the Euronext's ESG Bonds section. The green bond accounted for 38% of our total debt financing as at year end 2020.
- Our Green Bond Framework provides the basis for the allocation of proceeds and for measuring the green projects' environmental impact. Our framework was rated as 'Medium Green' by CICERO Shades of Green, and our governance procedures was rates as 'Excellent'.
- As at year end 2020, 84% of the proceeds from the green bond has been allocated to projects.
- A large part of the proceeds have been spent on investments in recirculating aquaculture systems (RAS) land-based hatcheries and post-smolt facilities that reuse water by cycling it through a filtration system so it can be used again. The highly sustainable nature of these operations reduces the amount of water and space needed for farming salmon, while also providing for a more controlled and predictable production both in freshwater and seawater. The RAS technology is part of our post-smolt strategy, which shortens the time the salmon spend in open sea-pens by several months and thereby reduces the biological risk and environmental impact.
- The remaining proceeds have been allocated to projects within sustainable feed, pollution prevention and control, water and wastewater management and waste management.
- With the allocation of our green bond proceeds, we support the Paris Agreement and progress towards UN Sustainable Development Goals #2 on zero hunger, #13 on climate action, #14 on life below water, and #17 on partnerships for the goals.
- Grieg Seafood ranked 5th in the 2020 Coller FAIRR Protein Producer Index, being amongst the most sustainable animal protein producers in the world on critical environmental, social, and governance issues.



A sustainable food system

Reducing our environmental footprint and improving fish welfare is an ethical responsibility and also key to achieve our operational and financial targets. We will invest heavily in these areas over the next years, in projects like reducing the time our fish spend in sea, achieving ASC certifications, reducing carbon emissions or help commercialize new feed ingredients with lower impact. Our overall aim is to provide healthy food for a growing population, using fewer resources and with a lower impact than the current food systems use. Our green bond helps us finance such projects.

Currently, global food systems are estimated to be responsible for 70% of the water extracted from nature, cause 60% of biodiversity loss, and generate up to 33% of human greenhouse gas emissions. A complete transformation of our global food system is needed. We must provide healthy food for a growing population using fewer resources and with a lower impact. If we do it right, aquaculture has the potential to play an important part of the solution. 70% of the Earth is covered by ocean, however, we obtain only about 2% of our food from the sea. While there are limits to the amount of wild fish that can be sustainably harvested, responsible aquaculture can meet the increased demand for seafood in people's diets. With a low carbon footprint, low feed conversion ratio, low land and fresh water consumption, and a high edible yield, farmed salmon continues to be one of the most eco-efficient forms of animal protein.

To utilize the potential of aquaculture in a transformed food system, the salmon farming industry has several challenges to solve in its production and supply chains. Everyday is about improvement and finding new ways to reduce our impact. We need to protect biodiversity by using farming methods that allow us to co-exist with other species. We need to develop new feed ingredients in order to grow sustainably. Despite having a low carbon footprint compared to other animal proteins, we still need to cut emissions to meet the Paris Climate Agreement's goals. We need to recycle more resources and develop a circular approach throughout our value chain. Our green bond will contribute to finance projects to solve these challenges and help build a more sustainable food system.

It has been one year since we issued our green bond, and we are pleased to report that we have allocated NOK 1.26 billion, or 84%, of the proceeds to projects contributing to a sustainable global food system, while also advancing several of the UN Sustainable Development Goals. This report will describe how our RAS facilities saves water and how our post-smolt strategy plays an important part in protecting biodiversity and reducing our environmental footprint. We have certified several of our farms by the Aquaculture Stewardship Council (ASC), which is regarded as the most stringent voluntary certification scheme on environmental criteria. As part of issuing our green bond, we increased our carbon emission targets for our operations and value chain, and committed to the Science Based Targets initiative. We have invested in projects aimed at cutting emissions. For instance, by investing in farming operations in Newfoundland, we can supply fresh salmon to the fast-growing North American market without airfreight, one of our biggest sources of emissions.

Our green bond issue has not only provided us with capital to fund important projects aligned with our sustainability strategy, it has also contributed to driving the Brazilian soy industry in a conversion free direction. The Brazilian Cerrado is one of the main deforestation frontiers today, where conversion of vegetation causes loss to biodiversity as well as carbon emissions. We have certified the soy we use in our feed for many years and use only Brazilian soy suppliers with a 2020 cut-off date for all of their soybean business. Due to Cargill Inc's connection to ongoing deforestation in Brazil, we excluded purchase of feed from their subsidiary Cargill Aqua Nutrition from the use of green bond proceeds. We are also engaged as co-chair of the Steering Group of the Cerrado Manifesto Statement of Support, and a founding member of the Cerrado Funding Coalition together with Tesco and Nutreco.

In addition to providing healthy protein with lower impacts compared to other animal protein industries, the salmon farming industry contributes to sustainable global food security by spearheading innovation and technology, benefiting global aquaculture more generally. Grieg Seafood cannot solve the challenges alone. Collaboration, sharing of knowledge, expertise and technology is necessary, and we are committed to participate. When we solve the challenges, new solutions and farming practices can be transferred to fish farming of other species in rural communities all over the world. That way, we truly farm the ocean for a better future for all.

THE GRIEG SEAFOOD GREEN BOND COMMITTEE

BERGEN, 18 JUNE 2021

Atle Harald Sandtory

Sandton

Chief Financial Officer

Knut Utheim

and ather

Chief Technical Officer

Tor Eirik Homme

Tow Eink Home

Chief Sustainability Officer

THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

The UN Sustainable Development Goals guide us towards a more sustainable food system. They highlight opportunities to grasp and challenges to solve - both in our farming operations and in our value chain. Read how Grieg Seafood aligns with the various SDGs here.









TOMORROW'S SUSTAINABLE GLOBAL FOOD SYSTEM

- Healthy and nutritious food for 9 billion people
- Nature and biodiversity protected
- Low carbon and low climate risk
- Good animal welfare
- A circular economy with resources recycled
- Social and economic justice for producers in supply chains

Aquaculture and farmed salmon can play an important role in the future food system - if we do it responsibly and right. Read more <u>here</u>.

Sustainability rankings

For farmed salmon to be a part of a sustainable global food system, we must keep improving. We believe that by engaging with ESG rating companies, investors and other stakeholders, and by using relevant indices, we can better understand expectations and accelerate progress towards common goals. Through collaborations and partnerships, we can drive change to facilitate long-term sustainable growth.

INDEX/FRAMEWORK	2020 RESULT	COMMENT
CDP CLIMATE	A-	Grieg Seafood has engaged with CDP since 2018.
CDP FOREST	A-	Grieg Seafood reported on CDP Forest actions for the first time in 2020.
FAIRR INDEX COLLER FAIRR PROTEIN PRODUCER INDEX	5th	Grieg Seafood engages with FAIRR to better understand the concerns of our stakeholders and the issues we should address.
SUSTAINALYTICS ESG RISK RATING	37.5 - High Risk (where 0 is best)	Sustainalytics have based their score on our Annual Report 2018. Since then, we have published and updated Group policies and increased transparency and disclosures in subsequent reports. We are in dialogue with Sustainalytics to ensure they use updated material in their analyses, and also to get feedback on how we can improve generally.
MSCI ESG RATINGS	А	Grieg Seafood started looking into the ESG Ratings' methodology and criteria in 2020.
THE GOVERNANCE GROUP - ESG 100 - THE OSLO STOCK EXCHANGE	A	Grieg Seafood has engaged with The Governance Group, with its 'ESG 100 - The Oslo Stock Exchange' report, since 2019. The report assesses the 100 largest listed companies on the Oslo Stock Exchange based on the ESG dimensions. In 2020, Grieg Seafood maintained our top score from 2019.

We also engage with, and actively use and support, a diverse range of well-established sustainability reporting standards, frameworks and initiatives. Our integrated annual report is prepared in accordance with the GRI Standards Core Option, and verified by our independent auditor, PwC. Further, we are a founding member and have been reporting to the Global Salmon Initiative (GSI) for several years. The GSI issues an annual sustainability report covering approximately 40% of the salmon farming industry.

In regard to climate risk, we actively use the framework of the Task Force on Climate-related Financial Disclosures (TCFD), and released our first climate-related scenario analysis as part of the Annual Report 2020. Read our TCFD report and scenario analysis here. In regard to nature risk, we are a member of the Observer Group to the Task Force on Nature-related Financial Disclosures (TNFD). TNFD will build awareness and capacity to reduce the negative impacts of the financial sector on biodiversity.

Looking forward, the EU taxonomy will provide a classification system for which economic activities can be considered environmentally sustainable. We are constantly monitoring developments related to aquaculture.

TOWARDS A SUSTAINABLE FOOD SYSTEM

Global sustainability initiatives

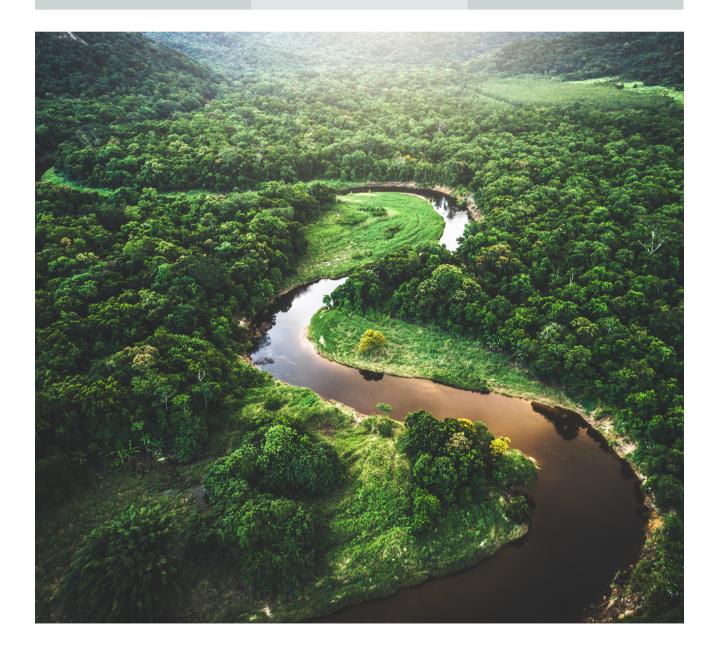
Grieg Seafood has committed to several initiatives related to climate and deforestation that set high standards for our farming operations and value chain. Read more about these initiatives here.

R&D activity

R&D is inherent to delivering on our strategy and targets, such as improvements in fish welfare and sustainability. Read about our efforts here.

Partnerships and collaboration

Collaboration and partnerships with researchers, peers, companies in our value chain, NGOs or other relevant actors are highly valued by Grieg Seafood. Only through collaboration can we drive necessary change, and solve the challenges we have in our industry and in our global food system. Read about our partnerships here.



PART 02

GREEN BOND PROJECTS

Our green bond projects are aligned with our strategy and our focus areas. Reducing our environmental footprint and improving fish welfare is key to getting the license to operate to achieve our growth targets. Without a profitable business, we will not be able to farm healthy salmon for people to eat all over the world.



Our green bond

In June 2020, Grieg Seafood issued the first tranche of our green bond of NOK 1 billion. In December 2020, we issued a second tranche of NOK 500 million.

The senior unsecured bond of NOK 1.5 billion matures on June 25 2025, and pays an interest at three-month average NIBOR (Norwegian Interbank Offered Rate) plus a margin of 3.4% p.a. The bond was listed on the Oslo Stock Exchange in October 2020, and admitted to Euronext's ESG Bonds section.

The green bond accounted for 38% of our total debt financing at year-end 2020.

ISIN	Bond type	Issue date	Maturity date	Total issued amount (NOK million)	Coupon rate
N00010885007	Senior unsecured	25.06.2020	25.06.2025	1 500	3 month NIBOR + 3.4%

<u>Our Green Bond Framework</u> describes our approach to sustainable business and how we are committed to long-term value creation for all our stakeholders. The green bond supports our approach and aims to further invest in, and promote, a low-carbon and climate resilient development within the seafood industry to secure a sustainable food system. The proceeds from the green bond has financed, and will continue to finance, investments and expenditures within the following project categories:

- Environmentally sustainable aquaculture feed and farming
- Pollution prevention and control
- Water and wastewater management
- Waste management

Allocated proceeds

At year end 2020, we have allocated NOK 1 262 million, or 84%, of the proceeds from the issuance of our green bond to eligible green projects.

The investment and expenditures have taken place in the period from 1 July 2019 to 31 December 2020. The allocation includes all four eligible categories and the projects span all our global farming operations. While project categories may focus on different aspects of our operations, they all share the common goal of building a more sustainable food system.

Green bond proceeds Proceeds allocated to (NOK million) refinancing (NOK million		Proceeds allocated to new financing (NOK million)	Unallocated proceeds (NOK million)	
1 500	0	1 262	238	

Project category	Allocated proceeds (NOK million)	% of allocated proceeds
Environmentally sustainable aquaculture	1 210	96 %
Sustainable feed	120	9 %
Sustainable farming	1 090	86 %
Pollution prevention and control	15	1 %
Water and wastewater management	30	2 %
Waste management	7	1 %
Total allocated proceeds	1 262	100 %

Environmentally sustainable aquaculture

Sustainable feed

Feed production accounts for a large share of farmed salmon's carbon footprint, and it also puts pressure on wild fish stocks. We procure feed where 100% of marine ingredients comply with the sustainability standard set by Marine Stewardship Council (MSC)¹, or the International Fishmeal and Fish Oil Organization's Global Standard for Responsible Supply (IFFO RS)² including FIPs, and where 100% of soy ingredients are certified according to the sustainability standards Proterra or Round Table on Responsible Soy (using the segregation model to ensure segregation of certified and non-certified soy). The feed we use also complies with the Aquaculture Stewardship Council (ASC) standard on fish meal and fish oil.

- The feed included in our use of proceeds, is part of a fish health and welfare project with the feed supplier Skretting. The aim is to investigate the effect of feed for prevention of diseases and nutritional support for infected fish. This will contribute to a lower carbon footprint by reducing the amount of feed needed to produce salmon (diseased fish do not utilize feed optimally, in particular in the event of mortality).
- Feed from Cargill Aqua Nutrition has not be included in the use of proceed.

Sustainable farming

One of the challenges we work to solve, is reducing our environmental footprint. This includes using farming methods that protect the biodiversity where we operate. One of our main investment is in Recirculating Aquaculture Systems (RAS). RAS technology allows for recycling most of the fresh water used for our land-based farming. The technology provides a high degree of environmental control, and provides a more predictable production both in freshwater and seawater. It also allows us to recycle organic waste. Our RAS facilities are an integral component of our post smolt strategy, where the fish is kept in closed containment systems for longer. This will reduce organic emissions and the risk of escape. Combined with new technology, it will also reduce excess feed. The environmental impact per salmon is reduced, as the aim is to achieve better sea lice control and reduce the number of sea lice treatments. This should also reduce the need of well boat for sea lice treatments, thereby contribute to a reduction in carbon emissions. Combined, these measures are expected to improve the feed efficiency and survival rates, thus reducing the carbon footprint of the final product.

- The majority of the proceeds are spent on RAS facilities in Finnmark, Norway, and in British Columbia and Newfoundland, Canada. The facilities contribute significantly to water efficiency.
- Proceeds are spent on our Operational Center in Rogaland, a pilot installation for integrated operations for our
 marine facilities. The Operational Center goes beyond feeding operations, and has gradually taken over responsibility
 and execution of several production-related tasks. An integrated management and control system monitors and
 provides decision support to farming processes. Combined with advanced sensors and digital tools, the goal is
 increased feed efficiency and reduced environmental impact.
- Proceeds are also allocated to post-smolt production, including acquisition of large size smolt that spends shorter time in sea. The results from our post-smolt strategy so far is promising.
- Proceeds are used on several projects to promote fish health and welfare with the aim to reduce the use of chemical treatments and medicines. Such projects also aim to improve feed efficiency and survival rates.
- Projects also includes systems to monitor, control and analyze the seawater environment, as well as preparations to become certified by the Aquaculture Stewardship Council. We aim to certify all our active farms by 2023.

¹ The Marine Stewardship Council (MSC) is an international non-profit organization that certifies and rewards sustainable fishing practices, issuing consumer-facing ecolabels.

² The International Fishmeal and Fish Oil Organization Global Standard for Responsible Supply (IFFO RS) certifies marine ingredients. IFFO RS demonstrates compliance with standards related to traceability of fishmeal and fish oil, as well as the exclusion of by-products from IUU catch and vulnerable, endangered, and critically endangered fisheries.

Pollution prevention and control

Our focus and efforts to reduce our carbon emissions also target transportation to the markets. Airfreight can double the farmed salmon's footprint. Our set-up allows for shorter transportation routes and limits use of airfreight to our two main markets, with main part of the supply to Europe from Norway, and to the USA from Canada. With production in Newfoundland, we can transport salmon to the fast-growing US market without airfreight. We also engage in projects to eliminate unnecessary weight from transportation. We also work to reduce carbon emissions from our production, with the aim of eliminating our dependency on finite energy sources.

As part of issuing the green bond, we revised and improved our carbon emissions target. From a 2018 base year, we have committed to reduce absolute Scope 1, 2, and 3 greenhouse gas emissions by 35% by 2030 and aim to achieve zero net emissions by 2050. Our emission reduction targets are classified as well-below 2°C (2030) and 1.5°C (2050), aligned with the Paris Agreement. The emission targets have been approved by the Science Based Targets initiative.

 Proceeds include investments in battery packs and electrification through grid connection to make production sites independent from fossil fuel.

Water and wastewater management

Our land-based facilities depend on freshwater. It is used for our smolt and post-smolt production, and at our harvesting facilities for hygiene purposes. None of our facilities are located in areas of water scarcity and material freshwater risks. Still, we recognize the importance of minimizing the use of freshwater. We recirculate most of the freshwater due to investment i RAS technology, and aim to improve efficiency of water use at our harvesting facilities. Wastewater management is an integral part, with the aim to reduce discharges to the sea and environment.

 Proceeds include investments in water and wastewater management infrastructure at our broodstock facility in Rogaland, contributing to increased resource efficiency and reduction of wastewater discharges.

Waste management

A circular economy is essential to ensure sustainable food production. Our waste must be properly disposed, recycled where possible, and fed back into the circular economy. Biological waste (dead fish, fish trimmings and organic waste) is collected, recycled, and used as animal feed, biofuel, or fertilizer. A lot of our seawater equipment is made of plastics. Plastic slowly breaks down into microplastics, which may impact ecosystems and wildlife negatively.

Proceeds include investments in infrastructure for handling biological waste, contributing to increased resource
efficiency and reduction in waste to landfill and incineration.

Project portraits

One of the key elements of our business strategy and our operational focus areas is our post-smolt strategy. Keeping the fish longer on land or in closed facilities in the sea and shortening the time they spend growing in open sea-pens, give us better control of the fish's environment for a longer period and reduce the impact we have on the environment. Our RAS facilities provides the basis for a more controlled and predictable production, both in freshwater and seawater, and are an integral component of our post-smolt strategy. These projects make up a substantial part of the allocated proceeds of our green bond.

Post-smolt in Rogaland portrayed

Grieg Seafood is piloting our strategy in our Rogaland region in Norway, where the average size of smolt transferred to the sea has increased from 90 grams in 2014 to approximately 400 grams in 2020. In 2022, we aim to transfer fish weighing an average of around 600 grams to our sea farms, increasing to approximately 750 grams on average in 2025.

During the first stages of their life, salmon are raised in onshore freshwater facilities. In traditional salmon farming, fish are transferred to the sea once they have undergone the smoltification process, making them physiologically ready for life in saltwater. Traditionally, this has taken place when the fish is about 70 – 100 grams. However, Grieg Seafood's post-smolt strategy means that, after smoltification, the fish are grown for a longer period on land or in closed facilities in the sea, thereby shortening the time they spend in open sea-pens by several months.

Both land-based facilities and a semi-closed containment ocean system, the FishGlobe, deliver post-smolt salmon to our sea farms in Rogaland. Our experience so far with the transfer of post-smolt salmon indicates that they are less vulnerable to disease and need fewer sea lice treatments.

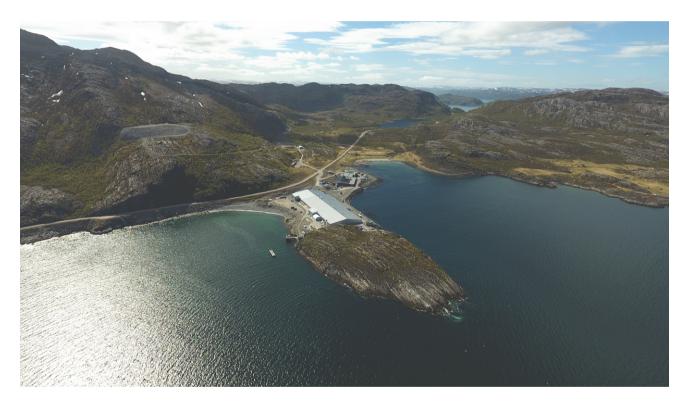
At the Teistholmen sea farm in 2020, where we raised one group of post-smolt and one group of regular smolt, we reduced the number of sea lice treatments applied to our post-smolt fish by 50%. We also found that Pancreas Disease (PD) often occurs at the end of the salmon's production cycle, just before harvest. In 2017, we had PD at more than half of our farms in Rogaland, while in 2020 we had only one outbreak. Indications show that a shorter time at sea has reduced the risk of PD.

We strongly believe that post-smolt transfer will improve both the sustainability and profitability. A shorter time in sea reduces exposure to sea lice, diseases, low oxygen, harmful plankton, and other environmental issues. The aim is to reduce the environmental impact, and improve fish welfare, survival, quality and biological control, while also achieve lower costs. In other words, shorter time in sea strengthens ocean-based salmon production.

Grieg Seafood will utilize the best practice developed in Rogaland when expanding post-smolt production in Finnmark, British Columbia, and Newfoundland over the next few years. Read more on our post-smolt piloting region <u>here</u>.

Adamselv portrayed

Our smolt facility in Finnmark, Norway, is located in a fjord called 'Laksefjorden', which is the appropriate Norwegian name for 'The salmon fjord'. The area started its industrial era in 1973 after the construction of the water power plant for Måsevatn. The power plant enabled the establishment of Ishavssmolt, a small smolt producer in the late eighties which relied on the abundant access of freshwater resources that the area provided. In addition, the cooling process from the power plant provided easily accessible heated freshwater which benefited the production. Land-based production during this pioneer period was based on flow-through technology, where the usage of freshwater was more or less linear to the production volume. Since freshwater consumption was limited by local regulations, the production soon reached its total allowable production capacity. Ishavssmolt was then bought by the Volden Group, a West Finnmark salmon producer which was later acquired by Grieg Seafood. Danish technology allowing for increased smolt production was introduced at the turn of the millennium, allowing for recycling the discharge water. This technology is today called Recirculating Aquaculture Systems (RAS). From 2009, the RAS technology was a success for the smolt production at the facility, and in early 2010, a new construction phase was initiated which constituted the start of the construction of a new smolt facility. This facility allowed for the use of seawater, which introduced the possibilities for post-smolt production, where biological performance indicated that producing smolt in a mixture of freshwater and seawater allowed for an increased production period on land. This gave the salmon farmers the flexibility to adjust its farming plans, optimizing the production and avoiding transferring smolt to the farms during high risk seasons.



All of the discharge water at Adamselv is collected at a dedicated building through a piping system. The water goes through different processes where automated fish escape nets are used to avoid the smolt from entering the fjord. The discharge water enters a water treatment process where the organic waste (feces and feed spill) is collected and processed. The waste is treated, dried and stored in big bags, allowing for circular usage of the nitrogen- and phosphorous-rich fish sludge. The fish sludge is transported to a factory where it is used as a high quality fertilizer component and further used for agriculture. This circular economy process enables a full closed cycle from the use of feed raw materials, to protein production for human consumption and back into soil-enriching fertilizer.

During 2019 and 2020, the production capacity at Adamselv was expanded. Today the facility produces approximately 2 000 tonnes of high quality smolt annually. Adamselv is an important part of our post-smolt strategy enabling Grieg Seafood to sustainably produce fish under the best circumstances.

Gold River Expansion Project - RAS 34 portrayed

Our hatchery in British Columbia is located on the spectacular Muchalaht Inlet on the west coast of Vancouver Island, just outside of the small Town of Gold River. The site is within the traditional territory of the Mowachaht/Muchalaht First Nation whose ancestors have inhabited the area for millennia. The Town of Gold River was initially a fishing village and later the site of a large pulp and paper operations that serviced the forest industry.



In 2001, we purchased an existing smolt production facility and undertook several upgrades to increase production to meet the requirements of modern aquaculture. Our hatchery currently produces 500 tonnes of smolt annually, supplying our marine operations. Eyed eggs are reared through incubation to smolt on site. Freshwater is provided from four wells and saltwater from a saline well, all located on the hatchery lease. Production systems are currently a mix of flow-through and recirculation with a goal of 100% recirculation. Effluent is filtered and removed solids are sent to a renewable compost facility. All discharge is screened to eliminate potential for fish escapes to the environment. Smolt are moved from the hatchery to the transport vessel via a closed loop pipeline, ensuring biosecurity by separating the transport vessel from the facility. This has reduced fish handling, improved the transfer process, and reduced the environmental footprint of this operation.

The Gold River Expansion Project initially consisted of the construction of the new RAS 34 building only, however the project now includes upgrades to the chemical and hydro power services for both RAS 34 and the rest of the hatchery, as well as installation of state-of-the-art IT and network systems for the whole site. The project will increase the hatchery production with additional 400 tonnes smolt annually. RAS 34 supports the production of larger post-smolt, which will increase the survival at sea and shorten the time to harvest. The marine environment challenges the salmon production with toxic phytoplankton, low oxygen, turbidity, and warm temperatures which compromise fish health and survival. Producing post-smolt can reduce time to harvest by three months, which reduces time at sea and environmental impacts, and decreases the risks of interaction between farmed fish and naturally occurring Pacific salmon. The Gold River Expansion Project is currently scheduled to have fish introduced in the fall of 2021 with the first smolt shipped to sea sites in 2022.

A short introduction video of the project can be found here.

Newfoundland RAS portrayed

Grieg Seafood Newfoundland is the newest addition to our sustainable salmon production. The operations were acquired in April 2020 and contributes to our plans of supplying high quality proteins to the growing North American market. Grieg Seafood Newfoundland has long-term, exclusive farming rights to the Placentia Bay area, an area isolated from the other salmon farmers in the region. The seawater sites have favorable biological conditions for salmon farming and the sites will be equipped with state-of-the-art technology. As a new operation, we are able to implement newer, environmentally friendly technologies compared to older production methods common to the region.

We are constructing a high-end freshwater and saltwater Recirculating Aquaculture System (RAS) facility in Marystown's marine industrial park, close to Placentia Bay. The RAS facility currently under construction includes a hatchery, a nursery and a smolt unit. The RAS facility is dimensioned to serve future post-smolt modules, with capacity to ensure necessary add-on growth. The annual production capacity of the current phase of the construction is 750 tonnes of smolt.

The RAS is designed with a focus on low energy consumption and nearly 100% recirculation of water. With an overall maximum water use of only 300 L/minute, the use of freshwater resources is minimized. Additionally, the use of a self-contained RAS for the incubation and early rearing of eggs and alevins also has reduced water consumption at this life stage. Although pumps are required throughout the facility, a large portion of the water is moved utilizing gravity flow. This design reduces electricity demand by the facility as well as improving the work environment with low noise levels. The design of the RAS virtually eliminates the need for discharge of water with near to 100% of the water being retained and reused. A by-product of the RAS is sludge. Even this by-product can be utilized in several ways to reduce waste and disposal. The sludge will be processed at a local municipal waste management facility where it is further dewatered and may then be used as compost, soil amendments, or other agricultural products.

Through the use of a sophisticated enclosed vacuum-pump system we are able to efficiently collect mortalities from our RAS facility and biosecurely produce silage. Several options are being pursued locally and internationally for this product. One such local option for the silage is to transport to an anaerobic digestor in Newfoundland to be utilized for bio-energy. This essentially recycles our waste into a value added stream, where it produces energy and a high value agricultural product.



Impact overview

We measure the impact of allocated green bond proceeds by calculating water saved at the RAS facilities and estimated avoided emissions from some of our projects. With our allocated green bond proceeds, we and our investors support the overall goal of providing health food, using fewer resources and with a lower impact than current food systems.

Water saved

The majority of the green bond proceeds are allocated to our RAS facilities that are reducing the fresh water consumption by almost 100% compared to traditional non-recirculating aquaculture systems. Fresh water losses at around 1% can be attributed to evaporation.

RAS facility	Project completion	Water saved (%)	Water saved (million m3/year)
Adamselv, Finnmark	2020	99.51%	102
RAS 34, British Columbia	2021	98.83%	41
Newfoundland	2021	99.95%	77
Total			220

Emissions avoided

We have estimated the emissions avoided from some of our projects. The sum of allocated green bond proceeds in the category 'Environmentally sustainable aquaculture' is expected to make important contributions to fish health and welfare. By increasing fish survival, we can improve our feed efficiency and substantially avoid emissions in the future.

The category 'Pollution prevention and control' includes the electrification of sites and installation of battery packs, which has reduced our diesel consumption.

Green project category	Emission reduction initiative	No. of sites	Emissions avoided (tCO2e/year)
Environmentally sustainable aquaculture	Increased fish survival	n/a	25 000
Pollution prevention and control	Grid electricity	4	680
Pollution prevention and control	Hybrid solutions/ battery packs	4	804
Total			26 484

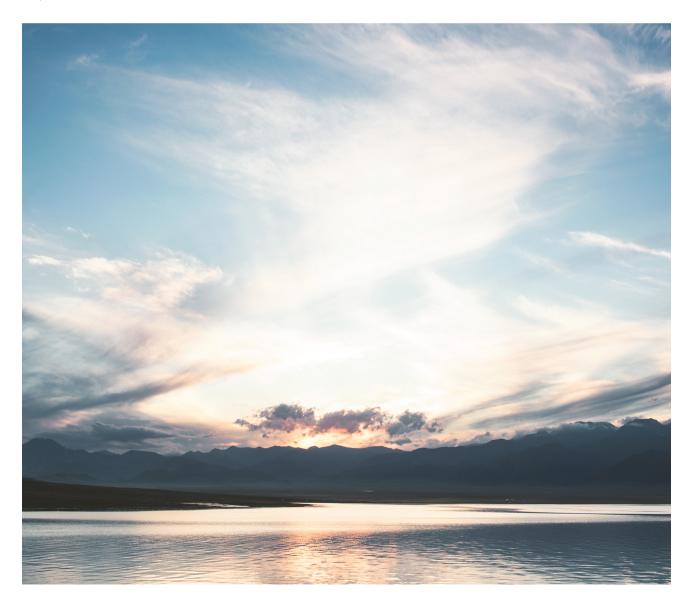
Other metrics

In addition to water saved and emissions avoided, we expect the following selection of metrics, that we also report on quarterly and annually, to improve in the long run through the use of green bond proceeds.

Green project category	Other impact metrics	2019	2020
Environmentally sustainable	Number of ASC certified sites	10	26
aquaculture	Share of net production that is ASC certified	25 %	51 %
	Number of fish escapes	0	0
	Survival rate at sea *	93 %	91 %
	Use of antibiotics (g per tonne LWE) **	21.6	14.2
	Sea lice treatments (g per tonne LWE) **	0.27	0.47
	Use of hydrogen peroxide (kg per tonne LWE) **	5.4	14.7
Pollution prevention and control	Carbon emissions (kgC02e per tonne GWT) Scope 1 + 2 location based	428	456
CONTROL	Carbon emissions (kgC02e per tonne GWT) Scope 3 ***	n/a	1 824

Other impact metrics were included in our Annual Report 2020, and have been subject to external audit.

^{* 12} months rolling survival rate calculated according to the GSI standards. ** Amount of active pharmaceutical ingredients (APIs) used (gr/kg) per tonne of fish produced (LWE), *** Excl. feed, n/a: no data available.

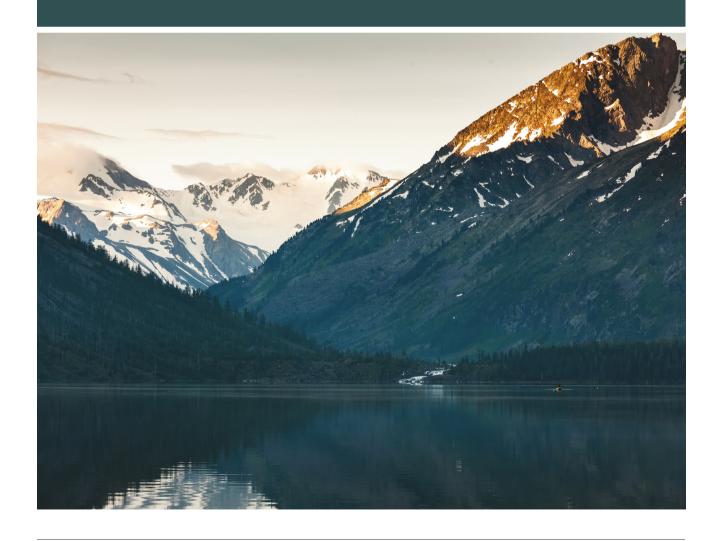


PART 03

GOVERNANCE & AUDIT

Our vision 'Rooted in nature – farming the ocean for a better future' demonstrates our commitment to operate with respect for the individual, the society and the environment.

Transparent and reliable governing parameters are fundamental to facilitate long-term sustainable growth.



Green bond governance

To ensure that our Green Bond Framework delivers on its goals, we have established green bond governance procedures.

<u>Our Green Bond Framework</u> is the basis for the use of proceeds, the evaluation and selection process for green projects, the management of green bond proceeds and for reporting connected to the green bond. The framework is aligned with the ICMA Green Bond Principles.

Proceeds have financed assets and projects according to eligible green projects as defined in our framework. Allocations as described in this report include investments and expenditures made less then 12 months prior to the issuance of the green bond, specified as the period from 1 July 2019 to 31 December 2020. Allocations have not been used for refinancing, although the framework allowed for it. Green bond proceeds have not been used to finance investments linked to technologies running on fossil fuel. The actual cost for back-up diesel generators at our RAS facilities has been subtracted from the allocation.

Our Green Bond Team has assessed eligible green projects and recommended allocation of proceeds, and allocations were given final approval by the Green Bond Committee.

Grieg Seafood's finance department has maintained our green bond register and tracked the allocation of proceeds to approved projects. The amount of green projects exceeds the total amount of green bond outstanding at year-end 2020. No funds from the green bond have been allocated to Grieg Seafood Shetland, due to an ongoing divestment process of our Shetland business.

Management and allocation of green bond proceeds have been verified with limited assurance from our independent auditor, PwC. The impact metrics included as 'Other metrics' was included in our integrated annual report which was subject to external audit, please refer to the auditors sustainability report on page 362 in our Annual Report 2020.

We will annually publish a Green Bond Report, including an allocation and impact report, as long as there are green bond proceeds outstanding. We expect to allocate the final proceeds of the green bond (NOK 238 million as of year end 2020) in 2021.

We have obtained a <u>second party opinion from CICERO Shades of Green</u> to confirm the transparency of our Green Bond Framework and the alignment with the Green Bond Principles. CICERO rated our framework as 'Medium Green'. Furthermore, CICERO Shades of Green found the governance procedures in our framework to be 'Excellent'.

Calculation methodology

In reporting on the impact metrics of the green bond proceeds, we have adopted a set of methodologies, baselines and assumptions.

Water saved

Water savings are calculated by comparing the estimated water usage per kg feed for our different RAS facilities to the water usage of a traditional flow-through facility of the same capacity. The calculations make use of the causal relationship between feed supplied and oxygen required. The amount of oxygen required increases with the amount of feed supplied due to an increased digestive activity. From the required amount of oxygen, the required amount of make-up water can be derived. The calculations are based on the production capacity of the RAS facilities and a feed conversion ratio (FCR) of 1.0 for simplification and comparability, providing us with conservative values. Our RAS projects are designed with different water filtration technologies where the estimated water consumption varies between the projects.

Emissions avoided

Proceeds include investment in battery packs and electrification through grid connection to make the production sites independent from fossil fuel. Investments proceeds encompassed eight production sites, four of which were connected to the grid. The other four production sites were equipped with battery packs. The annual diesel consumption per site varies between 60 000 and 150 000 l, depending on the size of the barge. In total, we estimate these investments to avoid $1.484 \text{ tCO}_{2}\text{e}$ per year.

The calculations are based on replaced diesel consumption with grid electricity for each site. The emission factor used for diesel is $2.68 \text{ kgCO}_2\text{e}$ per liter diesel and the amount of diesel used for the specific sites are based on production data. The emissions related to electricity consumption are also considered in the calculations. The diesel savings from hybrid installation are estimated to be 50%.

At the same time, proceeds include investments in several measures related to fish welfare, research and development, digitalization, ASC certification, and the ecosystems. In the long run, we expect these investments to improve fish survival and contribute to the achievement of our targeted survival rate of 95% in 2025. Calculating with a 5 percentage points increase from our global survival rate in 2020 at 90% and a constant feed footprint of $3.16 \text{ kgCO}_2\text{e}$ per kg feed, we estimate to avoid $25 000 \text{ tCO}_2\text{e}$ per year, given our target production volume of 130 000 tonnes GWT in 2024, through the alignment of our economic and biological feed conversion ratio (FCR).



To the Board of Directors of Grieg Seafood ASA

Independent statement regarding Grieg Seafood ASA's Green Bond report

We have been engaged by Grieg Seafood ASA (the "Company") to undertake a limited assurance engagement on selected information about the allocation of net proceeds from the Green Bond issued in June 2020 to Green Projects, as presented in the Company's Green Bond Report 2020, against the relevant criteria in the Company's Green Bond Framework per June 2020.

Assurance scope

The scope of our work was limited to assurance over processes and systems for financing of eligible green projects and allocating proceeds from the Green Bond to such investments and expenditures, as described in the "Green Bond Report 2020" page 10, section "Allocated proceeds". The relevant criteria against which this information was assessed is based on the Company's "Grieg Seafood Green Bond Framework" per June 2020, available on the Company website.

Our assurance does not extend to any other information in the Green Bond Report. We have not reviewed and do not provide any assurance over any individual project information reported, including estimates of sustainability impacts.

The Board of Directors and the Managing Director's Responsibility for the Report
The Board of Directors is responsible for ensuring that the Company has implemented appropriate guidelines for Green bond management and Internal Control.

Responsibilities of the Company's management

The management of the Company is responsible for evaluating and selecting eligible green projects, for the use and management of bond proceeds, and for preparing an Green Bond Report that is free of material misstatements, whether due to fraud or error, in accordance with the Company's Green Bond Framework.

Auditor's Responsibilities

Our responsibility is to express a limited assurance conclusion on the selected information specified above in the assurance scope based on the procedures we have performed and the evidence we have obtained.

We conducted our work in accordance with the International Standard on Assurance Engagements ISAE 3000 – "Assurance Engagements Other Than Audits or Reviews of Historical Financial Information". This standard requires us to plan and perform our procedures to obtain limited assurance that the Company has performed the procedures and processes according to the documents defined in the "Assurance scope". A limited assurance engagement consists of making inquiries, primarily of persons responsible for the management of bond proceeds and the process for selection of eligible green projects, and applying analytical and other limited assurance procedures, including inspection of documentation, and limited sample testing of the selected information.



The procedures performed consequently do not enable us to obtain assurance that we would become aware of all significant matters that might be identified in a reasonable assurance engagement. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Our Independence and Quality Control

We are independent of the Company as required by laws and regulations, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We apply the International Standard on Quality Control (ISQC 1) and maintain a comprehensive system for quality control including documented policies and procedures that complies with ethical requirements, professional standards and applicable legal and regulatory requirements.

Conclusion

Based on the limited assurance procedures we have performed in accordance with our scope and the evidence we have obtained, nothing has come to our attention that causes us to believe that the selected information disclosed in the Company's Green Bond Report 2020 has not been prepared, in all material respects, in accordance with the relevant criteria.

Bergen, June 18 2021

PricewaterhouseCoopers AS

Hanne Sælemyr Johansen

State Authorised Public Accountant



Grieg Seafood ASA

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