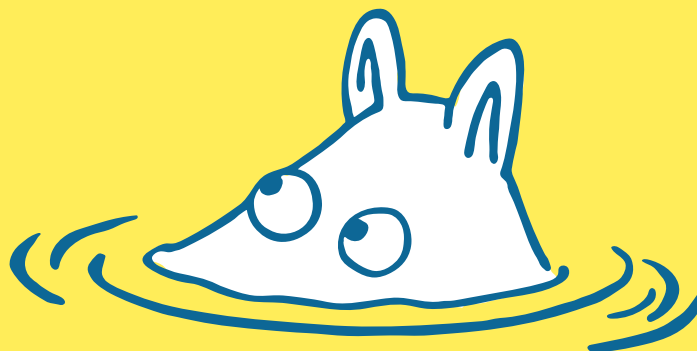




JOHN NURMINEN FOUNDATION
LOGBOOK 2019



**JOHN NURMINEN FOUNDATION
– BALTIC SEA PROTECTION AND MARINE CULTURE**

Founded in 1992, the purpose of the John Nurminen Foundation is to save the Baltic Sea and its heritage for future generations. The Foundation has been awarded for its work as a communicator of information and producer of marine content.

The goal of the Foundation's Clean Baltic Sea projects is to improve the condition of the Baltic Sea with tangible measures that will reduce the load and environmental risks directed towards the sea. The work is steered by measurable results and impact.

www.johnnurmisenraatio.fi



JOHN NURMINEN FOUNDATION

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JOHN NURMINEN FOUNDATION ANNUAL REPORT AND REPORT ON OPERATIONS IN 2019

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WE SAVE THE BALTIC SEA AND ITS HERITAGE FOR FUTURE GENERATIONS

OUR MISSION is to save the Baltic Sea and its heritage for future generations. We implement tangible Baltic Sea protection measures that bring results, and ensure that the stories of the sea are passed on to future generations. We at the Foundation share a love for the sea, and a strong belief that nothing is impossible. Our work is guided by measurable results and impact. We are independent: what benefits the Baltic Sea is the one and only consideration that steers our operations.

WE SAFEGUARD THE HERITAGE OF
THE BALTIC SEA, AND PROTECT ITS FUTURE.

We have launched more than 40 Clean Baltic Sea projects, of which 25 have been finalized. The projects reduce the nutrient load and environmental risks faced by the sea. By treating the wastewaters from St. Petersburg and reducing the discharges from the fertilizer factory by the river Luga alone, our work, in cooperation with other stakeholders, has led to a reduction of as much as 75% in the annual eutrophication phosphorus load of the Gulf of Finland.

The Foundation has been awarded for its work as a communicator of information and producer

of marine cultural content. We have published more than 40 books that tell the stories of the sea; organised various exhibitions and events; and created, in cooperation with maritime museums, a veritable treasure trove of maritime culture, i.e. the Loki online service. We also publish the *My Baltic Sea* podcast series. In 2019, we launched the Baltic Sea Day, an annual festival of the sea. In 2020, we launched the *Sea of Memories* project in order to save the Baltic Sea memories of the Finns in an exhibition, and, together with the Finnish Museums Association, launched the Digimuseo.fi service, open for all Finns and the entire Finnish museum sector.

We want to tell the story of the sea: a sea that for us Finns is a bridge to the world. Making people aware of the story of the sea and its history is important, since this makes it easier to understand why the Baltic Sea, a sea that is one of its kind, must be protected. It is precisely our versatility that makes our operations unique: we work for the Baltic Sea across generations.

OPERATIONS THAT BRING RESULTS

- 25/39 Clean Baltic Sea projects completed
- Phosphorus load of St. Petersburg reduced by 1000 tonnes/year
- 75% reduction in the phosphorus load of the Gulf of Finland, achieved through cooperation
- Navigation service for the prevention of oil disasters
- Innovation award to the Nutribute crowdfunding platform
- ELO Foundation food culture award to the Local Fishing project
- Baltic Sea roach stock management with a catch of 650,000 kg
- 3,500 hectares of fields treated with gypsum
- 43 books published
- Four nominations for the Finlandia Literary Prize for Non-Fiction
- New Digimuseo.fi service
- Win in the Open Report competition for annual reports
- Launch of the Baltic Sea Day

KEY FIGURES FOR 2019

Ordinary operations

- Clean Baltic Sea project income €2,396,385
- Clean Baltic Sea project expenses €1,910,500
- Income from marine culture €293,931
- Marine culture expenses €395,332
- Deficit from marine culture operations -€101,401

Balance sheet

- Equity €12,175,246, of which funds available for Baltic Sea protection (dedicated Clean Sea Fund) amount to €3,559,082
- Balance sheet total €12,468,444

17 employees

Fundraising €2,529,553

See financing of operations and financial statement, p. 50

The bylaws of the Foundation are available online.
www.johnnurmisenasaatio.fi

OUR OPERATING PRINCIPLES

Measurable results
Targeted operations
Cooperation across borders
Independence

RECENT ACHIEVEMENTS IN BALTIC SEA PROTECTION

MOST IMPORTANT ACHIEVEMENTS OF THE CLEAN BALTIC SEA PROJECTS IN 2018–2020

- Turning the fish stock management of cyprinids into a commercial operation by creating consumer products in cooperation with Kesko, and expanding fish stock management beyond the borders of continental Finland.
- More than 5,000 hectares treated with gypsum within the Foundation's projects in Finland, and gypsum treatment introduced as a significant water protection measure in Finland. As a result, a gypsum treatment project encompassing 50,000 hectares in Southwest Finland is now being launched with government funding, and the method will also be taken to the entire Baltic area with the Gypsum Initiative project.
- Surveying and assessing new, innovative protection measures in the SEABASED project

IN 2018–2020, THE FOLLOWING NEW PROJECTS HAVE BEEN PREPARED AND LAUNCHED:

- the **SEABASED project**, which seeks to find new methods that reduce the internal load of the Baltic Sea
- The **River Vantaa Gypsum Project**, which treats 3,500 hectares of fields in the River Vantaa area with gypsum
- The **Gypsum Initiative project**, which introduces gypsum treatment to the entire Baltic Sea area
- The **Fertilizer Shipping project**, which tackles a new, potentially significant source of discharges, i.e. nutrient discharges from fertilizers transported over sea
- The **Satakunta Manure Recycling pilot**, which balances out the surplus phosphorus from manure in Finland
- The **Sustainable Biogas project**, which aims at reducing nutrient discharges from biogas production in Finland, Latvia, and the entire Baltic Sea area
- The **Baltic Fish project**, implemented in Sweden and Åland, seeking to commercialize the fish stock management of cyprinids in Sweden and Åland
- Cooperation with the Finnish Nature League on the **#muovitonmeri campaign** for removing trash from the sea, and on **environmental education** on the Baltic Sea at schools.

PROJECTS COMPLETED IN 2018–2020:

- Improving the efficiency of phosphorus removal at the **wastewater treatment plant in Kingisepp, Russia**
- the **Local Fishing project** commercialised the fish stock management of a marine area, at the same time removing approximately 5 tonnes of phosphorus from the sea
- the **NutriTrade project** which created Europe's first crowdfunding platform for waterway protection, and launched the gypsum treatment of fields in a 1,550 hectare area in Lieto and Paimio.
- **risk assessment of nutrient discharges from biogas production** in the Baltic Sea area

ALSO:

- Continued cooperation with **fertilizer manufacturer EuroChem** in order to minimize discharges from the fertilizer factory to the River Luga
- **Active work to keep the problems related to waste management in fertilizer production**, in particular to piles of phosphogypsum, on the agenda of the Baltic Marine Environment Protection Commission HELCOM.



Juha Nurminen, Maritime Counsellor,
Chairman of the Board, John Nurminen Foundation

THE STORY OF THE SEA'S CHAMPION BEGINS IN RAUMA

Even as a child, **Juha Nurminen**, Chairman of the Board and founder of the Foundation, was interested in the sea. Sailing, diving, and later the history of seafaring and cartography all came naturally as hobbies to this descendant of the Nurminen shipping family, originally from the city of Rauma. In order to safeguard our marine cultural heritage also for future generations, Nurminen ended up founding the John Nurminen Foundation in 1992.

In the late 1990s Nurminen, a passionate diver and seafarer, was alerted to the eutrophication of the Baltic Sea, and its vast blue-green algae blooms. The alarming status of the sea made Nurminen think of whether the Foundation could do something to help the Baltic Sea. The idea of the Clean Baltic Sea projects was born: with the projects, the load and environmental risks faced by the sea could be reduced with measurable results.

Watch and listen to the story of the Foundation, as told by Juha, on our YouTube channel or listen to the podcast!

SPEED TO WINDWARD



ERIKI SALO

Annamari Arrakoski-Engardt, Ph.D.
Managing Director, John Nurminen Foundation

was a prominent feature of our year: within a short time period, we launched ten new projects, and our staff has grown to almost 20 employees. At the same time, we have organised various events and experiences, enabling the participation of hundreds of people in the work for the Baltic Sea.

This spring was historic for us all: in March, the coronavirus pandemic reached Finland, bringing our society to a grinding halt. We at the Foundation have also adapted and reacted to the changed circumstances. The purpose of the Foundation withstands time, which is why we cannot be tied to the fluctuations of a quarterly economy, or one or two years of crisis. We seek to secure our financial status so that even when we find ourselves in the middle of a storm, we can raise our gaze to the horizon, and move forward towards our goal. Measured by the number and quality of our new initiatives and cultural activities, we have in fact made this year and this spring unmatched by any other in the Foundation's almost 30 years of history.

Tangible and measurable results

In our projects that protect the Baltic Sea, our focus continues to be on the greatest problem faced by the Sea, i.e. eutrophication. Climate change accelerates the symptoms of eutrophication by heating up the sea and increasing runoff. This puts the diversity of the sea in danger. And this is why our work is picking up speed. In our efforts to reduce eutrophication, we have moved from larger nutrient load sources to smaller ones, and moved on to new projects once the greatest sources of nutrient load have been fixed. We add up

THIS YEAR, my log entry is a lengthy one. The year has been exceptional, and it has been more necessary than before to consider what the place of our Foundation is, both in Finnish society and in international cooperation.

In 2019, we broke our own fundraising record, receiving approximately €2.5 million in donations from our partners and private donors. In addition to private support, public donors such as the Ministry of the Environment and the EU continue to be important financiers of our operations. Record-breaking growth

tonnes and kilograms of phosphorus, but also keep our eyes open for other operations that could solve other challenges. We assess if these solutions or the way our projects work could be scaled up to build more extensive operations.

The principals that are our keel remain the same. Before embarking on a new project, we have a set of criteria with which it is assessed. Do our operations bring results? We must be able to communicate what the effect of a donation will be, what added value our operations create, and what are the problems we solve. Are the operations targeted and tangible, and are we able to report on their tangible results? Many problems faced by the Baltic Sea are multifaceted, making it impossible to identify the one magic trick that would solve them all at once.

Cross-border cooperation is an essential part of our operations. The pervasive problems of the Baltic Sea have to be solved together. An important part of what we do is our in-depth collaboration with research institutes and universities – with researchers and scientists. When we embark on new fields of operation, we have also encountered doubts and critique. Our work, however, is deeply rooted in the recommendations and results of the scientific community, making it easy for us to move forward. We are backed by research results, and our operations are not directed by anything else than what is best for the Baltic Sea.

Last year, we organised two Baltic Sea election debates, for both the parliamentary and the EU elections, and met up with decision makers on the issues in our election platform. Thanks to the active work by us and various other stakeholders, the gypsum treatment of fields was in fact included in the government's Program for Improved Water Protection, and in Southwest Finland, the Ministry of the Environment decided to launch an extensive project aiming at diminishing runoff to the Archipelago Sea.

The Foundation-led River Vantaa Gypsum Project moved steadily ahead towards its goals. At the end of the year, we also received funding from the Ministry of Foreign Affairs for an international project commissioned by the Ministry of the Environment, promoting the gypsum treatment of fields in the entire Baltic Sea area.

Trying things out with a start-up spirit, scaling up successes

Curiosity and an inquiring mind are integral to how we work. Our societal work has been boosted by projects launched with a start-up spirit. A good example of these is the five-year Local Fishing Project, which launched the targeted fish stock management of cyprinids in the Baltic Sea, aiming at creating a permanent market-driven operation. The Local Fishing Project is an excellent example of an activity that encapsulates the Foundation's entire mission and passion to deal with the Baltic Sea as an entity, not just as a bunch of unrelated protection projects. With declining biodiversity, the entire ecosystem is under threat. Can coastal fishing survive? Will there be new generations to take over this age-old livelihood? Cultural impoverishment and mainstreaming are also acute threats. To put it bluntly: the Flounder Festivals of the archipelago have been swapped for supermarket salmon.

Many kinds of efficient first aid water protection measures are needed from agriculture, with gypsum treatment first and foremost, alongside structure lime and fibre, which are currently being researched. At the same time, we want to be involved in finding solutions for high nutrient loads, caused e.g. in Southwest Finland by manure from livestock production accumulating in certain areas. In April, we launched the Satakunta Manure Recycling Pilot, which balances out the use of manure in agriculture. At the time of

writing, we are about to launch the international Sustainable Biogas project.

Balancing out the decline in inhabitants in the archipelago, we can observe that the strong and fascinating indigenous culture of the area has survived, with thanks due precisely to the sea and the distances. One of the most important tasks of our generation is indeed to see to it that the rich cultural heritage of the Baltic Sea does not wither down to a couple of archipelago museums or cultural reservations, but remains strong, vibrant, and relevant. This theme was highlighted in our 2019 publication, the gorgeous book *Meren maa – Havets land* (land of the sea) by **Ritva Kovalainen** and **Pekka Turunen**. We will continue to broaden the themes of the book and will, before the year is over and with funding from the Weisell Foundation, implement an opportunity to take a virtual tour of the Åboland Archipelago, brilliantly documented by Ritva and Pekka.

One of our 2019 highlights was our cooperation with Moomin Characters. The #OURSEA campaign, announced at SuomiAreena in Pori and officially launched at the 2020 Boat Show, is a major effort and at the same time exactly the kind of activity that the Baltic Sea deserves. We are grateful to **Sophia Jansson** and **Roleff Kråkström** from Moomin Characters for the decision to celebrate the 75th anniversary of Moomins with such a campaign, which has inspired an incredible number of people from Iceland to Japan to join forces and work for the sea we share. Because of the coronavirus pandemic, the campaign will continue until the end of July 2021, allowing our lengthy planning work and many inspiring events and encounters to reach the visibility they deserve.

In spring 2020, in cooperation with the Finnish Museums Association, we opened and published the Digimuseo.fi service. Our intent is to bring content from museums within the reach of the general public in a new and inspiring way and within a digital environment. In April, we decided to accelerate the production of the concept – still on the drawing board – so as to allow us to react to the society around us

immediately, and be able to offer something concrete for people who are isolated because of the coronavirus pandemic. What we achieved was a small miracle. In the digital museum, you can also visit the collections of the John Nurminen Foundation, with more Baltic Sea content to be added later on. The reason why our Foundation took on such a prominent role in the construction of this service is that we had successfully implemented the much lauded treasure trove of marine stories, i.e. the lokistories.fi online service, and we wanted to scale this success up to be available for the use of the entire cultural heritage sector.

There are so many stakeholders: corporations, private individuals, project teams, members of parliament, decision makers, and members of the Foundation's board who have been involved in our operations, making impossible to thank them all here by name. A key factor in the success of one of our important initiatives was **Jan Vapaavuori**, Mayor of Helsinki, who exactly one year ago was introduced to our idea of celebrating an international Baltic Sea Day on every last Thursday of August. The Mayor liked the idea, and observed that in the spirit of the Baltic Sea Challenge, Turku would be a natural partner. The rest is history. We launched the new theme day, dedicated to the Baltic Sea, already the following August. We are the ones who came up with the idea of the Baltic Sea Day and we lead the project, but the day will be successful only because so many stakeholders have jumped in to join us. Our own tangible Baltic Sea Day activity is the *Sea of Memories* project, which collects the Finns' Baltic Sea memories, and will feature them in a multimedia exhibition.

Nothing is impossible

What is the John Nurminen Foundation made of? Our recipe includes professionalism and ambition, a suitable amount of passion and curiosity, creativity, courage, solution-orientedness, *sisu* – and yes, also perseverance. We have recorded our story on video, using the voice of our founder and Chairman of the

Board, **Juha Nurminen**. We have our roots and a saga of our own that empowers us. And, not to forget the ingredient that is perhaps the most important and the most irrefutable: optimism and faith in the fact that solutions to problems can be found. Our unofficial motto, "Nothing is impossible", actually crystallizes what is essential – this is what my six years leading the Foundation have convinced me of.

The friends of the Foundation and of the Baltic Sea are on our minds as we finalize our latest waterway protection project, launch an international biogas project, prepare to pilot the spreading of lime in Southwest Finland, agree on meetings with embassies to discuss gypsum, produce the *Meren maa* armchair journey, and prepare to present the story of the Baltic Sea in an exhibition, book, on the sound waves, and as a video.

I hope you will watch the emotional story, as told by Juha, on our YouTube channel. Alternatively, you can tune in to the *My Baltic Sea* podcast, where my most recent guests have been **Baba Lybeck**, **Ari Huusela**, and **Sanna Sonninen**. You can also visit our museum virtually via the digital museum, and sign up your Baltic Sea Day activity at balticseaday.fi.

Once more, thanks are due to all our partners, supporters, companies and individuals who have donated their effort pro bono – to you all. We are grateful and happy to know you are working with us to save both the Sea we love and its heritage.

28 May 2020

My home office in Helsinki,
Annamari Arrakoski-Engardt, FT
Managing Director, John Nurminen Foundation

Twitter: @AArrakoski

Annamari Arrakoski-Engardt was a member of the Foundation's Board of Directors from 2013 to 2014, and the Foundation's Secretary General since the beginning of 2014. She was appointed Managing Director on 1 June 2020.

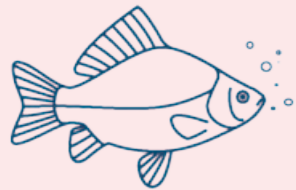
You can tune in to Annamari's
MY BALTIC SEA PODCASTS
on the Foundation's web page and
in Spotify, iTunes and Storytel.



YEAR 2019 IN A NUTSHELL

BALTIC FISH

Fish stock management expanded to the waters of Sweden and Åland



LOCAL FISHING PROJECT

159,776

kg of fish stock managed bream

BEST

Report on the status and problems of industrial and domestic wastewaters



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MOOMIN CHARACTERS SAVE THE BALTIC SEA

In 2020, Moomin Characters intends to raise one million euros to save the Baltic Sea and its heritage

BALTIC SEA DAY

In August 2019, we launched the Baltic Sea Day, an annual celebration that will take place on the last Thursday of August.

On the Baltic Sea Day we turn our gaze towards our unique Baltic Sea and its culture.

FINNISH NATURE LEAGUE'S BALTIC SEA AMBASSADORS ANCHOR DOWN IN SCHOOLS

75 visits booked in the autumn of 2019. Visits reached out to a total of 1,500 youths.



PLASTIC-FREE SEA

14 beach tour events were organised, drawing in almost 2,000 people.

THE RIVER VANTAA GYPSUM PROJECT

2,130

hectares of fields treated with gypsum

SEABASED

Four pilots launched to alleviate the internal load of the sea

NUTRITRADE

The project was completed, having achieved the removal of

34 tonnes

of phosphorus

We published four books and organised four exhibitions



We continued to cooperate on events with Allas Sea Pool, and organised culture-themed brunches at its Baltic Sea Center.

Dozens of groups and close to 1,000 people visited the Foundation.

BOOKS PUBLISHED BY THE JOHN NURMINEN FOUNDATION (43):

Vanadis – Suomalaisfregatti maailmanhistorian tyrskyissä (2019) Finnish
Meren lumo – Elämää pinnan alla (2019) Finnish
Meren maa – Havets land (2019) Finnish/Swedish
Merihirviöt – Merenneidosta mustekalaan (2019) Finnish
Riosta Rotterdamiin – Suomalaisten merimiesten satamareissuja (2018) Finnish
Valtameret raakapurjein – Merikapteenin matkat seitsemällä merellä (2018) Finnish
Hiihohoi! Lauluja mereltä (2018) Finnish
Vaelluksia maisemaan – Taiteen mestarit meren äärellä (2017) Finnish
Pohjoiset purjeet – Suomalaisten purjealusten tarina (2017) Finnish
Miehet merellä – Hetkiä luotsauksen historiasta (2016) Finnish
Kampelaa ja kadonneita luumuja – Makumuistoja laivan kapyysista (2016) Finnish
Amiraali Nordenskjöldin meriseikkailut (2016) Finnish
The Mapmakers' World – A Cultural History of the European World Map (2015) Finnish, English, Swedish, German, Russian, Chinese
Suomalaiset sankaripurjehtijat – kahvelipurjeista skiffeihin (2015) Finnish
Pohjolan Atlantis – Uskomattomia ideoita Itämerellä (2014) Finnish
Ranskan viimeisen kuninkaan retkikunta – La Recherche Lapissa (2014) Finnish
Pakko purjehtia (2014) Finnish
Juha Nurminen Collection of World maps – Maps, Atlases, Books and Globes (2013) English
Luotsisaaren tarina – Merimatkoja menneeseen (2013) Finnish
Kauhia Oolannin sota – Krimin sota Suomessa 1854–1855 (2013) Finnish, Swedish
Norsusta nautilukseen – Löytöretkiä eläinkuvituksen historiaan (2012) Finnish
Seitsemän meren purjehtijat – Suurten maailmanympärimatkojen viisi vuosisataa (2011) Finnish
Kustaa III ja suuri merisota – Taistelut Suomenlahdella 1788–1790 (2010) Finnish
Adolf Bock – Merimaalari/Marinmålaren (2010) Finnish/Swedish
Muskottisota – Taistelu Itä-Intian Maustesaarista (2009) Finnish
Valo merellä/Ljuset till havs – Suomen majakat/Finlands fyrar 1753–1906 (2009) Finnish/Swedish
Kuninkaansaari – Akvarellinkeveä saaripäiväkirja kolmelta vuosikymmeneltä (2009) Finnish
Muodonmuutoksia – John Nurminen Oy:n historia vuosilta 1886–2007 (2008) Finnish
Yli maan äären – Magalhãesin kohtalokas purjehdus maailman ympäri (2008) Finnish
The History of Seafaring – Navigating the World's Oceans (2007) Finnish, English, Spanish, Portuguese, German, French
Uljaksen vanavedessä – John Nurmisen kauppahuoneen ja varustamon historiaa 1886–1967 (2006) Finnish
The History of the Nordic map – from Myths to Reality (2006) Finnish, Swedish, English
Yksinpurjehdus maapallon ympäri sekä purjehdus Liberdadella Brasiliasta Amerikkaan (2005) Finnish
Harmaat laivat – kuusikymmenluvulta vuosituhannen vaihteeseen (2004) Finnish
Meritaiteen mestareita – merimaalauksia 400 vuoden ajalta (2003) Finnish, Swedish, German
Kuunarilaiva Uljas – omistajat, päälliköt ja matkat (2003) Finnish
Ultima Thule – Arctic Explorations (2001) Finnish, Swedish, English, German, Norwegian, Spanish, Russian
Taide ja meri – Itämeren merimaalareita (2000) Finnish/Swedish
Suomenlahden albumi (1999) Finnish/Russian
Penang pitkillä aalloilla – Pentti Luukkosen meripäiväkirjat 1934–36 (1999) Finnish
Mare Balticum – 2000 Years of History of the Baltic Sea (1995) Finnish, Swedish, English, German, Russian (2011)
The Northeast Passage – from the Vikings to Nordenskiöld (1992) Finnish, Swedish, English

Foundation’s online store:
johnnurmisensaatio.fi/en/shop

THE FOUNDATION'S PUBLISHING OPERATIONS began immediately during the year the Foundation was established, i.e. in 1992. By the end of 2019, the Foundation had published over 40 maritime books on marine history and culture, and received various Finnish and international awards and nominations.

PUBLICATIONS OF
THE JOHN NURMINEN
FOUNDATION IN 2019

The contents and channels of the Foundation bring the story of the sea to life. For the Foundation, books continue to be an important channel for distributing marine information and content. In addition, the Foundation reaches out with exhibitions and events, publishes e.g. the *My Baltic Sea* podcast series, and collects the stories of the sea in the *Loki* service. In 2019, the Foundation published four books of non-fiction.

MERIHIRVIÖT – Merenneidosta mustekalaan
(*Sea monsters – from mermaids to cephalopods*)
Otto Latva

The book introduces us to myths and facts about sea monsters and the curious creatures of the sea that indeed are stranger than fiction. All through history, immense depths, animals that were observed for the very first time, and peculiar marine phenomena have awakened fear in people, inspiring tales of horrifying monsters. People have imagined giant squids that sink ships, and diver-stalking manta rays who dwell under the waves. On the other hand, the world underwater has also been perceived as a paradise, where sea creatures, each one more spectacular than the last, live in gardens of coral. The book focuses on the shared history of humans and aquatic animals that were interpreted as monsters, and the way in which naturalists have attributed monstrous features to sea animals.



MERIHIRVIÖT

“Latva is an excellent author, awakening the interest of his readers and drawing them into stories that are at times incredible. His effortless text is a prime example of popularized natural history and marine research. It would not surprise me to find this book amongst the nominees for the 2019 Finlandia Literary Prize for Non-Fiction.”
– Mattias Tolvanen,
Tieteessä tapahtuu magazine 4/2019

IMAGES: THE NATIONAL LIBRARY OF FINLAND





MEREN LUMO – Elämää pinnan alla
(Enchantment of the sea – Life underwater)
Juha Nurminen & Niko Kettunen

Meren lumo is a declaration of love for the sea. The book features the unspeakably beautiful underwater photography of **Juha Nurminen**. On the wings of the images and the stories by **Niko Kettunen**, the reader is transported on a voyage to the seas of the world. Based on latest research, the book sheds light on the evolution, versatile life, and various threats faced by the sea. It also introduces its readers to the very peculiar features and habits of various sea creatures.



JUHA NURMINEN

Meren Lumo

"Just the way this latest book from the Nurminen Foundation looks like in a bookshop display makes you want to stop and take a look. You want to touch it. Everything seems to be as it should be, starting from the gorgeous exterior. And the contents – the life of the sea and research – draw you in, whether or not you are a sailor. --- This book should be on our living room coffee tables and in company lobbies. It is excellent for both browsing and more in-depth study, and great also for reading with a child."

– Mai Allo, *Yliopisto magazine*



ALPO TUURNALA

VANADIS – Suomalainen fregatti maailmanhistorian tyrskyissä
(Vanadis – Finnish frigate in the storms of the world)
Alpo Tuurnala

This book, written and illustrated by **Alpo Tuurnala**, examines Finnish seafaring on sailing ships, seen in the light of the lifespan of the frigate *Vanadis* from Pietarsaari. The book, illustrated with magnificent aquarelles, covers a period of nearly thirty years, starting from the launch of the *Vanadis* in 1874, and closing

with the vessel's dramatic shipwreck on England's stormy northwestern coast in 1903. Alongside the colourful experiences of the *Vanadis*, Tuurnala describes the dramatic developments in colonial trade, world politics, and violence that shaped the final decades of the 19th century.



PEKKA TURUNEN

MEREN MAA – HAVETS LAND
(Land of the sea)

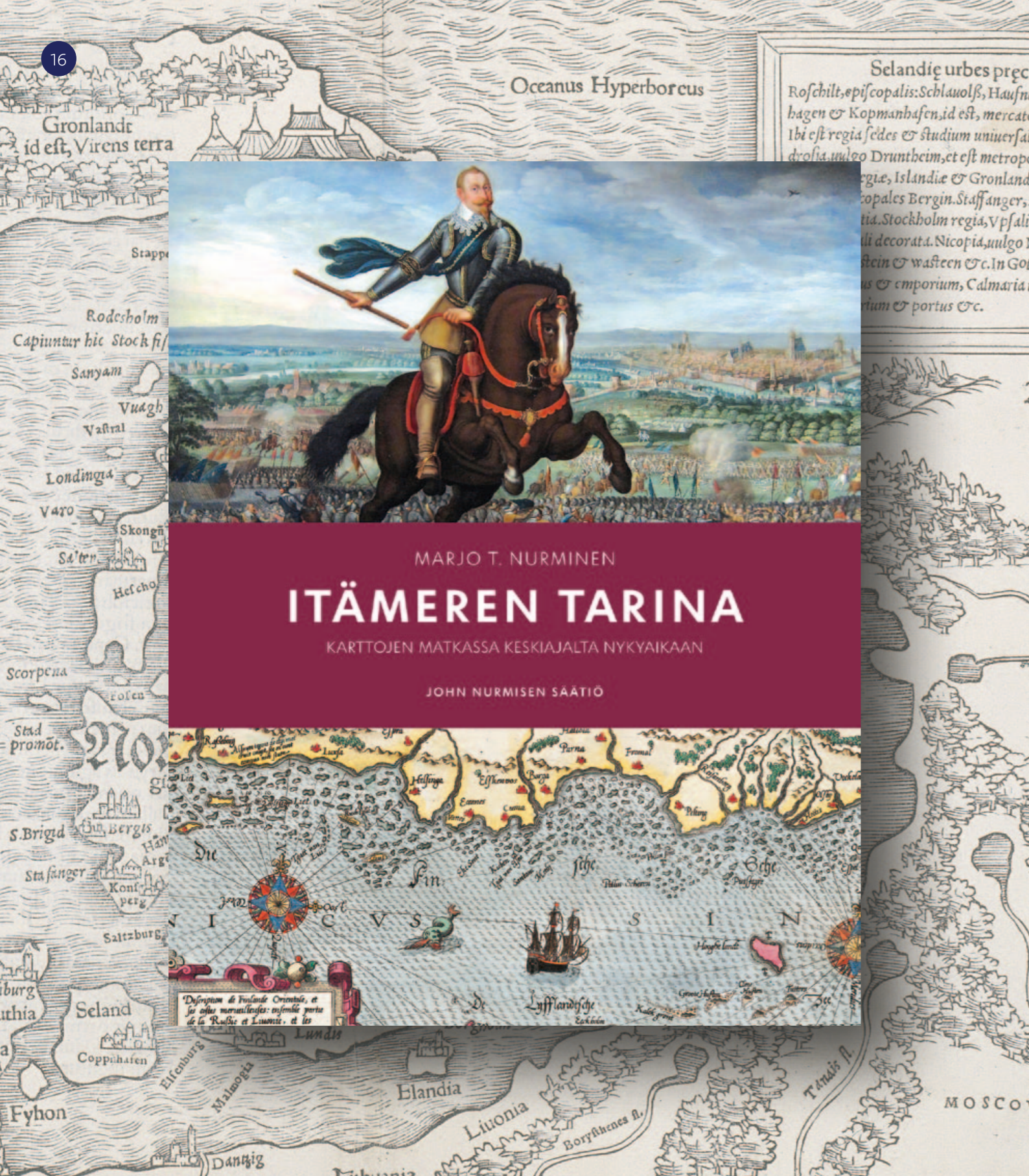
Ritva Kovalainen & Pekka Turunen

Meren maa – Havets Land is a book of images depicting the unique Åboland landscape, with its thousands of islands and cultural environments that are full of character. Björkö, Nötö, Holma, Berghamn, Seili, and countless other locations are the sites of the photographs and stories in the book. Excerpts from folklore selected by **Li Näse**, Sagalund Museum director, and texts on cultural history by the researcher **John Björkman** from the Turku museum centre guide us through the images from the archipelago, created by **Ritva Kovalainen** and **Pekka Turunen**.

Meren maa – Havets land

"Meren maa – Havets land gives its readers glimpses of what life in the archipelago was like in days gone by. Contents full of surprises, magnificent nature photographs, and interesting stories sourced from folklore make this book a fascinating reading experience. Texts drawn up by experts bring the images to life. Even though the tone here is not as bleak as it could be, we cannot escape dealing with the current and future status of the Baltic Sea."

– Terhi Katajamäki, *Agricola*



ITÄMEREN TARINA

– Karttojen matkassa keskiajalta nykyaikaan

(Story of the Baltic Sea– Travelling with maps from the Middle Ages to modern times)

Marjo T. Nurminen

THE KING who became a pirate. The pirate who became a legend. Cousins battling for control of the Baltic Sea. Thousands of shipwrecks in the bottom of the sea. A gas pipe that connected the east with the west, but divided the world. The first cartographers who with their maps told the stories of the northern sea and its coastline.

Itämeren tarina is an exciting trip through time and a fascinating tour guide to the multifaceted world of the Baltic Sea, from the Middle Ages to modern times. The book shows the Baltic Sea as a fairway, setting the scene for the encounters of individual adventurers and entire navies. The book speaks of bustling marine interaction, knowledge, products and skills that go back centuries, shaping people's lives and world views by the shores of the Baltic Sea.

In the book, the story of the Baltic Sea is opened up through maps. The book provides a thoroughly thought-out selection of historically significant maps and modern maps with a current theme. In an insightful manner, the book reveals how maps help us understand both the past and the present of the Baltic Sea area. At the same time, it explains how maps have been used to disseminate information and to shape the image people have of the Baltic Sea and the inhabitants on its shores, from Viking days to modern times.

Images from *Itämeren tarina*:

Map of Scandinavia from 1540, drawn up by Sebastian Münster. [JNF](#)

Detail from the comic map by F.W. Rose, *Serio-Comic War Map for the Year 1877*. BEINECKE RARE BOOKS & MANUSCRIPT LIBRARY, YALE UNIVERSITY

"Marjo T. Nurminen has taken on a challenging topic: it is one that requires an extensive understanding of sources, language skills, and the "ability" to view national and state-level themes as part of the wider context of the Baltic Sea. -- In this time-consuming task, Nurminen has done an excellent job."

– Laura Kolbe, Professor of European History in the University of Helsinki

NEW IN 2020





#OURSEA

THE GOAL of the #OURSEA charity campaign, created by Moomin Characters and the John Nurminen Foundation, is to increase awareness of the status of the Baltic Sea, and to collect funds for the John Nurminen Foundation's work to save the sea and its heritage. The campaign's target is to raise one million euros, and use the donations to fund e.g. the Fertilizer Shipping project, a significant new initiative in Baltic Sea protection, and the nationwide Sea of Memories cultural project.

LAUNCH AT THE HELSINKI BOAT SHOW

The Helsinki International Boat Show of 2020 highlighted the situation of the Baltic Sea. The #OURSEA campaign, created by the John Nurminen Foundation and Moomin Characters, was a partner of the Boat Show, and the campaign was officially launched on the first day of the Boat Show. At the launch, Moomin Characters announced that they themselves will donate €150,000 to the campaign. "Were Tove Jansson still alive, she would do everything she could for the Baltic Sea. I am certain Tove would be happy with our campaign. I believe that by joining forces, and adopting a moominous attitude, we can improve the status of the sea", Sophia Jansson, Creative Director and Chairman of the Board at Moomin Characters, said at the launch. Visitors could learn more about the campaign and the Baltic Sea work of the John Nurminen Foundation by

experiencing the #OURSEA booth. Moomin characters were there to delight our smaller guests at the joint exhibition programmes of the Foundation and Moomin Characters, both in Finland and in Sweden.

#OURSEA CAMPAIGN CONTINUES IN 2021

"Since its launch, the campaign has done a wonderful job in making sure the cause of the Baltic Sea is not set aside, and we have received enormous amounts of positive feedback on it. The campaign's large and versatile team of partners from various walks of life speaks the story of how we are united by the sea. This feeling of community is something we need, in these exceptional times in particular", says Annamari Arrakoski-Engardt, Managing Director of the John Nurminen Foundation. As many of the already planned #OURSEA campaign events have had to be either cancelled or moved back to a later date because of the coronavirus, Moomin Characters and the John Nurminen Foundation have decided to extend the campaign period until the end of July 2021. Our warmest thanks go to Moomin Characters, who made the suggestion that we should extend the campaign, allowing us to enjoy the wonderful #OURSEA events and other campaign contents also next year. By continuing the campaign, we can also secure support for our work. Even in the midst of a crisis, we retain our focus of performing tangible, impactful, and measureable work"; says Arrakoski-Engardt.

Follow the campaign counter as it moves towards its target sum and make a donation at:
oursea.fi

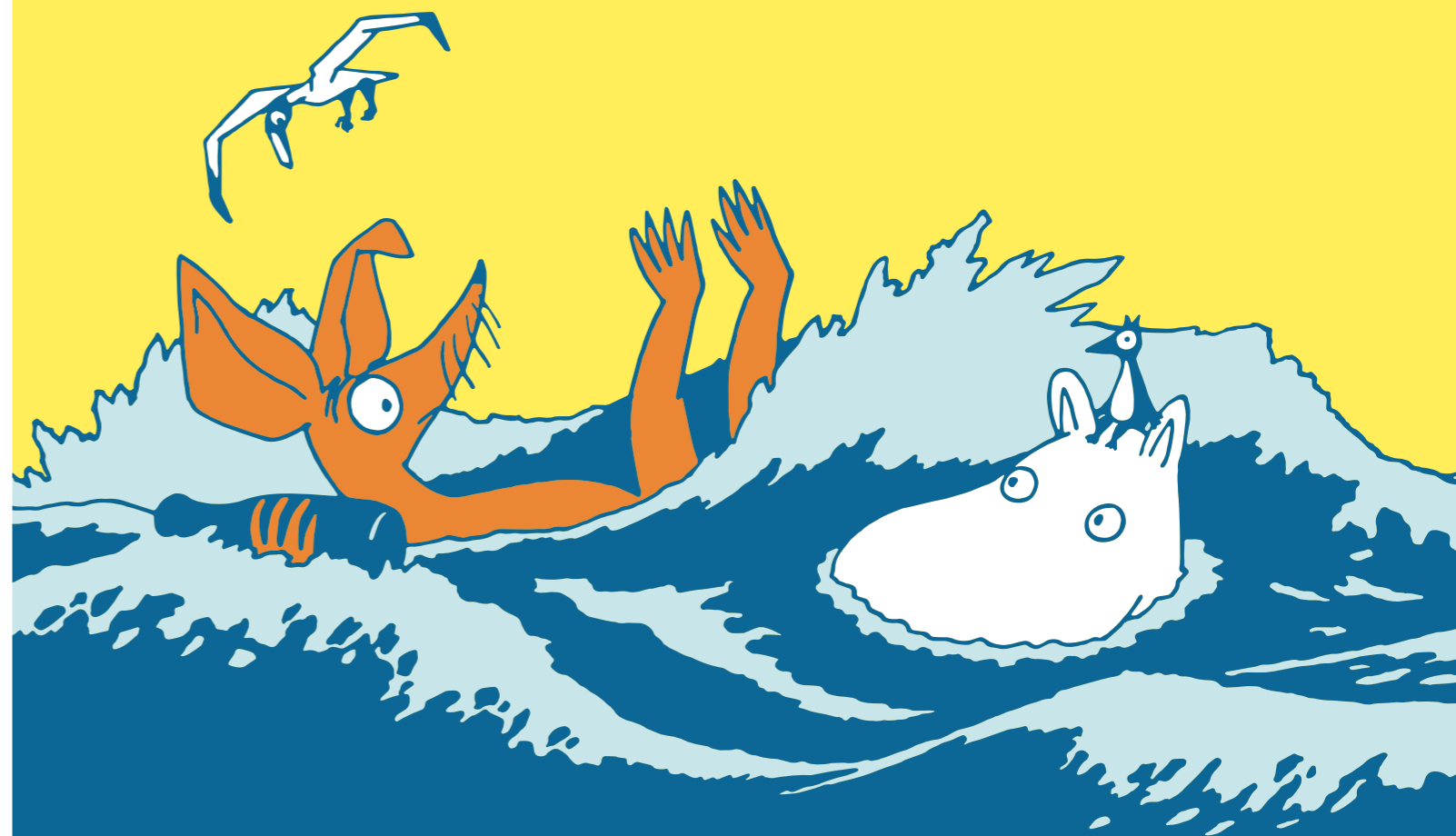
Follow the campaign on social media:
#MEIDÄNMERI
#VÅRTHAV
#OURSEA

THE MOOMIN MUSEUM CELEBRATES THE 75TH ANNIVERSARY OF MOOMIN STORIES WITH THE EXHIBITION MOOMINS AND THE SEA

On 14 February, i.e. Valentine's Day, the world's only Moomin Museum in Tampere celebrated the opening of the exhibition **Moomins and the Sea**. The exhibition presents a marine Moomin landscape with original illustrations from the books and related texts. The Moomins sailed, fished, camped and ate local food from their own garden. The Moomins' environmentally friendly and nature-loving lifestyle serves as an example of how we can make everyday choices that help the Baltic Sea.

With its anniversary exhibition, the Moomin Museum participates in the #OURSEA campaign, organised by Moomin Characters and the John Nurminen Foundation.

The exhibition is open until 31 January 2021.



ON 27 AUGUST 2020, WE GET TOGETHER TO CELEBRATE THE BALTIC SEA DAY

#BALTICSEADAY

The Baltic Sea Day, launched by the John Nurminen Foundation, is an annual day of celebration in honour of the sea. The objective of the day is to encourage people to enjoy the unique sea that belongs to us all, and to take tangible actions that benefit the sea. In addition to the celebrations, the purpose of the Baltic Sea Day is to provide information on the versatile nature, culture, and history of the Sea.

The Foundation seeks to partner with as diverse a group of stakeholders as possible for the day, coming not only from the field of environmental protection but other sectors as well. Already, more than one hundred partners, ranging from cities, NGOs, cultural stakeholders and companies, have signed up for the first celebration in 2020.

JOIN US

The Baltic Sea Day is celebrated every year on the last Thursday in August with various rallies and events. This marine festival can be celebrated in many ways: you can participate in events, organise an event yourself, or engage in activities for the Baltic Sea.

Events can be organised with any kind of sea-related theme. A Baltic Sea Day event can therefore be e.g. an exhibition, workshop, guided trip to nature, or even a lecture that is open to all. Events can be set up by organisations, NGOs, or any stakeholders who are excited to be part of the Baltic Sea Day.

"Many know us by the concrete and impactful work we do to protect the Baltic Sea, a field where we are engaged on many fronts, and in various projects. The Baltic Sea is, however, much more than the blue-green algae disasters we witness annually, or one of the major environmental problems of Northern Europe. When we speak of the Baltic Sea, we cannot just ignore its versatile role in the fields of culture and the arts. The specific features of the Baltic Sea, its geographic location, its history, the people who have lived on its shores and who inhabit it today – all these aspects make it one of the most unique places in the world."

– Annamari Arrakoski-Engardt,
Managing Director of the John Nurminen Foundation

The events are public and open to all, and participation is in most cases free. In addition to participating in and organising events, you can celebrate Baltic Sea Day with Baltic Sea activities.

A Baltic Sea activity can be any activity that celebrates the sea. Take a group of colleagues on an island adventure; get together a gang that cleans up the beach nearby; cook a Baltic Sea menu together, or come up with something completely different!

Organisations, groups of colleagues, and other teams can sign up and share their Baltic Sea activity or event on the Baltic Sea Day website at www.itämeripäivä.fi.

BALTIC SEA DAY VALUES

By participating in the Baltic Sea day, you commit to adhering to our shared values:

- The Baltic Sea is more than its ecological status – it is culture, environmental protection, experiences and adventure.
- Our operations are in line with sustainable development.
- We implement actions that make people's minds turn towards the Baltic Sea.
- We are a proud ambassador of the Baltic Sea Day, and we respect the Baltic Sea community and other partners of the Day.
- We encourage all around to join in!

27 AUGUST 2020

ITÄMERI PÄIVÄ

ÖSTERSJÖDAGEN ♦ BALTIC SEA DAY

itämeripäivä.fi balticseaday.fi

#itämeripäivä #östersjödagen #balticseaday www.balticseaday.fi



A SEA OF MEMORIES

IN ITS NEW CULTURAL PROJECT, the John Nurminen Foundation collects sea-themed memories from the Finns. The goal of the project, called a Sea of Memories, is to open up new vistas to the images and beliefs people hold of the sea, and to encourage Finns to think about their relationship with the Baltic Sea. The Foundation will create a multimedia exhibition, launched on Baltic Sea Day, 27 August 2020, on the diverse memories of the Finns and their relationship with the Baltic Sea.

The John Nurminen Foundation collects maritime memories in Finnish, Swedish, and English; the memories can be shared as an image, as text, an audio recording, or a video. The goal of the project is to leave a permanent mark in the memory of the nation, and accrue our national cultural heritage.

“We, the Finns, are all people of the sea. The Baltic Sea is and has always been our pantry, our transportation route, and the umbilical cord that ties us to the rest of the world. On our shores are museums, islands, sailing clubs and places to fish and spend your summer in, each upholding centuries-

“Our memories, both everyday and festive, of the sea and what it is like to live with the sea are part of our priceless immaterial cultural heritage, which we must maintain and preserve also for future generations. It is great to see that the Sea of Memories project will combine resources from both research and culture in order to safeguard this heritage.”

– Jaana Kouri, Research Associate in Åbo Akademi's profile area The Sea

old marine traditions. We wish to investigate and explore this quotidian but at the same time extremely important relationship with the Sea”, says **Annamari Arrakoski-Engardt**, Managing Director of the John Nurminen Foundation.

The exhibition curated from the Finns' Baltic Sea memories will be launched as part of another societal effort by the John Nurminen Foundation, the Baltic Sea Day, which is celebrated annually on the last Thursday of August with various experiences and events. Guests at the exhibition will experience a media installation, implemented on the basis of marine memories and brought to life through readings and interpretations by professional actors. The installation will feature the photographs, videos, and audio messages sent by the Finns.

The Foundation welcomes your memories also after the exhibition, as they can be used when building later exhibitions, books, or podcasts.

Marine memories are collected in cooperation with Åbo Akademi, various museums, and other stakeholders. All memories for which assent has been granted will also be handed over to the archives of the Finnish Literature Society.

#muistojenmeri johnnurmisen-saatio.fi/en/sea-of-memories/

DIGIMUSEO.FI

"It is wonderful to see the Finnish Museums Association and the John Nurminen Foundation take on this challenge, now even more urgent than before, of inviting museums to develop their own digital services and contents on a new platform. Many museums have already made their contents freely available, and with Digimuseo.fi, they can use a new and interesting channel to create and share also cultural heritage services and content behind a paywall."

– Tiina Merisalo, Director General of the Finnish Heritage Agency

NEW DIGIMUSEO.FI BRINGS MUSEUMS TO THE FINNS' HOMES

The Finnish Museums Association and the John Nurminen Foundation have today released an online service with the goal of gathering the digital contents and offering of all Finnish museums to one place. In the new Digimuseum, you can acquaint yourself with museum collections virtually – and for the first time also joined by a friend, or instructed by a guide. The ambitious objective of the creators is to grow the service into the most popular and well-loved website offering digital museum services.

EXPERIENCES AND INFO BANKS

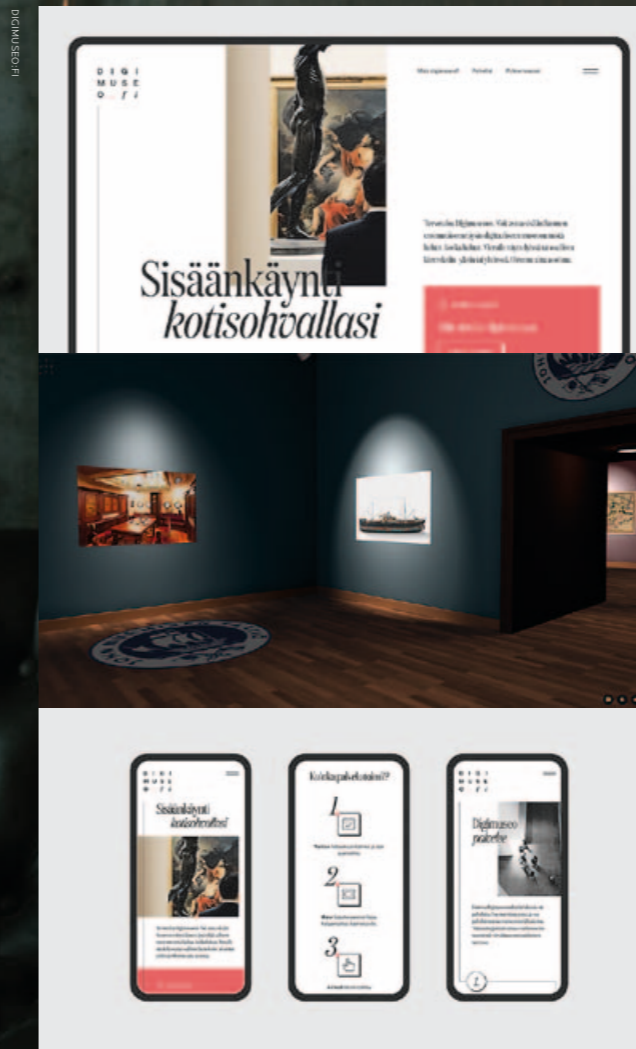
To start with, the digimuseo.fi service opened the doors of the three finalists in the "Museum of the Year 2020" competition: visitors can enter the Pharmacy Museum and Qwensel House, the Helinä Rautavaara Ethnographic Museum, and the Finnish Museum of Agriculture, Sarka. The fourth place to visit is the

marine collections of the John Nurminen Foundation. In addition to visits to the collections, the service will provide exhibitions and guided tours. You can even take part in first-of-a-kind virtual museum tours together with friends and a guide dedicated to your group. The Digimuseo.fi pages feature the digital services that the museums have already made available: the Seinätön museo (wall-less museum) mobile guide; Kysy museolta (ask a museum); and Loki Stories. In the future, a museum shop will be added to the Digimuseum.

MUSEUMS AT EVERYONE'S FINGERTIPS – CORONA ACCELERATES DIGITAL TRANSFORMATION

The Digimuseum concept has been bubbling under for a long time, but it took the coronavirus epidemic to hasten its launch. "We all have a great need to access culture, and the service we are about to open makes this possible in a way that is safe, and independent of time and place. We decided to make museum contents available to all Finns on a very fast schedule. We wanted everyone to have the same easy access to cultural heritage as we at the Foundation enjoy every day, as we work on our hands-on tasks surrounded by our collections. The idea of the Digimuseo.fi service is to see, hear, and share cultural events and experiences. This was the key idea already when we, together with our partners, were building the marine treasure trove of stories became the lokistories.fi online service. Already then we had recognised the need to move from glass cabinets to the Internet, and this time we managed to do this really quickly", says Annamari Arrakoski-Engardt, Managing Director of the John Nurminen Foundation.

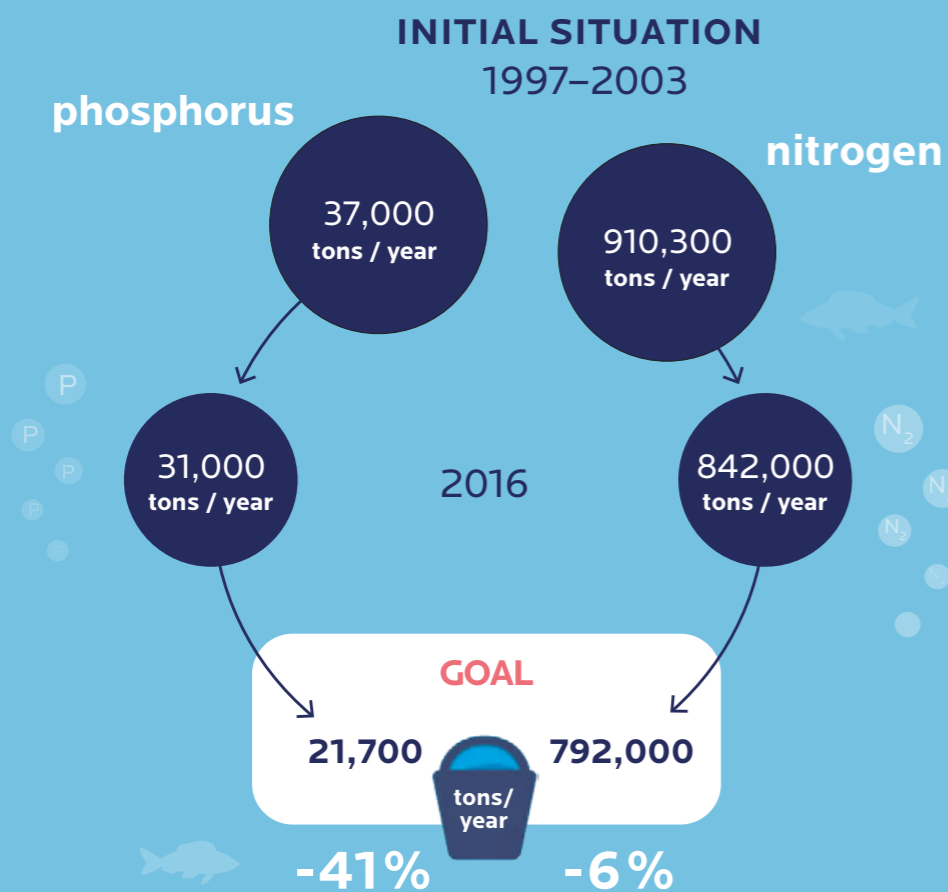
www.digimuseo.fi #digimuseo



CLEAN BALTIC SEA – WHEN WILL WE REACH THE GOAL?

PROTECTING THE BALTIC SEA is a long-term undertaking. Thanks to the efforts and joint projects of the John Nurminen Foundation, the annual eutrophication-inducing phosphorus load of the Gulf of Finland has been reduced by as much as 75%. This is a marine protection world record. On the level of the entire Baltic Sea, however, there is plenty more to do.

The graph below describes the volumes of phosphorus and nitrogen that enter the Baltic Sea, and the levels we strive to reach. In order to reach a good ecological status, discharges should be reduced annually by a further 9,000 tonnes of phosphorus, and 50,000 tonnes of nitrogen.



Source: HELCOM

CLIMATE CHANGE AND THE BALTIC SEA

EUTROPHICATION PICKS UP SPEED, OXYGEN DEPLETION OF SEABEDS ACCELERATES

Through various mechanisms, climate change makes the Baltic Sea's most serious environmental problem, i.e. eutrophication, even worse. In Southern Finland in particular, climate change increases both rainfall and the snowless winters we have seen in the past couple of years. Both phenomena increase land-sourced nutrient runoff. According to experts, climate change may in fact increase the nutrient loads from land by more than 30% by the year 2060.

One of the harmful mechanisms brought about by climate change is increasing seawater temperature. It accelerates the primary production of the sea, i.e. the growth of all that is living. It is particularly useful to blue-green algae, which thrives in warm waters and will grow explosively when the waters warm up. This has been evident, in

a particularly unpleasant way, during the warm summer weeks of the past few years.

Climate change also makes oxygen depletion in the seabed worse. First of all, it strengthens the thermal and salinity stratification of the Baltic Sea, reducing the chances of the seabed receiving oxygen through mixing with the surface waters. Secondly, the warmer the water, the less oxygen is dissolved in it. A third phenomenon is the heat-induced acceleration of the decomposition processes in the seabed, which again increases oxygen consumption in the seafloor waters.

Worsening seabed anoxia, on the other hand, increases the release of phosphorus that was up to now retained in the seabed, which in turn increases the volumes of phytoplankton and blue-green algae in particular – completing a vicious cycle as this dead biomass sinks to the bottom for decomposition.



Marjukka Porvari has worked for the John Nurminen Foundation since 2005. She led the Foundation's first Clean Baltic Sea project in St. Petersburg, and has been in charge of the Foundation's Baltic Sea protection operations ever since.

Bladderwrack.



TIMO KETONEN

Blue mussels.

KEYSTONE SPECIES AND OTHER ORGANISMS IN TROUBLE

Due to increased precipitation, seawater temperatures rise and salinity decreases, threatening also the organisms that live in the sensitive brackish waters of the Baltic Sea. The fact that water in the Baltic Sea is brackish makes it by definition a challenging environment for many species which have originally adapted to life in either sweet water environments or the oceans.

This is why many keystone species of the Baltic Sea, such as bladderwrack and common eelgrass, whose swards provide a safe “kindergarten of the sea” for marine organisms, are threatened by climate change. One keystone species is the blue mussel, whose average size and, consequently, total biomass is reduced by warming. This, in turn, has an impact on eiders, for which blue mussels are an important source of nutrition. Mild winters also threaten the survival of the endangered Baltic seal, which nests in lairs on ice; this is why the Internet has in the winter time been filled with heartbreaking images of helpless Baltic seal pups in trouble.

KEYS TO A PLANET-SIZED PROBLEM CAN BE FOUND ON OUR OWN DINNER TABLES

Climate change and eutrophication may seem to be two separate problems, and beyond our means to solve. Some of their causes are, however, exactly the ones that we as consumers can have an impact on. According to research, 60% of an average Finn’s Baltic Sea nutrient footprint is created by our diet. Replacing animal-based products – i.e. milk and dairy – with plant-based products and sustainably caught wild fish is the easiest way to diminish your nutrient footprint, which impacts the Baltic Sea and the inland waterways.

A few years ago, the same issue was highlighted by research published in the leading journal *Science*: 83% of the world’s cultivated land area is used to produce animal-based food. In this way, only 18% of the world’s calories and 37% of proteins are produced, while generating as much as 58% of greenhouse gas emissions from agriculture, and 57% of runoff to water systems. As consumers, we can best impact both global problems – climate change and the accelerating eutrophication of the seas and inland waters – by simply cutting down on meat and dairy in our diets. The same results were reached by the Finnish RuokaMinimi study.

With less animal-based production, the cultivated land area could be cut by as much as 75%, which would radically reduce both eutrophication runoff to waterways and greenhouse gas emissions, thus stopping the rapid decline in the number of animal species. Planet-sized solutions are therefore surprisingly close – they are right there on our dinner tables. Even one meal or a day when you choose to eat vegetables and sustainably caught fish is a great way to start making a change.

STATUS OF THE BALTIC SEA AFTER A WINTER OF CLIMATE CHANGE

The winter in southern Finland was record-breakingly mild and snowless. In the worst possible way, it

demonstrated the consequences of climate change. In the winter of 2020, record-breaking nutrient loads were measured in several rivers. In southwestern Finland, for example, a river could carry more than half of its annual nutrient flow within the span of one week. Up until now, the greatest nutrient runoffs took place during the spring floods, but in the winters affected by climate change, the greatest runoffs are often measured in December and January.

According to the results from the winter voyage of the marine research vessel *Aranda*, the stormy and ice-free winter was efficient in mixing the oxygen-rich surface waters all the way to the depths of the sea. A positive side in all this is that the oxygen status of the Gulf of Finland was exceptionally good, and there have been no indications of poisonous hydrogen sulphide. As a downside, the rich phosphorus reserves of the depths are now mixed with the entire mass of water, leading to a high concentration of phosphorus in the Baltic Sea’s surface waters when compared to the average of the past 20 years. At one measurement station, they even managed to reach the highest levels of phosphorus in measuring history. However, the levels of so-called calculated surplus phosphorus – i.e. phosphorus that remains in surface waters after a nitrogen-limited spring bloom, and directly feeds the blue-green algae blooms in the summer – were still below the levels of 2017 and 2019.

As a negative trend, we could see the increase in phosphorus levels in the water of the Bothnian Sea, evident also in the measurements from the winter of 2020. Concentrations of soluble phosphorus have been rising in the Bothnian Sea all through the 2010s, nearly doubling in the span of ten years. This increases the likelihood of algae blooms also in the Bothnian Sea. Earlier, eutrophication was seen first and foremost as a problem afflicting the Gulf of Finland and the Archipelago Sea, but now we see the problem spreading also to more northern marine areas.

Marjukka Porvari
Director, Clean Baltic Sea projects

KIRSI KURJAMÄTTINEN



”

“The winter of 2019–2020 was not only the warmest ever measured in Finland, but also exceptionally rainy. In southern Finland, rivers rose to flood levels several times between December and February. The phosphorus load of the Archipelago Sea during these three months equalled almost the entire load of the record year 2008. Even in the River Vantaa, the winter’s phosphorus load was approximately the same as the annual load in the 2010s. According to the forecast of the Finnish Environment Institute, by 2060, climate change can at its worst increase phosphorus runoff from the fields of the Archipelago Sea catchment area by 50%, and nitrogen runoff by more than a third.”

– News release of the Finnish Environment Institute, 22 April 2020

CLEAN BALTIC SEA PROJECTS

- COMPLETED PROJECTS
- ON-GOING PROJECTS
- PARTNERSHIP
- DRAINAGE BASIN OF BALTIC SEA



CONCRETE AND IMPACTFUL MARINE PROTECTION

DURING THE PAST FIFTEEN YEARS, the John Nurminen Foundation has launched over 40 Clean Baltic Sea projects, of which 25 have been completed. In cooperation with other stakeholders, the nutrient load of the Baltic Sea has been reduced considerably.

The Foundation's first Clean Baltic Sea project was implemented in 2005–2011 in St. Petersburg. Together with the modernization of St. Petersburg's wastewater system, the Foundation's projects, i.e. improving the efficiency of phosphorus removal from the wastewaters of St. Petersburg and cleaning up the discharges from a fertilizer factory by the River Luga, have reduced the volume of eutrophication-inducing phosphorus in the Gulf of Finland by as much as 75%. Measured by their environmental impact, phosphorus removal in St. Petersburg and cleaning up the fertilizer discharges of the River Luga are the most efficient protection measures ever implemented in the Baltic Sea, and the Foundation played a key role in both.

The ENSI service, which reduces the risk of oil spill accidents, was developed in the Foundation-led Tanker Safety project in 2009–2014, after which the further development of the service became the responsibility of the Finnish Transport Infrastructure Agency.

THE FOUNDATION'S environmental work continues to focus on reducing the greatest environmental problem of the Baltic Sea, i.e. eutrophication. Our tangible measures and rescue operations are implemented by the Foundation's Clean Baltic Sea team. In addition to projects already underway, the Foundation is continuously assessing possible emerging discharge risks, and measures that reduce discharges efficiently. The objective is to promote the implementation of the most consequential and cost-efficient protection measures in the Baltic Sea. In 2019, such assessments were carried out e.g. on the overseas transportation of fertilizers. We also surveyed new measures that would reduce nutrient discharge runoffs from agriculture and forestry.

At the same time, we monitor other environmental issues that pertain to the Baltic Sea, such as discharges of harmful substances, and the opportunities the Foundation has to impact them. The Foundation is an active societal stakeholder, highlighting the priorities of Baltic Sea protection in HELCOM and in other fora. The Foundation engages in active dialogue with environmental authorities and political decision makers.

Local Fishing project +

Cyprinids from the sea to our plates

INTERNAL LOAD OF THE SEA



KESKO

THE LOCAL FISHING PROJECT, which lasted for five years and ended in 2019, has recycled a significant amount of nutrients from sea to land through the fish stock management of cyprinids, and built a route that takes underused domestic fish to the dinner plates of the Finns. In addition to being delicious and nutritious, a catch of cyprinids also removes nutrients from the Baltic Sea. Eating fish that is caught sustainably from the Baltic Sea is a smart and tasty way to protect the sea that we love.

Bream, that most underrated delicacy of the Baltic Sea pantry, has found its way to many dinner plates, thanks to the John Nurminen Foundation's Local Fishing project. There are already several delicious bream and roach products available at stores, such as the Pirkka Archipelago Fish Patty, which uses bream fished in the Local Fishing project.

In 2019, the project fished approximately 160,000 kg of bream and roach, leading to the removal of 1.2 tonnes of phosphorus from the Baltic Sea. During the entire project, approximately five tonnes of phosphorus were removed from the Baltic Sea. In the coming years, fishing that targets cyprinids will continue but on market terms, without financial support from the Foundation. As a continuation of the Local Fishing project, the Foundation's partner CapGemini will create an analysis, based on extensive interviews, where the uncertainties identified in the project's value chain will be reviewed on the basis of stakeholder experience. The objective is to transfer information accrued by the project to stakeholders in the field, and, consequently, to ensure that cyprinid products from fish stock management continue to be available on the market also in the future.

johnnurmisenfaat.io/en/projects/local-fishing-project



EUROPEAN UNION
European Regional
Development Fund



NutriTrade
Nutrient Offsetting for the Baltic Sea

Baltic Fish project +

Fish delicacies to dinner tables in Sweden and Åland

INTERNAL LOAD OF THE SEA

SUSTAINABLE fish stock management of underused fishes helps the eutrophicated Baltic Sea, and provides consumers with a new, climate and waterway-friendly source of protein. In 2019, encouraged by Finland's successful Local Fishing project, the John Nurminen Foundation, Race for the Baltic, Guldhaven Pelagiska, Rädda Lumparn, and Ålands Fiskarförbund joined forces to launch the **Baltic Fish project**, which seeks to commercialize the fish stock management of cyprinids also in Åland and Sweden. The Baltic Fish project is financed by the Finnish and Swedish governments' Baltic Sea Action Plan Fund, which in turn is managed by the Nordic environmental financing company NEFCO.

The project's objective is to introduce sustainable and local cyprinid products to the markets of Sweden and Åland, and in fact, the first cyprinid delicacies are already available to restaurants. Moreover, the project will create rules for ecologically sustainable fish stock management for both coastal areas.

johnnurmisenfaat.io/en/projects/baltic-fish



GULDHAVEN PELAGISKA AB



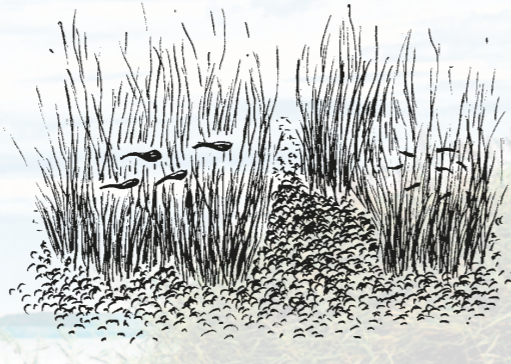
Learn more about cyprinid recipes on the pages of Guldhaven Pelagiska:
guldhaven.se/recept-inspiration

PIKE FACTORY

ILLUSTRATIONS AND TEXT: MIINA MÄKI



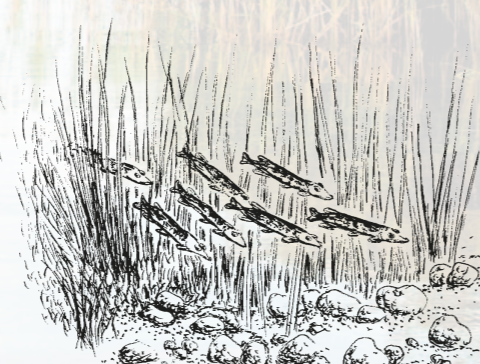
1. A PIKE WILL DROP ITS EGGS SPARSELY AMONGST THE VEGETATION OF ITS SPAWNING AREA. A GOOD SPAWNING AREA CAN LURE DOZENS OF FEMALE PIKES.



2. AFTER HATCHING, SMALL PIKE SAC FRY ATTACH TO WATER PLANTS FOR ABOUT A WEEK, AND CONTINUE TO GROW WITH THE NUTRITION IN THE YOLK SAC.



3. HAVING GROWN SLIGHTLY, SWIM-UP FRY WILL START LOOKING FOR AND EATING ZOOPLANKTON AND SMALLER FISH FRY, ALSO OF THEIR OWN SPECIES, AMONGST THE VEGETATION. THE SPAWNING AREA MUST PROVIDE THE PIKE FRY WITH ENOUGH NUTRITION FOR THEM TO GROW FAST ENOUGH AND BE ABLE TO SURVIVE ALSO OUTSIDE OF THE SPAWNING AREA.



4. AFTER ABOUT A MONTH FROM HATCHING, WHEN THEY ARE ALMOST 10 CM LONG, PIKE FINGERLINGS LEAVE THEIR SAFE INITIAL GROWTH ENVIRONMENT, AND MOVE AS A GROUP TOWARDS MORE OPEN WATERS. PIKE FINGERLINGS HUNT FOR EXAMPLE AMONGST THE REEDS AND WATER PLANTS OF THE COASTLINE.

SEABASED project

Solutions to the internal load of the sea

INTERNAL LOAD OF THE SEA

THE KEY OBJECTIVE of the **SEABASED project**, launched in 2018, is to introduce more information on measures that could complement discharge reduction measures on land by reducing the nutrient load already in the sea, and to bring this information to Baltic Sea decision making. The project will review existing information and the views stakeholders and the scientific community hold on the benefits, costs, risks, feasibility, and funding opportunities of measures that reduce the sea's internal load. Another project objective is to pilot methods that remove nutrients from the sea, thus improving water quality locally, and to provide information and practical experiences on these methods to support and direct decision making and further work. The EU's Interreg Baltic Sea Region programme is the main funder of the project.

In 2019, the project organised many workshops, using their results to compile instructions for the practical implementation of measures that reduce the internal load of the sea. In Åland, good results have been obtained by recycling nutrients from the seabed to the fields with irrigation water. Laboratory tests showed promising results for the use of Gotland limestone in retaining

eutrophicating phosphorus in the sea's bottom sediment. This method is also being tested in oxygen-depleted sea bays that suffer from internal loading, with the first sea spread completed in a 10 hectare area in Linköping in the autumn of 2019. Moreover, measures that support local stocks of predator fish were implemented in Sweden and Åland: measures included fish stock management of the three-spined stickleback, and creating spawning platforms that are suitable for predator fish.

In 2020, the Stockholm and Turku Archipelago limestone pilots will be launched. It is also possible that laboratory-scale tests will be conducted to determine the effectiveness of removing the oxygen-consuming active top layer of sediment from the seabed. The impact of pilots that have already been completed will be followed up also in 2020. Pilot results and information on their financial, legal, and technical feasibility will be compiled into instructions for further utilization. We will also continue to canvass our stakeholders, collecting their various experiences, viewpoints, and opinions. The project will end in the spring of 2021.

seabasedmeasures.eu



Thirteen tons of treated marl was spread by helicopter over a 10 hectare area in Kyrkviken, Sweden in September 2019.



The River Vantaa Gypsum Project

The River Vantaa Gypsum Project improves the ecological status and recreational value of waterways

DISCHARGES FROM AGRICULTURE

IN 2019, gypsum was spread on almost 2,130 hectares of cultivated field in the **River Vantaa** catchment area. Gypsum treatment halves the annual phosphorus load from agriculture for the duration of approximately five years, thus reducing eutrophication and the prerequisites of blue-green algae growth in the River Vantaa, in Vanhankaupunginlahti, and in the Gulf of Finland. Moreover, gypsum treatment significantly reduces solids runoff, which makes the water murkier, to the River Vantaa and from the river to the sea.

Gypsum treatment was carried out by local farmers, who did not have to pay anything for this waterway protection measure. The project carried all costs related to transporting and spreading the gypsum and planning the work. In 2019, 50 farms

from Riihimäki to Helsinki participated in the project. The majority of the treated field area was located in Nurmijärvi, Vantaa, and Hyvinkää.

Gypsum treatment will continue in the autumn of 2020, when, in all likelihood, the project's target of 3,500 hectares treated will be exceeded. Current regulations do not allow the use of industrial side stream gypsum in organic farming, but, whenever possible, the River Vantaa Gypsum project will try out spreading organic gypsum on organic fields. The project is implemented by the John Nurminen Foundation, together with the University of Helsinki, the Finnish Environment Institute, and the Water Protection Association of the River Vantaa and Helsinki Region. The project, launched in 2018, is

In the autumn of 2019, the River Vantaa Gypsum Project spread gypsum on fields in Nurmijärvi.



PHOTOS: ILKKA VUORINEN

"It is great to see that in Finland, the government, NGO sector, and foundations all work together to find, through collaboration, the best ways to reduce the load on the environment. In this work, the John Nurminen Foundation has been instrumental. Their projects have led the way, and the government – a slightly slower machine – will follow. Keep rooting for us also in the future!"

– Ville Niinistö,
MEP, the Green League
Fieldside event of the River Vantaa Gypsum project, 27 September 2019.

funded by the Foundation's private donors together with Euroclear, Yara, and the Ministry of the Environment.

The River Vantaa Gypsum Project consortium has also shared its experiences in gypsum treatment and water quality follow-up with the people in charge of the Raaseporinjoki project and the KIPSI project in Southwest Finland. The goal of the KIPSI project is to treat 50,000 hectares of fields in the Archipelago Sea catchment area during 2020–2022.

johnnurmisenfaat.io.fi/en/projects/the-river-vantaa-gypsum-treatment-project

Satakunta Manure Recycling pilot

HKScan, Raisio and John Nurminen Foundation co-operate to improve recycling of manure nutrients for food production in a new project

DISCHARGES FROM AGRICULTURE



TERO RINUTILA

If manure is processed in a way that increases its phosphorus content but reduces its total mass, its spreading area can be expanded to cover fields that are low on phosphorus and located further away in crop-intensive regions.

SURPLUS MANURE created in livestock production is a challenge for many meat-producing farms. Transporting slurry to fields is cost-efficient only when distances are fairly short. This is why the volumes of fertilizer spread on fields in areas with a lot of animal farming exceed the needs of the plants, especially when it comes to phosphorus. As a result, phosphorus levels in the fields go up, as do nutrient discharges to the waterways. In Finland, livestock production is clustered in western Finland and Ostrobothnia.

If manure is processed in a way that increases its phosphorus content but reduces its total mass, its spreading area can be expanded to cover fields that are low on phosphorus and located further away in crop-intensive regions. If the soil in these crop-intensive regions has for a long time been fertilized with artificial fertilizers alone, the soil will benefit not only from the phosphorus, but also from the organic matter in the manure.

In the **Satakunta Manure Recycling Pilot**, the John Nurminen Foundation, together with HKScan and its pork contract manufacturer Emomylly Oy as meat production representatives, and Raisio from the plant side, have agreed to cooperate with the goal of improving the regional nutrient balance of food production, and reducing nutrient discharges to the Baltic Sea.

During the three-year project, a total of 7,500 kg of manure phosphorus will be transferred from the livestock production stronghold of Huittinen in Satakunta – where there is a surplus of nutrients – to the Pirkanmaa crop production area, where there is a nutrient deficit. The goal is to create local environmental benefits and improve the status of both waterways and the soil, thereby reducing the nutrient loads that end up in the Bothnian Sea. Another objective of the project is to create information and operational models for improving the nutrient balance of livestock production throughout Finland.

johnnurmisen-saatio.fi/en/projects/satakunta-manure-recycling-pilot

Gypsum Initiative

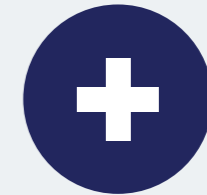
Gypsum treatment for the entire Baltic Sea area

DISCHARGES FROM AGRICULTURE

IN EARLY 2020, the John Nurminen Foundation, the Finnish Environment Institute, and the University of Helsinki launched the **Gypsum Initiative**, a project that seeks to disseminate information on gypsum treatment of fields – a method that has been proven to be an efficient waterway protection measure – in the Baltic Sea area, and to find out if the method can be applied in other countries as well. The project is financed by the Ministry of the Environment, using the grant for cooperation in the Baltic Sea, Barents Sea, and the Arctic regions from the Ministry of Foreign Affairs.

The two-year project aims at building cooperation networks, comprising farmers, researchers and the authorities, that make gypsum treatment possible in the Baltics, Poland, Germany, Sweden, and Denmark: the project will carry out small-scale analyses of how well gypsum works in each individual region, prepare for the more wide-scale use of gypsum, and work for its introduction to national agricultural support programmes in the countries that surround the Baltic Sea.

johnnurmisen-saatio.fi/en/projects/gypsum-initiative



Active follow-up of completed projects

We continuously monitor the already completed water utility projects in e.g. Russia, Belarus, and Poland that received funding from or were implemented by the Foundation. Project partners report to the Foundation regularly on the treatment levels of outgoing wastewater, and the usage of equipment delivered by the Foundation.

The Foundation also continues to work closely with the fertilizer manufacturer EuroChem. In 2012, as a result of the cooperation between the Foundation and EuroChem, the phosphorus-rich wastewaters that entered the River Luga in Russia from the Phosphorit fertilizer factory were directed to efficient treatment. In 2019, the Foundation's representatives visited the new nitrogen production line at the Phosphorit factory, which allows the plant's fertilizer production to move to a fully closed water system within the next few years.

WORKING TOGETHER FOR A CLEAN BALTIC SEA!



In many Baltic regions, the treatment of industrial wastewaters continues to be a major challenge. Wastewaters from industry are still directed to municipal treatment plants without pre-treatment, which may lead to disruptions in plant operations and poorer treatment results. The City of Helsinki, the John Nurminen Foundation, and the Helsinki Region Environmental Services Authority are working on this challenge in the BEST – Better Efficiency for Industrial Sewage Treatment project, which is a joint project of Baltic Sea countries.

- The goal is to make industrial plants pre-treat industrial sewage before directing it to municipal treatment plants, thereby reducing the environmental load of the Baltic Sea.
- The project seeks to disseminate information on good practices and to improve co-operation between various stakeholders, such as industrial and wastewater treatment plants and environmental authorities.

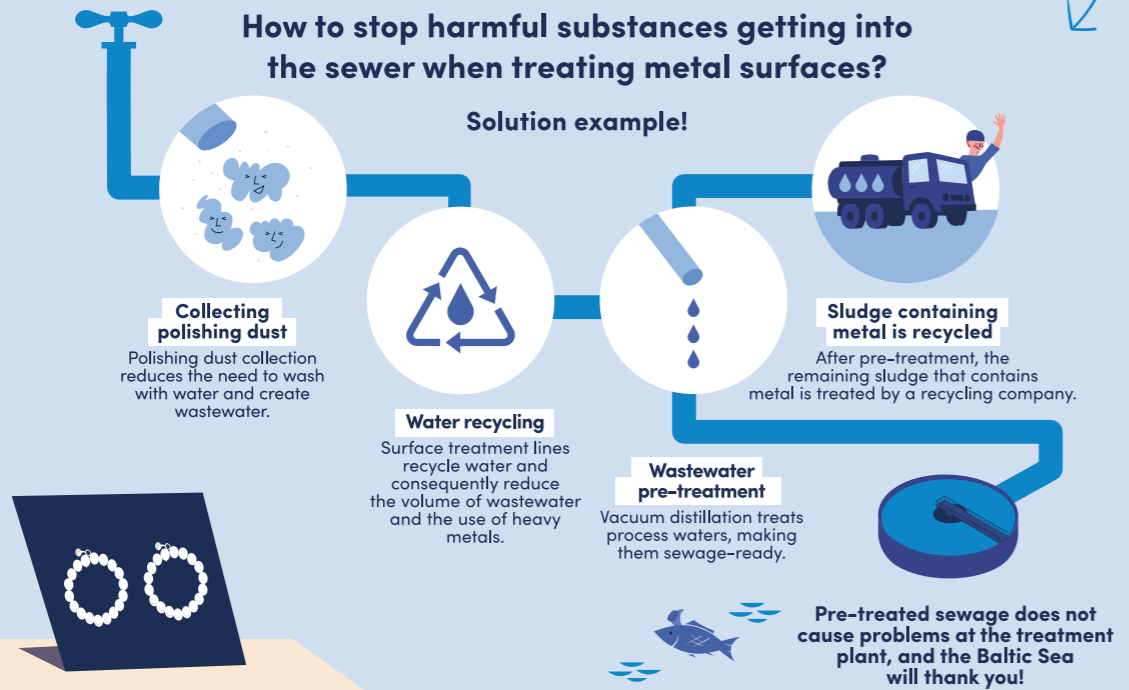
Many Finnish companies have developed good sewage pre-treatment practices, or reduced their volume before directing them to wastewater treatment plants. The BEST Project communications campaign highlights the impressive solutions created by Finnish companies.

Learn more and find examples of good industrial sewage treatment practices in social media with the tag #BEST_BalticSea

bestbalticproject.eu

How to stop harmful substances getting into the sewer when treating metal surfaces?

Solution example!



BEST +

BEST project improves the treatment of industrial wastewaters



THE BEST PROJECT improves the efficiency of industrial wastewater treatment throughout the Baltic Sea area. In this way, the load of harmful substances that ends up in the Baltic Sea can be reduced.

Improvements will be achieved by identifying and deploying good practices in industrial wastewater regulation and pre-treatment, developing the cooperation between industries, authorities, and water utilities, and by making concrete investments at treatment plants.

BEST, launched in 2017 and implemented by 16 project partners, is a flagship project of the EU's Baltic Sea Strategy. The project is led by the City of Helsinki, it is mainly funded by the EU's Baltic Sea region Interreg programme, and its total budget is approximately €3.6 million.

The Foundation's role in the project is to draw up treatment recommendations for industrial wastewaters, and support their application throughout the Baltic Sea area. Moreover, the Foundation coordinates and supports local partners who develop practices that aim at improving industrial wastewater treatment. In its operations, the Foundation utilizes its vast experience of joint projects with various stakeholders.

In 2019, the project compiled a report on the current status and problem areas of treating industrial wastewaters together with domestic wastewaters. Currently, the project is working on recommendations that highlight the development needs of and proposed solutions for legislation, the pre-treatment of industrial wastewaters, and cooperation. When the project is concluded in 2020, a communications campaign will be set up with various industrial stakeholders sharing their best wastewater treatment practices.

Lviv +

biogas project

Lviv biogas project seeks to prevent nutrient discharges from a biogas plant to the Baltic Sea



THE LVIV BIOGAS PROJECT was launched by the Foundation in 2015. The project is implemented in cooperation with the city and the water utility of Lviv, and the funders of the biogas plant in Lviv, i.e. the Nordic Environment Finance Corporation NEFCO, the European Bank for Reconstruction and Development EBRD, and some other European funders.

The project will build improved phosphorus removal for the wastewaters treated in the biogas plant that will be completed in Lviv, Ukraine, in the near future. The objective is to ensure that phosphorus from the biogas plant, which is located in the Baltic Sea catchment area, does not end up in the Poltva River, from which it would end up in the Baltic Sea and cause eutrophication. With efficient phosphorus removal, we can prevent an annual phosphorus discharge of 170 tonnes to the waterways.

The construction of the biogas plant has been delayed. Once construction is underway, the Foundation will begin planning the technical and commercial documentation needed for phosphorus removal investments.

johnnurmisenfaat.io/en/projects/biogas-project-in-lviv

johnnurmisenfaat.io/en/projects/best-project

Fertilizer Shipping ⁺

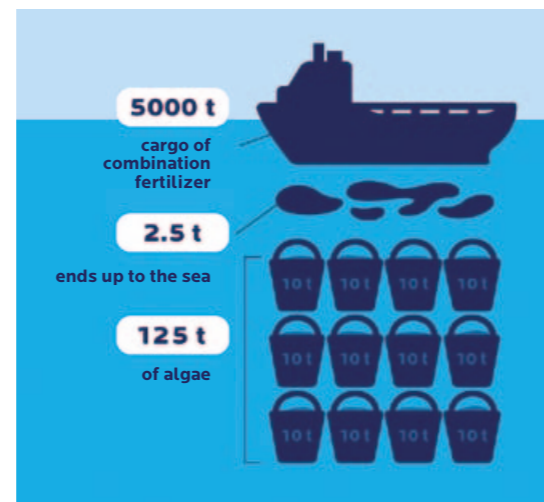
Reducing nutrient load
from marine transportation of fertilizers

DISCHARGES FROM INDUSTRY

A COUPLE OF YEARS AGO a new, possibly very significant source of nutrient discharges was identified in Baltic Sea protection: the marine transportation of fertilizers. The risk of nutrient discharges is linked to the loading and unloading of fertilizers at harbour, and cleaning the holds of ships that carry fertilizers in the open sea. Problems related to fertilizer loading include airborne fertilizer particles, fertilizer ending up in the sea either during the loading phase or with the harbour's runoff waters, and other practices where dust particles from fertilizers are airborne to the environment. International agreements allow ships to discharge cargo hold cleaning water that contains fertilizers within 12 nautical miles of the shore, as the water does not contain any harmful substances.

As the scale of this nutrient source and its significance in terms of Baltic Sea eutrophication can at worst be very large, the Foundation decided to launch a new Fertilizer Shipping project at the end of 2019. The first phase of the project will survey the best techniques and practices to load fertilizers at harbour and to clean cargo holds, and also investigate the true extent of the problem at the largest fertilizer ports of the Baltic Sea. The next phase will promote measures that reduce discharges throughout the Baltic Sea area, working together with stakeholders such as harbours, harbour operators, fertilizer manufacturers, and cities.

johnnurmisenfaat.io.fi/en/projects/fertilizer-shipping-project



A fictitious example clarifying the scope of the project. The cargo of a freight vessel consists of 5,000 tonnes of fertilizer. This cargo of combination fertilizer contains 5% of phosphorus. The spoilage accepted by transportation contracts and created mostly in the various phases of loading the cargo is 0.5%. This calculation assumes that the spillage would be no more than one tenth of the accepted level. This would mean that 2.5 tonnes of fertilizer, containing 125 kg of phosphorus, end up in the sea. Once in the sea, this is enough phosphorus to generate 125 tonnes of algae.

ILLUSTRATION: ANNE HAAPANEN.

Sustainable ⁺ Biogas

To reduce nutrient discharges
from biogas production

DISCHARGES FROM INDUSTRY



MARJUKKA PORNARI

IN 2017 the Foundation funded a pre-study, covering the entire Baltic Sea, on the risks of discharges from biogas production to the Baltic Sea. According to the study, which was completed in 2018, in many of the Baltic countries biogas production generates nutrient discharges that end up in waterways and the Baltic Sea.

In 2019 the Foundation, joined with a project consortium consisting of various organisations, applied for funding for the new **Sustainable Biogas project** (Sustainable Nutrient Management in Biogas Production) from the EU Interreg Central Baltic programme; the project seeks to reduce nutrient discharges from biogas production, both from plants and from digestate use in Finland, Latvia, and Åland. A positive funding decision was received in January 2020, and the project was launched later in the spring.

johnnurmisenfaat.io.fi/en/projects/biogas-production-risk-assessment



Picking up plastic trash and Baltic Sea education

In the summer of 2019, the John Nurminen Foundation, the Finnish Nature League, and hundreds of active volunteers grabbed a trash picker and joined the #muovitonmeri (plastic-free sea) campaign. During the summer, we cleaned up the shores in e.g. Helsinki, Tampere, Turku, and the Bengtsår camp island.

At the events, environmental education played a key role: at the John Nurminen Foundation and Nature League checkpoint, we shared information on the most common types of trash found on the shores of the Baltic, and gave tips on how to protect the Baltic Sea. Children learned more about seas and how to protect them through a game of trash fishing and colouring in pictures.

Our cooperation with the Nature League continued in the autumn, when the educational materials we had created together became part of the Baltic Sea curriculum for middle schools. During lessons, students dive into the depths of the Baltic Sea, get to know the most important species, learn more about the Baltic Sea's eutrophication problem, and consider what kinds of protective actions each and every one of us could take to help the Baltic Sea.

Teachers can book a free Baltic Sea ambassador to visit their school from the Nature League. Cooperation with the Nature League will continue in 2020, both within the #muovitonmeri campaign, and through schools' Baltic Sea lessons.

THE JOHN NURMINEN FOUNDATION'S PARTNERS, 2019–2020



We thank everyone
who has made a
donation to us,
or contributed with
pro bono work and
services – with your
help, our work will
continue!



Aiven Oy, Algol Oy, Ali and Tujan Nylund Foundation, Arvid Nordquist Finland, Atostek, Aurora Infrastructure, Arkkitehtitoimisto Virkkunen & Co Oy, Aventum Partners Ltd, Awake.AI, Balance-Team Oy, Baltic Yachts Oy, BE WTR, Boehringer Ingelheim Finland, desico Oy, Coverhall Oy, Docendo Oy, Emmaus Helsinki, Esbo Marthaförening, Econet Ltd, EmCe Palkkapalvelut Oy, Evli Bank Plc, FACT Law, Fenix Outdoor Finland, Fleet Innovation Oy, Flow Festival Ltd., Freska Finland, Golden Oriol, Haaga-Helia University of Applied Sciences, Helsinki International Horse Show, Helsinki Festival, Henley Alumni, Hotel Rantapuisto, Howden Finland Oy, Hämeenlinnan Tradenomiopiskelijät, Imerys Minerals Oy, JoyActor, City of Järvenpää, Kaakon Viestintä Oy, K-Citymarket, Kids Company Oy, Kiilto Oy, KTC Finland, Amos Law Office, Lapetek Group Oy, Lataamo Group Oy, Lions Club, Live Nation Finland, Loimu, Makia Clothing, MCF Corporate Finance Oy, Metroauto Group Oy, Oy Moccamaster Nordic, Nor-Maali Oy, Ocean Ladies, Osmia Oy, Housing Fair Finland, Orkla Confectionery & Snacks Finland Ab, Rauman Energia, Rejlers Finland Oy, PLC Uutechnic Group, St. Henrik's Pharmacy, Qentinel Finland Oy, Rightware Oy, Ritvanen Partners, Roihu Attorneys Ltd., Roschier, RunFest, Rödl & Partner Attorneys at Law, Saaren Taika, Salesforce, Sinituote Oy, Skipperi, Sound of Sea, Stena Recycling Oy, Finnish Divers' Association, Finnish Swimming Teaching and Lifesaving Federation, Suomenlinnan matkailuexpert Oy, Suomen Palautuspakkaus Oy, Finnish Plastics Recycling Ltd., Superson Oy, T-Media Oy, Tallink Silja Oy, Finnish Workers' Compensation Center, Technology Industries of Finland, Ticketmaster Finland, Trevian Asset Management Oy, Tuoriniemi Dream Oy, Tönne von Christiersons Legat, Vakka-Suomen Voima Oy, VESI Bottle, Voiveljet, Wennstrom Fuel Systems Oy, Whitelake Software, Xtra Stærk Ocean Racing Society

FUNDRAISING MAKES THE FOUNDATION'S OPERATIONS POSSIBLE

THE FOUNDATION finances its operations with donations, grants, public funding, and income from leasing and investment operations. Income is also obtained from sales of books and merchandise, and, for example, ticket sales to events. We raise funds from corporations and private individuals, and apply for grants from Funds and Foundations. In addition to donations, we receive public funding (e.g. from the EU and the Ministry of the Environment) and income from our leasing and investment operations.

We raise funds to finance the entire operations of the Foundation, and use the donations on tangible measures that save the Baltic Sea, on operations and projects that safeguard our valuable marine culture heritage, and on environmental education, societal impact, and the creation of marine cultural content. In 2019, the donations received by the Foundation for all its operations grew significantly. With the donations, the Foundation can ensure the continuity of its activities.

In 2019, fundraising operations resulted in donations of €1,743,142 to the Clean Baltic Sea projects, of which €602,411 were general donations, and €175,000 given to marine culture. The River Vantaa Gypsum project received donations and grants totalling at €290,722. More detailed information on how the Foundation's operations are financed is available on page 50 of this Annual Report, and in the Financial Statement.

During 2019, the Foundation worked with Moomin Characters to prepare for our major international campaign, #OURSEA. The campaign, which is set to continue until the end of July 2021, was announced together with Moomin Characters at Suomi Areena, Pori, in July 2019, and launched at the Helsinki Boat Show in February 2020. The goal of the campaign is to increase awareness of the status of the Baltic Sea, and to raise funds for the work that saves the sea and its heritage. The campaign's goal is to raise one million euros.

The Foundation participates in joint campaigns and networks which make the Foundation better known, and also open up new partnerships. For companies, protecting the Baltic Sea and its heritage is today's way of doing environmental work and implementing corporate responsibility. By supporting the John Nurminen Foundation, companies join us in our tangible and impactful work to protect the Baltic Sea, have an impact on society, and make sure that the stories of the sea are passed on to future generations.

Support from companies and private individuals is key in enabling the Foundation to implement tangible measures that bring results in Baltic Sea protection, and safeguard our cultural heritage. The Foundation carries out fundraising campaigns that target the public at large all through the year.

Find out more about the many ways in which we can cooperate on our website, and get in touch!

CORPORATE COOPERATION IN 2019

MANY CORPORATE DONORS continued to support the Foundation, and also new supporters joined the effort. Compared to earlier years, we received more proposals for marketing and product sales cooperation. The Foundation's main supporters in 2019 were Supercell, Sanoma, Orion, Yara, Kotimaan Energia, Fortum, and the Sophie von Julin Foundation. The Foundation's key supporters included the August Ludvig Hartwall Foundation, the Greta Maria Lindblom foundation, Oy Julius Tallberg Ab, Partioaitta, Metso, Oriola, Cubus, Posti, Ramboll, Makia, Clarion Helsinki, Nanso, Golden Oriol, Roschier Attorneys Ltd., Nord Stream 2, IF Insurance, Langh Ships, and Metropolia.

We completed prominent marketing, product sales, and event collaborations with e.g. IF Insurance (summer campaign), Lidl Finland (launch of reusable shopping bags), Duratin, Gerberit (recycling campaign), Gulddivan (festive jewellery), Sinituote (special product line), Flow Festival, the Helsinki Horse Show, and the Helsinki Festival. Via its partners, the Foundation was highly visible on various fora, for example in HVAC publications (through Gerberit), in the country's most important medical events (through e.g. Orion), and in major marine events (through Durat). Funds for the Foundation were raised for example at the Baltic Sea Philharmonic celebratory concert at the Helsinki Music Centre, the Finnish Swimming Teaching and Lifesaving Federation's corporate swimming event at Helsinki Swimming Stadium, the RunFest running event,




PARTIOAITTA

“FOR EACH PURCHASE by a Partioaitta 365 club member, 1% is directed to the Environmental Bonus. Concern for the Baltic Sea is great, which is why our well-informed club members voted the John Nurminen Foundation to be one of the donation recipients. We and our customers believe in the methods of the John Nurminen Foundation, and want to help their work.”

– Nina Ehrnrooth, CEO, Partioaitta

and at Haaga-Helia's and Henley Business School's festive galas. The largest marketing and product sales collaborations brought in more than €200,000 in profit, greatly increased the Foundation's visibility, and were well received by our partners. For the second time running, the Foundation was chosen by public vote to be the recipient of Partioaitta's environmental bonus.

”



“PROTECTING THE WATERWAYS is important for us, as clean irrigation water and waterways with plenty of fish are the cornerstones of our food chain. The sea we live by is also immeasurably valuable as a place for recreation. We support the protection of waterways with ambitious corporate responsibility objectives applied to our fish offering, and through our cooperation with reliable stakeholders such as the John Nurminen Foundation.”

– Maija Järvinen, Sustainability Manager, Lidl

WEISELL SÄÄTIÖ

“THE BALTIC SEA is the windpipe of the Finnish economy, and we have to take good care of it for it to serve us well also in the future. The John Nurminen Foundation has excelled in saving the Baltic Sea in tangible ways and storing its cultural heritage; both areas are important to the Weisell Foundation.”

– Mikko Voipio, Chairman,
Weisell Foundation



KOTIMAAN ENERGIA

KOTIMAAN ENERGIA donates €5 per year for each Green Choice and Solar Energy contract to the John Nurminen Foundation's Baltic Sea protection projects. Green Choice electricity comprises of solar and wind power, and Norwegian hydropower with a Guarantee of Origin. The origin of the hydropower can be traced all the way up to the plant, ensuring that the hydropower is generated in a plant that is friendly to migratory fish.

“I HAVE BEEN a Kotimaan Energia customer for a few years. In 2018, the Vihreä valinta (green choice) service was added to the contract, providing hydro, wind, and solar power. Such methods of producing electricity support my environmental values, and I want to do my share as a consumer and make a difference with my choices as we combat climate change. Support to the John Nurminen Foundation's work for the Baltic Sea was also an important factor in my decision to continue with my contract.”

– Leena, Kotimaan Energia customer

“IT IS WONDERFUL to see a company that does its share for the environment, and even considers the habitats of migratory fish. Utilizing non-fossil sources of energy seems to be the company's ethical principle. This is something I value greatly!”

– Olavi, Kotimaan Energia customer



#OURSEA

John Nurminen Foundation's long-term partners **Sanoma**, **Supercell** and **Orion** participate in the #OURSEA campaign.

The purpose of the joint campaign by **Moomin Characters**, the company responsible for Moomin copyright supervision, and the John Nurminen Foundation is to increase awareness of the status of the Baltic Sea, and raise funds for the John Nurminen Foundation's work to protect the sea and its heritage.

“WE ARE VERY HAPPY to join this ambitious campaign, which seeks to achieve concrete improvements in the status of the sea, and bring great visibility to the cause of the Baltic Sea. In addition to donations and contributions from merchandise sales, campaign participants will disseminate information on the status of the Baltic Sea, and on the ways to protect it.”

– Ilkka Paananen, CEO, Supercell

“THE WELL-BEING of the Baltic Sea and the environment are values that we at Orion hold dear. The #OURSEA campaign brings this important cause to the awareness of even more citizens in all of the Baltic Sea's coastal states. When we join forces, the Baltic Sea can still be saved.”

– Timo Lappalainen, CEO, Orion

“ONE OF SANOMA'S key values is to activate and inspire people to discuss matters that are important to them. We have cooperated with the John Nurminen Foundation for quite some time now, and are delighted to join the #OURSEA campaign. The wellbeing of the Baltic Sea and our unique archipelago are things which we should be looking after together. The Baltic Sea belongs to us all, and for our part, we want to do our share in saving it.”

– Susan Duinhoven, President and CEO,
Sanoma

”

FINANCING THE FOUNDATION'S OPERATIONS IN 2019

THE INCOME from and expenses of the Foundation's ordinary operations are included in the income statement, in the section Marine Culture and Clean Baltic Sea projects (see page 58). In 2019, deficit for marine culture was -€101,401 (-€45,474 in 2018). Income surplus for the Clean Baltic Sea projects totalled €485,885 (€1,166,192 in 2018). In the Foundation's income statement, surplus after fund transfers in 2019 was €534,291 (€104,507 in 2018).

Fundraising operations resulted in donations of €1,743,142 to the Clean Baltic Sea projects, €602,411 as general donations, and €175,000 to marine culture. The River Vantaa gypsum treatment project received donations and grants totalling at €290,722. Sanoma Corporation made a donation of media space, worth a total of €150,000. In 2019, fundraising expenses were €539,929 (€431,991 in 2018). Expenses include e.g. media space expenses, salaries, and the expenses of fundraising campaigns and digital fundraising platform development (e.g. CRM system commissioning expenses). Moreover, the Foundation has increased the possibilities to make monthly donations. After allocation to operations and expenses, the result from fundraising was €62,481 (-€296,986 in 2018).

At the end of the 2019 accounting period, the balance sheet of the Foundation showed a balance of €12,468,444 (€10,471,616 in 2018). Equity totalled €12,175,246 (€10,180,202 in 2018).

Financing and expenses of the Foundation's Marine Culture operations

Our marine culture operations are financed with profits from book sales, merchandise sales, grants, donations, and profits from the Foundation's capital portfolio.

Income from the Foundation's book sales was €113,728 in 2019 (€118,100 in 2018). Donations of €175,000 to marine culture (€170,000 in 2018) include the €125,000 donation made by Ferring. Of the €450,000 donation from Supercell, €50,000 was directed to marine culture, in line with the donor's wishes.

Marine culture expenses were €395,332 (€404,657 in 2018). The expenses of cultural operations consist mostly of publishing expenses at €177,380 (€178,769 in 2018), expenses of the Loki project at €43,444 (€56,198 in 2018), and general expenses at €78,565 (€110,225 in 2018). Publishing expenses include e.g. marketing and storage expenses, and the production expenses of new books. Production expenses consist of e.g. fees for image rights, payments to authors, and printing expenses.

In the Balance Sheet, the value of the Foundation's collections was €725,007, i.e. the same as in 2018.

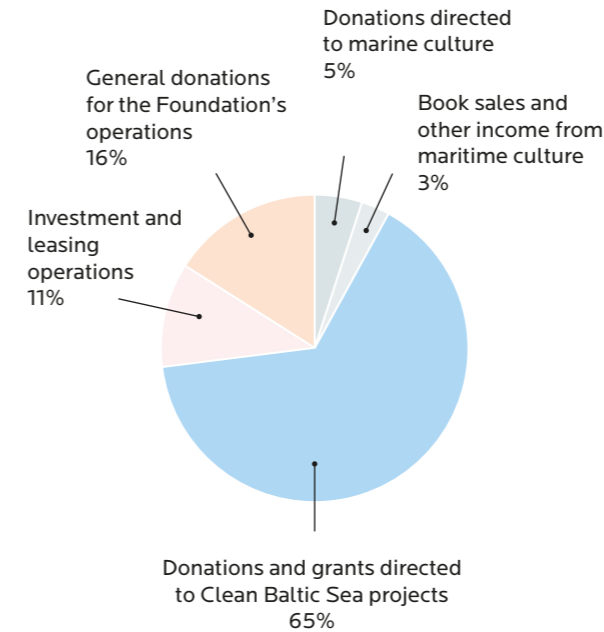


FIGURE 1. INCOME OF THE JOHN NURMINEN FOUNDATION IN 2019.

The Foundation finances its operations with donations, grants, public funding, and income from leasing and investment operations. Income is also obtained from sales of books and merchandise, and, for example, ticket sales to events. In 2019, the majority of donations were again made to Baltic Sea protection, but the Foundation also received considerably more support for all its operations in the form of general donations. With general donations, the Foundation can ensure the continuity of its operations, including the creation of marine cultural content.

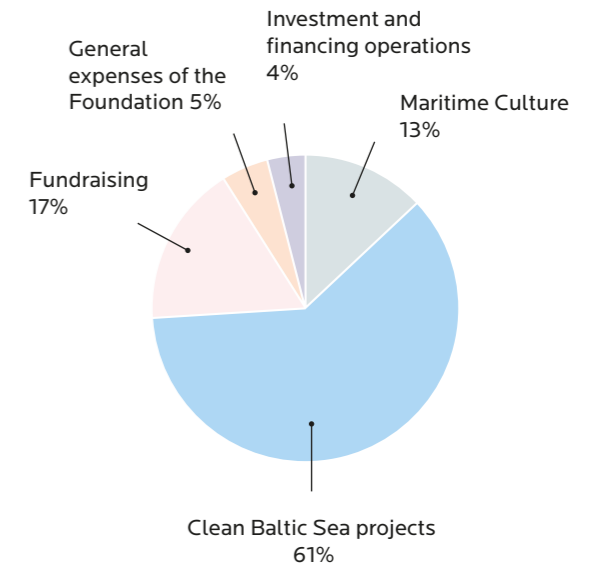


FIGURE 2. JOHN NURMINEN FOUNDATION EXPENSES IN 2019.

The figure shows how the expenses of the John Nurminen Foundation are split. The expenses for Marine Culture are mostly accrued in publishing operations, and the majority of the Foundation's activities consist of Baltic Sea protection. In 2019, approximately 72% of donated funds were directed to the projects and ordinary operations of the John Nurminen Foundation, while approximately 28% was used for fundraising and administration. In 2019, the expenses of the Clean Baltic Sea projects were €1,910,500 (€1,302,962 in 2018). Project expenses include salaries of the Foundation's own experts and communications staff, travel expenses, expert services, and project investments. The Clean Sea fund was used to cover all of the Foundation's direct fundraising expenses of €539,929 (€431,992 in 2018). N.B.: the expenses of the Foundation's investment and leasing operations are covered with income from investments, not by donations. Some of the Foundation's projects are EU-funded, or otherwise publicly funded.

Financing and expenses of the Clean Baltic Sea projects

Donations targeting Baltic Sea protection are directed to the Clean Sea II fund. In the Foundation's capital and reserves, the Fund is dealt with as a separate dedicated fund, the capital of which can only be used for a purpose that is in line with the Fund's bylaws. On 31 December 2019 the Fund's capital was €3,559,082 (€3,521,537 in 2018). Surplus for the accounting period from the Clean Baltic Sea projects totalled at €485,885 (€1,166,192 in 2018). €37,509 was transferred to the Fund (€785,795 in 2018).

Total income of the Foundation's Clean Baltic Sea projects totalled at €2,396,385 (€2,469,154 in 2018). In 2019, the Foundation received public funding in the amount of €653,243 (€504,566 in 2018), consisting of funding allotments from the EU, and support to the River Vantaa Gypsum project granted by the Ministry of the Environment.

Asset management of the Foundation

The Foundation's assets are managed with planned profitability. The Foundation does not engage in active trading for short-term profit in the financial markets. The Foundation's Board of Directors monitors investment yields regularly in its meetings. The objective has been to diversify the Foundation's assets in low-risk investments. The Foundation's investment portfolio asset management was taken care of by eQ. During the accounting period, the market value of the Foundation's investment portfolio developed favourably, and the result of investment operations in 2019 surpassed expectations. After expenses, the yield of the Foundation's equity portfolio was €220,042 (€143,026 in 2018). The Foundation recognises investment securities in their current value.

In 2019 (31 December 2019), the value of the Foundation's investments was €10,064,142 (€7,920,858 in 2018). The Foundation's investment assets consist of shares in Huolintatalo in Länsi-Pasila, and the

asset portfolio in the care of the asset manager. Since December 2017, the Foundation's assets have been managed within one investment portfolio. Interest from the portfolio's realised profits is paid to the capital of the Clean Sea Fund in the amount of €91,553 (€51,594 in 2018).

Facility leasing

The John Nurminen Foundation owns approximately 11 per cent of the Huolintatalo building in Länsi-Pasila (approx. 892 m²), which is also home to the Foundation's premises and collections. Facilities not used by the Foundation have been leased out. The Foundation has two-storey offices in Huolintatalo, of which the upper floor (120 m²) is owned by Juha Nurminen, and the premises of the lower floor (112.4 m²) are owned by the Foundation. All of the Foundation's premises were leased out in 2019. Rental income totalled at €159,525 (€160,649 in 2018), and the result of the Foundation's leasing operations in 2019 was €68,510 (€66,253 in 2018).

General expenses of the John Nurminen Foundation

General expenses of the Foundation were, in total, €163,717 (€142,708 in 2018), consisting of personnel expenses in the amount of €113,084 (€89,596 in 2018), and other expenses amounting to €50,633 (€53,112 in 2018). Fees and expenses of the Board and management, and a share of communications expenses, for example, are booked as general expenses.

Related parties

The Foundation has not given its related parties any monetary loans or grants. All business transactions involving related parties are conducted at current market value and in line with what is in the Foundation's interest. Related party activities have been documented in contracts. Related party activities

are included in the profit and loss statement, page 58 of the Annual Report.

The Foundation's premises are located in a space spanning two stories in Huolintatalo, Länsi-Pasila, with the upper floor rented from Juha Nurminen. The Foundation is the lessor of John Nurminen Oy, which rents one room on the first floor of Huolintatalo. The Foundation paid Juha Nurminen €27,237 in rent for the premises (€26,949 in 2018). The Foundation paid service charges in the amount of €150,221 (€122,950 in 2018) to a real estate company owned jointly with related parties; a considerable share of the Foundation's collections is on display at the shared premises of this company. Some of the premises owned by the Foundation are in the Foundation's use, while most of them are rented out. The Foundation's mail and delivery services, €7,131 in 2019 (€6,829 in 2018), have been partly outsourced to JN Uljas Oy. Moreover, Uljas was paid €6,355 as rent for parking spaces and an office in the first floor of Huolintatalo.

Fees of management and the Board of Directors

In 2019, the Secretary General and the members of the Board of Directors of the Foundation received salaries and fees in the amount of €151,021 (€151,385 in 2018). All Board members did not accept fees for their work in the Board. The Chairman and Vice-Chairman of the Foundation's Board of Directors have compared the board membership and meeting fees of foundations, associations and companies, and come to the conclusion that the board membership fees are of average level.

Operational risks and uncertainties

The operations of the Foundation are, in the long run, dependent on a good result from investment operations. Using capital to fund basic operations should be avoided. Even though the Foundation was successful in its fundraising in 2019, and, in light of current partnerships, the financing of the

Foundation's operations for the next two years is sufficient, it is important that the Foundation aims to secure a sufficiently extensive and permanent donor base also for the longer run.

The Foundation focuses on measurable projects with a distinct impact, and the goal-oriented, result-seeking nature of its operations helps it stand out amongst other stakeholders. The Foundation's reputation and public image are good, but it is not that well known amongst the general public, which presents a challenge to fundraising in particular. In order to increase awareness of the Foundation, it will continue to focus on operations that are as efficient as possible, and to communicate its activities in a highly visible manner. The Foundation explains openly and transparently how donated funds are used, using media and its own as well as its partners' channels. The hands-on nature of the Foundation is emphasised also in the future as a feature that sets the Foundation apart from other foundations, who may focus on communications or the giving out of grants.

The Foundation's publications safeguard our maritime cultural heritage, which sets them apart from other commercial books on offer. This is why the Foundation's publishing programme has felt the brunt of declining book sales with a delay. The ageing of our target group and the transformation to digital and online content are evident also amongst the consumers of marine culture. For this reason, the Foundation has expanded the way it presents topics and phenomena from books to various new methods of content distribution. In order to ensure long-term funding for cultural operations, a steady annual yield is expected from investments, and new donors are needed.

The John Nurminen Foundation and the Finnish Museums Association have both invested €50,000 in Yhteinen perintö Oy, which was established in January 2020. A challenge for 2020 is to use this seed capital to create a sustainable basis for the company's business operations.



ILKKA VUORINEN

Board in 2020 (from left):

Marja-Leena Rinkineva, LL.M., M.Soc.Sc., eMBA;
 Hannu Syrjänen, M.Sc. (econ), (vice chair);
 Kaisa Olkkonen, LL.M.;
 Jukka Anteroine, Dr. Mil. Sc., Commodore;
 Juha Nurminen, M.Sc. (econ),
 maritime counsellor (chair);
 Tommi Juusela, Master of Laws, LL.M.
 (Columbia University);
 Eeva Ahdekivi, DBA;
 Markku Ollikainen, professor, and
 Juho Lipsanen, M.Sc. (econ.)

Administration and organisation of the Foundation

The Foundation's operations are led by the Secretary General, and the Board of Directors is the body responsible for these operations. The Board of Directors accepts the objectives and budgets of the projects. Moreover, the Board regularly monitors project progress, and the financial status of the Foundation.

Two new members were appointed to the Foundation's Board in 2019: **Jukka Anteroine** became a new member in the beginning of the year, and **Tommi Juusela** was selected to the Board in November 2019. **Pelle Persson** left his position in the Board at the end of 2019. The Board of Directors convened six times in 2019.

ORGANISATION OF THE JOHN NURMINEN FOUNDATION 2020

BOARD

Eeva Ahdekivi, Jukka Anteroine, Tommi Juusela, Juho Lipsanen,
 Juha Nurminen (chair), Kaisa Olkkonen, Markku Ollikainen,
 Marja-Leena Rinkineva, Hannu Syrjänen (vice chair)

MANAGEMENT

Annamari Arrakoski-Engardt,
 Managing Director

COMMUNICATIONS

Tuula Putkinen,
 Communications Director
 Jenni Blomqvist,
 Communications Coordinator
 Kirsi Kurki-Miettinen,
 Communications Officer
 Oona Piironen,
 Communications Officer

FUNDRAISING

Erkki Salo,
 Fundraising Director
 Ari Rytönen,
 Corporate Fundraiser
 Mert Sola,
 Fundraising Coordinator

ADMINISTRATION

Annamari Arrakoski-Engardt,
 Director (pro tem)
 Anni Kujala,
 Coordinator,
 Administration and
 Service Development

MARITIME CULTURE

Annamari Arrakoski-Engardt,
 Director (pro tem)
 Maria Erkheikki,
 Manager, Publications and Collections
 Anne Mäkijärvi,
 Marketing Manager

CLEAN BALTIC SEA PROJECTS

Marjukka Porvari, Project Director
 Peteris Gailitis, Project Manager,
 BEST Project (Poland and Latvia)
 Elena Kaskelainen, Project Manager
 Miina Mäki, Project Manager
 Mikko Peltonen, Project Manager
 Eeva Puustjärvi, Project Manager
 Anna Saarentaus, Project Manager
 Maija Salmiovirta, Project Manager

In order to promote cooperation and disseminate information, the Foundation's **Clean Baltic Sea Advisory Group** engages in discussions on environmental protection, climate change, and Baltic Sea protection.
 Members in 2020: **Johanna Buchert** (Natural Resources Institute Finland), **Ilkka Herlin** (BSAG), **Lea Kauppi** (Finnish Environment Institute), **Esa Nikunen** (City of Helsinki Environment Centre), **Anja Nysten** (NEFCO), **Liisa Pietola** (Central Union of Agricultural Producers and Forest Owners), **Helena Tuuri** (Ministry for Foreign Affairs), **Liisa Rohweder** (WWF), and **Rüdiger Strempe** (HELCOM).
 The chair of the Advisory Group is **Kaisa Olkkonen**, member of the John Nurminen Foundation's Board of Directors. Other Foundation representatives were **Annamari Arrakoski-Engardt**, Managing Director, and **Juha Nurminen**, Chairman of the Board.



THE JOHN NURMINEN FOUNDATION'S FINANCIAL STATEMENT 2019

John Nurminen Foundation, Business ID 0895353-5 Helsinki

PROFIT AND LOSS STATEMENT

Ordinary operations	2019	2018
MARITIME CULTURE		
<i>Income</i>		
Book sales	113,728.23	118,100.39
Donations directed to marine culture	175,000.00	170,000.00
Grants received	0.00	55,000.00
Income from collections	1,550.29	7,696.06
Other income	3,651.76	8,386.73
Total income	293,930.28	359,183.18
<i>Expenses</i>		
Personnel expenses	-141,349.62	-183,719.25
Depreciation	-1,642.08	-5,755.42
Other expenses	-257,677.58	-192,223.35
Change in stocks	5,337.36	-22,959.35
Expenses, total	-395,331.92	-404,657.37
Marine culture, total	-101,401.64	-45,474.19
CLEAN BALTIC SEA PROJECTS		
<i>Income</i>		
Donations directed to projects	1,743,142.33	1,964,587.64
Grants received	653,242.93	504,565.98
Investments	0.00	0.00
Total income	2,396,385.26	2,469,153.62
<i>Expenses</i>		
Personnel expenses	-638,430.21	-465,966.53
Depreciation	-233.88	-1,417.25
Investments	0.00	0.00
Other expenses	-1,271,836.01	-835,577.99
Expenses, total	-1,910,500.10	-1,302,961.77
Clean Baltic Sea projects, total	485,885.16	1,166,191.85

	2019	2018
GENERAL EXPENSES		
<i>Expenses</i>		
Personnel expenses	-113,084.12	-89,595.68
Other expenses	-50,633.13	-53,112.13
	-163,717.25	-142,707.81
General expenses, total	-163,717.25	-142,707.81
Income/deficit from ordinary operations	220,766.27	978,009.85
FUNDRAISING		
<i>Income</i>		
Donations received	2,520,553.04	2,269,593.13
Targeted donations	-1,918,142.33	-2,134,587.64
Total income	602,410.71	135,005.49
<i>Expenses</i>		
Personnel expenses	-202,040.40	-172,134.85
Other expenses	-337,888.90	-259,856.89
Expenses, total	-539,929.30	-431,991.74
Fundraising, total	62,481.41	-296,986.25

	2019	2018
INVESTMENT AND FINANCING OPERATIONS		
Investments		
<i>Income</i>		
Dividend income	114,074.12	113,687.35
Income from fund shares	9,903.66	0.00
Profit from sales	112,996.48	38,602.71
Total income	236,974.26	152,290.06
<i>Expenses</i>		
Other expenses	-16,931.86	-9,264.32
Expenses, total	-16,931.86	-9,264.32
Investments, total	220,042.40	143,025.74
Facility leasing		
Rental income	159,525.35	160,648.77
Service charges	-91,015.40	-89,762.92
Other facility leasing expenses	0.00	-4,633.33
	68,509.95	66,252.52
Facility leasing, total	68,509.95	66,252.52
Investment and financing operations, total	288,552.35	209,278.26
Income before appropriations and taxes	571,800.03	890,301.86
Fund transfers	-37,508.96	-785,794.53
Surplus (deficit) for the accounting period	534,291.07	104,507.33

BALANCE SHEET

Assets	2019	2018
NON-CURRENT ASSETS		
Tangible assets		
Machinery and equipment	5,628.04	7,504.00
Other tangible assets		
Works of art	218,893.91	218,893.91
Maps, books and items	506,112.69	506,112.69
Other tangible assets, total	725,006.60	725,006.60
Tangible assets, total	730,634.64	732,510.60
Investments	10,064,142.43	7,920,858.37
NON-CURRENT ASSETS, TOTAL	10,794,777.07	8,653,368.97
CURRENT ASSETS		
Inventories		
Unfinished books	15,440.12	17,005.00
Books	132,599.21	125,696.97
	148,039.33	142,701.97
Debtors		
Short-term		
Sales receivables	131,202.88	132,738.92
Other debtors	707,935.19	265,521.33
Prepayments and accrued income	411,398.83	471,220.38
	1,250,536.90	869,480.63
Cash in hand and at banks	275,090.68	806,064.18
CURRENT ASSETS, TOTAL	1,673,666.91	1,818,246.78
Assets, total	12,468,443.98	10,471,615.75

BALANCE SHEET

Liabilities	2019	2018
EQUITY/CAPITAL AND RESERVES		
Basic capital	142,168.69	142,168.69
Current Value Fund	1,102,387.06	-320,857.22
Clean Sea Fund II	3,559,081.55	3,521,572.59
	4,803,637.30	3,342,884.06
Retained surplus (deficit) from previous financial periods	6,837,318.11	6,732,810.78
Surplus (deficit) for the accounting period	534,291.07	104,507.33
	7,371,609.18	6,837,318.11
CAPITAL AND RESERVES, TOTAL	12,175,246.48	10,180,202.17
CREDITORS		
Short-term		
Advances received	65,490.16	42,750.00
Trade creditors	31,869.46	101,536.00
Other creditorst	27,303.26	34,288.17
Accruals and deferred income	168,534.62	112,839.41
Short-term, total	293,197.50	291,413.58
CREDITORS, TOTAL	293,197.50	291,413.58
Liabilities, total	12,468,443.98	10,471,615.75

APPENDICES

ACCOUNTING PRINCIPLES

This Financial Statement has been prepared in adherence to the Government Decree for small undertakings.

PRINCIPLES OF RECOGNITION AND MEASUREMENT

Valuation of tangible assets

No depreciations have been made for the other tangible assets related to the Foundation's ordinary operations. The item other tangible assets includes works of art, maps, books, and artefacts.

Office machines and equipment are shown in the balance sheet at cost less planned depreciation. The planned depreciation method was reducing balance depreciation at 25%.

Valuation of current assets

Current assets have been valued at purchase cost or a lower probable sales price.

Recognition of investment

Investment has been recognised at current value in line with Section 5, Chapter 2a of the Accounting Act. The Foundation does not engage in active trading for short-term profit in the financial markets. This is why the change in current value has been booked to the Current Value Fund, included in capital and reserves.

Assets recognised at current value include the Foundation's investments in funds and shares, with the exception of housing company shares.

Expense allocation principles

Function-specific expenses and a share of common expenses are allocated to functions. When calculating a function's share of common expenses, the matching principle is adhered to as closely as possible.

Donations and fundraising

Received donations, wills and raised funds are mainly recognised on accrual basis when their delivery is final from the perspective of the Foundation. Assets are recognised in adherence to the prudence principle.

NOTES TO THE INCOME STATEMENT

Notes on personnel	2019	2018
Approximate number of employees (excluding fee recipients)	17	13
Salaries	881,112.21	707,045.28
Fees	46,622.58	63,231.39
Pension expenses	152,588.95	127,767.79
Other personnel expenses	14,580.61	13,371.85
	1,094,904.35	911,416.31

The Foundation's business activities

The Foundation's book sales are taxable business activities.

<i>Income</i>		
Book sales	113,728.23	118,100.39
Received donations	50,000.00	0.00
Royalties	1,512.24	3,130.59
Total income	165,240.47	121,230.98
<i>Expenses</i>		
Personnel expenses	-42,159.07	-68,173.99
Book production expenses	-90,802.50	-52,139.23
Marketing and distribution expenses	-49,732.57	-35,121.54
Change in stocks	5,313.95	-23,334.23
Expenses, total	-177,380.19	-178,768.99
Result from business activities	-12,139.72	-57,538.01

Investment and financing operations

Investments	2019	2018
<i>Income</i>		
Dividend income	114,074.12	113,687.35
Income from fund shares	9,903.66	0.00
Profit from sales	112,996.48	38,602.71
Total income	236,974.26	152,290.06
<i>Expenses</i>		
Sales loss	-16,931.86	-9,264.32
Expenses, total	-16,931.86	-9,264.32

Facility leasing	2019	2018
Rental income	159,525.35	160,648.77
Service charges	-91,015.40	89,762.92
Other facility leasing expenses	0.00	-4,633.33
Facility leasing, total	68,509.95	66,252.52
Investment and financing operations, total	288,552.35	209,278.26

Clean Baltic Sea Projects

<i>Income</i>		
Received donations	1,743,142.33	1,964,587.64
Received grants	653,242.93	504,565.98
Total	2,396,385.26	2,469,153.62
Investment portfolio interest to the Fund	91,553.10	51,594.42
<i>Expenses</i>		
Personnel expenses	-840,470.61	-638,101.38
Depreciation	-233.88	-1,417.25
Equipment purchases	-100,000.00	-329,607.79
Consultancy fees	-70,138.90	-69,866.66
Marketing expenses	-259,217.71	-218,141.08
Travel and meeting expenses	-72,023.10	-54,598.97
Other expenses	-1,108,345.20	-423,220.38
Expenses, total	-2,450,429.40	-1,734,953.51
Clean Baltic Sea, total	37,508.96	785,794.53
Fund transfer	-37,508.96	-785,794.53
Clean Baltic Sea, total	0.00	0.00

The fund transfer of 2018 includes €513,255.74 of donations to the Vantaa River gypsum treatment project. €311,228.22 of these funds have been used in the 2019 accounting period. Plans are to use the remaining donations to gypsum treatment, i.e. €202,027.52, during 2020.

NOTES TO THE BALANCE SHEET

Tangible assets	2019	2018
Machinery and equipment		
Office machinery and equipment		
Purchase cost 1 Jan	7,504.00	10,005.33
Depreciation for the accounting period	-1,875.96	-2,501.33
Book value 31 Dec	5,628.04	7,504.00
Machinery and equipment, total	5,628.04	7,504.00
Other tangible assets	2019	2018
Works of art		
Purchase cost 1 Jan	218,893.91	192,043.91
Additions	0.00	26,850.00
Book value 31 Dec	218,893.91	218,893.91
Maps		
Purchase cost 1 Jan	287,210.07	247,210.07
Additions	0.00	40,000.00
Book value 31 Dec	287,210.07	287,210.07
Books		
Purchase cost 1 Jan	52,768.34	52,768.34
Book value 31 Dec	52,768.34	52,768.34
Artefacts		
Purchase cost 1 Jan	166,134.28	166,134.28
Book value 31 Dec	166,134.28	166,134.28
Other tangible assets, total	725,006.60	725,006.60
Tangible assets, total	730,634.64	732,510.60

Investments	2019	2018
Listed shares and other financing instruments		
Purchase cost 31 Dec	8,029,277.52	7,309,237.74
Book value 31 Dec	9,131,664.58	6,988,380.52
Market value 31 Dec	9,131,664.58	6,988,380.52
Difference	1,102,387.06	-320,857.22
Other shares and similar rights of ownership		
Kiinteistö Oy Pasilankatu 2, 11.67 per cent of shares		
Book value 1 Jan	932,477.85	932,477.85
Book value 31 Dec	932,477.85	932,477.85
Equity/Capital and reserves	2019	2018
Basic capital	142,168.69	142,168.69
Current Value Fund 1 Jan	-320,857.22	-7,654.26
Change in Current Value Fund	1,423,244.28	-313,202.96
Current Value Fund 31 Dec	1,102,387.06	-320,857.22
Other dedicated funds		
Clean Sea II Fund		
capital 1 Jan	3,521,572.59	2,735,778.06
received donations	1,743,142.33	1,964,587.64
received grants	653,242.93	504,565.98
Investment portfolio interest to the Fund	91,553.10	51,594.42
used in line with the bylaws to promote a clean sea	-2,450,429.40	-1,734,953.51
capital 31 Dec	3,559,081.55	3,521,572.59
Retained surplus (deficit) from previous financial periods		
Earnings from previous accounting periods, 1 Jan	6,837,318.11	6,732,810.78
Earnings from previous accounting periods, 31 Dec	6,837,318.11	6,732,810.78
Surplus (deficit) for the accounting period	534,291.07	104,507.33
Capital and reserves, total	12,175,246.48	10,180,202.17

The Foundation has one fund, the Clean Sea II Fund, which is restricted for a specific purpose.

The purpose of the Fund is to work for a clean Baltic Sea, improving both the use value of the Sea and its value as a natural environment.

RELATED PARTIES

The Foundation's related parties consist of member of the Board of Directors; the Foundation's management and certified account-ant; their spouses, children, parents and siblings, and also entities where the aforementioned persons exercise control. Related parties also include the Foundation's auditors.

All essential and exceptional related party events have been reported under Related Party Transactions. Purchases of products sold by the Foundation for normal private use, such as books, for example, have not been included in related party transactions.

The Foundation has not given its related parties any monetary loans or grants. No guarantees or warranties have been given on behalf of the related parties.

All business transactions involving related parties are conducted at current market value and in line with the Foundation's interest.

Accounting period 2019	Salaries and fees	Purchased goods and services	Sold goods and services
Members of the Board of Directors and the Foundation's management	155,020.67	190,944.41	10,544.35
Auditor	0.00	24,614.00	0.00
Accounting period 2018	Salaries and fees	Purchased goods and services	Sold goods and services
Members of the Board of Directors and the Foundation's management	151,384.52	224,474.85	29,977.68
Auditor	0.00	11,389.40	0.00

Related party transactions based on agreement, by type	2019	2018
Purchased goods and services		
Rents for facilities	33,592.45	29,695.82
Service charges and rents for facilities' storage rooms	150,220.80	122,950.13
Purchased services	7,131.16	71,828.90
Total	190,944.41	224,474.85
Business transactions: sales to related parties		
Rents for facilities	9,750.08	9,643.68
Sales from the collections	0.00	4,800.00
Book sales to companies of related parties	794.27	534.00
Monetary donations from related parties	0.00	15,000.00
Total	10,544.35	29,977.68

Contingent liabilities	2019	2018
Leasing and rental liabilities excluded from the balance sheet		
Payable in the next financial period	22,550.22	21,283.59
Payable later	20,265.22	38,298.44
Total	42,815.44	59,582.03

Signatures of the Annual Report and Financial Statements

Helsinki, 3 March 2020

Juha Nurminen
Chairman of the Board of Directors

Juho Lipsanen

Jukka Anteroine

Kaisa Olkkonen

Hannu Syrjänen

Markku Ollikainen

Marja-Leena Rinkineva

Eeva Ahdekivi

Tommi Juusela

Annamari Arrakoski-Engardt
Secretary General of the Foundation

A report of the audit has been submitted today.

Helsinki, 3rd March 2018

Oy Tuokko Ltd
Firm of Authorised Public Accountants

Terhi Latvala
AUTHORISED PUBLIC ACCOUNTANT

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AUDITOR'S REPORT (Translation of the Finnish Original)
To the Board of Directors of John Nurminen foundation

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements John Nurminen foundation (business identity code 0895353-5) for the year ended 31 December, 2019. The financial statements comprise the balance sheet, income statement and notes.

In our opinion, the financial statements that show a surplus of 534,291.07 euro, give a true and fair view of the foundation's financial performance and financial position in accordance with the laws and regulations governing the preparation of financial statements in Finland and comply with statutory requirements.

Basis for Opinion

We conducted our audit in accordance with good auditing practice in Finland. Our responsibilities under good auditing practice are further described in the Auditor's Responsibilities for the Audit of Financial Statements section of our report. We are independent of the foundation in accordance with the ethical requirements that are applicable in Finland and are relevant to our audit, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of the Board of Directors for the Financial Statements

The Board of Directors is responsible for the preparation of financial statements that give a true and fair view in accordance with the laws and regulations governing the preparation of financial statements in Finland and comply with statutory requirements. The Board of Directors is also responsible for such internal control as they determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the Board of Directors is responsible for assessing the foundation's ability to continue as going concern, disclosing, as applicable, matters relating to going concern and using the going concern basis of accounting. The financial statements are prepared using the going concern basis of accounting unless there is an intention to liquidate the foundation or cease operations, or there is no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of Financial Statements

Our objectives are to obtain reasonable assurance on whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with good auditing practice will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the financial statements.

As part of an audit in accordance with good auditing practice, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the foundation's internal control.

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- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of the Board of Directors' use of the going concern basis of accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the foundation's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the foundation to cease to continue as a going concern
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events so that the financial statements give a true and fair view.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Other Reporting Requirements

Other Information

The Board of Directors is responsible for the other information. The other information comprises information included in the report of the Board of Directors. Our opinion on the financial statements does not cover the other information.

In connection with our audit of the financial statements, our responsibility is to read the information included in the report of the Board of Directors and, in doing so, consider whether the information included in the report of the Board of Directors is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. Our responsibility also includes considering whether the report of the Board of Directors has been prepared in accordance with the applicable laws and regulations.

In our opinion, the information in the report of the Board of Directors is consistent with the information in the financial statements and the report of the Board of Directors has been prepared in accordance with the applicable laws and regulations.

If, based on the work we have performed on the report of the Board of Directors, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Other statements based on law

It is our responsibility to issue a statement on matters required in the Foundations Act chapter 4 section 2 subsection 2, based on our audit.

The Board of Directors is responsible for information included in the financial statements and the report of the Board of Directors and for that the fees and compensation paid to the members of the organs of the foundation are within a normal range.

Our statement is that the foundation's financial statements and report of the Board of Directors include the information that is material to the evaluation of compliance to the provisions in the bylaws regarding the purpose and forms of activity of the foundation. Fees and compensation paid by the foundation to the organs of the foundation can be considered to be within a normal range.

Helsinki, March 3rd, 2020

Oy Tuokko Ltd
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WE ONLY HAVE ONE SEA – #OURSEA

2020 marks the 75-year anniversary of Tove Jansson publishing her first Moomin novel. To celebrate this, Moomin Characters launched the #OURSEA campaign in collaboration with the John Nurminen Foundation to raise money to save the Baltic Sea - one of the world's most polluted seas.

The aim of the #OURSEA campaign is to raise awareness of the condition of the Baltic Sea and raise a total 1 million euros for the Foundation's work to save the sea and its vibrant culture.

You can contribute by spreading the word, donate or buy campaign products.
As little as 10 euros can help improve the condition of the Baltic Sea and remove about 40 kg of blue-green algae.



Donate at www.oursea.fi



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