



JOHN NURMINEN FOUNDATION
LOGBOOK 2020

**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.johnnurmisenfaatio.fi



JOHN NURMINEN FOUNDATION

Editorial staff: John Nurminen Foundation

Graphic design and layout: Tommi Jokivaara

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JOHN NURMINEN FOUNDATION ANNUAL REPORT AND REPORT ON OPERATIONS IN 2020

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GREAT DEEDS FOR THE BALTIC SEA

The Baltic Sea is one of the most polluted seas in the world. Its diversity is under threat, and climate change accelerates its most extensive problem, eutrophication. Not only does the Baltic Sea comprise a unique nature and ecosystem: it also boasts a cultural heritage which is as vibrant and versatile as is its history and inhabitants. As culture is mainstreamed and traditions lost, we are at risk of losing also thousands of years of tacit knowledge and understanding of the sea.

Our goal is to save the Baltic Sea and its heritage for future generations. Measured by results, our impact as a protector of the Baltic Sea is one of the strongest in the area. As we implement tangible protection measures that have a great impact on the Baltic Sea, we have at the same time taken it upon ourselves to safeguard, enliven, and communicate the marine stories of the people and the Sea's communities to future generations. We at the Foundation share a love for the sea, and a strong belief that nothing is impossible. Our work is steered by measurable results and impact.

MARINE PROTECTION WORLD RECORD

We have launched almost 40 Clean Baltic Sea projects, of which 30 have already been completed. 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. A change of this calibre has not been achieved anywhere else.

CULTURAL DEEDS AND MAJOR SOCIETAL INITIATIVES

It is important that we tell the story of the sea and make its history known, as this will also help us understand why our unique Baltic Sea must be protected. Our important goal is to solidify the relationship between people and the sea, and to strengthen their interaction. Through culture, we can make the importance of the sea around us tangible to both inland and coastal inhabitants.

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, the Loki online service, which features marine stories and information on the sea. 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, together with the Finnish Museums Association, we launched the Digimuseo.fi service, aimed at all Finns and the entire museum sector.

KEY FIGURES FOR 2020

Ordinary operations

- Clean Baltic Sea project income €2,271,586
- Clean Baltic Sea project expenses €1,774,857
- Income from marine culture €187,205
- Marine culture expenses €489,352
- Deficit from marine culture operations -€302,148

Balance sheet

- Equity €14,554,327, of which funds available for Baltic Sea protection (dedicated Clean Sea Fund) €4,677,401
- Balance sheet total €14,973,512

18 employees

Fundraising €3,732,261

See financing of operations and financial statement, p. 47.

The rules of the Foundation are available online at www.johnnurmisenosaatio.fi

OUR OPERATING PRINCIPLES

- Measurable results
- Targeted operations
- Cross-border cooperation
- Independence

WHAT RESULTS HAVE WE ACHIEVED



30/38 Clean Baltic Sea projects completed



A **1 000 ton** /year reduction in the phosphorus load from St. Petersburg



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 cyprinid fish management fishing with a catch of **700,000** kg



5100 hectares of fields treated with gypsum



45 books published



Four nominations for the Finlandia Literary Prize for Non-Fiction



more than **1,000** marine stories in the **Loki service**



New **Digimuseo.fi** service, together with the Finnish Museums Association



Win in the **Open Report competition** for annual reports



More than **150** partners from 4 countries joining the Baltic Sea Day in 2020

2020 IN A NUTSHELL

MOOMINS SAVE THE BALTIC SEA

€1,066,214

euros raised by #OURSEA,
the joint campaign of John Nurminen
Foundation and Moomin Characters



© MOOMIN CHARACTERS™

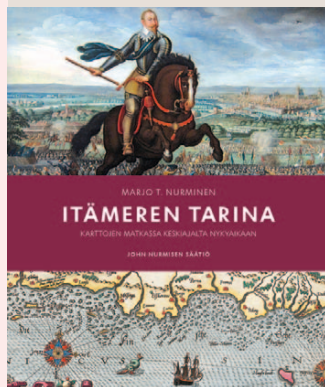
Muistojen meri – Minnenas hav

SEA OF MEMORIES – MINNENAS HAV: THE FINNS' BALTIC SEA MEMORIES BUILT INTO A MULTIMEDIA EXHIBITION

A multimedia exhibition, compiled from over 200 memories, was opened in the Citycenter mall on Baltic Sea Day. From Citycenter, the exhibition travelled to the Helsinki Central Library Oodi, and in 2021 it will be featured in the Digital Museum. The exhibition can be lent out to interested parties.

MAJOR EXHIBITION AT SATAKUNTA MUSEUM FEATURES MAPS FROM THE JOHN NURMINEN FOUNDATION

During 2021, the *Kartalla ollaan* (on the map) exhibition introduces its visitors to maps and the history of cartography, all the way from the 15th century to modern times. On display will be maps, atlases, globes, and materials related to expeditions from the collections of the John Nurminen Foundation, and objects related to cartography from the National Land Survey of Finland.



ITÄMEREN TARINA (STORY OF THE BALTIC SEA)

During the week of the Baltic Sea Day, the Foundation published Marjo T. Nurminen's magnum opus, *Itämeren tarina*. The Swedish edition of the book was sold out in record time.

CLEAN BALTIC SEA PROJECTS

5 NEW CLEAN BALTIC SEA PROJECTS, 2 PROJECTS COMPLETED

➕ RIVER VANTAA GYPSUM PROJECT

3,615 ha of gypsum-treated fields, of which 78 ha with natural gypsum. This measure halved the phosphorus runoff of the treated field plots, reducing phosphorus runoff by approximately 8,500 to 10,500 kg in 2018–2025.

➕ THE SEABASED PROJECT

launched 4 pilots with the goal of reducing the internal load of the sea, e.g. treating Kolkanlahti in Naantali with phosphorus-retaining limestone.

➕ THE BALTIC FISH PROJECT'S

first cyprinid products were introduced to the Swedish market in 2020. In Åland, the first management fishing efforts were carried out.

➕ THE SATAKUNTA MANURE RECYCLING PILOT

moved 1,000 kg of phosphorus from Satakunta to Pirkanmaa, an area with nutrient-deficient fields.

➕ THE FERTILIZER SHIPPING PROJECT

investigated the nutrient discharge risks related to fertilizer loading at harbours and the cleaning of cargo holds, and studied best techniques and measures for their prevention.

➕ THE PILOT PHASE OF THE COASTAL REED PROJECT

delivered 387 m³ of common reed for further utilization.

➕ THE BEST PROJECT

drew up recommendations for reducing industrial wastewater discharges and related risks in the Baltic Sea area.

➕ THE GYPSUM INITIATIVE PROJECT

Investigated the method's applicability in seven different countries.

ON PHARMACEUTICALS AND THE SEA

The Foundation was the patron of the Drug-free Baltic Sea campaign, organised already for the third time. Companies from the pharmaceutical and water industries, along with other stakeholders such as Helsinki Region Environmental Services HSY and the Ministry of the Environment, participated in the campaign. The Finnish Environment Institute SYKE joined the campaign as an expert on the environmental impact of pharmaceutical discharges. The Foundation continues to be a patron of the campaign in 2021.



GROWING NUMBER OF BALTIC SEA DAY PARTNERS

The annual marine celebration, created and launched by the Foundation, met with fair winds: more than **150** Baltic Sea Day partners organized over **150** events and activities in **four** countries. The Baltic Sea Day takes place always on the last Thursday in August!

JUHA NURMINEN RECEIVES DIVER OF THE YEAR AWARD

In August 2020, Juha Nurminen, the founder and chairman of the Board of the John Nurminen Foundation, was granted the Diver of the Year 2019 award.

THE FOUNDATION RECEIVES A RECORD AMOUNT OF DONATIONS

Received donations totalled at

€3,732,261

*Share of will donations was €689,237.

ENVIRONMENTAL EDUCATION COOPERATION WITH THE FINNISH NATURE LEAGUE CONTINUES

In 2020, **56** school visits were made, reaching out to over **1,000** youths, while at the events of the #muovitonmeri (plastic-free sea) campaigns, taking place all around Finland, shores were cleaned up, most common types of seaside trash studied, and Baltic Sea protection tips handed out.

SMALL CAN BECOME GREAT



LIISA VUORINEN

Annamari Arrakoski-Engardt, Ph.D.
CEO of the John Nurminen Foundation

THE SURPRISING CHANGE in our operational environment, caused by the pandemic that began in 2020, did not slow us down. On the contrary: even in a challenging environment, we have succeeded in making Baltic Sea protection history on many fronts. I am extremely proud of the high professionalism and perseverance displayed by the Foundation's team in making sure things get done. We rely on sound research, and this approach has brought us amazing results. The results presented in the Annual Report speak for themselves.

In 2021, our work will continue with the same approach. One of the main themes we selected for the Baltic Sea Day, celebrated on the last Thursday of August, is trailblazing. We – us Finns and all the countries of the Baltic Sea joining forces – can, through our actions and example, build the Baltic Sea Day together into a great event, and make the Baltic Sea set an example for other marine areas of the world. We can show the way in saving and respecting the sea, and in safeguarding marine culture.

Cross-border cooperation is a prerequisite for protecting the nature and heritage of the Baltic Sea. Many of our results are relevant in the entire Baltic Sea area – and even elsewhere. Our cooperation with Moomin Characters, working for the **#OURSEA campaign** that was set up in honour of the Moomins' 75th anniversary, was something truly unique and wonderful. With the funds collected by the campaign, we can finance e.g. the **Fertilizer Shipping project**, which joins forces with stakeholders of the field to tackle a major source of discharges. We lead the three-year **Sustainable Biogas project**, which seeks to reduce the impact of biogas production has on the waterways in the entire Baltic Sea catchment area. In 2020, we and the City of Helsinki also completed the **BEST project**, which identified not only best practices, but also glaring deficiencies in the treatment of harmful substances.

To wrap up 2020, we also published the final reports for the **Local Fishing project** and the **River**

Vantaa Gypsum project. Fish stock management and the gypsum treatment of fields are both important new initiatives in Baltic Sea protection. We managed to not only reduce the nutrient load of the sea, but also to promote major societal change.

Fishing is an efficient way to alleviate the internal nutrient load of the Baltic Sea, but this is far from being the only aspect of cyprinid fishing: it is also a way to promote a sustainable diet, and revitalize traditional coastal fishing livelihoods. Joining forces with other stakeholders of the sector, we have managed to commercialize fish stock management in the Baltic Sea. What we started out in Finland we are now continuing in Sweden.

The River Vantaa Gypsum project, on the other hand, implemented in cooperation with the Ministry of the Environment and project partners, is spearheading the wider deployment of gypsum treatment: the Foundation is taking this measure, now implemented on a wider scale in Southwest Finland with funding from the Ministry of the Environment, beyond the borders of Finland with the **Gypsum Initiative project**. Research has shown that gypsum is the most efficient first aid measure to tackle nutrient discharges from agriculture; for us working for the Baltic Sea, it gives us extra time to search for other measures to curb these loads. One of the solutions is transportation of manure phosphorus from farms to fields in nutrient-deficient regions, which the Foundation promotes in the **Manure Recycling project**.

By trying new things and scaling them up, we can achieve great results. Many Baltic Sea actions are also climate actions, such as eating fish that is caught sustainably from the Baltic Sea. Another example of benefitting both the sea and the Earth is the **Coastal Reed Project**, launched together with Metsähallitus last summer. The project's objective is to recycle the nutrients of reed growths from eutrophicated coastal waters to land. At the same time, we promote the sustainable and versatile use of renewable reed mass as a raw ingredient that replaces peat, and support the protection of nature's biodiversity. We will first pilot the measure, and based on this experience we will plan how to expand the project. Our objective is to enable the reed mass to be utilized on market terms in the future.

Our corona year cultural deed turned out to be **Digimuseo.fi**, digital museum platform, launched in May 2020 in cooperation with the Finnish Museums Association, and allowing us to browse museum exhibits safely from our living room couches. The museum started out with four pilots, including the maritime collection of the Foundation, but already in 2021 we will have a plethora of new content available within the limitless walls of the Digital Museum. In the Digital Museum, you can already visit the prime sites by the River Aura in Turku and see what is under the deck of the *Suomen Joutsen*.

This is, once again, a new initiative and a breakthrough that we have had the pleasure and



RAIMO SUNDELIN

First snow, from the book
Meren Muisti – Havets Minne,
photographed by Raimo Sundelin.

honour to be brainstorming and implementing. The digitalized consumer versions of museums and our cultural heritage are taking their first but increasingly speedy steps. In Finland, we could show the way to the rest of Europe, and even the whole world.

In August 2020, we had the opportunity to celebrate **Baltic Sea Day** together with our 150 partners. It was wonderful to see that in spite of the corona pandemic, St. Petersburg, Tallinn and Stockholm all took part in the Baltic Sea Day – only one year after we had launched this day as the Sea's very own celebration. Around this time we also received the first fresh copies of **Marjo T. Nurminen's** magnificent *Itämeren tarina* (story of the Baltic Sea), which, guided by maps, dives into the history of our one and only sea. The importance of a small sea has been great from early on.

What kind of a memory of ourselves will we leave to future generations? This is something I have pondered as I stop to peruse the images of photographer **Raimo Sundelin**, gathered in our book *Meren muisti – Havets minne* (the sea's memory), published in spring 2021. Raimo has taken photographs of the sea for several decades. He can name the toughest, iciest winters of

the 20th and 21st centuries by heart, and knows that in the archipelago, the most important day is the day of first snow. Raimo remembers when the Sea was frozen so that Åland could be reached by car, driving on an ice road. Now, we can conclude that a winter like that will never again be seen by the Baltic Sea. But we will survive, and do all we can for the Sea. For it is the duty of our generation – and the mission of this Foundation – to save the Baltic Sea and its heritage for future generations.

I would like to extend my warmest thanks for their outstanding cooperation to all donors, partners, and friends of the Baltic Sea. Without your support, we would not have been able to continue our efficient work for the wellbeing of the Baltic Sea and its marine culture.

4 June 2021

In anticipation of the open seas of summer,
Annamari Arrakoski-Engardt, Ph.D.

CEO



@AArrakoski

JOIN OUR MONTHLY DONORS

THE STATUS OF THE
BALTIC SEA is not a local
environmental problem: it
touches all the inhabitants and
stakeholders of the Baltic Sea
area. A clean, swimmable, and
diverse Baltic Sea benefits us
all. We should also protect the
valuable cultural heritage of
the Baltic Sea. As culture is
mainstreamed and traditions
lost, we are at risk of losing
also thousands of years of tacit
knowledge and understanding
of the sea.

Become a monthly donor of the
John Nurminen Foundation.
By donating, you join the effort
to protect the Baltic Sea and its
heritage.

**Support the Sea –
become a monthly donor:
johnnurmisenfaat.io/en/donate**

Permit given to: John Nurminen Foundation. Permit number
and date of issue: RA/2016/682 and 31.10.2016. Time
and geographical area: 1.1.2017–31.12.2021, whole Finland
excluding Åland. ALR 2021/2572/ 1.5.2021–31.12.2021, Åland.
Purpose of use: The collected funds are used for saving the
Baltic Sea and its cultural heritage.



MARCA ROSENCRAND

"I have spent all my life by the Baltic Sea. My childhood summer memories are essentially about swimming and skipping around on the stones by the shore. As a teenager I would go for a walk and stare at the seashore whenever I felt my mind needed calming down.

Now, as an adult, both my home and my summer cottage are by the Baltic Sea, and my child has learned to love the Sea – swimming in it, and looking for creatures of the sea. A great way to help the Baltic Sea is to become a monthly donor. You can start today!"

– Krista Kosonen

"The Baltic Sea needs the help of all who live around it. The John Nurminen Foundation makes sure that by supporting the operations of the Foundation, we can change the future and direction of one of the most polluted seas in the world. Tangible actions are the only way to clean the Sea. This is how we can preserve the Baltic Sea for ourselves as well as for future generations."

– Meeri Koutaniemi



"Eutrophication is one of the greatest threats faced by the Baltic Sea. The Baltic Sea is our sea, and we cannot replace it. Become a monthly donor to the John Nurminen Foundation – their work for the Baltic Sea is extremely important!"

– Mikko "Peltsi" Peltola

ANNA KAHILU-CORNIER

WE SAFEGUARD THE STORIES OF THE SEA

WE at the John Nurminen Foundation want to tell the story of the Sea: the Sea that for the Finns equals a bridge to the world, connecting us to the other nations that surround the Sea. Our goal is to solidify the relationship between man and the sea, and to strengthen their interaction. Moreover, we aim to inspire new communities and encourage them to participate in the world of marine content.

In 2021, we published **four new books**, which will have their contents enriched in exhibitions and via other media. Content from the books, curated by us, will be featured in the **Digimuseo.fi service**.

At the Digital Museum, you can also acquaint yourself with other content from the Foundation, such as the **exhibitions Meren maa – Havets land** (land of the sea) and **Muistojen meri – Minnenas Hav** (sea of memories).

LES ANDERSON



MAP EXHIBITION WITH RECORD-BREAKING SCOPE

DURING 2021, the **Kartalla ollaan** (on the map) exhibition introduces its visitors to maps and the history of cartography, all the way from the 15th century to modern times. On display will be maps, atlases, globes, and materials related to expeditions from the collections of the John Nurminen Foundation, and objects related to cartography from the National Land Survey of Finland. Maps from the Foundation's own collections depicting the Satakunta region will be on display. From the maps, you can learn about the political, religious, economic, and cultural relationships of each era.



Atlas Minimus or A book of Geography, John Seller.
JUHA NURMINEN COLLECTION



WHAT DOES THE FINNS' BALTIC SEA LOOK LIKE?

THE SEA OF MEMORIES PROJECT sought to study the mental images people have of the sea, and to prompt the Finns to think about their relationship with the Baltic Sea. In the project, we collected more than 200 Baltic Sea memories from the Finns, and created a multimedia exhibition based on them. In August, the **Sea of Memories** exhibition was on display in the Citycenter Mall, and in November in Oodi, the Helsinki Central Library. In 2021, we will lend the exhibition free of charge for the use of companies, museums, and other organisations.

Marine memories were collected in cooperation with Åbo Akademi, museums, and various other stakeholders. All memories that had provided authorization to do so were also delivered to the archives of the Finnish Literature Society, where they are available to researchers. Our goal is to leave a permanent mark in the memory of the nation, and accrue our national cultural heritage.



Borrow the exhibition for free!
[johnnurmisenfaat.io.fi/en/
sea-of-memories/](http://johnnurmisenfaat.io.fi/en/sea-of-memories/)

ILKKA NUORMINEN

BOOKS PUBLISHED BY THE JOHN NURMINEN FOUNDATION (45):

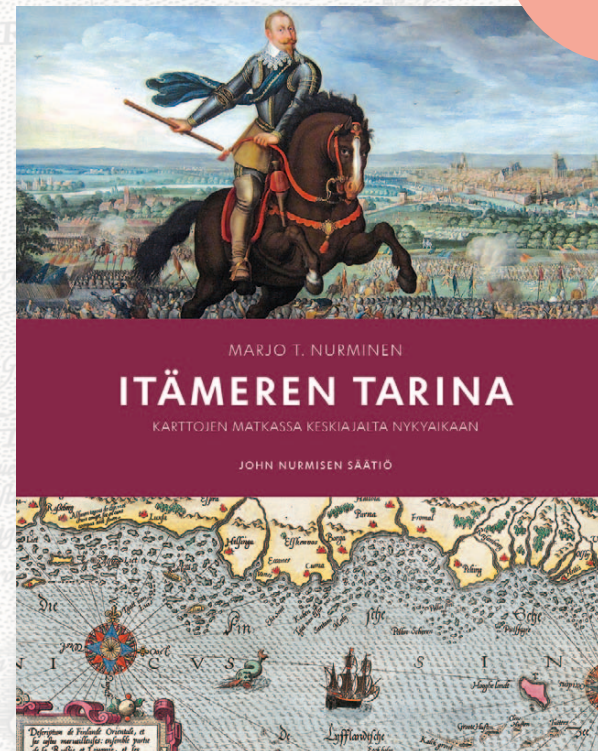
Meren muisti – Havets minne (2021) Finnish/Swedish
Vaarallisilla vesillä – Salakuljetusta ja seprakauppaa Suomenlahdella (2021) Finnish
Itämeren tarina – Karttojen matkassa keskiajalta nykyaikaan (2020) Finnish, Swedish
Vanadis – Suomalaisfregatti maailmanhistorian tyrskyissä (2019) Finnish
Meren lumo – 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
Hiiohoi! 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 kappyyksistä (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 – Akvarellinvevää 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 Liberdadeella 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:
johnnurmisenstaat.io.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.

NEW
IN 2020



ITÄMEREN TARINA

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

Marjo T. Nurminen

Itämeren tarina (the story of the Baltic Sea) was born from the desire to understand how our northern sea and the countries surrounding it are visualized on maps and in the minds of people. The magnificently illustrated book speaks of centuries of interaction over the sea, and explores the significance of the area around the Baltic Sea. The book was published in August 2020 in Finnish and Swedish.

“There has always been an ongoing battle for power on the Baltic Sea, as the shores of the sea have never been under the control of a single state in the way e.g. Rome was the ruler of the Mediterranean, making it its mare nostrum. Itämeren tarina, the latest book by Marjo T. Nurminen, explains that as a memento of the naval wars of bygone times, hundreds of well-preserved wrecked men-of-war from the Viking Age to World War II lie on the bottom of the Baltic Sea.”

– editorial on August 26th, 2020,
 Helsingin Sanomat

“Itämeren tarina is an absolutely gorgeous book! In spite of it being a rather large tome, I read it almost in one go. Down to the last minute detail, the book is sublime: the text, the visual editing, graphic design, print quality – all of it. Thanks to its clear structure, this entertaining guide to the history of the Baltic Sea area can also be read by skimming, and the timeline at the end of the book keeps the events and ruling families in order. An excellent addition to the book shelves of us enthusiasts who are already well-versed in the history of the Baltic Sea, as well as for those who learn about these stories and the history for the first time.”

– Markku Löytönen, Professor Emeritus of
 Geography

Image: Abraham Ortelius's map of the North,
Septentrionalium regionumdescrip. Detail.

JOHN NURMINEN FOUNDATION



VENKO SOBERPULO

DAUGHTER OF THE BALTIC SEA

Interview with Marjo T. Nurminen

The Baltic Sea is close to your heart. How is this topic interwoven with your life in general?

– I come from a family of pilots and seafarers. Ever since I was a child, I have heard fun and exciting stories of their lives and their adventures on the seas. I was born in Helsinki, and have lived most of my life there. I love the way Helsinki is right by the sea, and have been able to spend a lot of time on the sea. Because of its strong affiliation with the sea, Helsinki is often called the Daughter of the Baltic. For me, the sea and its shores are important as both natural and cultural environments. In the late 1990s I fell in love with diving, qualified as a professional diving instructor, and began studying underwater archaeology. In 1999, I became a research diver for the Finnish Heritage Agency's *Gustaf Adolf* wreck park project: this story is also included in my book. Ever since then, I have been profoundly interested in the history of the Baltic Sea area.

In the book, you explain how maps have in many ways impacted society and the perceptions that

people have. For you personally, what has been the most striking historical discovery of a bond between a map and societal change?

– Ever since antiquity, maps have truly been a vehicle for illustrating information and for shaping the images people have of the areas depicted in the maps and of the people living in different areas. Perhaps the best known and most impressive example of a map made in the Baltic Sea area and describing the said area is the *Carta Marina* from 1539. This map, drawn up by the Swedish priest Olaus Magnus, depicts the entire Baltic Sea area, and seeks to be a kind of encyclopaedia for all information. With amusing drawn figures, it not only describes the geographical features but also the nature and climate of the area, and the livelihoods, beliefs, history, and manners of the people who live there. Modern maps, too, are impressive tools of information and power. When we read our morning paper and take a look at a data map alongside a feature story, we want to believe that the information it is based on is true. The power of maps lies in their ability to simplify and exemplify complex issues.



Itämeren tarina (the story of the Baltic Sea) is full of interesting anecdotes about map makers and other historical characters. Who's story has become most important to you?

– Every character whose story I learned seemed highly interesting during the writing process. Towards the end of the book, I describe the life of **Karl Gustaf Ekebon**, a Finnish seafaring jack-of-all-trades and mapmaker, whose life is an interesting reflection of industrialization in the Grand Duchy of Finland, seafaring, and of how international relations opened up in the late 19th century. I have to admit that characters from the Medieval and Early Modern times, too, like **Eric of Pomerania**, the entire unconventional Vasa family, and other Renaissance princes, are quite

colourful. It has also been interesting to discover that here, way up by the northern Sea, life at court as well as amongst common folk has been just as colourful, eccentric and international as in the centres of southern Europe.

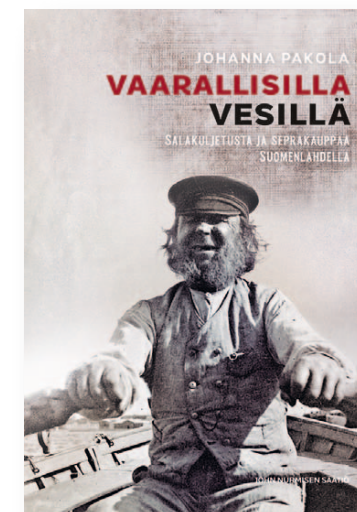
"Marjo T. Nurminen has taken on a challenging topic: it is one that requires an extensive understanding of sources, language skills, and the ability to 'see' national and state-level themes as part of the wider context of the Baltic Sea. In this time-consuming task, Nurminen has done an excellent job."

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

Image: Herman Moll. "A new map of Denmark and Sweden According to the Newest and most Exact Observations". circa 1733. London. JOHN NURMINEN FOUNDATION



PUBLICATIONS IN 2021



VAARALLISILLA VESILLÄ

– SALAKULJETUSTA JA SEPRAKAUPPAA
SUOMENLAHDELLA

*(On Dangerous Waters – Smuggling and sepra
trading on the Gulf of Finland)*

Johanna Pakola

The Gulf of Finland has always been an important commercial trading route, impacting lives all the way from the rugged islands in the east to St. Petersburg, Tallinn, and the coastal cities of Finland. Not just tradesmen but also smugglers used the sea as a means of transportation. *Vaarallisilla vesillä* tells us of the everyday lives of the people in the outer archipelago, and of the inventiveness they showed when faced by upheavals in nature and in society.

The book deals with the time period from the latter half of the 19th century all the way to World War II. Carefully selected photographic treasures from the archives, such as the charming cityscapes from St. Petersburg, and the images, full of character, of seal hunters and fishermen, open up a window to this multifaceted period in the archipelago of the Gulf of Finland and the everyday chores of its inhabitants.

"In a rather wonderful way, the book exudes the peculiar history of the eastern Gulf of Finland and the lost islands, in particular, throughout the entire 150-year time period. Johanna's stories are compelling and fascinating. The extreme experiences and icy adventures of the fishermen and whale hunters on the eastern Gulf of Finland amazed me. They are a match for any arctic polar expedition of today!"

– **Juha Nurminen**, founder of the John Nurminen Foundation and Chairman of the Board of Directors

On the left: Hilppa, a girl from Haapasaari, watches the journey of the Russian gunboat Svutš. Images from the book *Vaarallisilla vesillä*.

KYMENLAAKSO MUSEUM, LAURI HAAPANIEMI.

Below: Fish handling was an everyday chore for the women of the outer archipelago. Troughs, shingle baskets, boxes, and mine casings were all used for transportation. Images from the book *Vaarallisilla vesillä*. KYMENLAAKSO MUSEUM



PUBLICATIONS
IN 2021



ARKTINEN RULETTI (*Arctic Roulette*)

Matti Lainema

What kind of a man sends half of his starving crew on an icy trail, knowing that they will not survive the trip? *Arktinen ruletti* is a semidocumentary adventure that begins in London in January 1850, and ends four years later on the freezing waters of the northern coast of Canada.

The sailing ship *HMS Investigator* departed on a mission to find the lost Franklin expedition. In the end, the crew of the ship spent three years in the Arctic, fighting against the conditions, each other, and their own psyche. The novel is a hair-raising tale of ambition, grit, conflict, adversity, and survival at the mercy of arctic nature. The book moves forward through the stories of three people: the ship's captain, the ship doctor, and an Eskaleut interpreter. The events are based on nearly authentic diaries and other preserved reminiscences.



NAUTILUKSESTA ARANDAAN – SUOMALAISEN MERENTUTKIMUKSEN TARINA (*From the Nautilus to the Aranda – The story of Finnish marine research*)

Eeva-Liisa Poutanen and Juha-Markku Leppänen
Suomen Merentutkijat (association of Finnish marine
researchers) writing team

Nautiluksesta Arandaan gives a versatile and human-centered account of marine research and its phases over a period of more than one hundred years. Interesting stories, incidents and photographs bring the grand story of marine research to life. The book explains how marine research and organizations that conduct research have changed from the Enlightenment period under Swedish rule to the times of modern-day EU membership. Stories and developments in research are presented from the periods of e.g. autonomy, Finnish independence, the wars, and subsequent reconstruction. The book's authors are a team of 15 writers from the association Suomen Merentutkijat – Havsforskarna i Finland.

Research vessel *Aranda*.
Image from the book *Nautiluksesta Arandaan*.



MEREN MUISTI – HAVETS MINNE

(*The sea's memory*)

Raimo Sundelin

The southwest archipelago of Finland, i.e. the part of the Baltic Sea with more islets than anywhere else, is a unique environment even on a global scale. The number of its islands, the variety of its seasons, and the colours of its shores are in a league of their own.

Meren muisti – Havets minne, the pictorial documentary by the photographer **Raimo Sundelin**, tells the story of thousands of island ventures, and the passion of a lifetime. The book opens a window to the islets and the shores, their flora and fauna, such as the birds who burst into flight from the waves. In his soulful images, Sundelin has also captured human activities, from troy towns and fishing huts of bygone days to the modern guest harbours of today. The book takes you on a voyage to lighthouse islands and old pilot houses, allowing you to wonder at seafaring gear from cairns to beacons. In addition to magnificent solitary moments in nature, Sundelin shows with paired images, taken from the same spot at different times, how the archipelago has changed as decades have gone by.

Images from the book *Meren Muisti – Havets minne*,
by the photographer Raimo Sundelin.



DIGIMUSEO.FI

AWARD-WINNING DIGIMUSEO.FI TAKES VISITORS ON A JOURNEY THROUGH TIME, BRINGING CULTURE TO FINNISH HOMES

Halfway through the corona spring, the **Finnish Museums Association** and the **John Nurminen Foundation** released an online service with the goal of gathering the digital contents and offerings of all Finnish museums to one place. In the Digital Museum, you can acquaint yourself with museum collections virtually – and for the first time, also 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. Digimuseo.fi did, in fact, receive accolades already in its first year, winning silver in the Finnish Web Awards.

In the Digital Museum, you can learn more about the antiquated remedies of the **Pharmacy Museum** and **Qwensel House**, 18th century interior design in the home of a noble family from Turku; you can study the photographs and items from around the world in the **Helinä Rautavaara Museum** collections, see the exhibition 'Before Machines' by **Sarka**, the **Finnish Museum of Agriculture**, take a virtual tour of the **Presidential Palace** – so familiar to us from Independence Day celebrations – and see the highlights of the **John Nurminen Foundation's** collections and visit the legendary **Suomen Joutsen** (Swan of Finland) ship. You can visit the exhibition independently, or book a guided tour.

Yhteinen Perintö Oy, a social enterprise, is in charge of the operations of Digimuseo.fi. Its

"Access to history, art, and our cultural heritage must be available to us all. With digital solutions, we can offer new implementations and opportunities that make this possible. Online, contents and services are equally accessible to all, irrespective of time or the place where you live."

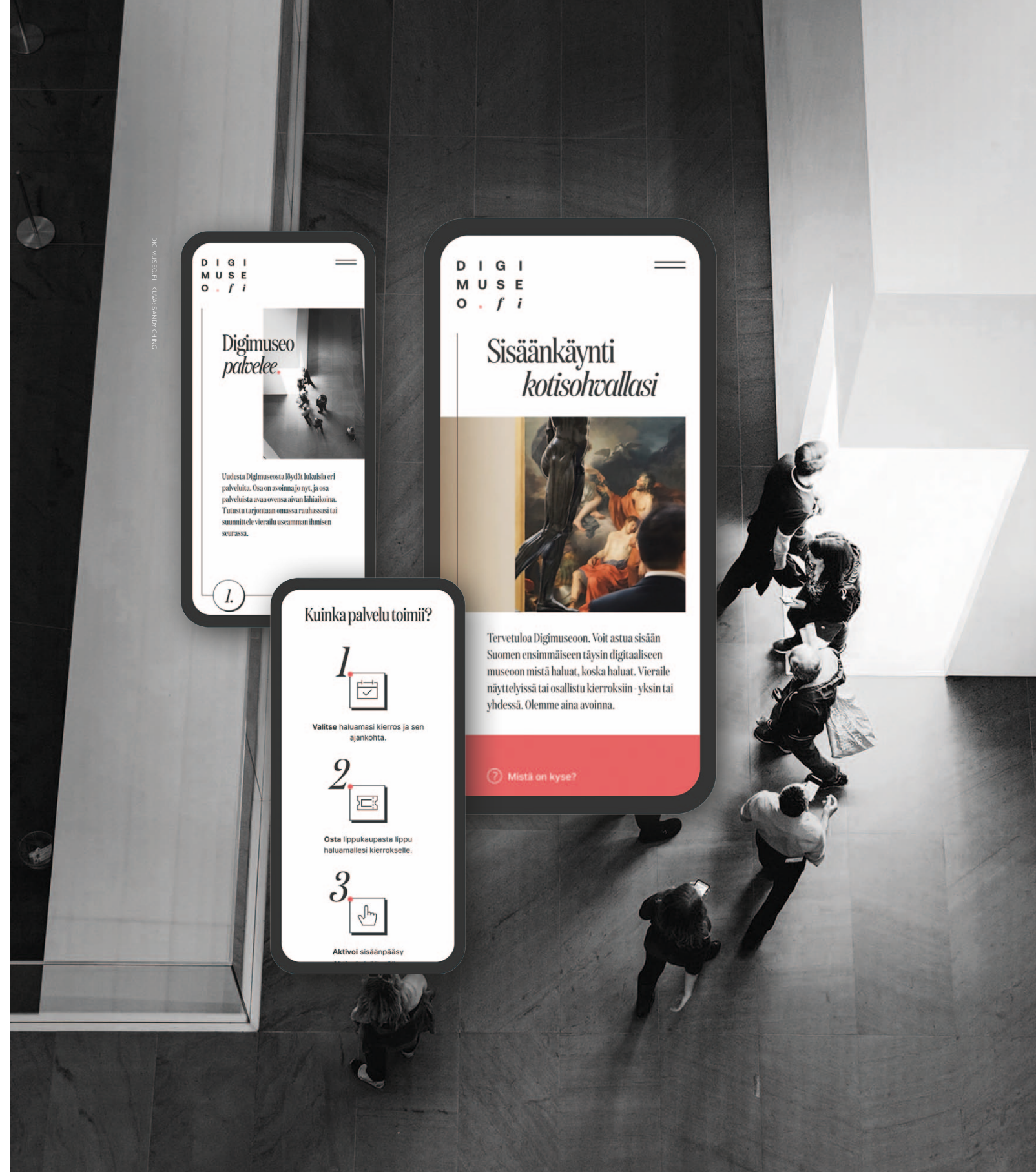
The new Digital Museum, created by the Finnish Museums Association and the John Nurminen Foundation, tackles the need and seizes the moment. The exceptional times we are living in make the new Digital Museum even more valuable"

– **Sauli Niinistö**, President of the Republic of Finland, and his spouse, **Jenni Haukio**, in their greeting to the Digital Museum.

"The digitalized consumer versions of museums and our cultural heritage are taking their first but increasingly brisk steps. Us Finns could lead the way in Europe, and even in the whole world."

– **Kimmo Levä** and **Annamari Arrakoski-Engardt**, chairman and vice-chairman of the Board of Yhteinen Perintö Oy, in an opinion piece in Helsingin Sanomat

owners are **FMA Creations Oy**, a company steered by the Finnish Museums Association, and the **John Nurminen Foundation**. The vision of Yhteinen Perintö Oy is to become the foremost provider of digital cultural heritage services. The goal of the company is to help museums succeed in the digital operational environment.



BALTIC SEA DAY

FIRST BALTIC SEA DAY SURPASSED ALL EXPECTATIONS

The John Nurminen Foundation launched the **Baltic Sea Day** in 2019 with the cities of Helsinki and Turku, and a few other key partners. During 2020, the Day was built into an extensive campaign, with a wide and versatile network of partners joining in. In 2020, the Baltic Sea Day did in fact surpass all expectations: the celebration of the sea was built by approximately 150 stakeholders, and a similar number of events and activities were organised. Amongst other things, the Day's programme featured culture, inspiring talks, environmental activities, feasting on Baltic delicacies, and learning those always important swimming and lifesaving skills.

In Turku, everyone was challenged to eat sustainable fish; Baltic Sea themes were discussed in the Europe Forum; jazz music was enjoyed; and the bottom of the Aura River was cleaned by divers. At the Tampere Postal Museum, letters to the Baltic Sea were written, while at the Hamina Town Museum visitors travelled to the world of Tiny Roach; in Siikalatva, The Plunge was taken after reed mowing, and in Kotka, folks gathered to the Baltic Sea Village and learned about eels at Maritime Centre Vellamo.

On Baltic Sea Day, we declared our love for the sensitive sea we live by also with actions. On the day of the celebration, hundreds of thousands of fish meals were served all around Finland, people

Baltic Sea Day – what is it?

An international celebration of the Baltic Sea, launched by the John Nurminen Foundation in 2019, that takes place every year and inspires our thoughts and actions.

The goal is to inspire and involve:

- ▶ Make the Baltic Sea headlining news for one day each year.
- ▶ Provide an opportunity to teach and learn about the Sea, its nature, culture, and history.
- ▶ Increase awareness and interest in the interaction between people and the sea.
- ▶ Be an example and provide hope: the Baltic Sea can be a paragon for other seas, and a test lab for new solutions for the entire world.
- ▶ The day celebrates the versatility of the sea, and its immeasurable value for Finland and the Finns.

The Baltic Sea Day is celebrated every year on the last Thursday in August with events, information sessions, activities, and rallies.

Come join the celebration on Baltic Sea Day 25 August 2022!

#itämeripäivä #östersjödagen #balticseaday www.balticseaday.fi

Actions for our sea.

www.balticseaday.fi

26.8.2021

ITÄMERI
PÄIVÄ

ÖSTERSJÖDAGEN ♦ BALTIC SEA DAY

The Baltic Sea Day
is carried out by





At the family event organised by the John Nurminen Foundation and the Finnish Swimming Teaching and Lifesaving Federation at lake Kuusijärvi, everyone joined the Crowd Plunge at 6 pm. At Kuusijärvi, open water swimming instruction was available from the Uimalla yli association, and Aurajoen Tarzan provided dødssing lessons for plungers.

were encouraged to pick up trash with various challenges and competitions, and magnificent photos taken underwater by divers as well as works by the CityTorppari art community were enjoyed.

In addition to the fact that the Baltic Sea Day spread out across Finland from Helsinki to Turku and Hamina to Siikalatva, with a total of 13 cities both on the coast and inland participating, the Day was also celebrated on an internationally. In 2020, the Baltic Sea Day was celebrated in Russia, Estonia, Sweden, and Latvia. In Stockholm, people could learn of how water is treated at wastewater treatment plants, admire the organisms of the Baltic Sea, and take a Crowd Plunge in honour of the Baltic Sea. In Tallinn, the Baltic Sea-friendly recipe tool, originally developed by YLE, was made available in Estonian, shores were cleaned up, and fairytales were read. In Russia, a Baltic Sea-wide food festival was organised, amongst other things, and sailing boats took part in the Baltic Sea regatta. The goal of the John Nurminen Foundation is in fact to make the Baltic Sea Day even more international in the coming years.



Baltic Sea Day celebrations in Russia.

HOW CAN YOU JOIN THE BALTIC SEA DAY?

Baltic Sea day partnership is free of charge, and we invite everyone to join in and enjoy the day in the way that suits them best. You can become a partner by e.g. by filling in the partner form or announcing your own Baltic Sea Day event or activity on the Baltic Sea Day website.

If you are not yet sure how you want to participate in the Baltic Sea Day, you can first get acquainted with the available Baltic Sea Day campaign concepts, i.e. the **Baltic Sea menu**, **The Plunge**, and the **Baltic Sea Moment**. On our website, we have also collected tips and inspiration for museums, companies, restaurants, libraries, schools, and daycare centres.

Anyone can subscribe to the Baltic Sea Day's partner letter. In the letters, we provide information on current issues related to Baltic Sea Day preparations, and include tips for the use of our partners. The letter is sent to your email around six times per year. You can also read all the partner letters already sent out on the Baltic Sea Day website.



"We are on the right track in Baltic Sea protection, we just cannot become dejected", president **Tarja Halonen** summed up in her talk at the Baltic Sea Day early bird's session.



The Baltic Sea Day was celebrated in great spirits.



The Baltic Sea Day took over social media already in the first year when an actual celebration was organised. The hashtag #itämeripäivä was the most tweeted in Finland all throughout the day, with more than 1,000 tweets sent. On the last Thursday of August, the Baltic Sea Day reached out to almost two million Tweeters. On Instagram, around 5,400 images were shared celebrating the Baltic Sea Day.

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"Last year, the Baltic Sea Day was celebrated with numerous events in Finland and also in the neighbouring countries – displaying diversity and a wide spectrum of voices heard. Great ideas were taken beyond the planning phase, as the numerous events bore witness to the importance of cooperation as well as the strength of the Baltic Sea's ecological, cultural, and social capital. Cooperation must take place on the grassroots level", said the President in her speech, encouraging all to take action on behalf of the Baltic Sea. "The Baltic Sea is first and foremost a sea that belongs to us all, and a theme we share with our neighbours."

– President Tarja Halonen

"The Baltic Sea has earned a celebration of its own. The Baltic Sea Day, launched by the John Nurminen Foundation in 2019 and celebrated on the last Thursday in August, celebrates the wonderful story of the Baltic Sea as well as its future. The Foundation has invited us all to join in. In these exceptional times, the Baltic Sea Day will bring people together in many ways, as events and emotions can be shared virtually. When we join forces, the Baltic Sea Day is a success story in which everyone can participate in their own way.

I thank the John Nurminen Foundation for the initiative. I wish the organisers and partners of the Baltic Sea Day the best of success in building an inspiring Baltic Sea Day, and a wonderful upcoming Baltic Sea Day for everyone."

– Sauli Niinistö, President of the Republic of Finland

HOW TO SAVE THE SEA THAT IS THE HOME OF OUR FOUNDATION?

EVEN THOUGH the headquarters of the John Nurminen Foundation are today located in the concrete jungle of the not-so-maritime Pasila in Helsinki, we were originally born in Rauma, by the waves of the Bothnian Sea. This was where the Nurminen family embarked on their shipping career in the 19th century, during the age of the great sailing ships.

This is why the Bothnian Sea is close to the heart of the Nurminen Foundation, and the reason why we, from our Pasila offices, have been keeping a worried eye on developments in our home sea. Concentrations of soluble phosphorus – the most harmful kind in terms of eutrophication – have been rising in the Bothnian Sea all through the 2010s, nearly doubling in the span of ten years, and increasing the likelihood of algae blooms. Earlier, eutrophication was seen to be first and foremost a problem of the Gulf of Finland and the Archipelago Sea, but now eutrophication is taking a hold also in the more northern marine areas.

When we began our marine protection operations in 2005, the Gulf of Finland was the most polluted part of our marine area. We found the cure for its status in the east, i.e. from the wastewater treatment plants of the cities of northwestern Russia, and from the fertilizer factory by the River Luga, which had discharged staggering volumes of phosphorus to the sea. In these backyards of Russia, we toiled away for the ten first years of our marine protection efforts. During this time, the load of the Gulf of Finland was cut by as much as 75%, making the waters of the Gulf of Finland visibly brighter.

Once we had taken care of sweeping clean the backyards of the east with their thousands of tons of nutrients, it was time to show the broom to our home country, and look for remedies for domestic discharges. This was when we got to know about the problems of our Foundation's home sea, the Bothnian Sea.

The greatest challenge of the Bothnian Sea, as well as other marine areas of Finland, is non-point loads from agriculture. In spite of decades of effort, the eutrophication-inducing non-point loads of phosphorus have not decreased in even one of Finland's marine areas, and in the Bothnian Sea, the situation has grown even worse. The poor status of the Archipelago Sea is often in the news, whereas worrying signals that come to us at the same time from the north are just ignored.

The reason for the deteriorating status of the Bothnian Sea is the same as in the Archipelago Sea: nutrient runoff caused by high nutrient levels on cultivated field plots, maintained by concentrations of animal farming in the area. Higher volumes of manure phosphorus, in particular, are generated in the catchment area of the Bothnian Sea than can be sustainably used in the cultivated fields of the area. As a substance, phosphorus is troublesome, because any surplus will be retained in the soil, causing discharges for decades to come. In Satakunta, the phosphorus concentrations of fields are amongst the highest in Finland.

In 2020, frustrated with the situation, we launched a manure recycling project with the idea of finding practical solutions for accumulating manure phosphorus. We quickly found out why, in spite of the



LIKA-VUONENEN

Marjukka Porvari heads the Clean Baltic Sea projects of the John Nurminen Foundation. Marjukka joined the Foundation in 2005, when the Foundation launched its first Baltic Sea project improving the efficiency of wastewater treatment in St. Petersburg. As our operations have expanded, Marjukka, who speaks fluent Russian, has travelled all around the catchment area of the Baltic Sea, hunting for cost-efficient projects. Since then, the Foundation has implemented 30 Baltic Sea projects, and the team implementing the projects has grown from one Marjukka to a team of seven.

The Foundation's oldest employee, in terms of career years, Marjukka calls herself a veteran of the Foundation. She goes all in, with passion and integrity, combining the strengths of a humanitarian and a terrier. The Foundation's informal motto "Nothing is impossible" was born out of real-life situations, where complex and difficult projects were made possible and eventually successful.

nutrient recycling hype that had been going on for almost ten years, nutrients in manure were still not being recycled: because of transportation and processing, the price of one kg of phosphorus transported from Huittinen to the nearest field with a nutrient deficiency turned out to be €29. At your local agricultural supply store, a kg of mineral phosphorus has a price tag of about €1. The profitability of farming in Finland is certainly not high enough for the producer to be able to pay 29 times more for a factor of production, just because it is a good thing to do so. It is clear that the problem in Finland will not be solved on a national level without state-driven subsidies and means of control.

In order to save our home sea we, the children of the Bothnian Sea, have the following recipe: first, all applicable cultivated fields in the Bothnian Sea catchment area must be treated with gypsum, which can cut the phosphorus runoff from the fields immediately by 50%. At the same time, we must take action to deal with surplus manure phosphorus. Even though the impact of the latter measure will be visible only after years or decades, if we want our children to one day see a clean and clear Bothnian Sea, we must begin now.

The column by **Marjukka Porvari**, Director of the Clean Baltic Sea projects, was published on 7 February 2021 in the article series of *Länsi-Suomi*.

DO YOU THIRST FOR INFORMATION ON THE BALTIC SEA AND ITS STATUS?

Read more on the **Information about the Baltic Sea** section on our website at johnnurmisenfaat.io/en/baltic-sea-protection/information-about-the-baltic-sea/



YOU CAN ALSO TAKE A LOOK AT

The **www.marinefinland.fi** page is a comprehensive information package on the Baltic Sea where information on the Baltic Sea, compiled by various Finnish institutions, has been collected. In the different sections of the site, you can learn e.g. about the nature of the Baltic Sea, changes faced by nature, the various branches of marine research, the work of the researchers, and the societal affiliations of the Baltic Sea. The pages are meant for everyone interested in the sea, and they provide information also for professionals who work with maritime issues, such as teachers, marine area planning professionals, and journalists.

More blogs by Marjukka are available on our website, at johnnurmisenfaat.io/en/news

CLEAN BALTIC SEA PROJECTS

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



ONGOING CLEAN BALTIC SEA PROJECTS

DURING the past fifteen years, the John Nurminen Foundation has launched almost 40 Clean Baltic Sea projects, of which 30 have been completed. In cooperation with other stakeholders, the nutrient load of the Baltic Sea has been reduced considerably.

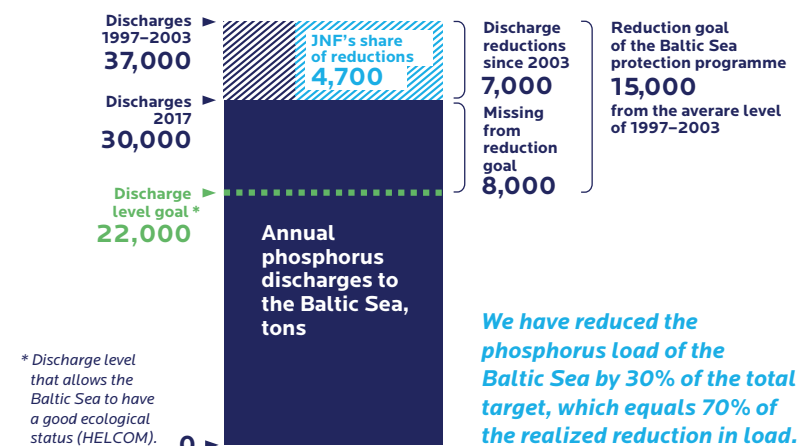
The Foundation's first Clean Baltic Sea project was implemented in 2005–2011 in St. Petersburg. Together with the modernization of St. Petersburg's wastewater system, the Foundation's projects, i.e. improving the efficiency of phosphorus removal from the wastewaters of St. Petersburg and cleaning up 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.

IN 2021, the focus of the Foundation's environmental work will continue to be on eutrophication, i.e. the most severe environmental problem of the Baltic Sea; in addition, the Foundation will seek to identify measures that reduce discharges of harmful substances to the Baltic Sea. At the same time, we monitor other environmental issues that involve the Baltic Sea and the opportunities the Foundation has to impact them in the future. The Foundation is an active societal stakeholder, highlighting the priorities of Baltic Sea protection in the Baltic Marine Environment Protection Commission HELCOM, and in other Finnish and international fora. The Foundation engages in active discussions with environmental administrators and political decision-makers.

In 2021, the Foundation will continue with its current Baltic Sea protection projects and launch new ones with the goal of curbing the nutrient load of the Baltic Sea, and reducing eutrophication as a consequence. The focus will continue to be on curbing external loads. Moreover, the Foundation will identify measures that reduce harmful substances. With industrial point loads, the focus will in 2021 be on discharges from the fertilizer industry: the Foundation will seek to reduce these not only through the **Fertilizer Shipping project**, but also by conducting an **investment survey for the phosphogypsum pile**

Discharge reductions implemented in the Baltic Sea, share of our work 70%



We have reduced the phosphorus load of the Baltic Sea by 30% of the total target, which equals 70% of the realized reduction in load.

Get to know the experiences and thoughts of the Clean Baltic Sea team in the blogs on our website!

in Police, Poland. When seeking to reduce discharges from agriculture in Finland, priorities, in addition to securing continued funding for **gypsum treatment**, include promoting the balanced use of nutrients in livestock production, as implemented via the **Manure Recycling** and **Sustainable Biogas** projects. In the entire Baltic Sea area, the **Gypsum Initiative** project aims at impacting discharges from agriculture. In order to reduce the internal load of the Baltic Sea, the Foundation focuses on recycling nutrients from sea to land via projects such as **Baltic Fish** and **Coastal Reed**, which utilize biomasses on market terms. The results of the **SEABASED** project, published in early 2021, shed light on the feasibility and potential of other measures that could reduce the Sea's internal load in the entire Baltic Sea area.

New projects that reduce nutrient loads are being prepared and the work continues to identify and develop new project themes.

DISCHARGES FROM AGRICULTURE

The majority of the nutrient load that ends up in the Baltic Sea is created as a result of human activity in the catchment area, from where it flows with rivers to the coastal waters. Most of this nutrient load is originally from agriculture. At the same time, as we tackle the root cause and begin the work to dissolve phosphorus reserves, we must take on fast first aid actions that will cut the nutrient load.

River Vantaa Gypsum project

COMPLETED IN 2020

DISCHARGES FROM AGRICULTURE

THE RIVER VANTAA Gypsum project, implemented in 2018–2020, surpassed all its goals: all in all, after treating 3,615 hectares of fields, phosphorus leaching from the River Vantaa catchment area is reduced by 8,500–10,500 kg in 2018–2025. The results confirm that gypsum treatment of fields is a method that can significantly cut the nutrient load from agriculture.

The Vantaanjoki Gypsum Project was implemented by the John Nurminen Foundation, the Water Protection Association of the River Vantaa and the Helsinki Region, the University of Helsinki, and the Finnish Environment Institute. The project was funded by the Foundation's private supporters Euroclear and Yara, the Ministry of the Environment as part of the measures presented in Finland's water and marine resource management plans, and through the Ministry of the Environment's Key Project, "Breakthrough to a circular economy and adoption of clean solutions".

Read the River Vantaa Gypsum project final report here:
johnnurmisenfaatio.fi/en/projects/the-river-vantaa-gypsum-treatment-project/



ILKKA VUORINEN

"The collaboration by the project partners and farmers has been extremely beneficial for the Vantaa River. Gypsum spreading has been proven to be a very efficient water protection measure, and this year the Program for Improved Water Protection expanded the spreading operation to include the fields in the catchment area of the Archipelago Sea. In addition to gypsum treatment, we need cooperation and a wide selection of other measures in order to achieve a good status for the waterways. It is our responsibility to take care of our waterways. Permanent resources for this work must be guaranteed also in the future."

– Krista Mikkonen,
Minister of the Environment and Climate Change



Gypsum Initiative

DISCHARGES FROM AGRICULTURE

THE GYPSUM INITIATIVE PROJECT promotes the deployment of gypsum treatment of fields of the Baltic Sea area. The objective of the two-year project (2020–2021), implemented by the John Nurminen Foundation, the Finnish Environment Institute, and the University of Helsinki, is to increase agricultural cooperation between the coastal countries of the Baltic Sea, and to improve the level of preparedness for large-scale gypsum treatment in these countries. The project is implemented with funding from the Ministry of Foreign Affairs, and it is commissioned by the Ministry of the Environment.

In 2021, the project will continue to cooperate on matters related to gypsum treatment with a network built with water protection stakeholders in the Baltic Sea area. The objective is to disseminate information on gypsum as an agricultural waterway protection measure to the advisors, farmers, and agricultural and environmental authorities of the target countries, to investigate the barriers to gypsum treatment deployment, and to begin planning for a gypsum pilot in one of the coastal states of the Baltic Sea.

johnnurmisenfaatio.fi/en/projects/gypsum-initiative/

Ulkomisteriö
Utrikesministeriet
Ministry for Foreign
Affairs of FinlandYmpäristöministeriö
Miljöministeriet
Ministry of the Environment

Manure Recycling

DISCHARGES FROM AGRICULTURE

THE OBJECTIVE of the **Manure Recycling project** is to improve the regional nutrient balance of food production, and reduce nutrient discharges to the Baltic Sea. This will be implemented by transporting the nutrients in processed manure – phosphorus in particular – from livestock production areas with a nutrient surplus to plant production areas with a nutrient deficit.

In 2020, the **Satakunta manure recycling pilot** was completed as the first phase of the Manure Recycling project; in the pilot, 1,000 kg of phosphorus was transported from Satakunta to the Pirkanmaa fields with a nutrient deficit.

The project will be expanded in 2021 to include more animal farms that provide the nutrients in the manure, and more crop farmers that receive them. The goal is to increase the amount of phosphorus transported with the manure to at least 3 tons. Farms that participate in the project will be chosen on the basis of an open call so that the farms' willingness to participate in the costs is taken into account in the selection. The objective is to find out what kind of procedures and incentives are necessary to be able to move the manure nutrients in a cost-efficient manner from animal production areas to fields where the phosphorus contained in the manure would be needed.

johnnurmisenfaatio.fi/en/projects/manure-recycling-project/

INTERNAL LOAD

The load entering the Baltic Sea from land has been successfully curbed in the past decades, but the nutrients from land that are stored in the seabed, or the so-called internal nutrient load, slow down the Sea's recovery. In anoxic conditions, in particular, the phosphorus retained in the bottom sediment of the sea is dissolved back to the water, feeding the algae. This leads to eutrophication, evident e.g. in the voluminous blue-green algae blooms of summertime. With more abundant algae growth, more and more dead algae mass will fall on the seabed. Oxygen is consumed in the decomposition of dead organic matter, which, in its turn, further accelerates anoxia in the seabed, releasing more phosphorus for the use of the algae.

ILKKA VUORINEN

Coastal Reed project

INTERNAL LOAD

THE OBJECTIVE of the Coastal Reed Project is to recycle the nutrients in reed growths from eutrophicated coastal waters to land. At the same time, the project promotes the sustainable and diverse utilization of the reed mass as a raw material that replaces peat, and protects the versatility of nature in a coastal habitat that is threatened by overgrowth. A reed growth of one hectare can contain 10 kg of phosphorus, 100 kg of nitrogen, and two tons of carbon.

The key bottlenecks that prevent reed mowing are related to harvesting technologies and logistics. The objective of the Coastal Reed Project is to accelerate the utilization and further processing of the reed mass; to boost harvesting entrepreneurship; and to build business models in a way that will allow us to utilize reeds sustainably and in a market-driven manner.

Working together with Metsähallitus, the first phase of the Coastal Reed project kicked off in 2020 at the Norra Fladet pilot site in Kirkkonummi. In 2021, the project will continue to cooperate with Metsähallitus, mowing reed in connection with nature conservation area restoration and management.

The Foundation's input enables the collection of the mowed reed mass, and its utilization in e.g. growing substrate manufacture. The goal is to increase the area that is mowed, and to provide reed mass for more companies for further processing. In order to ensure the overall sustainability of the operation, the project engages in dialogue with key stakeholder groups, such as birdwatchers, recreational fishermen, and nature organizations.



ILKKA VUORINEN

"Growing substrates that replace peat can be manufactured with simple methods from plants that generate a large biomass. For this purpose, the best raw material in terms of its climate impact is a naturally occurring growth, such as the common reed mowed from waterways, as no added nutrients or soil improvement are required for it to grow"

– Kristiina Regina, Research Professor at the Natural Resources Institute Finland.

johnnurmisenfaat.io/en/projects/coastal-reed-project/

Baltic Fish project +

INTERNAL LOAD



MARIE SPARREUS

THE BALTIC FISH PROJECT, launched in 2019, commercializes cyprinid fish stock management in Sweden and Åland by emulating the successful Local Fishing project implemented by the Foundation in Finland.

The Baltic Fish project has moved ahead favourably, and the first products have already entered the market. The goal is to expand the Swedish product selection in 2021. In Åland, too, new products are being developed, and a value chain for cyprinid commercialization is being built. In order to stabilize demand, the visibility of cyprinids is boosted both in Sweden and in Åland.

The partners of the Foundation-led project are Race For the Baltic, Guldhaven Pelagiska, Rädda Lumparn, and Ålands Fiskarförbund. The two-year project is partly financed by the Baltic Sea Action Plan Fund.

johnnurmisen.saatio.fi/en/projects/baltic-fish/

"The five-year journey of the Local Fishing project has taken us from rocking fishing boats to gala dinners with award ceremonies, and from meeting rooms to fish patty buffets. We have reached our goals and learned a lot, but there is still so much more to do for the success story of the cyprinids to continue. I am proud to be able to tell my children at dinner that I really know where our food comes from, that I have met every fisherman, and visited all the traps where the bream for our lunch patties was caught. The everyday work of the fishermen ensures we can enjoy domestic fish at our dinner tables: this is why solutions built for the local fishing value chain should be extended all the way to the grassroots level, so that cyprinids can be found in our stores also in the future!"

– Miina Mäki, Project Manager, Clean Baltic Sea projects; quote from the blog published in connection with the Local Fishing Project final report



SEABASED project +

INTERNAL LOAD

THE SEABASED PROJECT (Seabased Measures in Baltic Sea Nutrient Management), launched in 2018, assessed and identified means with which phosphorus that has already accrued in the Sea could be removed.

In 2019–2020, the project piloted various marine protection measures where further information and more real-life experiences were still needed to facilitate decision-making and steer future operations. The pilots removed nutrients from the sea, and improved water quality locally at the pilot sites. Results from the experiments and information on the feasibility of the measures, related legislation, and, when necessary, risk management, were compiled into guidelines that can be used in Baltic Sea protection in the future.

One of the most significant achievements of the project has indeed been the creation of new information on measures that seek to reduce the internal load of the sea. Measures that reduce the internal load of the sea can be assessed in the most realistic manner when data on their impact and costs is available.

The project, which ended in spring 2021, was led by the John Nurminen Foundation, and project partners were the ELY Centre of Southwest Finland, Åland's government, the Åland Fishfarmers' Association, Stockholm University, and the County Administrative Board of Östergötland. The SEABASED project was partially funded by the EU's Interreg Central Baltic programme.

seabasedmeasures.eu



TARA JAAKKOLA

"Nutrient runoff from the catchment area must be reduced, but at the same time we must find out whether it is possible to deploy internal measures within the sea that would improve the status of the Baltic Sea. It is important that we increase our knowledge with small-scale experiments and pilots, as was done with the SEABASED project."

– Jouni Lehtoranta, Senior Research Scientist at the Finnish Environment Institute and member of the SEABASED Steering Group.



DISCHARGES FROM MUNICIPAL TREATMENT PLANTS AND INDUSTRY

Nutrients end up in the Baltic Sea also from point sources and from industries. Reducing point sources is often the most cost-effective and fastest way to cut the nutrient load in the Baltic Sea. In industry, for example, the production of biogas and the production and transport of fertilizers can end up in the Baltic Sea with nutrients.

The management of municipal wastewater treatment plants in the Baltic Sea region has been significantly improved, but industrial emissions to treatment plants often make treatment more difficult and worsen the treatment result. Also, treating industrial wastewaters at municipal treatment plants can be made more efficient by improving the cooperation and know-how shared by industry, the treatment plants, and the authorities.

BEST project

COMPLETED IN 2020

DISCHARGES FROM MUNICIPAL TREATMENT PLANTS AND INDUSTRY

INDUSTRIAL WASTEWATERS continue to end up at municipal treatment plants in the entire Baltic Sea area: they make treatment results worse, and increase discharges of nutrients and harmful substances to the Baltic Sea. The objective of the **BEST project** (Better Efficiency for Industrial Sewage Treatment), which closed in 2020, was to improve the treatment of industrial wastewaters at municipal treatment plants. Improving the cooperation and know-how of industries, treatment plants, and the authorities was the means with which this objective could be reached.

The BEST project was implemented between 2017 and 2020 by a total of 16 Finnish, Estonian, Latvian, Polish and Russian partner organisations. The project was led by the City of Helsinki, and funded by the EU's Interreg Baltic Sea Region programme.

The Foundation's role in the project was to draw up treatment recommendations for industrial wastewaters, and to support their application. Moreover, the Foundation coordinated and supported the development activities of local water utilities and municipalities, and strove to correct the problems identified in the environmental permit practices of Baltic countries. In September, project results were presented at closing webinars in the Baltic Sea countries, and policy recommendations were published towards the end of the year on the website.



"Only a few days before Christmas I received an email, the reading of which inspired me to let out a spontaneous scream of delight that alerted even my busy remote-working family. The environmental permit practices for heavy industries in northeastern Estonia were changing! This decision will reduce the discharges that pollute the Gulf of Finland in a very tangible manner."

– Marjukka Porvari, Director,
Clean Baltic Sea projects

johnnurmisen-saatio.fi/en/projects/best-project/



Lviv Biogas project

DISCHARGES FROM INDUSTRY

THIS PROJECT will build **more efficient phosphorus removal for the wastewaters of the biogas plant that will be completed in Lviv, Ukraine**. The city is located in the catchment area of the Baltic Sea, and the project will ensure that the phosphorus in the sludge that is used as raw material in biogas production will not end up fuelling the eutrophication of the Baltic Sea. With efficient phosphorus removal, we can prevent an annual phosphorus discharge of 170 tonnes to the waterways.

The construction of the biogas plant is expected to commence during 2021. In 2021, the Foundation will open a call for bids and conclude a consultation contract for preparing the required documents for phosphorus removal investments.

The project is financed by the European Bank for Reconstruction and Development EBRD, the Nordic Environment Finance Corporation NEFCO, and the European energy fund E5P.

johnnurmisenfaat.io.fi/en/projects/biogaz-project-in-lviv/

"Alongside Russia, Finland is the only country in Europe where apatite, a mineral used as raw material for phosphorus fertilizers, can be found. This means that Finland is an important fertilizer manufacturer, and that the majority of our fertilizer exports are transported over the Sea. Finland is, in fact, in a great position to lift its profile as a pioneer of environmental responsibility in marine fertilizer transportation."

– Eeva Tähtikarhu, Project Manager, Clean Baltic Sea projects

Sustainable Biogas project

DISCHARGES FROM INDUSTRY

BIOGAS is a climate-friendly form of energy. It may, however, lead to nutrients entering the waterways if the treatment of digestate generated in production and wastewaters from biogas plants are not carefully planned. The objective of the **Sustainable Biogas project**, launched in March 2020, is to promote the sustainability of biogas production from the perspective of waterway protection. The project develops sustainable practices for biogas plant operations as well as for digestate handling and utilization.

The project began by surveying the current status of nutrient management in biogas production and digestate use. Next, development plans for reducing nutrient discharges from biogas production will be drawn up. The project cooperates closely with stakeholder groups both in current status assessment, and in drawing up suggestions for further development. Best practices and experiences are also investigated on study trips to Sweden and Germany, corona situation allowing.

The John Nurminen Foundation implements the project in cooperation with the ELY Centre for Southwest Finland, the Finnish Biocycle and Biogas Association, Latvia's state environmental services, and the Latvian biogas association. The project is partially funded by EU's Interreg Central Baltic programme.



johnnurmisenfaat.io.fi/en/projects/sustainable-biogaz/

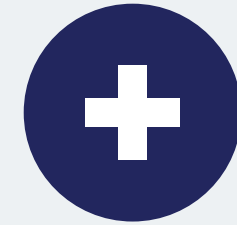
Fertilizer Shipping project

DISCHARGES FROM INDUSTRY

THE GOAL of the **Fertilizer Shipping project** is to prevent nutrient discharges from the marine transport of fertilizers in the entire Baltic Sea area. In 2020, the project investigated the nutrient discharge risks – related to fertilizer loading at harbour, and while washing the holds – as well as the best techniques and practices available to mitigate these risks.

In 2021, the project will continue to cooperate with the key stakeholders of the field (including harbours, harbour operators, shipping companies that transport fertilizers, and fertilizer manufacturers). Restrictions caused by the coronavirus situation allowing, the project intends to bring in the most important fertilizer harbours from other Baltic Sea countries. The target is to collect and disseminate good practices and techniques amongst the stakeholders, thus minimizing the risks of nutrient discharges from fertilizer shipping. Moreover, the project continues to cooperate with Finnish environmental authorities so that environmental permits granted to harbours and permit oversight can take into account nutrient discharge monitoring and prevention in the best way possible.

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



FOLLOW-UP OF IMPLEMENTED PROJECTS

The Foundation monitors continuously the **already completed water utility projects in e.g. Russia and Belarus**, that have received funding from or were implemented by the Foundation.

The Foundation also monitors the grassroots implementation of policy recommendations and guidelines created in various projects. Any breaches in industrial wastewater treatment, as demonstrated by the **BEST project** that ended in 2020, are introduced to EU Commission. Moreover, information collected in the **Local Fishing project** that closed in 2019 is transferred to other stakeholders in order to ensure the availability of cyprinid products also in the future.

MARJUKKA POHJARI



PARTNERS OF THE JOHN NURMINEN FOUNDATION 2020–2021



Ab Rani Plast Oy, Algol Oy, Archipelago Sea Jazz, Arkkitehtitoimisto Virkkunen Oy, Asianajotoimisto Roihu Oy, Aventure Partners Oy, Aventure Partners Oy, BE WTR Oy, BMH Technology, Botnia Print Oy Ab, Cerion Solutions Oy, CF Rannikko Oy, Colossal Order Oy, DHL Freight (Finland) Oy, Digia Oyj, Diveice Sukelluskeskus Oy, Ele opiskelijasuuskunta, Emmaus Helsinki ry, Esbo Marthaförening rf, FremantleMedia Finland Oy, Golden Oriol Oy Ab, Helsingin juhlaviikot, Helsingin Matkailusäätiö, Helsinki International Horse Show, Hotel Rantapuisto, HyXo Oy, Hämeen Partioipiiri ry, Inasis Oy, JoyActor, Kind Optical Oy, KL-Lämpö Oy, Kovanen Capital Oy, Labnet Oy, Meriaura Oy, Népra Oy, NextUp Oy, Ocean Ladies, Osmia Oy, Oy Intiakeskus/India Centre Ab, Oy NRI Associates Ltd, Oy Nylund-Group Ab, Plc Uutechnic Group Oyj, Porin Satama Oy, Porvoon seurakuntayhtymä, Premium Coffee Oy, Pyhän Henrikin Apteekki, Recognis Oy, RENium Advisors Oy, Rightware Oy, Run Fest, Safety Reflector Finland Oy, Salesforce, SHg Consulting Oy, Skipperi, Suomen Palautuspakkaus Oy, Suomen Uimaopetus- ja Hengenpelastusliitto ry, Suomenlinnan matkailuexpert Oy, Suomenlinnan Pursiseura / Viaporin Tuoppi, Superson Oy, Tapaturmavakuutuskeskus TVK, Ticketmaster Suomi, Tiede-lehti, Tiede Luonto -lehti, T-Media Oy, Tuike Finland Oy, Tuoriniemi Dream Oy, Vaasan yliopisto, VG-Shipping Oy.

♥ **We thank everyone** who has made a donation to us, or contributed with pro bono work and services – with your help, our work continues.

Via the #OURSEA campaign and the Foundation's Clean Sea donation platform, our work was supported by an increasing number of one-off donors. With the monthly donation option, launched in June, many regular donors joined the work to save the Baltic Sea and its heritage with support throughout the year.

CORPORATE COOPERATION IN 2020

THE FOUNDATION'S **main partners** in 2020 were Supercell, Moomin Characters, Sanoma, Orion, Yara, Kotimaan Energia, Fortum, and the Greta Maria Lindblom Foundation. Moreover, Ålandsbanken became our latest new main partner. Through the #OURSEA campaign, implemented with Moomin Characters, our work was supported by close to one hundred companies. After our successful, high-visibility cooperation campaigns, we also received significant main partner level donations from Lidl and Tokmanni.

The Foundation's **key partners** in 2020 were e.g. Visma, HalpaHalli, Climecon, Dermoshop, Oy Julius Tallberg Ab, Partioaitta, Metso, Cubus, Viking Line, Kiilto, Kuusakoski Group, Golden Oriol, and Lapuan Kankurit. Pro bono donations were received from for example Lakiasiaintoimisto Roschier (legal

counselling), Sanoma Media Finland (media space donations), Hopkins (digital development), and Amos Law Office (wills).

During the operational year, the Foundation was for the third time selected as the recipient of Partioaitta's Environmental Bonus (for year 2021). Our partners brought us great visibility on various fora, such as the most important pharmaceutical industry events in Finland with Orion, and in dødsing events with Døds Challenge Helsinki.

The Foundation's partners were also active participants in Baltic Sea Day: Sponda, for example, donated large scale visibility in its shopping malls; Wärtsilä implemented the Project Aware diving and cleaning event; and the water sports centre Laguuni organised a rally for breaking the world record in beach cleaning.

♥ Join the Baltic Sea rescue team!

Saving the Baltic Sea and its cultural heritage is an always relevant way for companies to do environmental work and implement corporate responsibility. By becoming a John Nurminen Foundation supporter, your company or community joins us in our tangible and impactful work to protect the Baltic Sea and to ensure that the heritage of the sea is passed on to future generations.

Through our cooperation you will receive information on the Baltic Sea, our measures to improve its status, and summaries of the fascinating stories of the Baltic Sea, and also meet people who share the same values.



Let's save **#OURSEA**
together!

”

THE #OURSEA CAMPAIGN, created by Moomin Characters and the John Nurminen Foundation, disseminated information on the various ways we have to help the Baltic Sea, and collected funds that support the John Nurminen Foundation's work for protecting the Baltic Sea and its heritage. The campaign, which started in early 2020, was closed in the summer of 2021.

With the funds accrued through the campaign, the John Nurminen Foundation has launched new projects, solved complex issues faced by the Baltic Sea, and expanded its current operations. Donations have supported e.g. the Fertilizer Shipping project, the Sea of Memories project, the Manure Recycling project, and the Coastal Reed project.

oursea.fi
#MEIDÄNMERI #VÄRTHAV #OURSEA

“FOR TOVE JANSSON, *the Baltic Sea was an important symbol of liberty and security, and also the inspiration for many Moomin stories. We wanted to do our share for cleaning up the Sea, and this is how the #OURSEA campaign was born, right in time for the Moomins' 75th anniversary. We chose the John Nurminen Foundation as the recipient of our donations, as the Foundation is an internationally renowned marine protection pioneer with a proven track record in their highly important task of cleaning up the Baltic Sea. The Foundation was the best possible partner for the implementation of a project of this scope.*

– Roleff Kråkström, CEO,
Moomin Characters Oy Ltd



KOTIMAAN ENERGIA

“WITH THE GREEN CHOICE SERVICE from *Kotimaan Energia*, a customer's energy contract will feature renewable electricity from hydro, wind, and solar power. The Green Choice also comes with annual support from *Kotimaan Energia* to the Foundation. With the support accrued last year, more than 1.7 million kg of blue-green algae can be reduced from the Baltic Sea. Our customers think highly of this partnership that protects our beloved Baltic Sea.”

– Antti Niemelä, Business Manager, Kotimaan Energia

CLIMECON

“THE GULF OF FINLAND and the Baltic Sea have been my ‘playground and wonderworld’ ever since I was a child. I believe that every sailor and all who move around on the waters want to do their best to improve the status of the Baltic Sea. I can do this with my own actions when I’m on the sea, and through my company, Climecon, by supporting the John Nurminen Foundation and their long-term operations to protect the Baltic Sea. Nowadays I also have a better understanding of the significance of coastal waters as carbon sinks of the globe, and this alone is a reason to take action and do what is best for these shallow and sensitive coastal waters.”

– **Tommi Uksila**, CEO, Climecon Oy

HalpaHalli

“KOKKOLAN HALPAHALLI OY became a partner of the John Nurminen Foundation in order to support the valuable work the Foundation does for the Baltic Sea. The Baltic Sea can be saved for future generations only through tangible measures. HalpaHalli has always emphasized corporate responsibility and environmental values. The wellbeing of the Baltic Sea is important to me also on a personal level. With my family, we go boating on the Baltic Sea, and spend summers at our cottage on the historical lighthouse island of Tankar.

– **Janne Ylinen**, Chief Executive Officer, Kokkolan HalpaHalli Oy

TOKMANNI

“TOGETHER with the John Nurminen Foundation, we were able to provide a smart way to take care of the Baltic Sea, both for ourselves and for our customers. The cooperation, entitled ‘Pisara – Protecting the Baltic Sea’, made the status and protection of the Baltic Sea visible at Tokmanni stores, and provided a tangible way to participate in Baltic Sea protection. In its 2020 summer campaign, Tokmanni donated 5 cents for each product sold under the Pisara brand to Baltic Sea protection, reaching the incredible total sum of €53,000 donated to the Foundation. We would like to thank our customers for purchasing Pisara products, and for joining us in supporting the important work of Baltic Sea protection.”

– **Emilia Koski**, Head of Corporate Responsibility, Tokmanni

ORION

“BALTIC SEA PROTECTION was a natural target for us, as we have operations in all countries that surround the Sea. We decided to continue our cooperation with the John Nurminen Foundation as one of their main supporters also in 2021, as we want to provide long-term support for the Foundation’s operations.

– **Timo Lappalainen**, CEO, Orion

FINANCING THE FOUNDATION’S OPERATIONS IN 2020

FUNDRAISING INCOME totalled at €3,732,261. As general donations, €2,032,438 was donated to the entire work of the foundation. In addition, donations to Clean Baltic Sea projects amounted to €1,644,340 (€1,743,142 in 2019) and to marine culture to €21,636 (€175,000 in 2019). The River Vantaa Gypsum project received donations and grants totalling at €111,051 (€290,722 in 2019). Sanoma Corporation made a donation of media space, worth a total of €150,000. In 2020, fundraising expenses were €573,720 (€539,929 in 2019). 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 €1,458,718 (€62,481 in 2019).

At the end of the 2020 accounting period, the balance sheet of the Foundation showed a balance of €14,973,513 (€12,468,444 in 2019). Equity totalled at €14,554,327 (€12,175,246 in 2019).

Financing and expenses of the Foundation’s Marine Culture operations

Income from the Foundation’s book sales was €90,203 (€113,728 in 2019). Donations to marine culture were made in the amount of €21,636 (€175,000 in 2019), and €70,482 was received in grants (€0 in 2019).

Marine culture expenses amounted to €489,352

(€395,332 in 2019). Expenses of culture operations comprise the expenses of publishing operations, i.e. €176,981 (€177,380 in 2019), and the expenses of digital and physical exhibitions, of which the expenses of the Sea of Memories exhibition amounted to €94,556. Publishing expenses include e.g. marketing and storage expenses, and the production costs of new books. Production expenses consist of e.g. fees for image rights, payments to authors, and printing expenses. Collection expenses were €71,913 (€62,823 in 2019).

In the Balance Sheet, the value of the Foundation’s collections was €735,897 (€725,007 in 2019).

Financing and expenses of the Clean Baltic Sea projects

Donations made to 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 2020, the Fund’s capital was €4,677,401 (€3,559,082 in 2019). Surplus for the accounting period from the Clean Baltic Sea projects totalled at €496,729 (€485,885 in 2019). €1,118,319 was transferred to the Fund (€37,509 in 2019).

Total income of the Foundation’s Clean Baltic Sea projects totalled at €2,271,586 (€2,396,385 in 2019). In 2020, the Foundation received public funding in the amount of €573,577 (€653,243 in 2019), consisting of



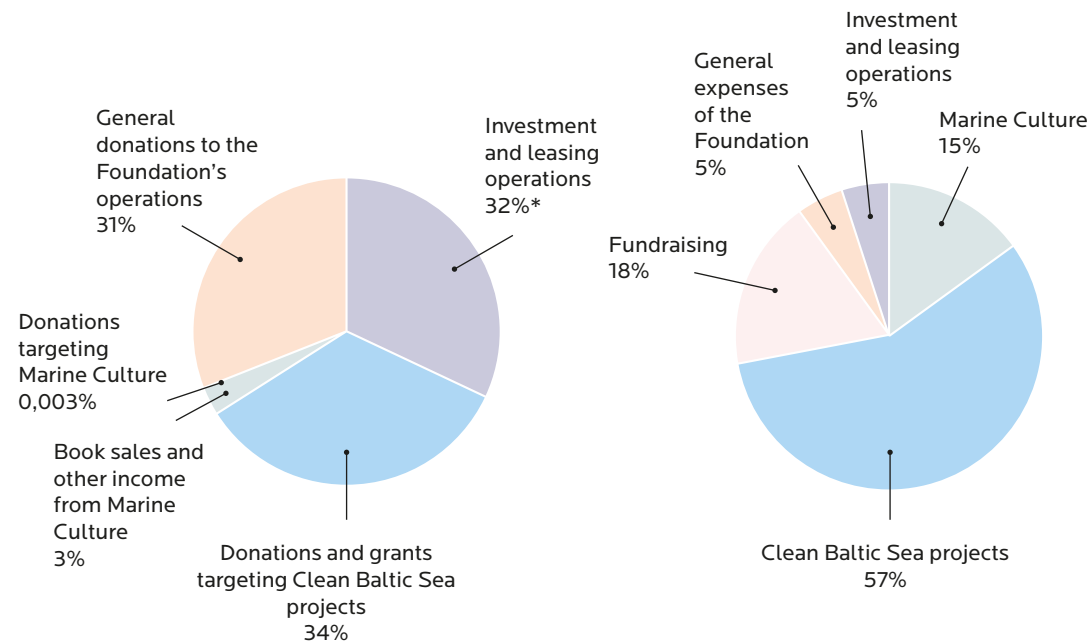


IMAGE 1. DIVISION OF INCOME FOR THE JOHN NURMINEN FOUNDATION IN 2020.

The Foundation finances its operations with donations, grants, public funding, and income from leasing and investment operations. In 2020, income from investment operations was exceptionally good due to stock sales completed after changes in asset management. Income was also accrued from book and product sales, and from e.g. ticket sales to events. With general donations, the Foundation can ensure the continuity of its operations, including the creation of marine cultural content.

* In 2020, income from investment operations was exceptionally good due to stock sales completed after changes in asset management.

IMAGE 2. DIVISION OF THE EXPENSES OF THE JOHN NURMINEN FOUNDATION IN 2020.

The figure shows how the expenses of the John Nurminen Foundation are split. The majority of the Foundation's activities consist of Baltic Sea protection. In 2020, 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. The expenses of the Clean Baltic Sea projects in 2020 were €1,774,857 (€1,910,500 in 2019). Project expenses include salaries of the Foundation's own experts and communications staff, travel expenses, expert services, and project investments. An amount that corresponds to their share of fundraising expenses has been deducted from donations to the Clean Baltic Sea projects. N.B. the expenses of the Foundation's investment and leasing operations are covered by investment income, not donations. Some of the Foundation's projects are EU-funded, or otherwise publicly funded.

funding allotments from the EU, and support to the River Vantaa Gypsum project granted by the Ministry of the Environment.

In 2020, the Foundation received a significant will donation. At the time the financial statement was drawn up, the estate was still undivided. Of the donation that will be received in accordance with the will, an income of €689,236 is entered for the Clean Baltic Sea projects in 2020. The will donation includes an apartment in the centre of Mikkeli, and a farm called Pajulahti in Vironlahti, including its grounds, forests, tractors, and movables. In accordance with the wishes of the donor, the donation is targeted to Baltic Sea protection, and entered to the Clean Sea II fund.

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. In the autumn of 2020, the Foundation invited offers for asset management services. Offers were requested from eQ, Evli, Taaleri, and Ålandsbanken. Based on the bids received, a three-year discretionary asset management agreement was signed with Evli. EQ's real estate fund investments can be redeemed at the end of June 2021. Other investments were redeemed at year end with funds transferred to Evli. In 2020, income from investment operations was exceptionally good due to stock sales completed after changes in asset management. After expenses, income from investments was €1,900,284 (€220,042 in 2019). In 2020, the Foundation switched to recognising its investment portfolio at purchase cost or at lower market value instead of the current value used earlier.

In 2020 (31 Dec 2020), the value of the Foundation's investments was €11,275,680 (€10,064,142 in 2019). 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 €621 590 (€91,553 in 2019).

Facility leasing

The John Nurminen Foundation owns 12.90% of the stocks of Kiinteistö Oy Pasilankatu 2 in Länsi-Pasila. The Huolintatalo building also houses the Foundation's premises and collections. Facilities not used by the Foundation have been leased out. At the end of 2020, 232.4 m² of the Foundation's premises were unleased, and two lessees additionally terminated their leases. Rental income in 2020 remained essentially unchanged, but the situation can deteriorate in 2021. Rental income was €154,804 (€159,525 in 2019), and the result of the Foundation's leasing operations in 2020 amounted to €73,721 (€68,510 in 2019).

General expenses of the John Nurminen Foundation

General expenses of the Foundation were, in total, €145,837 (€163,717 in 2019), consisting of personnel expenses in the amount of €126,062 (€113,084 in 2019), and other expenses amounting to €19,775 (€50,633 in 2019). Fees and expenses of the Board and management, 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 transactions can be found on page 66 of the Financial Statement.

The Foundation has moved to new premises within the Huolintatalo building to better provide for the Foundation's needs and growing operations. The new premises are leased from JN Uljas Oy. After the move, the old premises continue to belong to the Foundation, and the Foundation has additionally bought the premises that were leased out by Juha Nurminen. In the same transaction, the Foundation sold a separate office space to Juha Nurminen. The transaction was completed in December 2020. The Foundation's premises are on the fourth floor of the Huolintatalo building in Länsi-Pasila. The Foundation paid Juha Nurminen €6,855 in rent for the premises (€27,237 in 2019). The Foundation paid service charges and storage rents in the amount of €127,272 (€150,221 in 2019) 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. The Foundation's premises are leased. The Foundation's mail and delivery services, €9,342 in 2020 (€7,131 in 2019), have been partly outsourced to JN Uljas Oy. Moreover, Uljas was paid €59,849 (€6,355 in 2019) as rent for parking spaces, the office on the first floor of Huolintatalo, and the new premises.

Fees of management and the Board of Directors

In 2020, the Secretary General and the members of the Board of Directors of the Foundation received salaries and fees in the amount of €152,144 (€155,021 in 2020). 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, and impact of the corona pandemic on the Foundation's operations

In spite of the corona pandemic, the Foundation was successful in moving ahead with its ongoing projects, and planning and launching new activities. In some cases, the plans had to be modified. Fundraising was a great success, and the Foundation surpassed the results budgeted for 2020. The exceptional character of the year was evident in the organization of live events. Due to the corona pandemic, several fully planned and impressive #OURSEA cooperation events, such as the events at Messukeskus and the Skolmusiken festival, had to be cancelled. Income from the box collections that were planned to take place alongside the events did not reach set targets. The Foundation's traditional main event for the autumn, i.e. the Helsinki Book Fair, took place only online. The Foundation did not organise the Club Itämeri stakeholder event, which has been a tradition since 2010. In spite of the challenges of the corona pandemic, the total results for both the #OURSEA campaign and fundraising in general were at an excellent level. Together with Moomin Characters, we decided to continue the campaign until the end of July 2021.

As the pandemic took hold, the Foundation's staff switched to mostly remote work from March onwards. Various preparatory plans were worked on, the financial impact of the pandemic was assessed, and the continuation of the Foundation's work was secured. In spite of the challenges, the Foundation's staff was doing very well, and various measures were implemented to help coping with remote work, and wellbeing on the longer term. The staff was rewarded for the great results with an extra day off at Christmas.

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 2020, 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 long run. The impact that the pandemic has on the finances of the Foundation will in all likelihood be evident in decreasing leasing income for 2021. In 2021, all the premises of the Foundation will not yet be able to deliver full rental income. This is due to changes in the need companies have for premises, and increasing competition for commercial leases in the Pasila area, where new office spaces have been completed.

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 the future, the Foundation will focus in particular on digital and virtual content distribution methods. Items for sale, such as books, stationery, and salt soap, will become the responsibility of the affiliate

Baltic Sea Services Oy, established by the Foundation at the end of 2020. Baltic Sea Services Oy will focus on selling ecologically sustainable fan merchandise, and developing service and development business operations that support the work of the Foundation.

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 the coming years is to use this seed capital to create a sustainable basis for the company's business operations. In its December meeting, the Board approved the decision to establish Baltic Sea Services Oy, and to have the Foundation invest €100,000 in the stocks of the company. A challenge for the coming years is to use this seed capital to create a sustainable basis for the company's business operations.

Administration and organisation of the Foundation

The Foundation's operations are led by the CEO, and the Board of Directors is responsible for the 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. In June 2020, **Annamari Arrakoski-Engardt**, Ph.D., was appointed as CEO after having previously held the position of Secretary General.

In the Annual Meeting of the Foundation's Board of Directors in March 2021, **Tommi Juusela** was appointed vice-chair of the Board. **Hannu Syrjänen**, a long-term vice-chair of the Foundation, continues as a member of the Board.

In 2020, the Board convened seven times; two of the meetings were conducted via email.

In 2019, the Board decided to begin preparations for establishing a company for the purpose of e.g. product sales for the Foundation and publishing operations. Preparations for setting up the company continued in 2020. In its December meeting, the Board approved the decision to establish Baltic Sea Services Oy, and to have the Foundation invest €100,000 in the



ILKKA VUORINEN

Board of Directors in 2020: Eeva Ahdekivi, DBA; Jukka Anteroine, Dr. Mil. Sc., Commodore; Tommi Juusela, Master of Laws, LL.M. (Columbia University); Juho Lipsanen, M.Sc. (Econ.); Juha Nurminen, chair (M.Sc. (Econ.), Maritime Counsellor); Markku Ollikainen, Professor; Marja-Leena Rinkineva, LL.M., M. Soc. Sc., eMBA; and Hannu Syrjänen, vice-chair, M. Sc. (Econ.).

stocks of the company. This investment was paid in January 2021. No donations were used to finance the purchase of the stocks. **Tommi Juusela** was appointed Chairman of the Board of the new company, while **Eeva Ahdekivi**, **Annamari Arrakoski-Engardt**, **Hannu Syrjänen**, and a board member, an expert in sales and marketing who will be appointed later, comprise the rest of the Board. The company will begin operations in early 2021.

In the Board of Yhteinen perintö Oy, owned jointly by the Finnish Museums Association and

the John Nurminen Foundation, the Foundation is represented by Board member **Juho Lipsanen**, and the Foundation's CEO **Annamari Arrakoski-Engardt**. Other members include **Hanno Nevanlinna** from Futurice, **Kimmo Levä**, Managing Director of FMA Creations Oy, **Tom Selänniemi**, Director of Nature Centre Haltia, and **Jonna Tamminen**, Director of the Oulu Museum and Science Centre Luuppi. **Kimmo Levä** is the Chairman of the Board.

ORGANISATION OF THE JOHN NURMINEN FOUNDATION 2021

BOARD

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

MANAGEMENT

Annamari Arrakoski-Engardt,
CEO

COMMUNICATIONS

Elina Lehtinen,
Communications Director
Kirsi Kurki-Miettinen,
Communications Specialist
Oona Piironen,
Communications Specialist

FUNDRAISING

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

ADMINISTRATION

Minna Jämsen,
Executive Assistant to the CEO
and Administration
Anni Kujala,
Coordinator, Administration and
Service Development

MARITIME CULTURE

Maria Erkheikki,
Manager, Publications and Collections
(on parental leave)
Hanna Ojamo,
Cultural producer
(deputy for parental leave)

CLEAN BALTIC SEA PROJECTS

Marjukka Porvari, Project Director
Elena Kaskelainen, Project Manager
Miina Mäki, Project Manager
Henri Nikkonen, Project Manager
Anna Saarentaus, Project Manager
Maija Salmiovirta, Project Manager
Eeva Tähtikarhu, Project Manager

The Foundation's Clean Baltic Sea Advisory Group promotes cooperation and disseminates information. 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 Nystén** (NEFCO), **Liisa Pietola** (Central Union of Agricultural Producers and Forest Owners), **Helena Tuuri** (Ministry for Foreign Affairs), and **Liisa Rohweder** (WWF). The chair of the Advisory Group is **Kaisa Olkkonen**, member of the John Nurminen Foundation's Board of Directors. Other Foundation representatives are **Annamari Arrakoski-Engardt**, CEO, and **Juha Nurminen**, Chairman of the Board.

THE JOHN NURMINEN FOUNDATION'S FINANCIAL STATEMENT 2020

John Nurminen Foundation, Business ID 0895353-5 Helsinki

PROFIT AND LOSS STATEMENT

Ordinary operations	2020	2019
MARINE CULTURE		
<i>Income</i>		
Book sales	90,203.29	113,728.23
Donations directed to marine culture	21,636.39	175,000.00
Received donations	70,482.51	0.00
Income from collections	4,706.63	1,550.29
Other income	176.06	3,651.76
Total income	187,204.88	293,930.28
<i>Expenses</i>		
Personnel expenses	-151,548.41	-141,349.62
Depreciation	-597.60	-1,642.08
Other expenses	-311,801.46	-257,677.58
Change in stocks	-25,404.94	5,337.36
Expenses, total	-489,352.41	-395,331.92
Marine culture, total	-302,147.53	-101,401.64
CLEAN BALTIC SEA PROJECTS		
<i>Income</i>		
Donations directed to projects	1,644,340.15	1,743,142.33
Income from projects	53,669.09	0.00
Received donations	573,576.73	653,242.93
Total income	2,271,585.97	2,396,385.26
<i>Expenses</i>		
Personnel expenses	-734,785.68	-638,430.21
Depreciation	-2,390.40	-233.88
Other expenses	-1,037,680.83	-1,271,836.01
Expenses, total	-1,774,856.91	-1,910,500.10
Clean Baltic Sea projects, total	496,729.06	485,885.16

	2020	2019
GENERAL EXPENSES		
<i>Expenses</i>		
Personnel expenses	-126,062.28	-113,084.12
Other expenses	-19,774.69	-50,633.13
	-145,836.97	-163,717.25
General expenses, total	-145,836.97	-163,717.25
Income/deficit from ordinary operations	48,744.56	220,766.27
FUNDRAISING		
<i>Income</i>		
Received donations	3,732,260.59	2,520,553.04
Targeted donations	-1,699,822.66	-1,918,142.33
Total income	2,032,437.93	602,410.71
<i>Expenses</i>		
Personnel expenses	-209,390.29	-202,040.40
Other expenses	-364,329.83	-337,888.90
Expenses, total	-573,720.12	-539,929.30
Fundraising, total	1,458,717.81	62,481.41

	2020	2019
INVESTMENT AND FINANCING OPERATIONS		
Investments		
Income		
Dividend income	0.00	114,074.12
Income from fund shares	142,370.66	9,903.66
Profit from sales	1,811,223.85	112,996.48
Total income	1,953,594.51	236,974.26
Expenses		
Other expenses	-53,310.63	-16,931.86
Expenses, total	-53,310.63	-16,931.86
Investments, total	1,900,283.88	220,042.40
Facility leasing		
Rental income	154,804.28	159,525.35
Profit from sales	14,652.09	0.00
Service charges	-95,735.04	-91,015.40
Total income	73,721.33	68,509.95
Facility leasing, total	73,721.33	68,509.95
Investment and financing operations, total	1,974,005.21	288,552.35
Income before appropriations and taxes	3,481,467.58	571,800.03
Fund transfers	-1,118,318.96	-37,508.96
Surplus (deficit) for the accounting period	2,363,148.62	534,291.07

BALANCE SHEET

Assets	2020	2019
NON-CURRENT ASSETS		
Tangible assets		
Machinery and equipment	8,964.04	5,628.04
Other tangible assets		
Works of art	218,893.91	218,893.91
Maps, books and items	517,002.69	506,112.69
Other tangible assets, total	735,896.60	725,006.60
Tangible assets, total	744,860.64	730,634.64
Investments	11,275,680.41	10,064,142.43
NON-CURRENT ASSETS, TOTAL	12,020,541.05	10,794,777.07
CURRENT ASSETS		
Inventories		
Unfinished books	40,052.25	15,440.12
Books	82,582.14	132,599.21
	122,634.39	148,039.33
Debtors		
Short-term		
Sales receivables	108,053.13	131,202.88
Other debtors	1,322,872.05	707,935.19
Prepayments and accrued income	395,200.48	411,398.83
	1,826,125.66	1,250,536.90
Cash in hand and at banks	1,004,211.76	275,090.68
CURRENT ASSETS, TOTAL	2,952,971.81	1,673,666.91
Assets, total	14,973,512.86	12,468,443.98

BALANCE SHEET

Liabilities	2020	2019
CAPITAL AND RESERVES		
Basic capital	142,168.69	142,168.69
Current Value Fund	0.00	1,102,387.06
Clean Sea Fund II	4,677,400.51	3,559,081.55
	4,819,569.20	4,803,637.30
Retained surplus (deficit) from previous financial periods	7,371,609.18	6,837,318.11
Surplus (deficit) for the accounting period	2,363,148.62	534,291.07
	9,734,757.80	7,371,609.18
CAPITAL AND RESERVES, TOTAL	14,554,327.00	12,175,246.48
CREDITORS		
Short-term		
Advances received	63,730.28	65,490.16
Trade creditors	94,821.46	31,869.46
Other creditors	68,759.98	27,303.26
Accruals and deferred income	191,874.14	168,534.62
Short-term, total	419,185.86	293,197.50
CREDITORS, TOTAL	419,185.86	293,197.50
Liabilities, total	14,973,512.86	12,468,443.98

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

Departing from earlier accounting periods, all investments are recognised at purchase cost or market value, if lower.

In 2019, the Foundation's investments in funds and stocks, with the exception of housing company shares, have been recognised at current value in line with Section 5, Chapter 2a of the Accounting Act. In such cases, change in current value has been recognised in the Current Value Fund, included in capital and reserves.

The 2019 comparison data in the Financial Statement for 2020 have not been changed in accordance with the new practice.

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.

In 2020, the Foundation received a significant will donation from Marjatta Keipi. At the time of drawing up the financial statement, the estate was still undivided. Of the donation that will be received in accordance with the will, an income of €689,236.84 is entered for the Clean Baltic Sea projects in 2020.

The will has been recognised in adherence to the prudence principle.

Appendices for reporting entities that are part of the Group

On 18 December 2020, a subsidiary of the Foundation, Baltic Sea Services Oy, was established with a share capital of €100,000. The share capital was paid in January 2021. The company had no business transactions in 2020.

Consolidated annual accounts have not been drawn up in accordance with section 5, chapter 4.2 of the Foundations Act. The view of the Board of Directors of the Foundation is that consolidation is not necessary for giving correct and sufficient information on the Foundation's operations and financial status.

Subsidiaries and associates

	Share of ownership	Own capital 31 Dec 2020	Financial result in 2020
Baltic Sea Service Oy	100%	100,000.00	no operations in 2020
Yhteinen Perintö Oy	49%	70,388.34	-29,611.66

Yhteinen Perintö Oy was established on 30 Jan 2020, and the company's first accounting period ended on 31 Dec 2020.

Notes on personnel

	2020	2019
Average number of employees (excluding fee recipients)	19	17
Salaries	1,010,327.49	881,112.21
Fees	31,484.39	46,622.58
Pension expenses	156,296.69	152,588.95
Other personnel expenses	23,678.09	14,580.61
	1,221,786.66	1,094,904.35

The Foundation's business activities

	2020	2019
The Foundation's book sales are taxable business activities. In 2020, the Gypsum Initiative project also fell under taxable business operations.		
<i>Income</i>		
Book sales	88,719.47	113,728.23
Sales of services	53,669.09	0.00
Received donations	20,254.20	50,000.00
Royalties	1,483.82	1,512.24
Total income	164,126.58	165,240.47
<i>Expenses</i>		
Personnel expenses	-45,177.67	-42,159.07
Consultancy fees and other project costs	-22,952.98	0.00
Book production expenses	-71,878.18	-90,802.50
Marketing and distribution expenses	-39,534.44	-49,732.57
Change in stocks	-24,807.04	5,313.95
Expenses, total	-204,350.31	-177,380.19
Result from business activities	-40,223.73	-12,139.72

Investment and financing operations

	2020	2019
Investments		
<i>Income</i>		
Dividend income	0.00	114,074.12
Income from fund shares	142,370.66	9,903.66
Profit from sales	1,811,223.85	112,996.48
Total income	1,953,594.51	236,974.26
<i>Expenses</i>		
Sales loss	-39,809.94	-16,931.86
Depreciation	-13,500.69	0.00
Expenses, total	-53,310.63	-16,931.86
Facility leasing		
Rental income	154,804.28	159,525.35
Profit from sales	14,652.09	0.00
Service charges	-95,735.04	-91,015.40
Facility leasing, total	73,721.33	68,509.95
Investment and financing operations, total	1,974,005.21	288,552.35

Clean Baltic Sea projects

	2020	2019
<i>Income</i>		
Received donations	1,644,340.15	1,743,142.33
Income from projects	53,669.09	0.00
Received donations	573,576.73	653,242.93
Total	2,271,585.97	2,396,385.26
Investment portfolio interest to the Fund	621,589.90	91,553.10
<i>Expenses</i>		
Personnel expenses	-734,785.68	-840,470.61
Depreciation	-2,390.40	-233.88
Equipment and chemical purchases	-38,406.22	-100,000.00
Consultancy fees	-70,580.75	-70,138.90
Marketing expenses	-390,566.54	-259,217.71
Travel and meeting expenses	-17,559.89	-72,023.10
Other expenses	-520,567.43	-1,108,345.20
Expenses, total	-1,774,856.91	-2,450,429.40
Clean Baltic Sea, total	1,118,318.96	37,508.96
Fund transfer	1,118,318.96	-37,508.96
Clean Baltic Sea, total	0.00	0.00

NOTES TO THE BALANCE SHEET

	2020	2019
Tangible assets		
Machinery and equipment		
Office machinery and equipment		
Purchase cost 1 Jan	5,628.04	7,504.00
Additions	6,324.00	0.00
Depreciation for the accounting period	-2,988.00	-1,875.96
Book value 31 Dec	8,964.04	5,628.04
Machinery and equipment, total	8,964.04	5,628.04
Other tangible assets		
Works of art		
Purchase cost 1 Jan	218,893.91	218,893.91
Book value 31 Dec	218,893.91	218,893.91
Maps		
Purchase cost 1 Jan	287,210.07	287,210.07
Additions	10,890.00	0.00
Book value 31 Dec	298,100.07	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	735,896.60	725,006.60
Tangible assets, total	744,860.64	730,634.64
Investments		
Participating interests		
Yhteinen Perintö Oy, 49% of shares		
Book value 1 Jan	0.00	0.00
Book value 31 Dec	50,000.00	0.00

	2020	2019
Listed shares and other financing instruments		
Purchase cost 31 Dec	9,307,414.12	8,029,277.52
Book value 31 Dec	9,293,913.40	9,131,664.58
Market value 31 December	9,379,306.34	9,131,664.58
Difference	71,892.22	1,102,387.06
Other debtors		
Balance of EVLI customer asset account	225,184.51	0.00
Balance of EQ customer asset account	610,463.49	0.00
Total	835,648.00	0.00
Other shares and similar rights of ownership		
Kiinteistö Oy Pasilankatu 2, 12.90% of shares		
Book value 1 Jan	932,477.85	932,477.85
Additions	194,814.07	0.00
Reductions	-31,172.91	0.00
Book value 31 Dec	1,096,119.01	932,477.85
Investments, total	11,275,680.41	10,064,142.43
Equity/Capital and reserves		
Basic capital	142,168.69	142,168.69
Current Value Fund 1 Jan	1,102,387.06	-320,857.22
Change in Current Value Fund	-1,102,387.06	1,423,244.28
Current Value Fund 31 Dec	0.00	1,102,387.06
Other dedicated funds		
Clean Sea II Fund		
capital 1 Jan	3,559,081.55	3,521,572.59
received donations	1,644,340.15	1,743,142.33
other income	53,669.09	0.00
received donations	573,576.73	653,242.93
investment portfolio interest to the Fund	621,589.90	91,553.10
used in line with the bylaws to promote a clean sea	-1,774,856.91	-2,450,429.40
capital 31 Dec	4,677,400.51	3,559,081.55
Retained surplus (deficit) from previous financial periods		
Earnings from previous accounting periods, 1 Jan	7,371,609.18	6,837,318.11
Earnings from previous accounting periods, 31 Dec	7,371,609.18	6,837,318.11
Surplus (deficit) for the accounting period	2,363,148.62	534,291.07
Capital and reserves, total	14,554,327.00	12,175,246.48

The Foundation has one fund, the Clean Baltic Sea II Fund, that 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 accountant; 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 2020	Salaries and fees	Purchased goods and services	Sold goods and services
Members of the Board of Directors and the Foundation's management	152,143.55	387,897.66	49,697.19
Auditor	0.00	28,182.00	0.00
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

Related party transactions based on agreement, by type	2020	2019
Purchased goods and services		
Rents for facilities	59,848.58	33,592.45
Apartment sales	190,994.19	0.00
Service charges and rents for facilities' storage rooms	127,272.45	150,220.80
Purchased services	9,782.44	7,131.16
Total	387,897.66	190,944.41
Business transactions: sales to related parties		
Rents for facilities	2,880.84	9,750.08
Apartment sales	45,825.00	0.00
Book sales to companies of related parties	991.35	794.27
Total	49,697.19	10,544.35
Contingent liabilities	2020	2019
Leasing and rental liabilities excluded from the balance sheet		
Payable in the next financial period	36,333.12	22,550.22
Payable later	7,245.96	20,265.22
Total	43,579.08	42,815.44

Signatures of the Annual Report and Financial Statements

Helsinki, 4 March 2021

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
CEO

A report of the audit has been submitted today.

Helsinki, . 2021

Oy Tuokko Ltd
Firm of Authorised Public Accountants

Terhi Latvala
AUTHORISED PUBLIC ACCOUNTANT

The Annual Report and Financial Statements have been signed digitally.



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, 2020. The financial statements comprise the balance sheet, income statement and notes.

In our opinion, the financial statements that show a surplus of 2.363.148,62 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 and the Managing Director for the Financial Statements

The Board of Directors and the Managing Director are 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 and the Managing Director are 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 and the Managing Director are 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:



[2]

- 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.
- 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' and the Managing Director's 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 and the Managing Director are 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.



[3]

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 and the Managing Director are 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 31, 2021.

Oy Tuokko Ltd
Audit firm

Terhi Latvala
APA

Oy Tuokko Ltd
Paciuksenkatu 25, 00270 Helsinki
Y-tunnus: 1731049-4, kotipaikka: Helsinki
Kotisivu: www.tuokko.fi



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JOHN NURMINEN FOUNDATION

Address:
John Nurminen Foundation
Pasilankatu 2
FI-00240 Helsinki

E-mail:
info@jnfoundation.fi
firstname.lastname@jnfoundation.fi

Facebook: @johnnurmisenlaatio
Instagram: @johnnurmisenlaatio
Twitter: @jnmurmisensaatio
Youtube: John Nurmisen Säätiö

www.johnnurmisenlaatio.fi/en/



Foundation's team in 2019.

Annamari Arrakoski-Engardt
CEO
+358 (0)400 477 878

Minna Jämsén
Executive Assistant
to the CEO and Administration
+358 (0)40 552 3087

Anni Kujala
Coordinator, Administration and
Service Development
+358 (0)50 467 6740

Elina Lehtinen
Communications Director
+358 (0)40 834 0465

Kirsi Kurki-Miettinen
Communications Specialist
+358 (0)50 463 9305

Oona Piironen
Communications Specialist
+358 (0)50 434 4879

Erkki Salo
Fundraising Director
+358 (0)40 728 1859

Ari Rytönen
Corporate Fundraiser
+358 (0)50 476 8321

Mert Sola
Fundraising Coordinator
+358 (0)50 471 1078

MARITIME CULTURE

Maria Erkheikki
Manager,
Publications and collections
On parental leave

Hanna Ojamo
Cultural Producer
+358 (0) 50 336 0097

CLEAN BALTIC SEA PROJECTS

Marjukka Porvari
Director,
Clean Baltic Sea projects
+358 (0)41 549 1535

Elena Kaskelainen
Project Manager,
Clean Baltic Sea projects
+358 (0)40 801 7057

Miina Mäki
Project Manager,
Clean Baltic Sea projects
+358 (0)50 576 3298

Henri Nikkonen
Project Manager,
Clean Baltic Sea projects
+358 (0)50 553 3953

Anna Saarentaus
Project Manager,
Clean Baltic Sea projects
+358 (0)40 719 0208

Maija Salmiovirta
Project Manager,
Clean Baltic Sea projects
+358 (0)44 203 2213

Eeva Tähtikarhu
Project Manager,
Clean Baltic Sea projects
+358 (0)50 314 2102

ILKKA VUORINEN

PASI SALMINEN



”

“For 35 years already, the Baltic Sea has been my playground. The cold winters have made even snowboarding on the Baltic Sea possible, and the warm summers have me jumping to the sea from the cliffs. Of course, I also have fond memories of childhood boating trips with my family to the nearby archipelago. I very much hope my kids can also enjoy a clean Baltic Sea, and the possibilities and experiences it offers.

Today, the Baltic Sea is one of the most polluted seas in the world, but the game is not over yet! The John Nurminen Foundation is doing everything it can to save the Baltic Sea, and each and every one of us can support their operations by becoming a monthly donor.”

– Eero Ettala, snowboarder and host

**BECOME A MONTHLY DONOR
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JOHN NURMINEN FOUNDATION

We save the Baltic Sea and its heritage for future generations.

www.johnnurmisensaatio.fi