



Harbor investment summary

Smart Marina



EUROPEAN UNION
European Regional Development Fund



Interreg
Central Baltic

SMART
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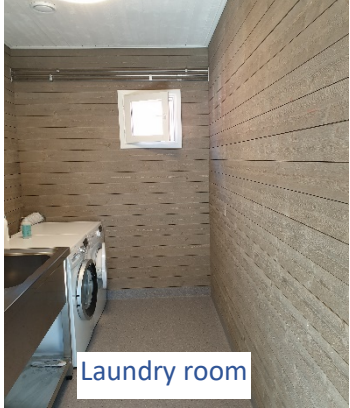
1 ÅLAND ISLANDS

1.1 BÄRÖ (GLADA LAXEN)

Servicehouse is completed and in operation, the water purification has been modernized with new filters to create an approved drinking water, and the sewage treatment in the harbor is in place.

List of completed investments

Investment description	Investment group
1. New service building	Servicehouse
2. Water purification	Fresh Water
3. Waste Water treatment	Environment & Waste-Water



1.2 BRÄNDÖ (GULLVIVAN)

New bridge and installation of electrical pedestals finalized by August 2020. There were in total 4 new, well illuminated electrical pedestals. Installation was delayed due to travel restrictions caused by Covid19.

Benches (combination of concrete and wood) for visitors are placed on new jetties. New garbage house built at the end of 2020.

List of completed investments

Investment description	Investment group
1. New bridges	Berths & pontoons
2. Electrical pedestals	Electricity
3. Garbage house	Environment & Waste-Water
4. Benches	Free time



1.3 HAVSVIDDEN

The service building including sauna was completed by the summer season of 2020.

Some budget was unused, but the harbor did not find the time to plan another investment object which could complete the harbors functionality and be suitable within the current project at the same time.

List of completed investments

Investment description	Investment group
1. New servicehouse & sauna	Servicehouse



1.4 HAMNSUNDET

The new service building was finished by the autumn of 2020.

In the service building there are separate sections for shower, laundry, kitchen/cooking area, lobby as well as space for technical control center.

Previous service building which was in poor condition was demolished and replaced with the new contemporary building with modern facilities meeting the visitors need and being environmentally friendly.

List of completed investments

Investment description	Investment group
1. New servicehouse	Servicehouse



1.5 JURMO GUESTHARBOR

The renovation of bridges and waste-water septic tank are installed and in use. (Ready up to 80% in April 2020 already). As the harbor was not VAT-liable, they only could use the eligible share up to DeMinimis limit (including the VAT). Most of the work was related to renovation either existing docks or service building.

Only a few new facilities were built (extension to the service house and new outdoor terrace). The biggest change was the installation of waste -water treatment septic tank.

After implementing all the planned investments and requirements set by the Blue Flag, the harbor is now receiving double as much boat-guests compare to previous seasons.

List of completed investments

Investment description	Investment group
1. Extension to the existing servicehouse	Servicehouse
2. Electricity on renovated docks	Electricity
3. Waste-water septic tank	Environment & Waste-Water
4. Waste-water treatment facility	Environment & Waste-Water
5. Renovation of two exisiting docks	Berths & pontoons
6. New outdoor terrace	Free time



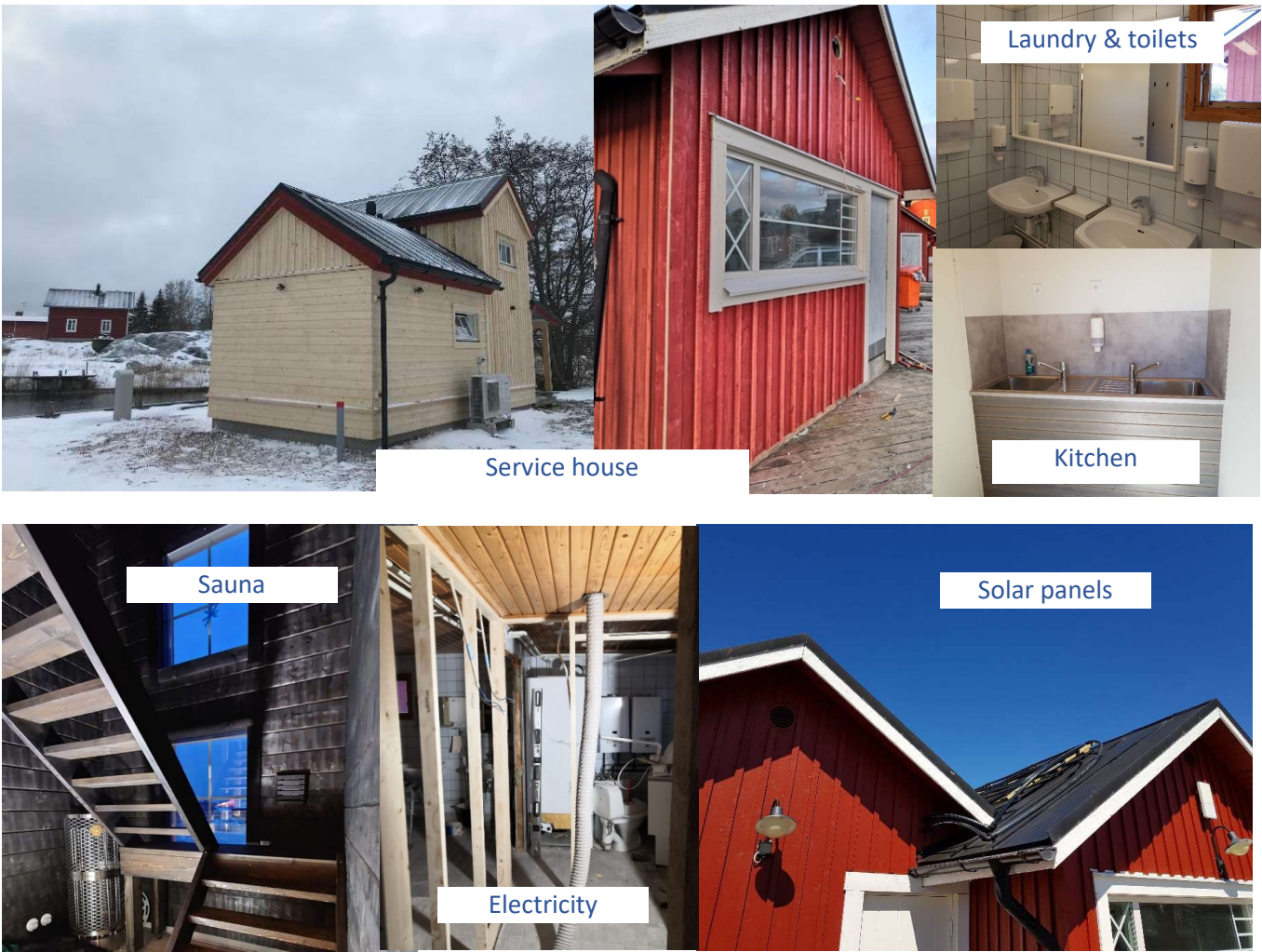
1.6 KARLBY GUESTHARBOR

The harbor needed a new service building and facilities for laundry and sauna. Construction work of the main building was finished during the summer of 2020 and new sauna was completed in December 2020. Electricity work was done on the docks.

By the summer season of 2020 the harbor was certified with Blue Flag. The certification period was extended to 2021 as well.

List of completed investments

Investment description	Investment group
1. New servicehouse & solar panels	Servicehouse
2. Electricity installation in the servicehouse	Electricity
3. LED lightning, outlets etc	Berths & pontoons
4. Sauna incl.showers	Free time
5. Defibrillator	Other services / devices



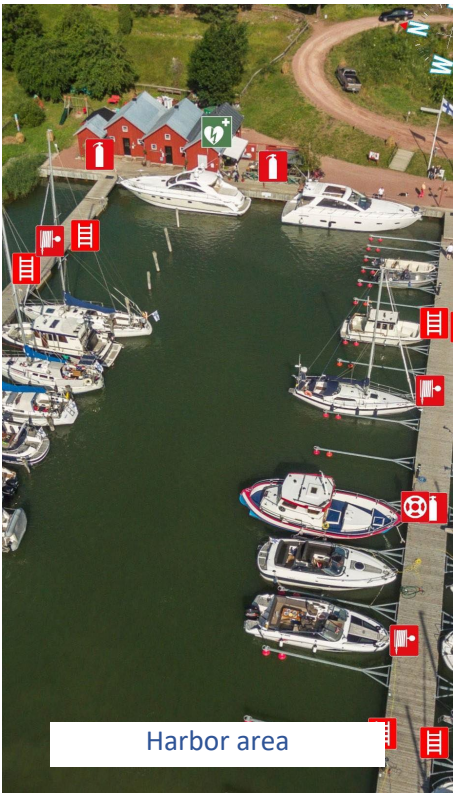
1.7 KASTELHOLM GUESTHARBOR

Kastelholm guestharbor has been in good condition but small facilities have not allowed to host the number of boaters visiting the harbor every summer. It was crucial to modernize and invest to the extension of the service house as well as create a free time area with barbeque and children playground into the harbor area.

New lifebuoys and mooring pillars as the last project of the harbor was finished by December 2020. Blue Flag was ready by summer 2020 and certification was extended to 2021.

List of completed investments

Investment description	Investment group
1. New servicehouse extension and renovation of showers	Servicehouse
2. Electrical pedestals and installation	Electricity
3. WIFI and camera	Security & WiFi
4. Sanitation inspection and related works	Environment & Waste-Water
5. Wooden deck on shore	Berths & pontoons
6. Outdoor grill area	Free time
7. Defibrillator	Other services / devices



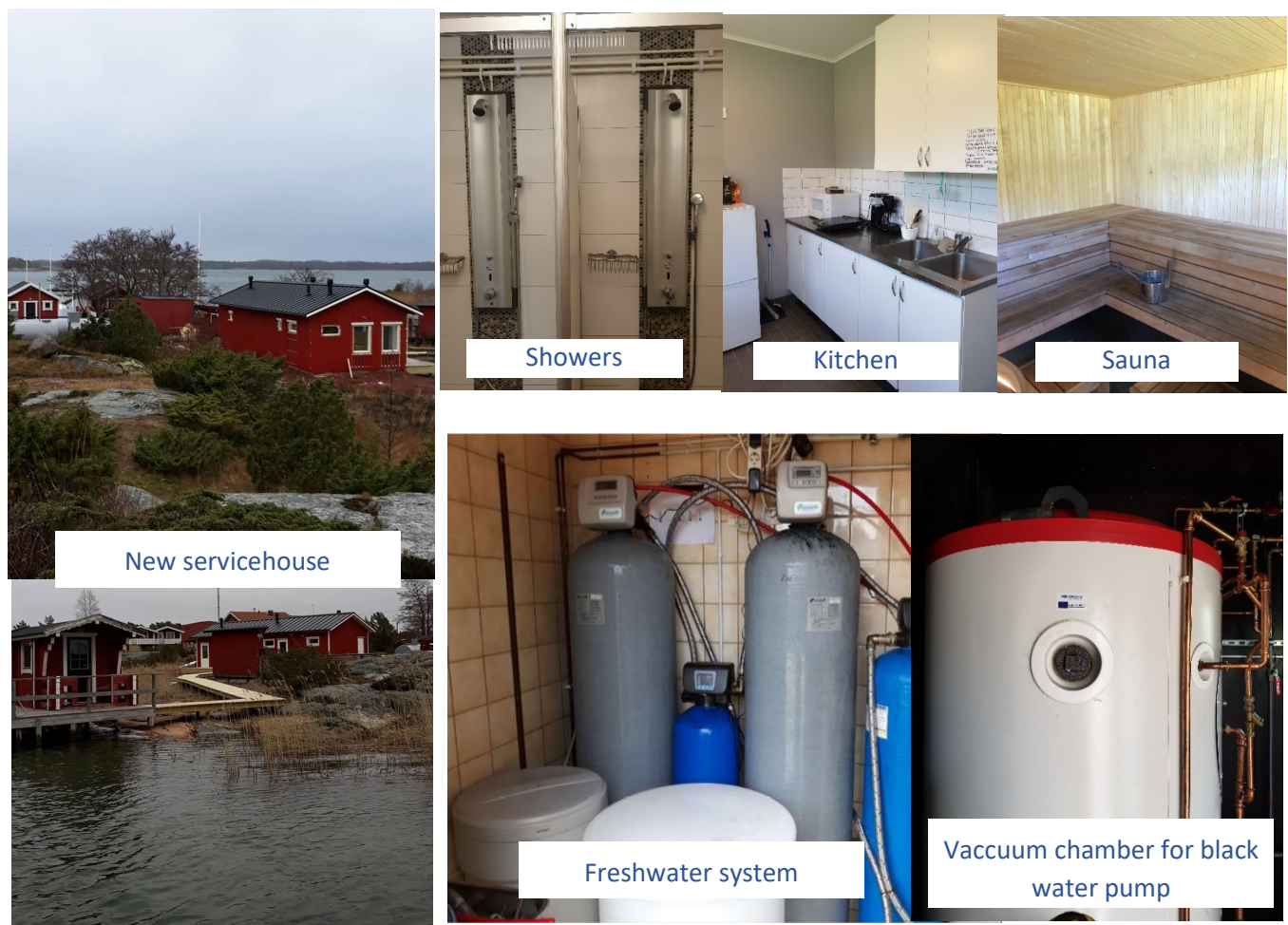
1.8 KUMLINGE GUESTHARBOR

New, functional service house is ready – kitchen area, laundry room, showers, toilettes and sauna are all following the environmentally friendly principles from building material as well as economical daily use of water etc.

New blackwater drainage pump is installed. Original freshwater functionality and quality was insufficient. After investing into the freshwater system the capacity is sufficient to serve now entire complex offering more capacity for daily use. Harbor is certified by Blue Flag.

List of completed investments

Investment description	Investment group
1. New servicehouse	Servicehouse
2. Electrical pedestals and installation works	Electricity
3. Black water pump	Environment & Waste-Water
4. Buoys and chain	Berths & pontoons
5. Freshwater system incl. isolation of freshwater pipes	Fresh Water
6. Defibrillator	Other services / devices



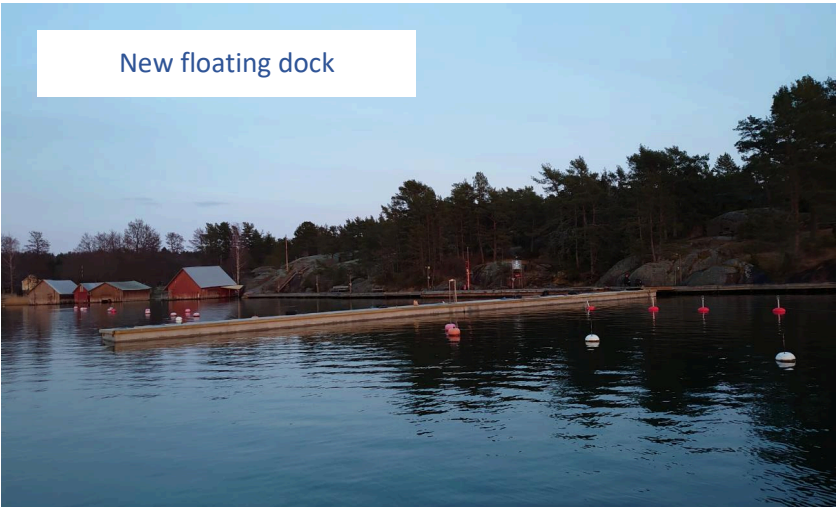
1.9 KÄRINGSUND GUESTHARBOR

The service house in the harbor was in need to be upgraded and adapted to customers’ needs being environmentally friendly and economical. Installing of two floating bridges completed in spring 2020. Installation of new electric pedestals and a prepaid pole installed during summer 2020.

All investments were finished by the summer of 2020. The harbor was certified with Blue Flag during the summer of 2020 and certification period was extended to 2021.

List of completed investments

Investment description	Investment group
1. Renovation and upgrade of existing servicehouse	Servicehouse
2. New floating docks and buoys	Berths & pontoons
3. Electrical pedestals and installation on docks	Electricity
4. Defibrillator	Other services / devices



1.10 MARIEHAMNS SEGLARFÖRENING (MSF)

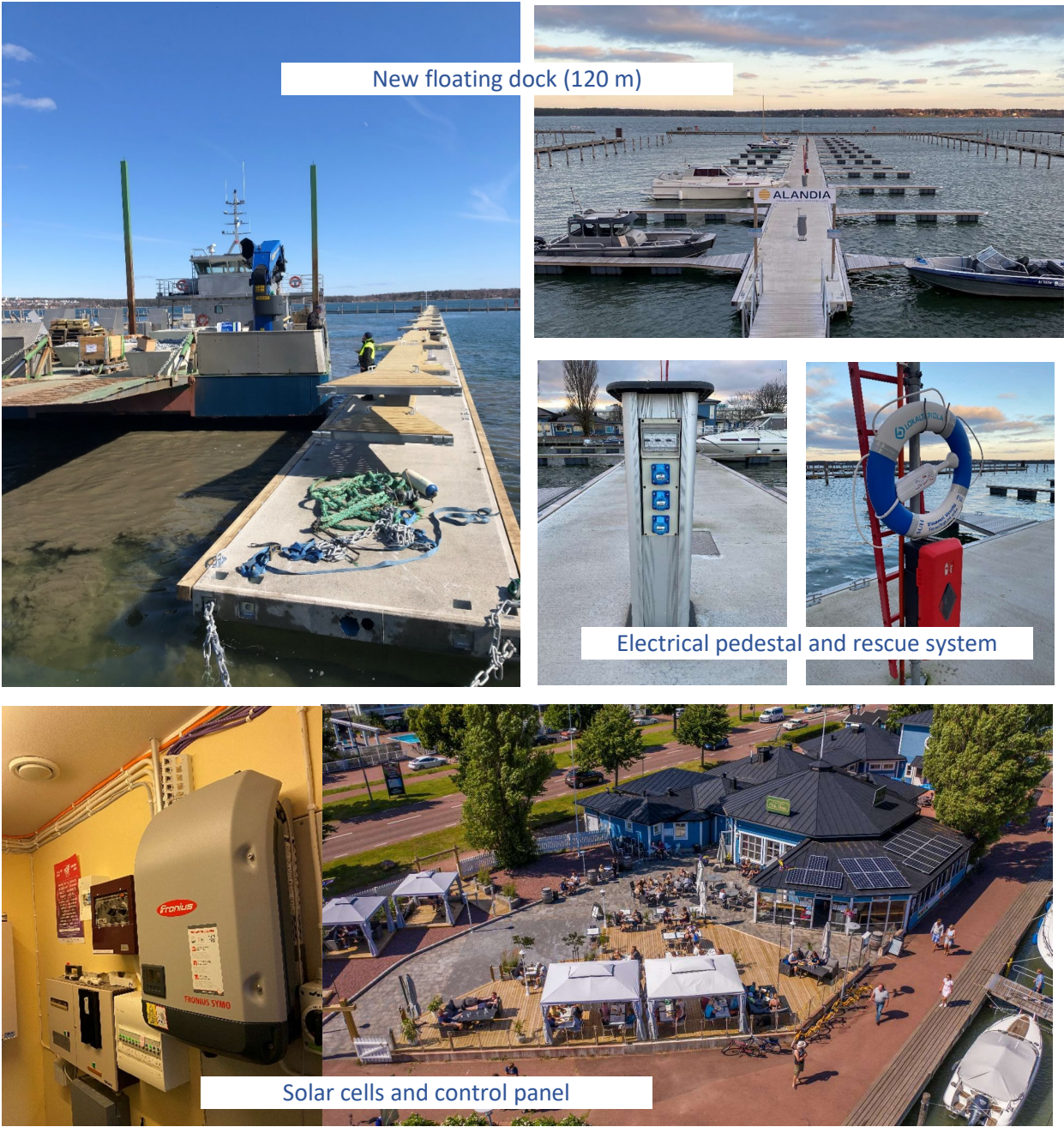
New floating dock (120 cm) was ready by the summer of 2019. New dock is equipped with electricity outlets.

During December of 2020 the harbor has installed solar cells and a heating pump, finished by December 2020.

Since the summer of 2020 the harbor has a Blue Flag Certification (extended to 2021)

List of completed investments

Investment description	Investment group
1. New floating dock (120 m)	Berths & pontoons
2. Electrical pedestals on new dock	Electricity
3. Solar panels	Servicehouse



1.11 RÖDHAMN

On remoted island a contemporary and modern service house was built. Electricity supply, wastewater and freshwater systems were carefully designed to meet the environmental requirements. Solar cell field is the only source of power to keep all the systems up and running thus power calculation was an important part before starting to plan the investments. New garbage house was completed by the summer of 2020.

Harbor is certified by the Blue Flag and has hosted the high number of visitors in summer 2020/2021 already.

List of completed investments

Investment description	Investment group
1. Service house	Servicehouse
2. Electrical pedestals and installation	Electricity
3. Garbage house	Environment & Waste-Water



1.12 SEGLINGE GUESTHARBOR

Existing docks and pier were in very poor condition and needed to be renovated. To the renovated docks the electrical pedestals were installed. Investment works were completed by summer 2019.

Old wooden panels of the service house were replaced with the new ones. A new door to the service house was ordered and installed. A separate grill house for boat guests was built, there it is also possible to find a shelter from hard wind/rain.

List of completed investments

Investment description	Investment group
1. Renovation of existing servicehouse	Servicehouse
2. New floating bridge and renovation of existing docks	Berths & pontoons
3. Electrical pedestals and installation on renovatee dock	Electricity
4. Grillhouse and playground for children	Free time



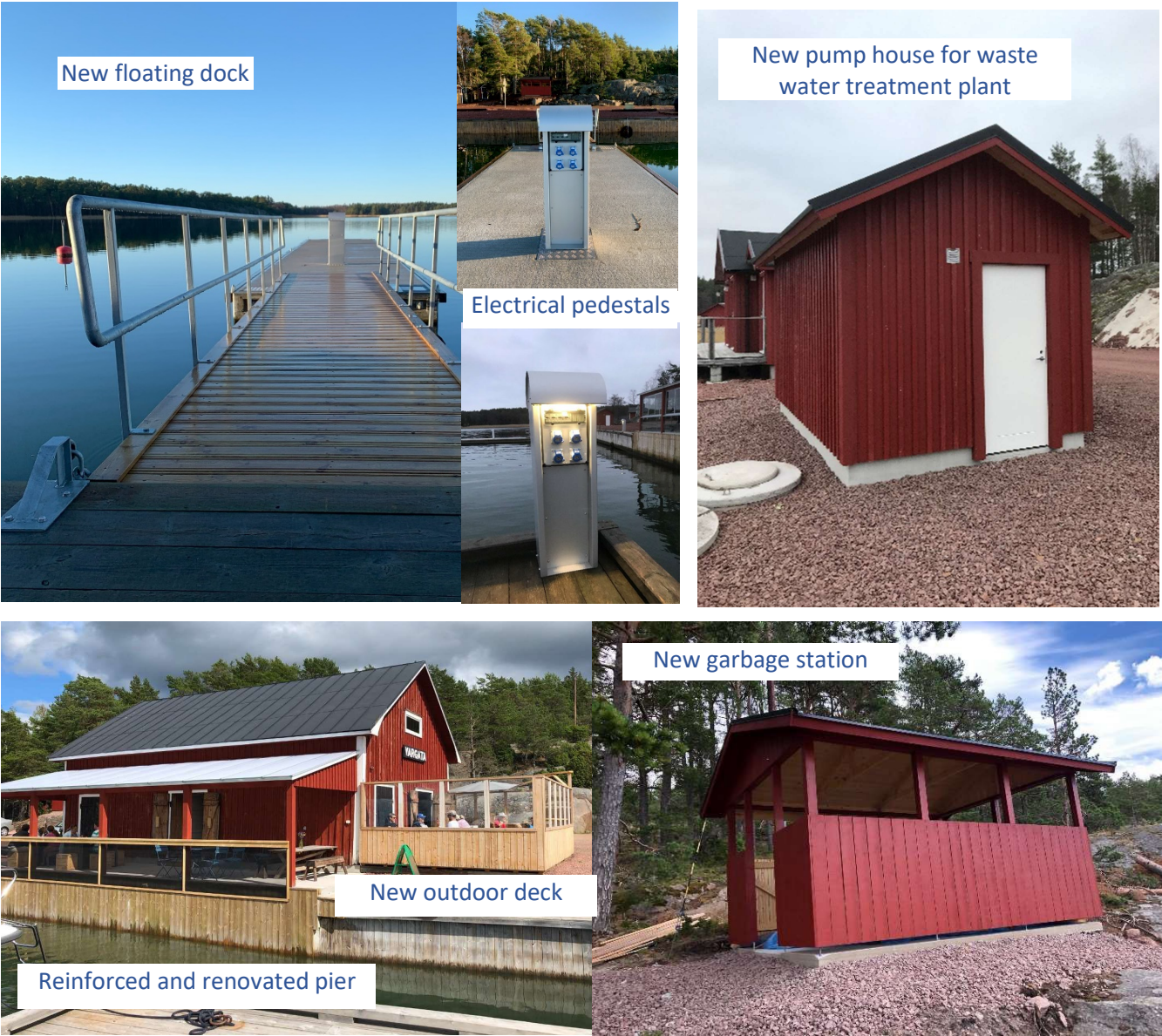
1.13 VARGATA GUESTHARBOR

The harbor has made significant changes into the existing harbor complex by investing into the new sewage treatment plant and new pump house, new floating dock supplied by electrical pedestals, reinforcing existing pier, creating an outdoor wooden terrace for visitors, and investing also into a separate garbage station.

The service standard has been improved substantially and a number of visiting tourists was increased in summer 2020 already.

List of completed investments

Investment description	Investment group
1. New floating bridges	Berths & pontoons
2. Renovation of existing docks	Berths & pontoons
3. Electrical pedestals and installation	Electricity
4. Waste-water treatment plant	Environment & Waste-Water
5. Garbage house	Environment & Waste-Water



2 SWEDEN

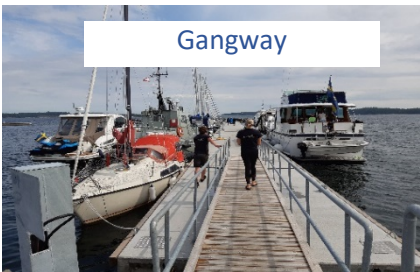
2.1 FYRUDDEN

The guest harbour in Fyrudden has been made larger and more protected by adding a concrete sea wall of 60 meters (wave breaker) and 120 meters of floating jetty to the harbour. The increase of guest boats has been from 40 to 65 places, all with electricity and water. About half of the new places is with y-booms, the rest for larger boats to be placed on the long side to the jetty.

Apart from the investments for the new jetty, harbor was prepared and received the Blue Flag certificate. This also included the harbour map, signs for service aligned with that, new information signs for what to do and how to do it. Fire extinguisher and life buoys are added to the harbour, and lights have been switched to low energy and better light. Harbor can better handle of waste now. A completely new recycling station is created in addition to the existing one. A special house for hazardous waste has been built. Harbor is certified by Blue Flag.

List of completed investments

Investment description	Investment group
1. New wave breaker (60 m) and gangway to new jetty	Berths & pontoons
2. New jetty (120 m) and new y-booms	Berths & pontoons
3. Fresh water installed to new jetties	Fresh Water
4. Electricity for new jetties	Electricity



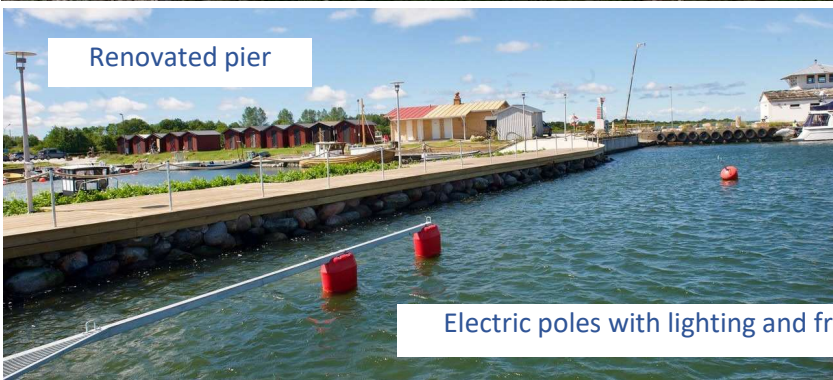
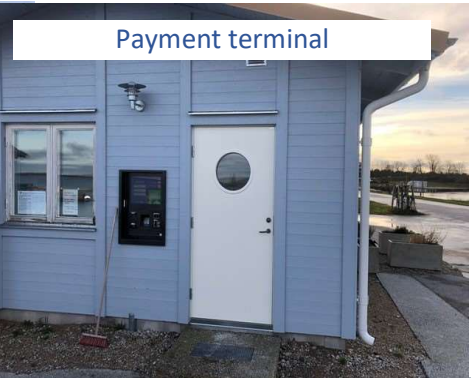
2.2 BURGSVIK

Harbor needed new floating bridges and the existing pier needed renovation as well. Electrical pedestals with lighting and water supply are a normality in modern harbors today thus it was important to invest into these functionalities.

The service house was upgraded with new showers, toilets for handicap, facade of the house was replaced with new wooden panels. In addition, a payment terminal was installed to enable visitors order and pay for the services without having harbor personnel in place. Harbor is certified by Blue Flag.

List of completed investments

Investment description	Investment group
1. Pier renovation	Berths & pontoons
2. New jetty and new y-booms	Berths & pontoons
3. Electrical pedestals with lighting and water supply	Electricity
4. Renovation of service house	Servicehouse
5. Payment terminal	Other services / devices



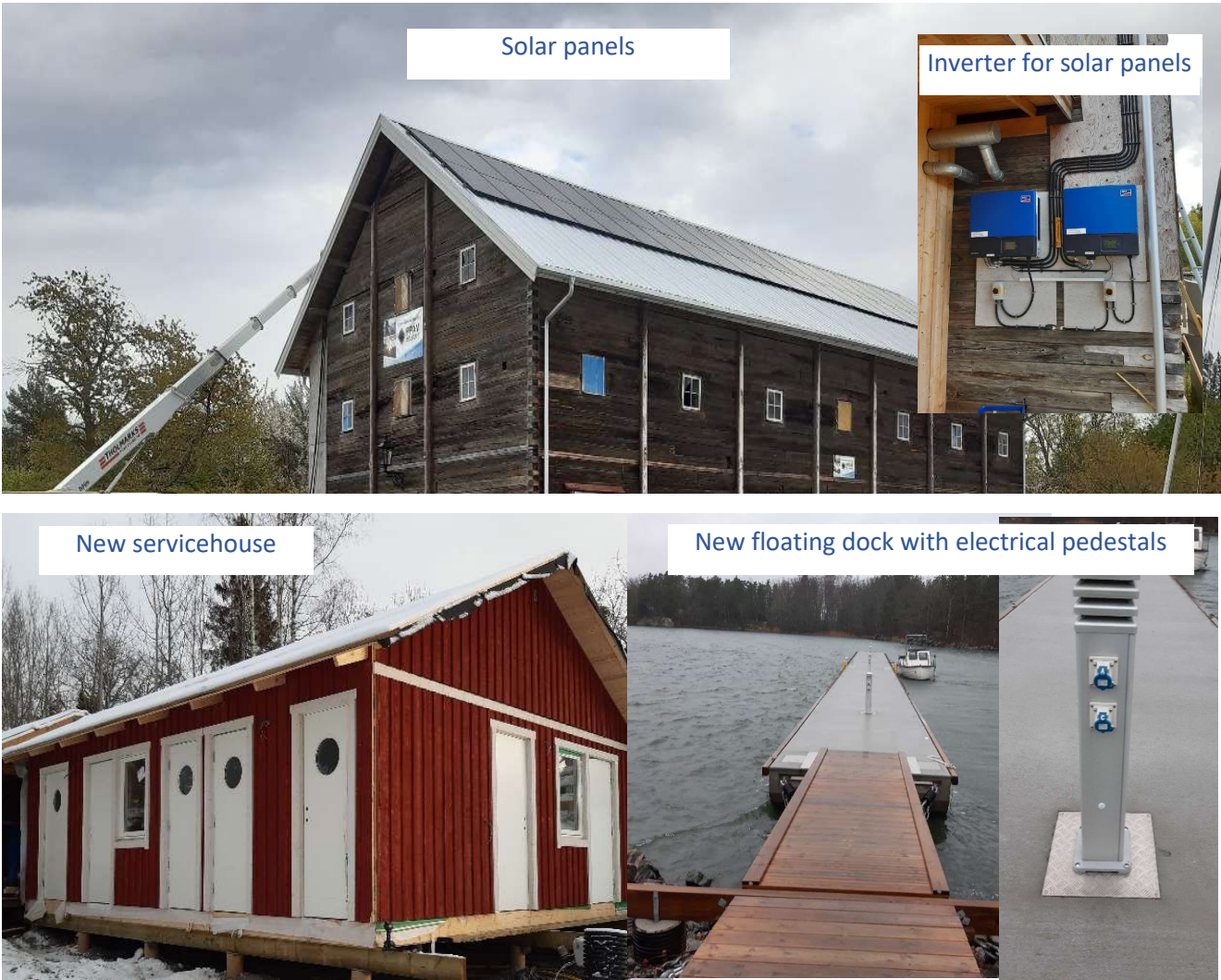
2.3 UVMARÖ

Major investments to build a new service building including all necessary facilities and a sauna, a harbor office, electricity, and all work needed to finalize as much as possible in 2020. Remaining work in 2021 taken by harbor outside Smart Marina project. The change in the current harbor has been extremely positive and well received by all guests.

New service house is replacing an old boathouse which been entirely removed. Solar panels with enough capacity will provide the most energy needed in operating the harbor and service house. Harbor is certified by Blue Flag.

List of completed investments

Investment description	Investment group
1. New floating jetty and y-booms	Berths & pontoons
2. Electrical pedestals on a jetty	Electricity
3. Servicehouse and solar panels	Servicehouse
4. Preliminary wastewater investigation	Environment & Waste-Water



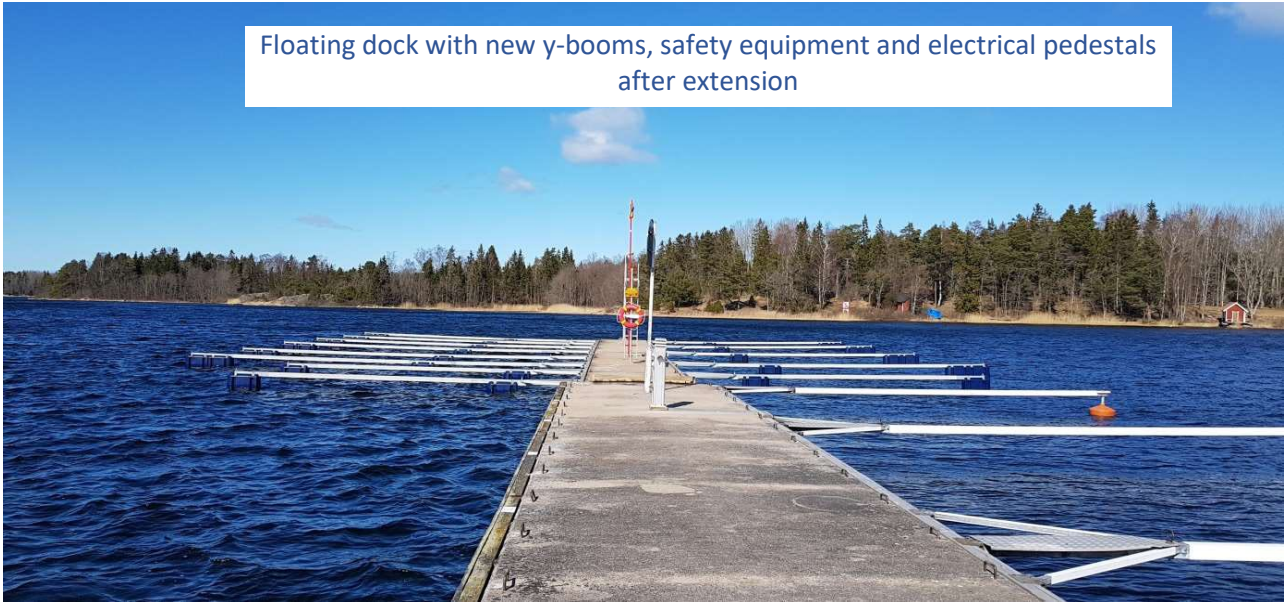
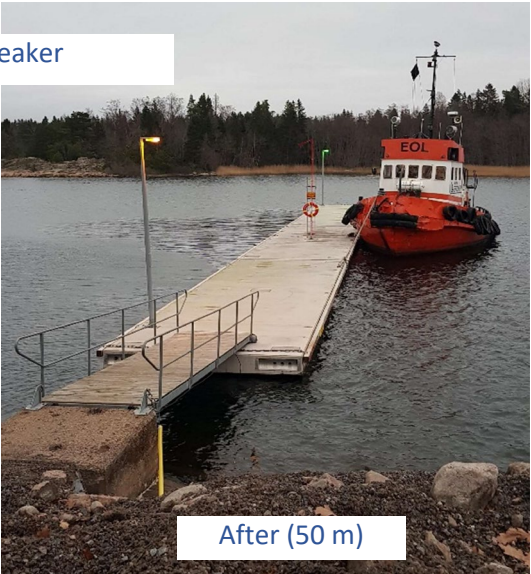
2.4 GRISSLEHAMN

The new outer wave breaker has totally changed the local climate in the harbor, giving great protection from winds and waves from northwest. Floating wave breaker and renovating of dock. Electrical equipment and safety equipment. High Speed Internet connection, information sign.

The harbor now gives the visitors a lot better impression in overall. Improved safety with safety ladders, lifesaving stations. More guest spots available for larger boats which demand water depth greater than 2 meters. Two new defibrillators (AED) are at place

List of completed investments

Investment description	Investment group
1. New floating jetty and y-booms	Berths & pontoons
2. Electrical pedestals on a jetty	Electricity
3. Safety equipment and high-speed internet connection	Security & WiFi
4. Defibrillators	Other services / devices



2.5 RINDÖ GUESTHARBOR

With the investments from the project this harbor now can function as a proper guest harbor. Improved service level. Renovated service house, electrical pedestals, kayak dock, water jet parking dock, 70-meter new dock, information sign etc. Increase of capacity of guest boats is significant.

Harbor has obtained a better structure. Two new defibrillators (AED) are at place.

List of completed investments

Investment description	Investment group
1. New floating jetty and y-booms	Berths & pontoons
2. Electrical pedestals on a jetty	Electricity
3. New kayak and scooter jetties	Berths & pontoons
4. Renovation of service building	Servicehouse



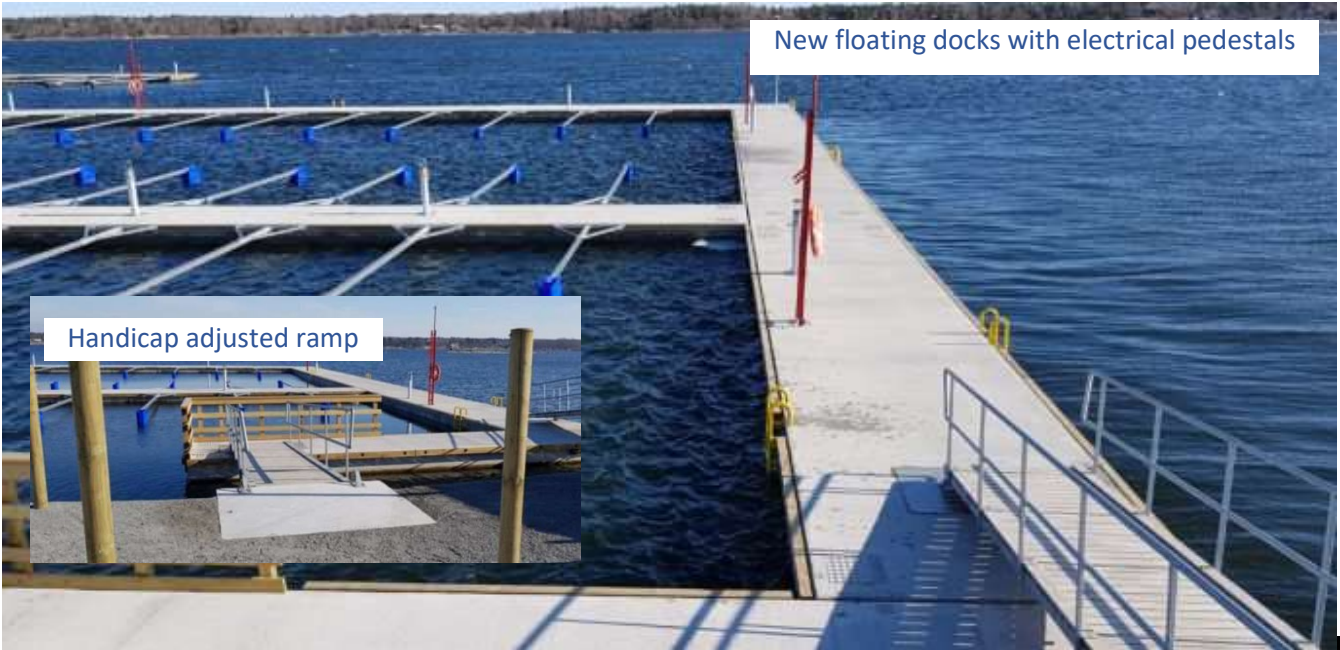
2.6 ÖREGRUND GUESTHARBOR

Investments have made it possible for more boaters to visit the guest harbor by increasing the guest spots by 40%. Floating wave breaker and docks with Y-booms & 35 new guest spots and safety equipment, information sign. Total 140 m new docks.

Better local climate in harbor since the new harbor design and floating wave breaker does give better shelter for wind and waves. Improved safety with rescue ladders, lifesaving stations and many new life buoys. AED in place.

List of completed investments

Investment description	Investment group
1. New floating jetty and y-booms	Berths & pontoons
2. Electrical pedestals with lighting on docks	Electricity
3. Waterpump for a mobile solution to pump water contaminated with oil spills from boats	Environment & Waste-Water
4. Defibrillators	Other services / devices



2.7 FEJAN

Fejan harbor has now two new floating piers, thus increasing the capacity substantially.

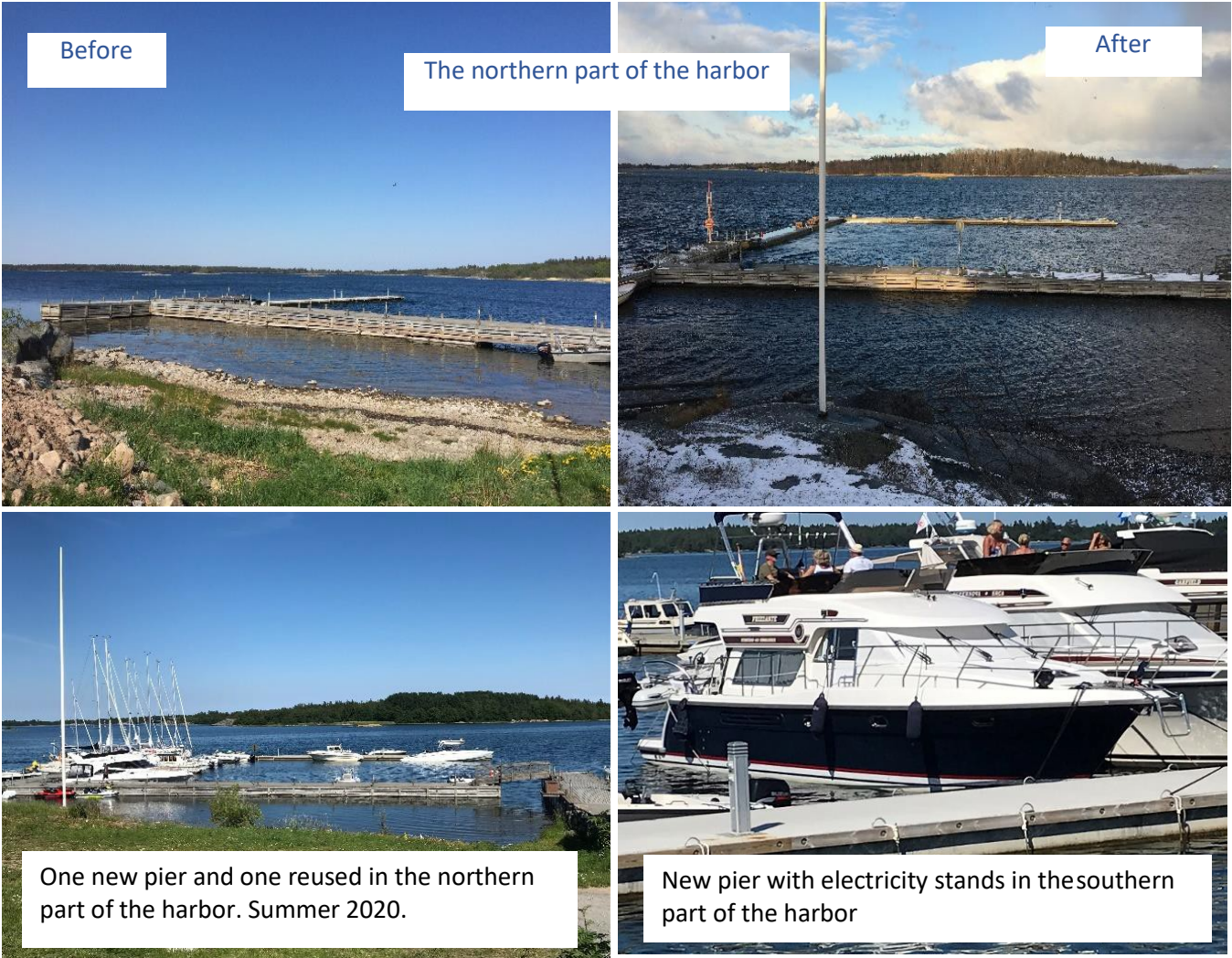
One of the piers have break water function. The harbor is now enclosed with a small fairway for boats coming and leaving. Thus the harbor is protected for all winds, offering a safe place for boaters in the northern part of the Stockholm Archipelago.

New mooring lines and electricity stands increases the service level for visiting boats.



List of completed investments

Investment description	Investment group
1. New & renovated docks	Berths & pontoons
2. Electricity on docks	Electricity



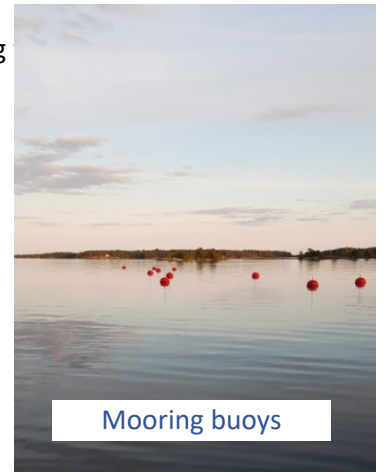
3 FINLAND

3.1 BAGGÖ MARINA

After budget cut due to De Minimis constraint, plans for building a service building. Instead, mooring buoys were installed to increase visiting boat capacity.

List of completed investments

Investment description	Investment group
1. Mooring buoys (10 pcs)	Berths & pontoons



Mooring buoys

3.2 BARÖSUND

The main objective in Barösund was to increase capacity in the harbor which is very crowded during peak season. Jetty capacity was increased as well as the addition of toilets and a dish washing facility for boaters.

List of completed investments

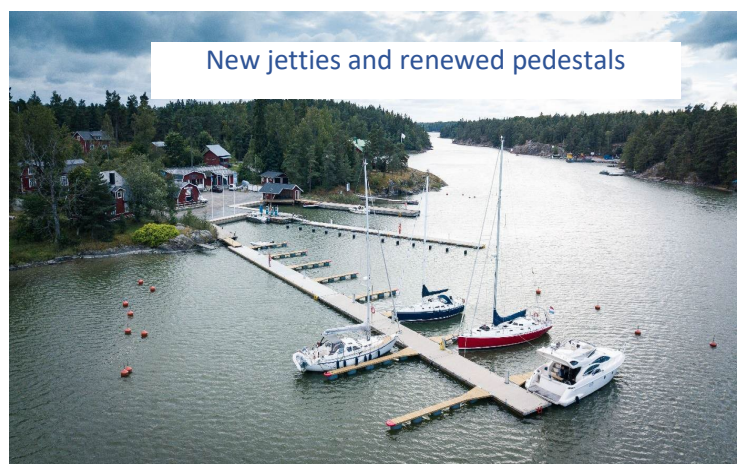
Investment description	Investment group
1. New toilets and dish washing facility	Environment & Waste-Water
2. New jetties	Berths & pontoons
3. Renewal of old electricity pedestals	Electricity
4. Quay refurbishment	Berths & pontoons



Quay refurbishment



New toilets and dish washing



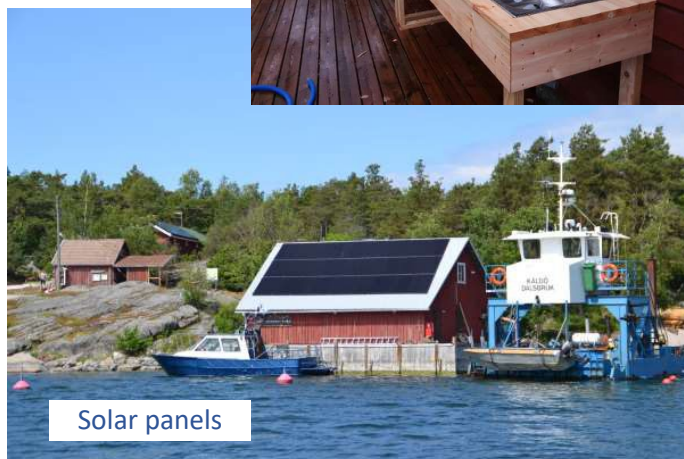
New jetties and renewed pedestals

3.3 BRÄNNSKÄR

The main investments in Brännskär were a service building, outhouses with toilets and a dish washing area, improved paths in the harbor, solar power plants, a volleyball court, frisbee golf course and new waste bins.

List of completed investments

Investment description	Investment group
1. Service building	Servicehouse
2. Outhouses with toilet and a dish washing area	Environment & Waste-Water
3. Improved paths	Other services / devices
4. Solar power plants and air-to-air heat pump	Servicehouse
5. Volleyball court	Free time
6. Frisbee golf course	Free time
7. Waste bins	Environment & Waste-Water



3.4 FARMORS CAFÉ

Investments in Farmors café were building a jetty/gangway and boat booms on the stone pier, acquiring modular service buildings, a solar power plant and a defibrillator.

List of completed investments

Investment description	Investment group
1. Jetty on pier	Berths & pontoons
2. Boat booms	Berths & pontoons
3. Modular service buildings	Servicehouse
4. Solar power plant	Servicehouse
5. Defibrillator	Other services / devices



Jetty on pier



Boat booms



Solar cells



Modular service building



Modular sauna building

3.5 KIRJAIS BYBUTIK & MARINA

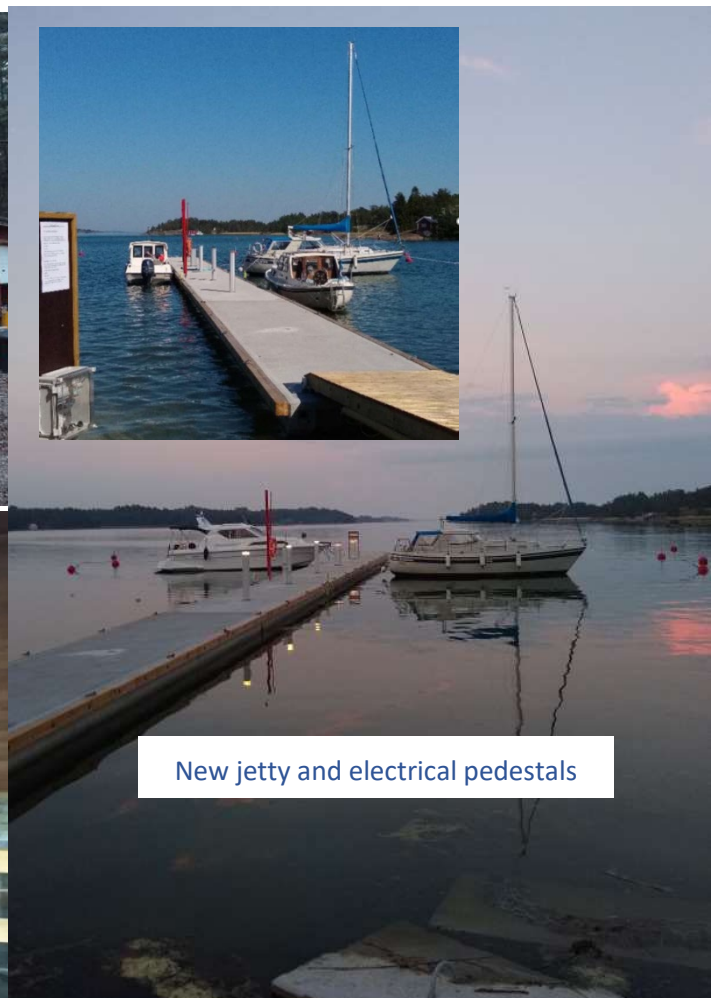
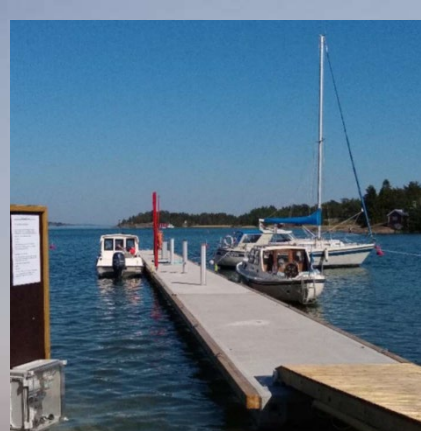
The investments in Kirjais consisted of two distinct objects, renewal of the jetty and reconstruction of a garage into a service building with toilets, showers, washing machines, dish-washing area and sauna. In addition to this, a set of beach toys were acquired.

List of completed investments

Investment description	Investment group
1. New jetty	Berths & pontoons
2. Service building	Servicehouse
3. Beach toys	Other services / devices



Servicehouse & sauna



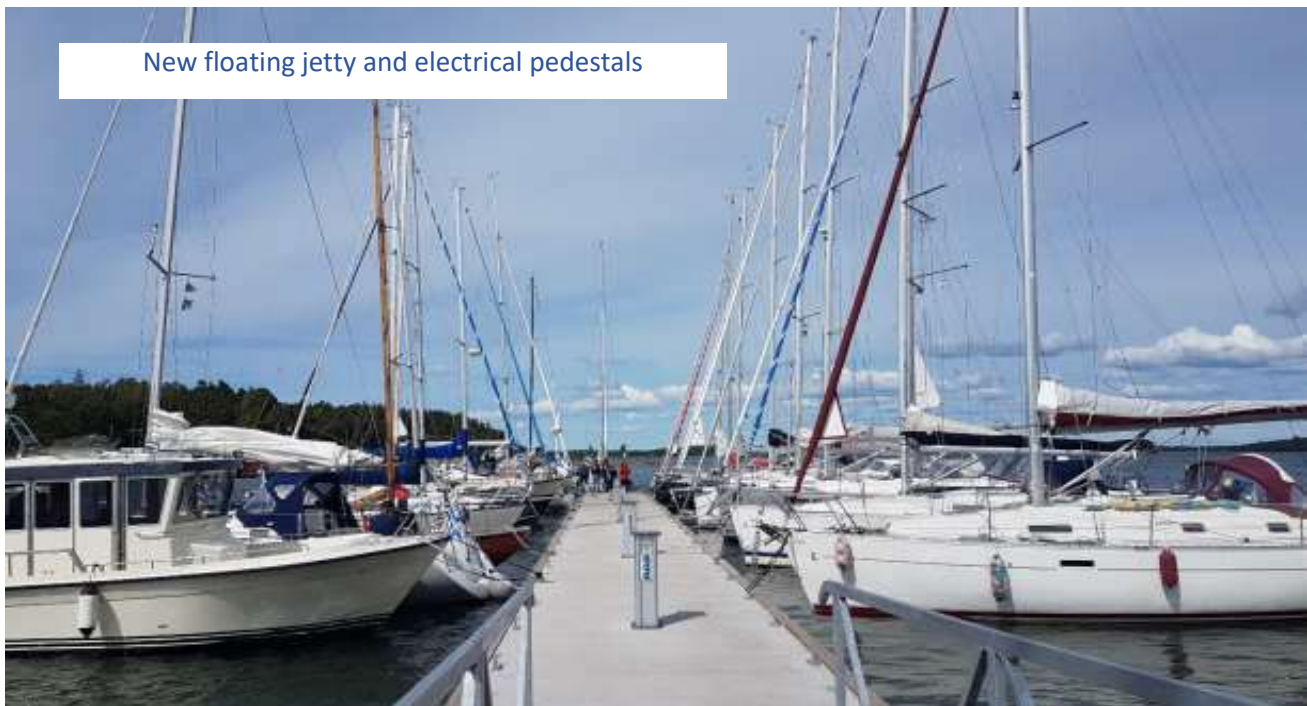
New jetty and electrical pedestals

3.6 LILLBACKA GÅRD

In Lillbacka, the main investment was a new secure floating jetty and electricity pedestals. In addition to this the investments were a reverse osmosis water filtering system which increases capacity so that water can be provided on the jetty, and a solar power plant.

List of completed investments

Investment description	Investment group
1. New floating jetty	Berths & pontoons
2. Electrical pedestals on new jetty	Electricity
3. Reverse osmosis water purification plant	Fresh Water
4. Solar cells	Servicehouse



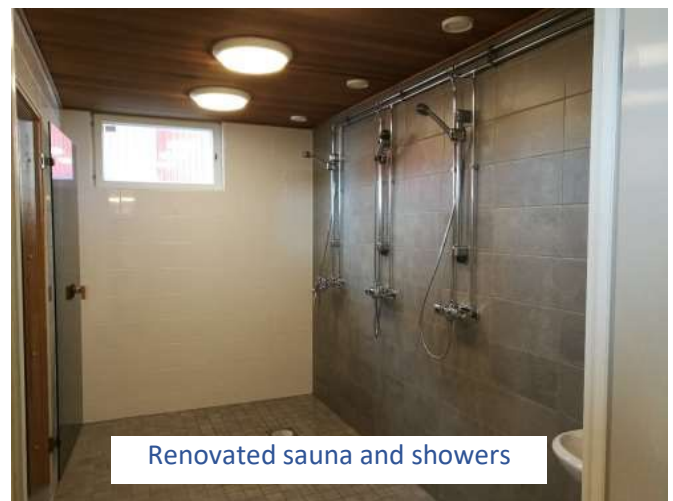
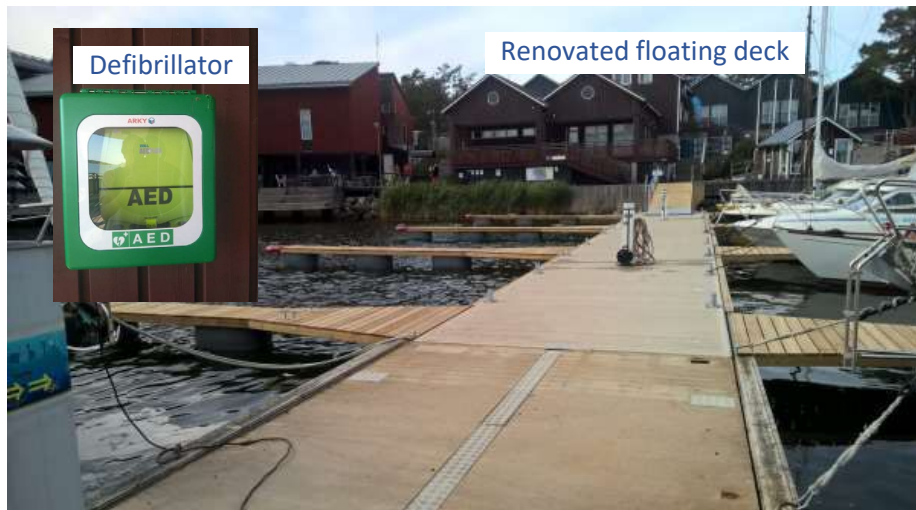
3.7 SKÄRGÅRDSCENTRUM

KORPOSTRÖM

The investments in Korpoström have focused on renewal and renovation of jetties, renovation of the saunas, the laundry and the dish washing facilities and installation of a solar power plant. Harbor is certified by Blue Flag as a pilot harbor in Finland.

List of completed investments

Investment description	Investment group
1. Renovation and renewal of jetties	Berths & pontoons
2. Renovation of saunas	Servicehouse
3. Renovation of laundry facilities and new dish washing facilities	Environment & Waste-Water
4. Solar panels	Servicehouse
5. Defibrillator	Other services / devices



3.8 STENSKÄR STUGOR & FISK

Stenskar investments consist of a new jetty (including new electricity connection to guest harbor), a new sauna, a new barbeque grill-house, new toilets in guest harbor, reverse osmosis water purification plant and solar power plant.

List of completed investments

Investment description	Investment group
1. 45 m. concrete pontoon floating jetty incl. booms, buoys, electricity pedestals	Berths & pontoons
2. Connecting guest harbor and sauna to grid	Electricity
3. Sauna incl. outhouse with toilet and space for boiler and RO-system	Servicehouse
4. Reverse osmosis water purification plant	Fresh Water
5. Green toilet in guest harbour	Environment & Waste-Water
6. Solar panels	Servicehouse
7. Grill-house	Free time





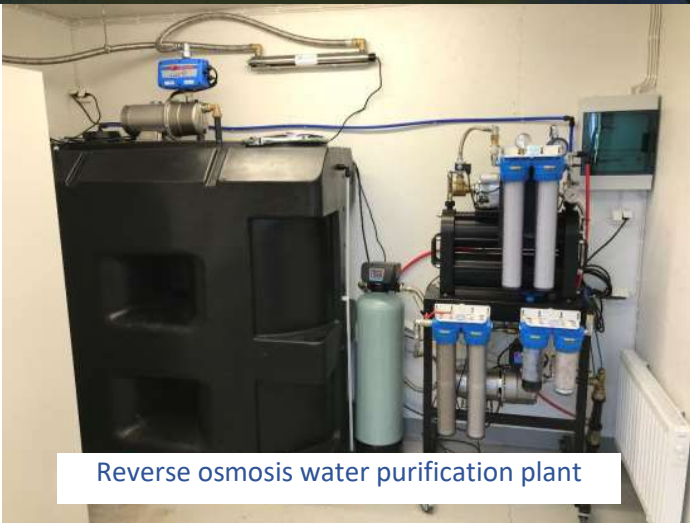
Solar cell plant



New jetty



Electrical pedestals



Reverse osmosis water purification plant

4 ESTONIA

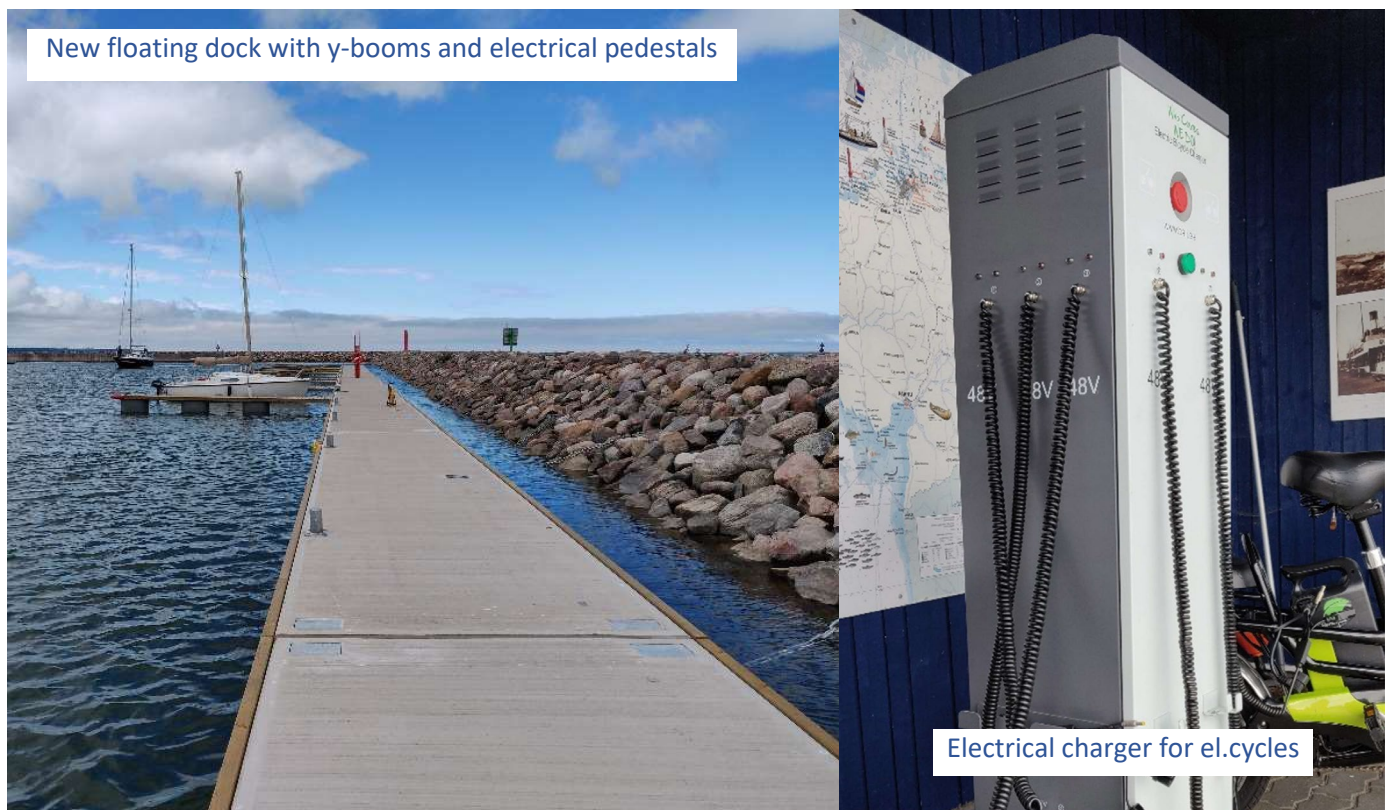
4.1 KÄRDLA HARBOR

Harbor is well equipped but needed a new floating dock to extend the existing dock and pier. This is to increase the number of visitors and provide better services. The new floating dock is equipped with y-booms and electrical pedestals.

Harbor is certified by Blue Flag.

List of completed investments

Investment description	Investment group
1. New floating docks and y-booms	Berths & pontoons
2. Electrical pedestals	Electricity
3. Electrical charger for el.cycles	Electricity



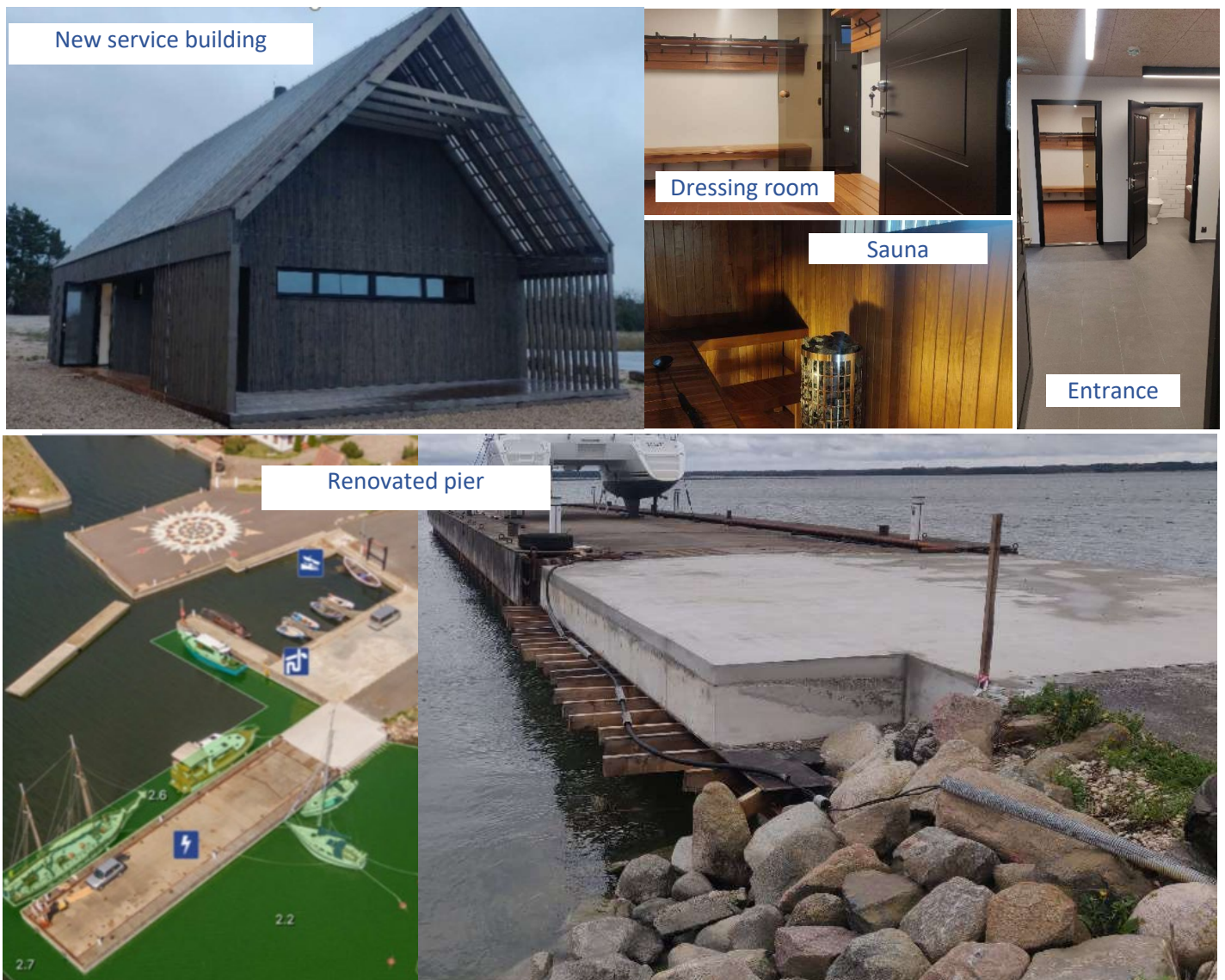
4.2 ORJAKU HARBOR

Harbor was missing a proper service house with shower and sauna. After investments the new building is meeting all the criteria which originally were missing. Servicehouse is built in the same style as the neighboring buildings and is designed to be a harmonized complex. Harbor is certified by Blue Flag.

Existing pier needed to be renovated - strengthening. A new concrete cover was installed.

List of completed investments

Investment description	Investment group
1. New service house, incl.sauna	Servicehouse
2. Renovation of existing pier	Berths & pontoons



4.3 ROOGRAHU HARBOR

Harbor had no service house, and it has been needed for a long time already. After investments the service house is in place. It has the space for harbor office as well as separate section for shower, toilet, and laundry facilities.

List of completed investments

Investment description	Investment group
1. New service house and harbor office	Servicehouse

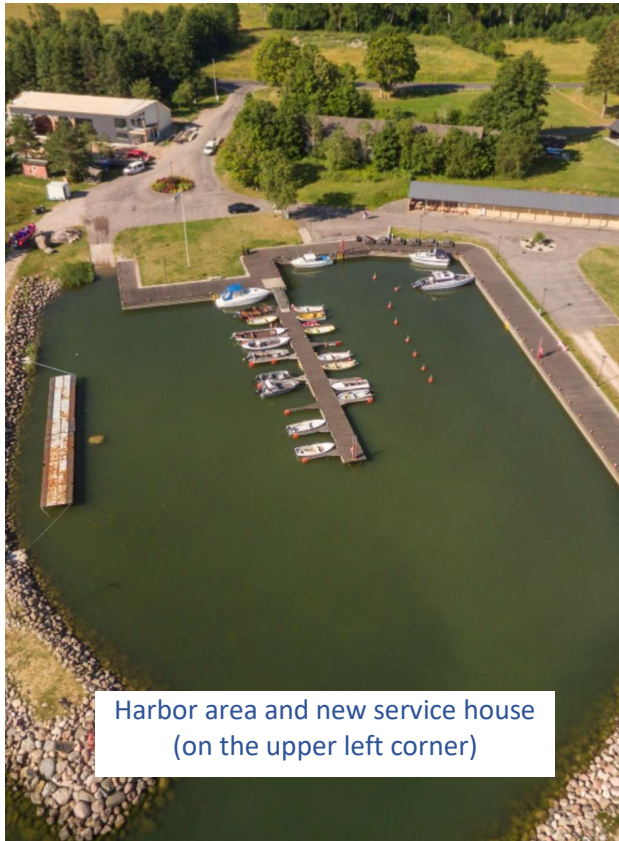


4.4 SOELA HARBOR

Harbor had no service house before. After investments the service house is now up and running. It has the space for harbor office as well as separate section for shower, toilet (handicap access) and laundry facilities.

List of completed investments

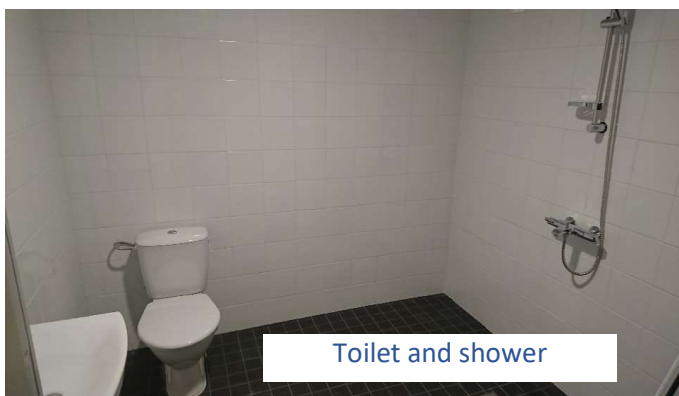
Investment description	Investment group
1. New service building	Servicehouse



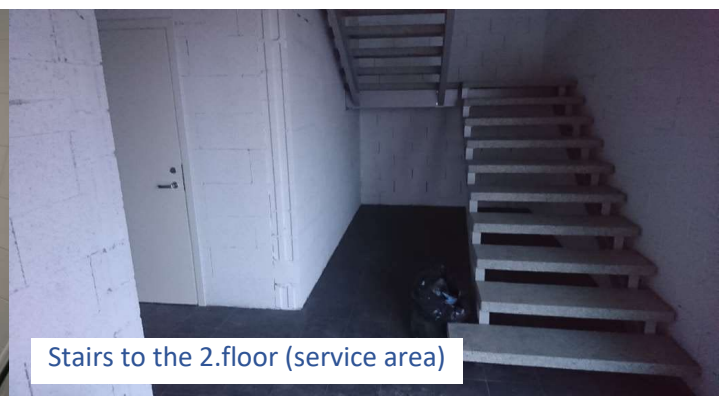
Harbor area and new service house
(on the upper left corner)



New service house



Toilet and shower



Stairs to the 2.floor (service area)