

# Regional report on best practices in Veneto Region

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## 1. Best practices of small ports

 	<h3>BEST PRACTICE REPORT FORM</h3>
<p><b>Best practice title: Wastewater collection and treatment</b></p>	
<p>This practice prescribes the collection and purification of wastewater produced during the everyday activities of a small port.</p> <p>The water coming from dish washing practices is rich of fats and thus it is collected, and the fats are removed before the water can be used for other purposes.</p> <p>The wastewater from the boats is collected and purified. Then it is used as “technical water”, i.e., for cleaning the boats, watering the plants, for toilets or it can be pumped back into the water stream.</p> <p>This best practice is adopted by Marina Fiorita (Cavallino Treporti - VE) and can potentially be adopted by all small ports.</p> <p>This best practice can be improved by enhancing the resource and time efficiency of the water purification process and the purified water can be used for other purposes instead of being pumped back into a water stream.</p>	
<p><b>Please explain potential transferability in region</b></p> <p>This best practice can be potentially adopted by all small ports.</p>	

## BEST PRACTICE REPORT FORM

### Best practice title: LED lights

This practice prescribes the usage of LED lights for illumination. This kind of light bulbs are more energy efficient having a longer life time. The lights also need to be directed to the ground in order to reduce light pollution.

This best practice is adopted by Marina Fiorita (Cavallino Treporti (VE)) and can potentially be adopted by all small ports.

This best practice can be improved by expanding the adoption of this technology.

### **Please explain potential transferability in region**

This best practice can be potentially adopted by all small ports.

## BEST PRACTICE REPORT FORM

### Best practice title: Boats' waste

The waste from boats is collected and stored in a safe place and then it is sent or handled by a company specialized in managing hazardous wastes.

This best practice is adopted by Marina Fiorita (Cavallino Treporti (VE)) and can potentially be adopted by all small ports.

This best practice can be improved by enhancing the effectiveness and efficiency of hazardous waste collection and disposal in order to avoid dangerous leakages.

### **Please explain potential transferability in region**

This best practice can be potentially adopted by all small ports.

## BEST PRACTICE REPORT FORM

### Best practice title: SeaBin

The ability to collect waste dispersed at sea becomes a fundamental issue taking into account the environmental damage that all dispersed plastics are causing. The use of “Seabin”, depicted in the figure below, certainly can be a way to improve the capacity of taking away plastics from the sea. The Seabins, filtering the water inside thanks to a mechanical movement, are able to collect up to 1.5kg of plastic per day (over 500kg / year). Thanks to them, it is possible to remove a significant amount of polluting garbage and, above all, to monitor which objects and what type of waste are disposed incorrectly, studying the underlying problem.

The Marina of the Certosa Island (Venezia (VE)) has installed 3 Seabins throughout the dock, allowing constant monitoring and cleaning in the various mooring points. This best practice can potentially be adopted by all small ports.

A greater diffusion of these tools is a way to create a positive development among small ports.



Figure 1 - The Seabin while it is functioning (Retrieved from: <https://seabinproject.com/>)

#### **Please explain potential transferability in region**

This best practice can be potentially adopted by all small ports.

## BEST PRACTICE REPORT FORM

### Best practice title: Navigation app

The need to develop systems to support navigation is certainly necessary for the qualification of a dock. The use of new technologies can be a way to support this transformation.

The app ensures the safety of all our customers' boats, the sophisticated tide control system signals high tide when the level reaches 70 cm. If the tide reaches 70 cm, the closing time of the port will be signaled, otherwise you can sail safely.

Marina 4 of Caorle - Porto Santa Margherita (VE) offers this service to its clients. This best practice can potentially be adopted by other small ports.

A greater diffusion of these tools is a way to create a positive development among small ports.

### **Please explain potential transferability in region**

This best practice can be potentially adopted by all small ports.