



## Members:

- ✓ KNBF (Royal Norwegian Boating Federation)
- ✓ OBU (Oslofjorden Båteierunion)
- ✓ VFO (Norwegian Organisation for Neighbourhood Groups)
- ✓ KNS (Royal Norwegian Yacht Club)
- ✓ Jotun





## **Purpose?**

Reduce emissions from yachting and yacht maintenance by providing information and guidance for how to implement effective measures at a reasonable cost

# The problem

Approximately 600 000 yachts are cleaned, brushed, and painted annually in Norway. Responsible boat owners must:

- ✓ Collect waste from sanding and scraping
- ✓ Safely dispose of waste paint, debris from sanding and cleaning, batteries, used oils, and other special waste
- ✓ Preferably treat waste water from hosing and safely dispose of the dissolved particles



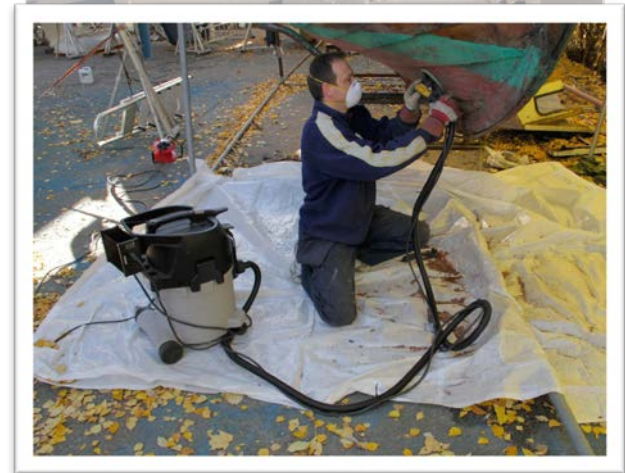
# Standards to meet authorities' requirements

## Standard 1

Eliminates the majority of emissions to the environment

### Requirements:

- ✓ Waste collection point with regular pick-up to an approved waste treatment site. Sheeting during scraping
- ✓ Sanding machine connected to a suitable vacuum cleaner
- ✓ Appropriate information to all boat owners at the site



# Cost

For a marina with 100 boats:

- ✓ Investments: EUR 25 – 50 per boat
- ✓ Annual cost: EUR 10 -15 per boat



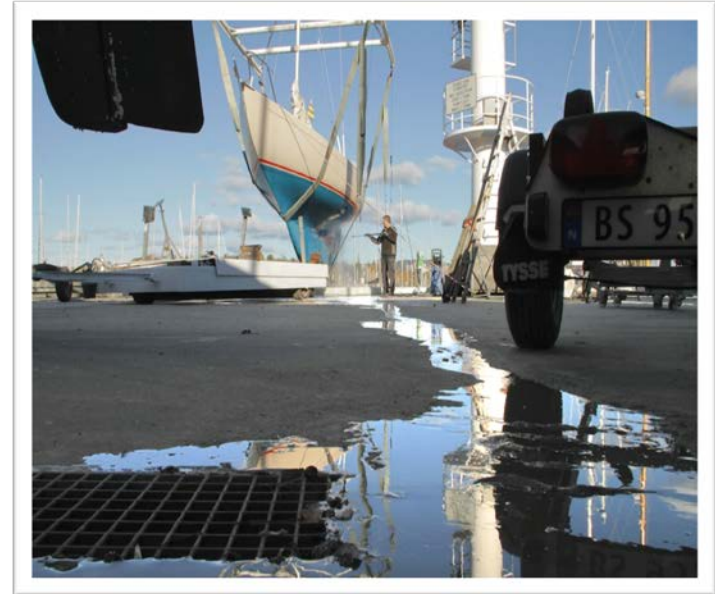


## Standard 2

Also manages water from hosing

### Requirements:

- ✓ Same as Standard 1
- + Hard standing with collection and treatment of waste water



# The boat owners are positive

Experience so far:

- ✓ More efficient boat maintenance and tidying up for owners.
- ✓ What is needed is available at one place
- ✓ Cheaper waste treatment
- ✓ Significantly reduced pollution







# Foreningen Ren Marina

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