The Port of Barcelona is aware of its role in maintaining the health of our environment and in reducing its impact on the air we breathe. That's why it is firmly committed to sustainability as one of the strategic lines underpinning its development over the coming years.

Latitude:41° 21' N
Longitude: 2° 10' E
www.portdebarcelona.cat

The Port of Barcelona Air Quality Improvement Plan is a plan in favour of the air we breathe.

The Port of Barcelona, heading for sustainability

The Port of Barcelona is committed to ensuring its activity respects the environment and, for some years now, it has been actively working to reduce its impact on the atmosphere. This commitment is part of the Port of Barcelona Air Quality Improvement Plan, produced as part of the metropolitan region's Action Plan to improve air quality, horizon 2020, passed by the Catalan government in 2014, as well as the Air Quality Improvement Plan of Barcelona 2015-2018, by the City Council.

The main aim of the Port of Barcelona Air Quality Improvement Plan is to minimise the impact on the air quality in its surroundings, with the objective of reducing the emissions of nitrogen oxides (NOx) and particulate matter smaller than 10 µm (PM10), which are the most problematic air pollutants in the city and metropolitan region.
From an environmental point of view, these European projects are strategic for the Port of Barcelona because they...

The Port is committed to LNG

The Port of Barcelona believes it is important to develop liquid natural gas (LNG) as a more competitive and more sustainable fuel compared with conventional liquid fuels. This initiative is part of the Port's broader commitment to the expansion of LNG terminals worldwide, and environmental arguments. It's also a cheaper source of energy whose price is more stable than conventional fossil fuels.

To increase the share of LNG as a marine fuel and reduce emissions, the Port of Barcelona is working on bringing about a change in legislation so that such environmental discounts could be applied.

Environmental discounts for “cleaner” boats

A key objective is to reduce black smoke emissions from the Port of Barcelona, which the Port is also working on to comply with the Cleanport (Clean Air at Port) firm environmental goals.

BARCELONA CLEANPORT

The Port is also working on bringing about a change in legislation so that such environmental discounts could be applied.

A Port network to monitor air quality

The Port of Barcelona is one of the Mediterranean ports legated and air quality monitoring stations, which monitor air quality and particulate matter (PM10 & PM2.5) and tropospheric ozone (O3). This network is one of the pioneering measures introduced since 1996 to determine the port's environmental impact.

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Air quality monitoring in the Port of Barcelona

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