



Co-funded by  
the European Union

**Sailing in Cartagena,**  
cetacean-friendly port

[lifeportsounds.apc.es](http://lifeportsounds.apc.es)


**Project financed by the LIFE Programme of the European Union**



**Partners and collaborators who combine innovation and sustainability**

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This project, co-financed by the European Union, is part of the LIFE programme with the aim of mitigating the impact of underwater noise on the marine ecosystem. This project is an example of the **Port Authority of Cartagena's** ongoing commitment to sustainability and environmental protection.



## PROJECT OBJECTIVES

To reduce underwater noise pollution in the Port of Cartagena caused by maritime traffic. To achieve this, it focuses on three phases:



**Characterisation:** Monitoring of cetaceans and deployment of acoustic devices in controlled and impacted areas.



**Vigilance:** Noise mapping and cetacean distribution using hydrophones and monitoring campaigns.



**Evaluation:** Development of a noise management tool that integrates physical and biological data to create risk maps and predictive scenarios.

## PROJECT ACTIONS

- **Mitigation:** Implement measures such as vessel speed reduction and alternative routes to reduce underwater noise in protected areas.
- **Replication and transfer:** Adapt and apply these measures in other ports.
- **Monitoring:** Monitor the effects of measures on noise levels and cetacean conservation, evaluating their effectiveness through key indicators (KPIs).

## EXPECTED RESULTS

- **Reduction** of underwater noise by at least 5%.
- **Improvement** of the conservation status of target cetacean species.
- **Development and replication** of mitigation measures in other ports.
- **Environmental benefits.**
- **Reduction of the acoustic** impact on marine fauna.

## ACTIONS AND PARTNERSHIPS

We invite you to be an active part of this **project and to collaborate** in the implementation and dissemination of these initiatives.

The Port Authority of Cartagena is proud to lead this effort and to work together with academic institutions, non-governmental organisations and the **maritime industry to achieve a more sustainable future.**

“These factors have become the main source of continuous noise in the local marine environment.”

