











Partners and collaborators who combine innovation and sustainability



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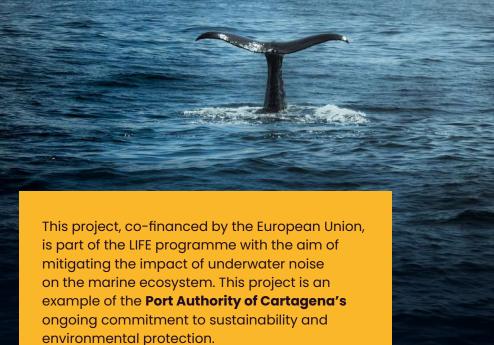




Sailing in Cartagena, cetacean-friendly port

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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.**

