

OPEN DAY ON SEA LEVEL MONITORING IN SPANISH STATE-OWNED PORTS. 2025-2030 EVOLUTION OF THE REDMAR NETWORK IN THE FIELD OF NEW TECHNOLOGIES

The Public Body Puertos del Estado is going to celebrate an Open Day Workshop with the main goal of reviewing the state-of-the-art technology in relation to the monitoring of sea level, agitation and other related parameters for its possible application to the Spanish state-owned ports.

The Open Day, which is an initiative open to all interested institutions and economic operators, is organized to promote technological innovation, disseminate novel instrumental developments for sea level monitoring, proactively stimulate public-private collaboration and eventually contribute to the future development of the REDMAR tide gauges network, managed by Puertos del Estado since 1992, and which currently consists of 41 stations deployed in Spanish ports of general interest.

In this sense, the event will be used to expose the roadmap associated with the renewal, improvement, and development of the REDMAR, including, for example, the installation of redundant sea level sensors, in line with the recommendations from the GLOSS (Global Sea Level Observing System) program.

This initiative is also framed in the current context of climate change, where an accurate monitoring of potential long-term changes in sea level is crucial to assess their impact on ports (both on their infrastructures and their operability) and to implement wise adaptation ad hoc plans.

Puertos del Estado, aware of the need to address this process of renewal, improvement and development of the REDMAR (after more than 30 years in operation), has considered convenient to initiate a preliminary dialogue with the market in order to ensure the continuity of the network with the highest quality standards and the steady incorporation of the latest technological advances.

Likewise, the future renewal, improvement and development of REDMAR, which begins with this open dialogue, must ensure the pioneering and strategic nature of this network as a reflection of the role of Puertos del Estado in the development of monitoring networks and operational techniques in oceanography and marine climatology with undoubted impact on port infrastructure and its management.

The Open Day, which may be attended by any interested institution or economic operator, will begin on Wednesday, February 14, 2024 at 10 am CET at the central headquarters of Puertos del Estado, located at Avenida del Partenón 10, (28042, Madrid). The format of the workshop will be hybrid, being possible both face-to-face and telematic attendance.

The workshop will be opened by the President of Puertos del Estado and will be developed according to the following agenda:

- 10:00 - 10:05: Opening. Álvaro Rodríguez Dapena, President of Puertos del Estado.
- 10:05 - 11:00: Presentation of the REDMAR network (background, situation diagnosis and challenges). Physical Environment Area of Puertos del Estado.
- 11:00 - 11:30 Next steps. Innovative public procurement. Contracting and Physical Environment Areas of Puertos del Estado.
- 11:30 - 13:00: Participatory dialogue with attendees. Exchange of ideas and proposals. Moderated by the Physical Environment Area of Puertos del Estado. Open to all attendees.

Registration is required for the proper management of the event. Registration is free through the following link: <https://forms.gle/ub36FoTHSLZyBkj87>

For any comments or questions, please contact the following e-mail address:

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