

Port of spain environmental sustainability

The Port of Barcelona wants to be a global benchmark in environmental protection and action. The Port's Strategic Plan has environmental sustainability as its pillar and, therefore, seeks to: Develop a new energy model (Energy Transition Plan) Decarbonise port and maritime activity; Improve air quality; Promote intermodality

This research addresses the methodological development for calculation of a Port Sustainability Synthetic Index and, through a variation to this, the relationship that exists between the findings obtained for the economic and environmental dimensions of sustainable development is analysed.

This research confirms the effectiveness of the environmental sustainability planning measures, included in the new port regulations established in Spain in 2010, regarding the mitigation of the impacts of noise pollution arising from port activities.

The Port of Barcelona has set itself the goal of reducing CO₂ emissions by 50% by 2030 and becoming an emissions-neutral port by 2050. Some goals in line with those of the European Union, derived from the Paris agreements and those of the International Maritime Organisation (IMO).

A good example of a sustainability-based approach is the use of analytic tools for measuring air quality in the port environment, as that proposed for a container terminal by (Marinello et al., 2021). In our study, has shown that the use of new technology, as OPS, and renewable energy sources significantly reduce the emission of pollutants and ...

Rent this article via DeepDyve

Institutional subscriptions

In addition to the editor, the authors wish to appreciate the anonymous reviewers for their constructive comments and their gratitude to Puertos del Estado for providing them with the data and necessary information to carry out this study.

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Received: 29 June 2019

Accepted: 09 December 2019



Port of Spain environmental sustainability

Published: 12 December 2019

Contact us for free full report

Web: <https://kary.com.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

