



## «Green and Connected Ports» (GREEN C PORTS)

**Programme** CEF (CONNECTING EUROPE FACILITY 2014-2020)

**Project** The project relates to the installation of a network of sensors that measure environmental and meteorological data (temperature, atmospheric pressure, humidity, air quality, noise, vehicle emissions), the pilot implementation of a technology platform for monitoring the 6-port environmental footprint, and the modeling of artificial intelligence algorithms in order to provide real-time information to port staff, municipal authorities and supply chain members working with ports.

The purpose is to upgrade the existing atmospheric and acoustic ambient and noise monitoring program by placing metering stations at the focal points of the port and mobile sensors on coaches and lorries in order to enable real-time measurement of the desired environmental parameters. In addition, a relevant online platform will be implemented

**Role of Municipality of Piraeus** In Piraeus will be installed: 8 sensors for measuring temperature, air pressure and humidity, 8 for measuring air quality, 6 noise sensors and 10 mobile sensors for measuring vehicle emissions.

**Partnership** Fundación de la Comunidad Valenciana para la Investigación, Promoción y Estudios Comerciales de Valenciaport

Autoridad Portuaria de Valencia Οργανισμός Λιμένος της Βαλένθια (APV)

dbh Logistics IT AG

North Adriatic Sea Port Authority. Ports of Venice and Chioggia:

Institute of Communication and Computer Systems

Baleària Eurolíneas Marítimas S.A

VIRA GAS IMAGING, S.L

Municipality of Piraeus

Piraeus Port Authority

Zen Travel Touristikes Epixeiriseis Etairia Periorismenis Efthinis

Global Maritime Enterprises LTD

Gas To Move Transport Solutions S.L.

**Duration** 48 months (Apr. 2019 – Mar. 2023)

**Budget** 157.500 €