

# MID ATLANTIC SHIP REPAIR & SUPPLY SUMMIT

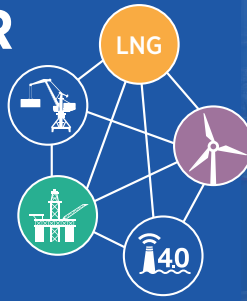
LAS PALMAS PORT

LAS PALMAS DE GRAN CANARIA  
AUDITORIO ALFREDO KRAUS

4-5  
APRIL  
2019

Port Services  
Economic & Tax Regime  
4.0 Industry: Smart Port  
& Smart Shipyards

New Fuels &  
Emissions Regulations  
Repairs in the offshore  
marine renewable energy field



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SHIP TECHNOLOGY

## 4 APRIL 2019

### SESSION I

#### The Port of Las Palmas. Incentives and Experiences

Las Palmas Ports and its flagship, La Luz Port and Las Palmas have one of the most enviable site and geo-strategic location in the world. Located in the Canary Islands, Spain, it is the southernmost port of Europe, in the middle of the Atlantic Ocean, very close to the African continent, only 80 km away from its coast, keeping an excellent communication through our shiplines.

The Port is best-known for being a great Service Port, able to offer all the services the ships and logistic companies require: draughts up to 22 m, 14 km of mooring, tugs, cranes, ship repairs, bunkering, goods transportation, container terminals, etc.

### SESSION II

#### Industry 4.0 and Smart Shipyards

As a result of the progressive implantation of the Industry 4.0 paradigm, shipyards and naval workshops are also embracing this revolution. Challenges include: improved identification, traceability, indoor location, all of them from production and through their life, additive manufacturing, etc. improving productivity and safety. Talks and discussions among the forefront of the 4.0 revolution in the naval and port industries will lead this session.

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### SESSION III

#### New Strategies within the IMO Emissions Regulation

The International Maritime Organization has a series of regulations in place to address air pollution from ocean-going vessels and also has plans to tackle greenhouse gas emissions. New fuels and approaches to converge with this regulation will be discussed. LNG being one of the important options, even more taking into account the gas fields offshore Mauritania and Senegal.

### SESSION IV

#### Marine Renewable Energies

The Canaries have officially proposed to reach 2025 with 45% of their demand for electricity covered with renewable sources, through the expansion of their renewable energy park, now comprised of 153 MW of wind and 166 of solar, but this entails consuming a lot of land, a very scarce commodity on any island. In the Canaries there are aprox. 1500 km<sup>2</sup> of marine area, which represents less than 5% of territorial waters, that could be used for wind offshore energy, able to produce aprox. 86.000 GWh per year, nearly 10 times the total annual electricity consumption of the islands. The Port of Las Palmas can play a fundamental role in order to provide support in the value chain of the marine renewable field and to attract operators.