



LIMASSOL MUNICIPALITY



FREDERICK UNIVERSITY



**BLUE LIMASSOL
FORUM
2020**

LNG Bunkering at Limassol Port: A Greener Alternative

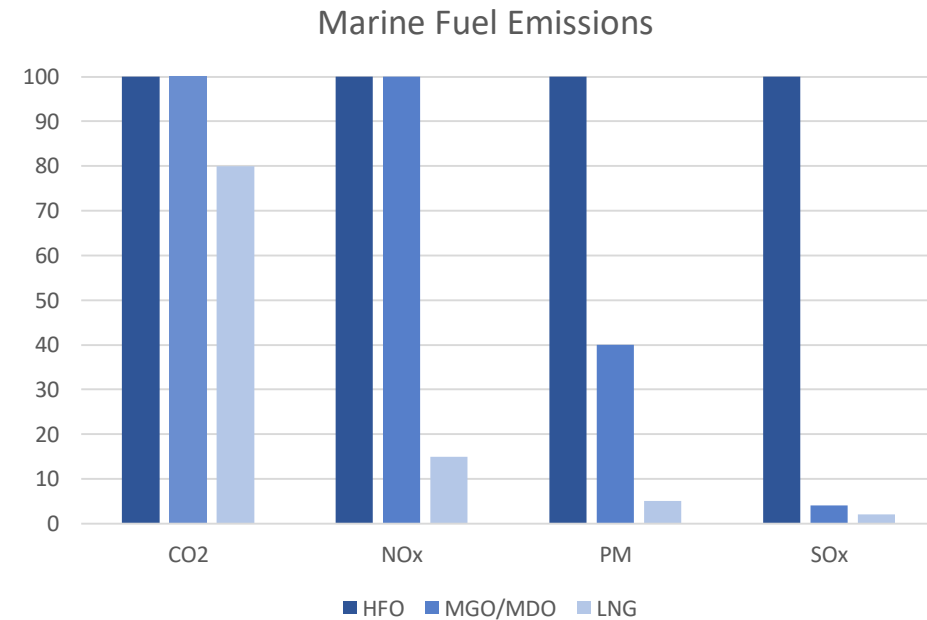
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What is LNG?

In order to transfer natural gas more efficiently, the gas is liquified by cooling it down to -162 degrees Celsius. 600 cubic meters of natural gas becomes 1 cubic meter of liquified natural gas (LNG)



Amongst others, LNG can be used as a marine fuel, alternative to the traditional fuels such as Heavy Fuel Oil (HFO) and Marine Gas Oil (MGO), with significantly reduced harmful emissions



The BlueHubs project

LNG infrastructure in Limassol

Budget:
EUR 32,858, 00

CEF
FINANCING:
EUR 9,857,400

- Construction of an **LNG Bunkering Vessel** based in the Port of Limassol
- **2 Mobile LCNG Stations**
- **3 LNG Tanker trucks**



The BlueHubs project

LNG infrastructure in Limassol

LNG Bunkering Vessel based in the port of Limassol, with total capacity of approx. 3.000 m³

- Loading from the FSRU
- Supply LNG fuelled Vessels at:
 - a) Limassol Port
 - b) Offshore Bunkering
- Transfer LNG to LNG Trucks and Mobile LCNG Stations



Environmental benefits

Marine

Creating the infrastructure for LNG bunkering therefore reducing the emissions of the area by attracting more LNG powered vessels

- LNG Carriers
- LNG Powered Cruise Vessels
- LNG Powered Support Vessels



Environmental benefits

Land based

Through the supply of LNG and CNG in the Limassol industry as an alternative power option, the infrastructure for reducing harmful exhaust by-products released to the atmosphere is created

- Automotive
- Hospitality
- Industry





Thank you!!