



The  
**Blue Mobile Energy Sources**  
Company

# Company Presentation



for Customers



BLUE MOBILE  
ENERGY SOURCES



# Introduction



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# Introduction



The Blue Mobile Energy Sources (BMES) Company has been founded in the year 2020 as an Independent Company in order to deliver electrical power from a mobile barge or ship from waterside to landside.

Based on our market analysis we have seen a worldwide increase in demand for Electricity to be delivered from waterside to landside in coastal areas around the globe. Many regions are electrically undersupplied or need fast support due to environmental or other impacts. Therefore small and solid barges are the main focus at BMES to moor in all coastal areas.

This led us to the motivation that BMES builds and operates the sources as our barges and ships on its own behalf and supplies electricity to any location like harbours, ports, towns or even islands.

# Introduction



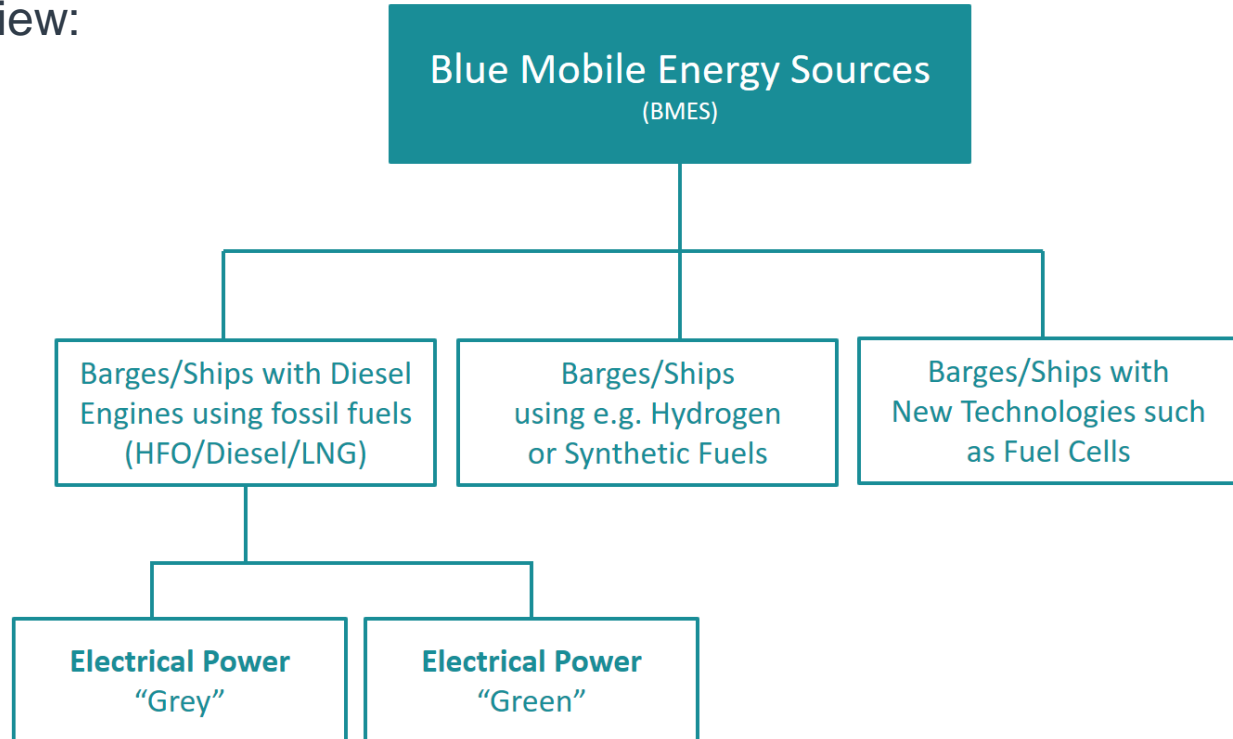
The company has its own Management with Project Managers, Naval Architects, and Superintendents as well as highly qualified mechanical and electrical staff on board to ensure an agreed PPA from all of our barges and ships. With this team we believe to provide to our customers a simple, robust and reliable solution in delivering electrical power from our sources to them.

BMES has sources with different power capacities and are designed with a range from 30 up to 40 MW in order to provide an electrical power output from 225 up to 300 GWh per year.

Besides existing engine combustion technologies for burning HFO, Diesel and Natural Gas (NG) we have a strong focus on sustainable New Technologies & Fuels in order to provide **Green Energy** if requested or required.

# Introduction

Schematic overview:





# Fleet Overview



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# Fleet Overview

## BMES Power-Barge 01

**Non self-propelled barge**  
Schematic representation

In the planning phase  
with a lead time  
of 6 to 9 months

**Engines & Steam Turbine / ORC**  
4x Diesel Engines with 50 Hz



## Barge Electrical Output

Engine Fuel (HFO or Diesel):

up to 30 MW

Annual Electrical Power Output:

up to **225 GWh** per year

# Fleet Overview

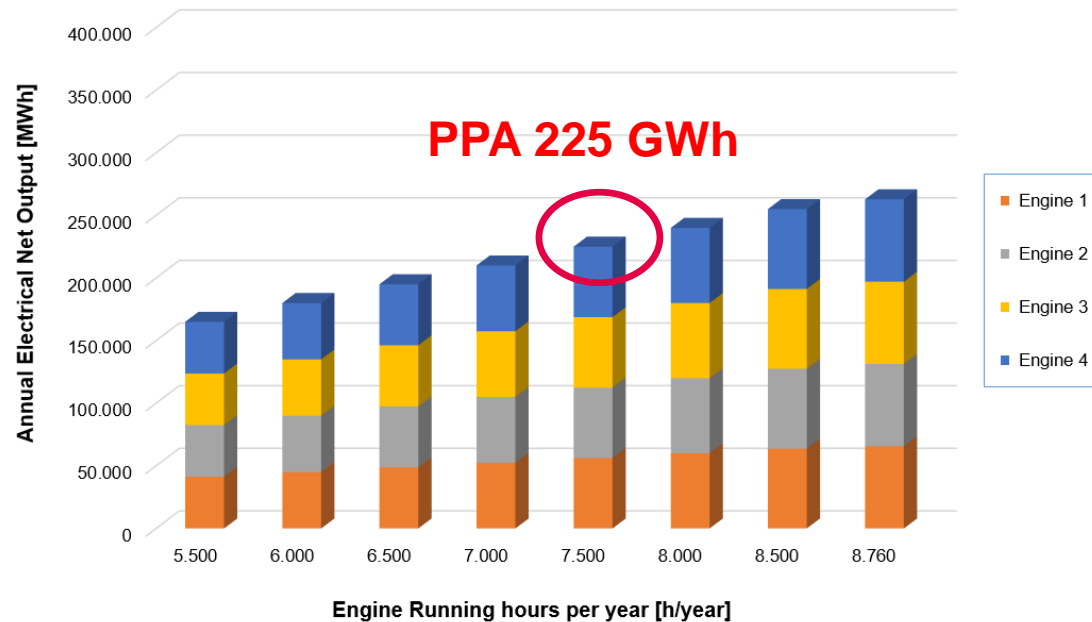
## BMES Power-Barge 01

The amount of fuel required can be provided by the Customer, either by land or sea, or organized by BMES.

Guaranteed Energy Amount in a Power Purchase Agreement (PPA):

up to **225 GWh** per year

Electrical Power Output of the Power Barge  
BMES PB-01 30MW





# Fleet Overview

## BMES Power-Barge 02

**Non self-propelled barge**  
Schematic representation

In the planning phase  
with a lead time  
of 6 to 9 months



**Engines & Steam Turbine / ORC**  
4x Dual-Fuel Engines with 60 Hz



## **Barge Electrical Output**

Engine Fuel (HFO, Diesel or LNG):

up to 40 MW

Annual Electrical Power Output:

up to **300 GWh** per year

# Fleet Overview

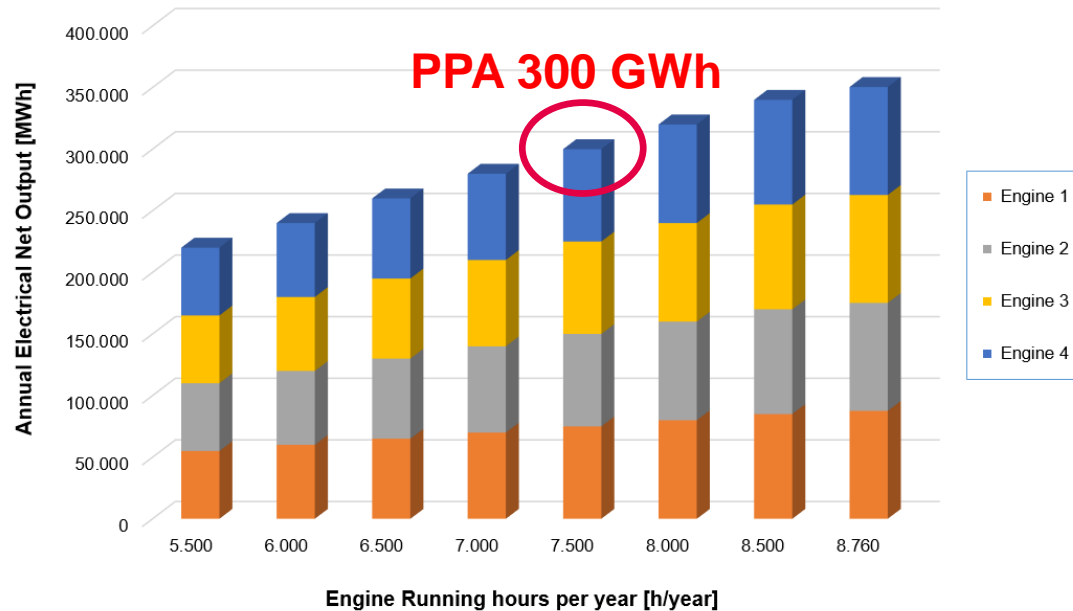
## BMES Power-Barge 02

The amount of fuel required can be provided by the Customer from land or sea, or organized by BMES.

Guaranteed Energy Amount in a Power Purchase Agreement (PPA):

up to **300 GWh** per year

Electrical Power Output of the Power Barge  
BMES PB-02 40MW





# Summary



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# Summary



BMES offers reliable Energy Sources at sea that provides a simple, robust and reliable solution for a fast electrical power supply wherever needed at the coast.

In a customer order to extend or build a harbour, support a village, town or even to support a land based power plant while under construction, BMES will help even when there is no existing infrastructure available.

Our customers benefit from our high efficiency barges and ships with great accessibility from waterside. This means that a very good electricity price can be found for your situation.

# Summary



In regard to your individual project we are prepared to create a comprehensive offer which includes all data as far as costs, lead time and special requirements.

If you are looking for such support of your electricity needs, please do not hesitate to contact us.

# Summary



Thank you very much for your attention!



# Contact Us



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# Contact Us

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## Blue Mobile Energy Sources

BMES

An European company established since 2020.

Send an email:



[bmes\\_info@gmx.net](mailto:bmes_info@gmx.net)



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## Disclaimer

All data provided in this document is non-binding.

This data serves informational purposes only and is especially not guaranteed in any way. Depending on the subsequent specific individual projects, the relevant data may be subject to changes and will be assessed and determined individually for each project. This will depend on the particular characteristics of each individual project, especially specific site and operational conditions.