

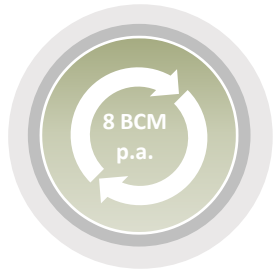
# LNG Terminal Stade

Feb.2019



# Basic Benchmark Data of the Project

Infrastructure to diversify energy supply and support climate targets



Gradual expansion of the LNG terminal with an initial capacity of **8 billion m<sup>3</sup> LNG** (per year)



More than **250,000m<sup>2</sup> of available open space** for the construction of the LNG terminal and later expansion



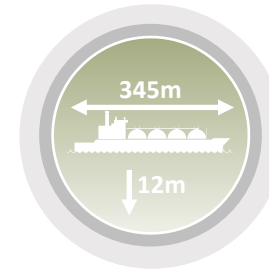
**Thermal coupling** with neighboring Dow plant leads to **high efficiency in the regasification of the LNG**



Investment of approx. **900 million euro** for the construction of the LNG terminal expected



**Proximity to Dow Chemical** as a bulk purchaser of natural gas and other major gas consumers offers logistical benefits



Previous planning for **ship sizes up to Q-Max** will continue to ensure the competitiveness of the terminal in the future

Stade fulfills all criteria for a successful and cost-efficient establishment of an LNG terminal and also offers enough capacity in the long term with up to 12 BCM p.a.

## Benefits of the Dow site in Stade for an LNG terminal

1

### **Low additional costs:**

Access to the German natural gas grid at the Stade site without the construction of new pipeline capacities of up to 8 BCM per year

2

### **Zero Emission Terminal:**

The energy network with Dow does not generate any additional CO<sub>2</sub> emissions during the regasification of liquid natural gas

3

### **Dual-Use Port:**

Dow and the LNG Terminal are planning to build a joint new port for handling LNG and raw materials / products from the chemical site. This reduces the specific investment volume of the terminal

4

### **Cost benefits:**

Many synergies at the site reduce the operating and investment costs of the terminal

5

### **Safety:**

Experience with liquid gas handling and high safety standards at one of the largest chemical sites in Europe

6

### **Customer proximity:**

High gas extraction potential at the location in Stade by the local industry and the proximity to Hamburg