

WHAT?

LNG Infrastructure investment Framework

Balancing Security, Sustainability, and Affordability.

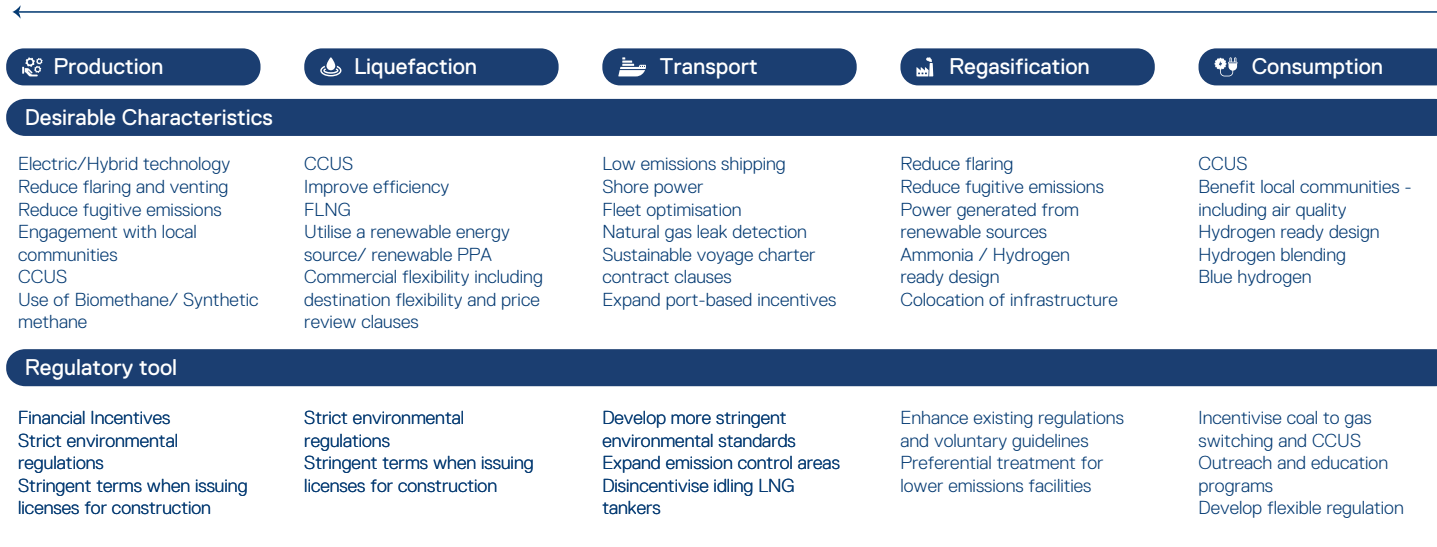
Aim of the investment framework

To demonstrate how investment in LNG infrastructure can be made in a way that prioritises ESG concerns, cost effectiveness and supports long term energy transition objectives.

The intended target audience

Project developers, lenders & government bodies. Four key lenses have been used to examine what effective investment in LNG infrastructure looks like, these lenses are: ESG, Commercial, Integrated Energy Systems and Government & Regulatory. The framework will allow these major stakeholder groups to identify and influence optimal investments and steer responsible development.

Value Chain



Impact on Emissions

1

Coal to LNG switching

Could reduce emissions by up to 45% for electricity and 16% for heating. This is particularly important for low energy maturity markets.

2

LNG abatement technologies

Could reduce emissions from LNG by 20% for electricity and 16% for heating. These technologies are particularly important in high energy maturity markets.

3

Further emissions reductions

Could be achieved through the use of CCUS technology particularly in the liquefaction and combustion stages of the value chain.