



# Spotlight on: Green methanol as a shipping fuel



# What is green methanol?

Methanol is a clean-burning fuel that has less and non-toxic emissions. It is a highly efficient fuel with an energy density of 15.8 MJ/J (three times higher than compressed hydrogen\*)

Green methanol is methanol produced from renewable feedstocks.

\*source: ICF



# Why green methanol?

It is an important fuel option for the decarbonization of industries like shipping that are hard to electrify.

OCI's biomethanol provides a 65% GHG reduction\*

(\*versus the fossil benchmark of  $94\text{gCO}_2\text{eq/MJ}$ , based on a lifecycle basis)





OCI's green  
methanol is the  
first available  
at commercial  
scale



IT'S AVAILABLE NOW

IT'S PRACTICAL

As a liquid, it is relatively easy, and cheap to store, transport, and handle





It's already widely handled and transitions seamlessly with existing fuel infrastructure in over 100 ports worldwide



IT'S SAFE



# CASE STUDY

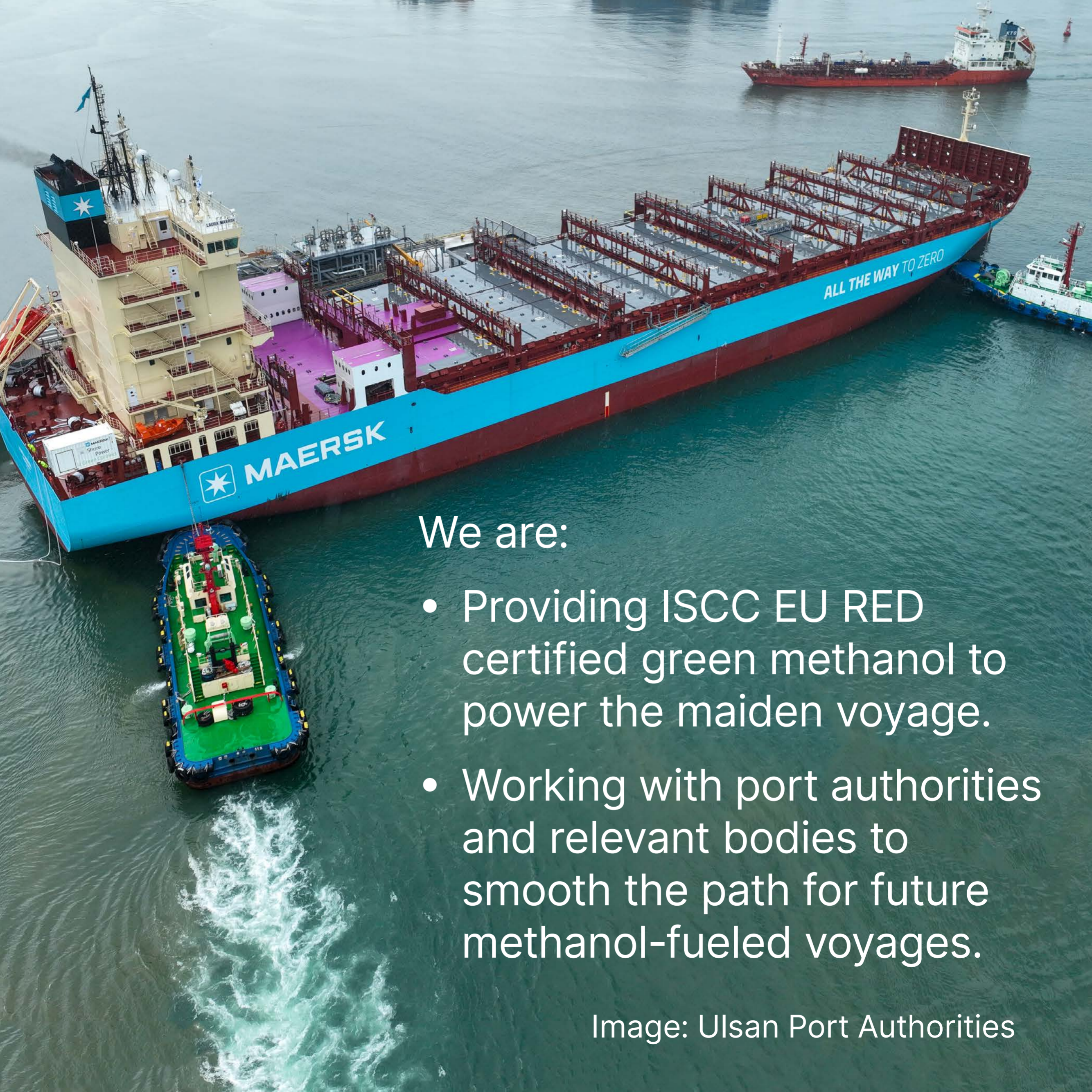
## Fueling the first green methanol powered container ship

The vessel set off from Ulsan in July and will sail along one of the world's busiest shipping routes to Northern Europe via the Suez Canal, bunkering at several major ports on its journey.

Image:  
Ulsan Port  
Authorities







We are:

- Providing ISCC EU RED certified green methanol to power the maiden voyage.
- Working with port authorities and relevant bodies to smooth the path for future methanol-fueled voyages.

Image: Ulsan Port Authorities



# Find out more

OCI is the world's largest producer of green methanol and only global commercial-scale supplier today

