



METHANOL AS A MARINE FUEL

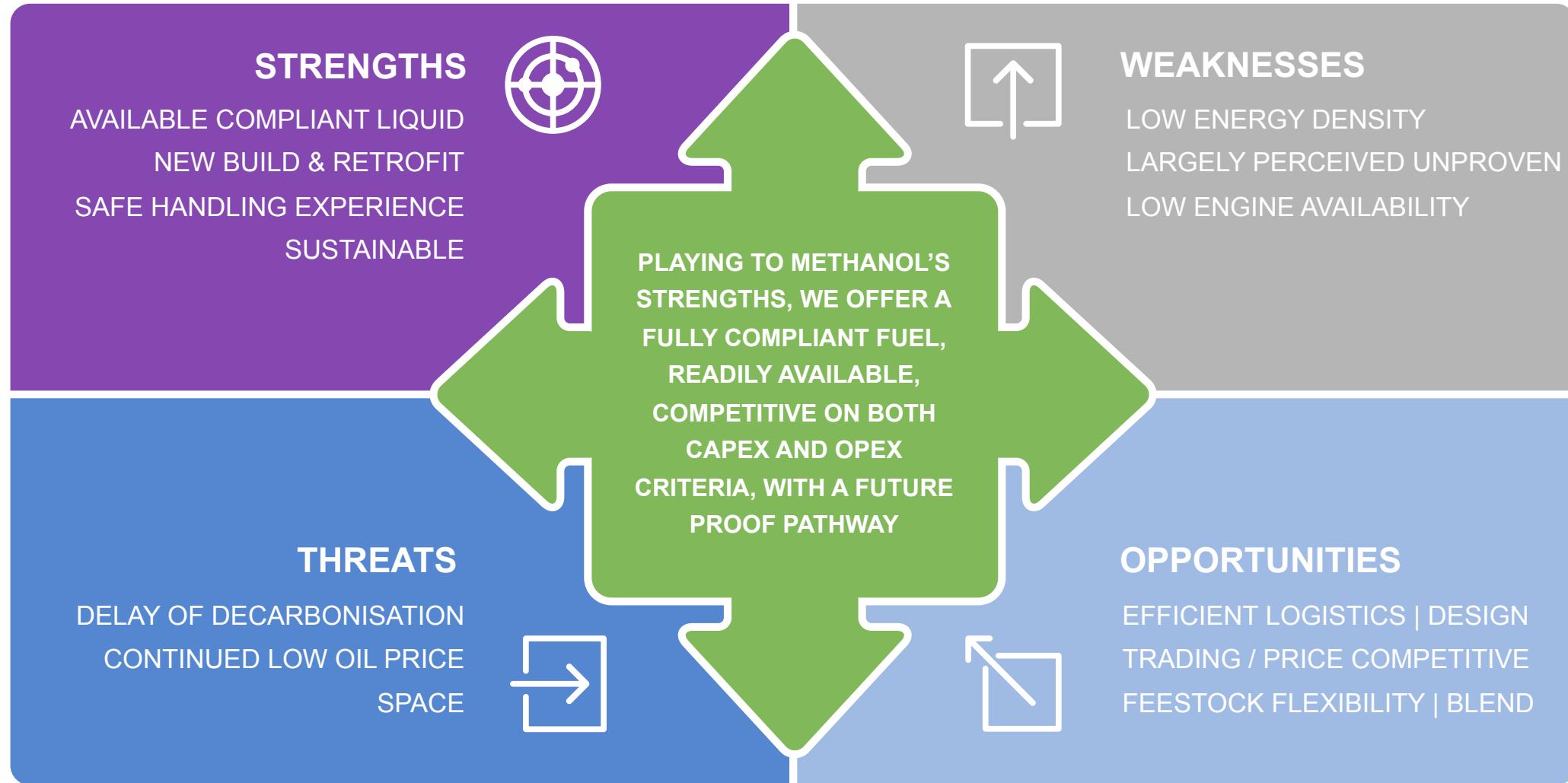
Chris Chatterton, COO

Energy Institute Asia Pacific: Future Fuels – Technology and Infrastructure Readiness

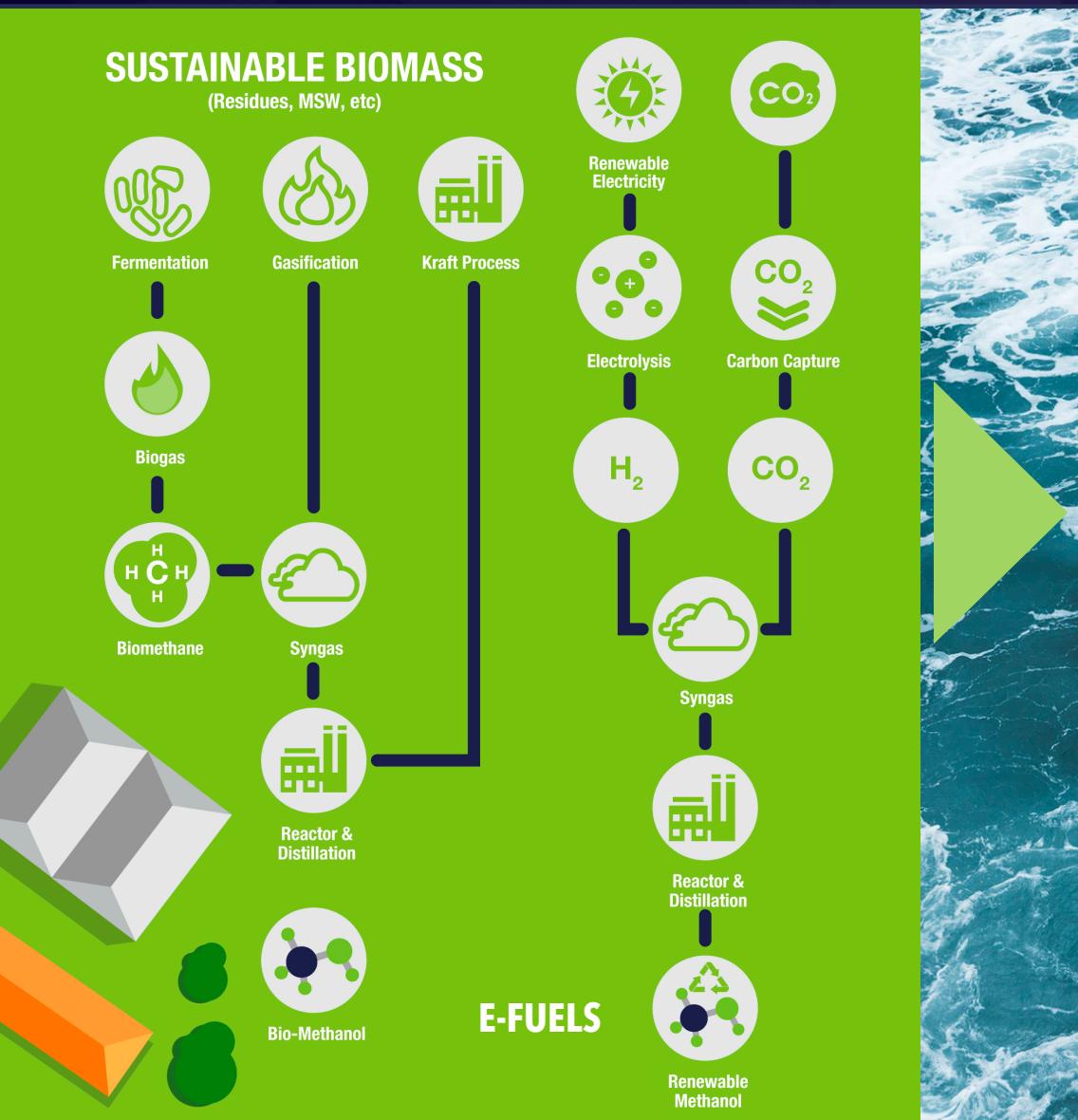
June 4, 2020

Singapore | Washington | Brussels | Beijing

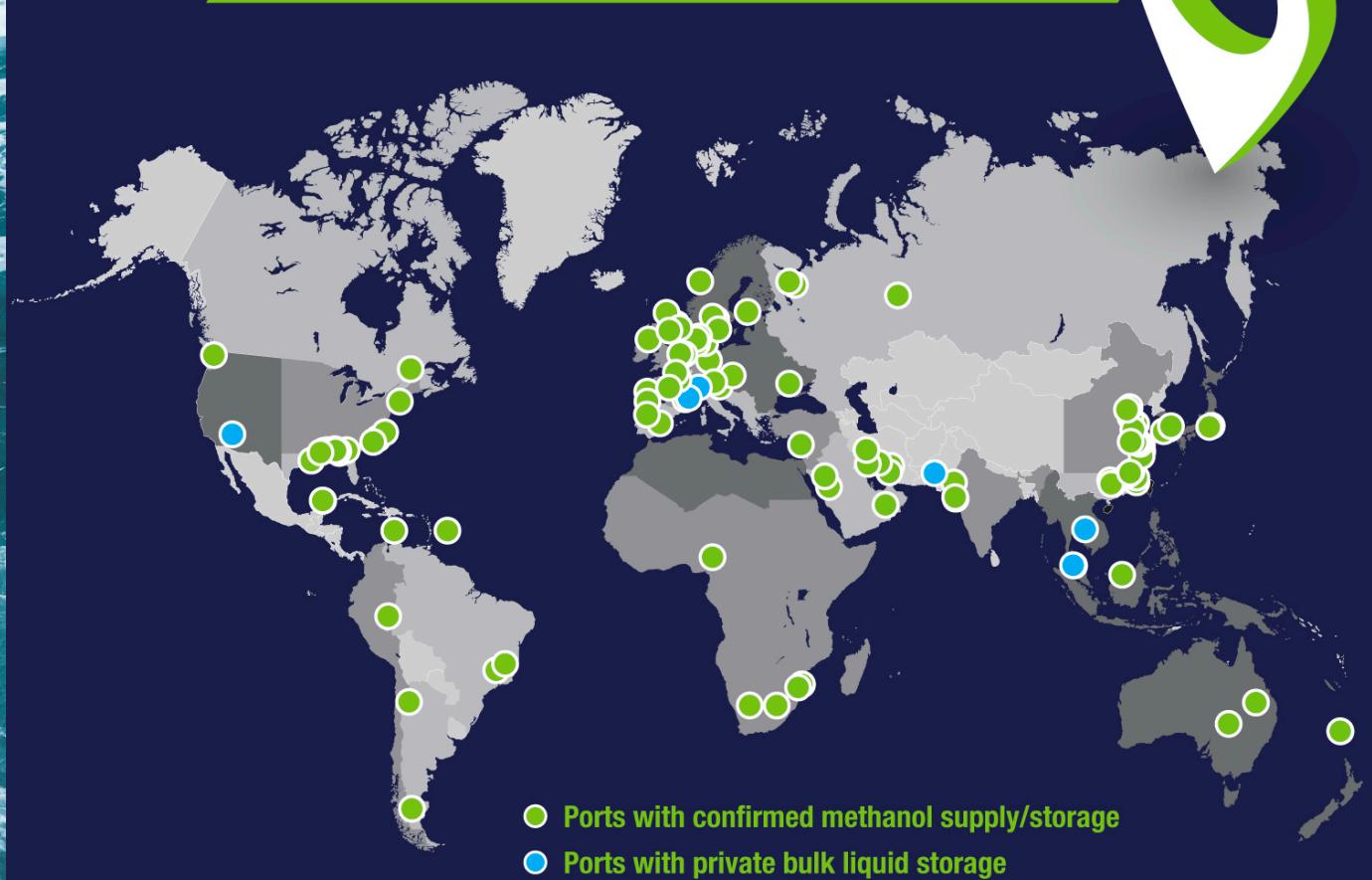
SWOT



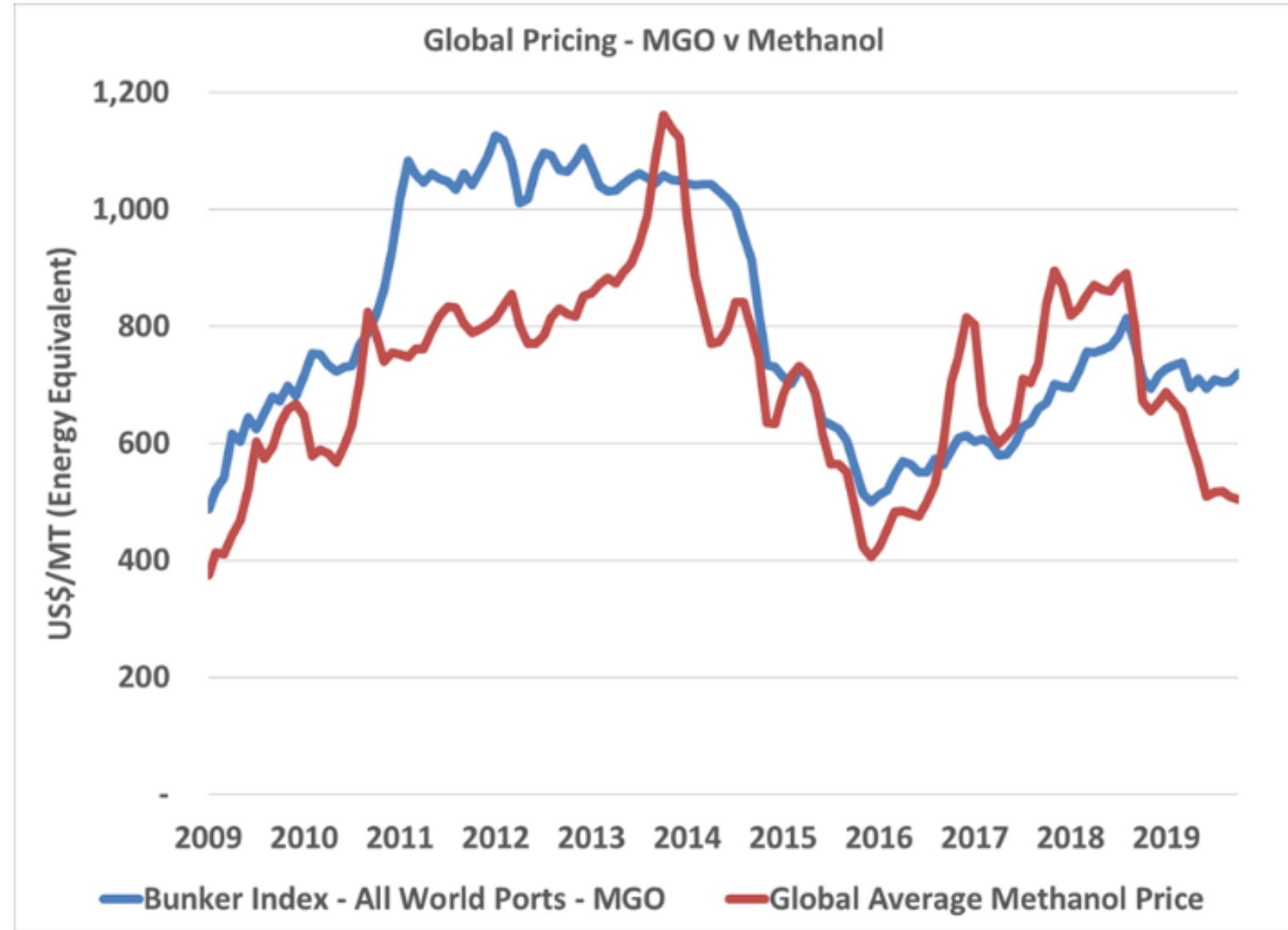
Brown, blue or green – sustainable & available



METHANOL AVAILABLE IN
OVER 100 PORTS TODAY



Easily bunkered & competitively priced



LR & UMAS Techno-Economic Assessment on Zero Carbon Fuels

Report focuses on the three primary pillars of the adoption of zero-carbon fuels when compared with traditional fossil-based fuels, or their readiness from the perspectives of:

Community 

Technology 

Investment 



Community:

- fuel supply chain, both in terms of the availability in the quantities required and the land-based infrastructure for production, supply and distribution

Technology:

- Current barriers to market uptake, with screening and assessment undertaken on a fuel-agnostic basis, intended to help the industry identify opportunities for new approaches
- Onboard procedures for bunkering, on-board storage, processing, conversion and propulsion

Investment:

- Examination of energy source price scenarios
- Ship-specific case studies
- Total cost of operation
- Fuel related voyage costs
- Impact on cargo carrying capacity
- Sensitivity analysis
- Lifecycle emissions and the evolution of the energy landscape in other sectors to provide the context of the wider energy and industrial sectors