

# A.P. Moller - Maersk:

## Methanol sustainability requirements



### Requirements



#### Certification, documentation, and proof of sustainability

- The end-product must be certified by a 3<sup>rd</sup> party to ensure its sustainability
- Maersk accepts RSB EU and ISCC EU certification schemes
- The end-product must have a proof of sustainability (POS) under a RSB or ISCC to support any emission saving claims



#### Feedstocks, accepted

- Maersk only accepts wastes, residues and by-products as feedstocks incl. captured CO<sub>2</sub> of biogenic origin and direct air capture. Forestry waste and residues must originate from FSC certified forest or equivalent
- Hydrogen must be produced from electrolysis of water. For e-methanol additional renewable electricity must be supplied in accordance with the Renewable Energy Directive (Directive 2018/2001 and 2023/2413) and II incl Delegated Act Article 27(3) for RFNBOs and amendments



#### Feedstocks, not accepted

- Any first-generation crops
- Any first-generation woody biomass
- Any feedstocks related to the palm oil industry
- Feedstocks of fossil origin
- Hydrogen produced from natural gas with and without carbon capture



#### Lifecycle GHG savings

- Projects are evaluated based on the ISO 14040-series standard for lifecycle assessment with a consequential approach
- Bio-methanol must meet the minimum GHG reductions of the EU Renewable Energy Directive 2018/2001 and 2023/2413 of 65%
- E-methanol and RFNBOs must meet the minimum reductions in Article 25(2) of the EU Renewable Energy Directive (2018/2001) of 70%