



Methanol Institute – MMSA Low Carbon Methanol Forum

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Singapore | Washington | Brussels | Beijing | Delhi

Members



Tier 1



Tier 2



Tier 3

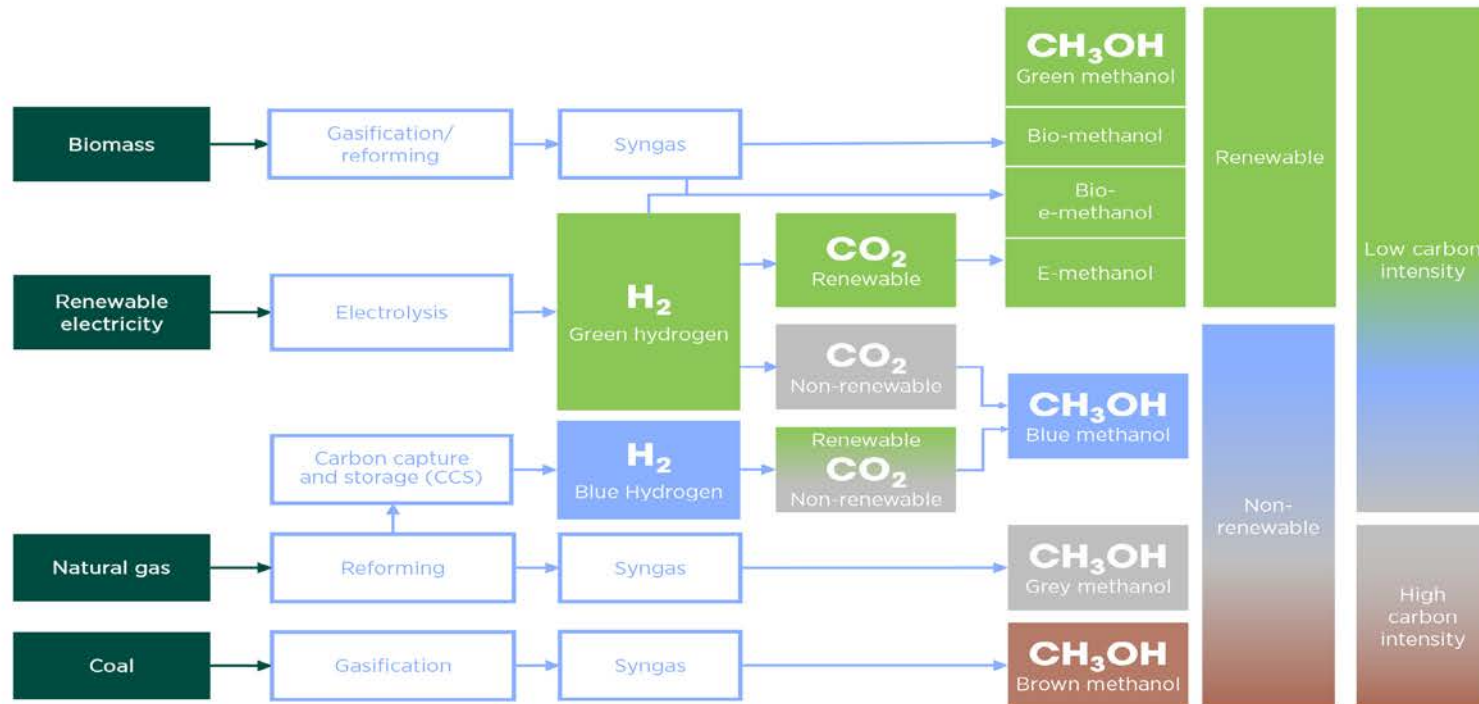


Tier 4



Brown, Grey, Blue and Green

Figure 2. Principal methanol production routes



Renewable CO₂: from bio-origin and through direct air capture (DAC)

Non-renewable CO₂: from fossil origin, industry

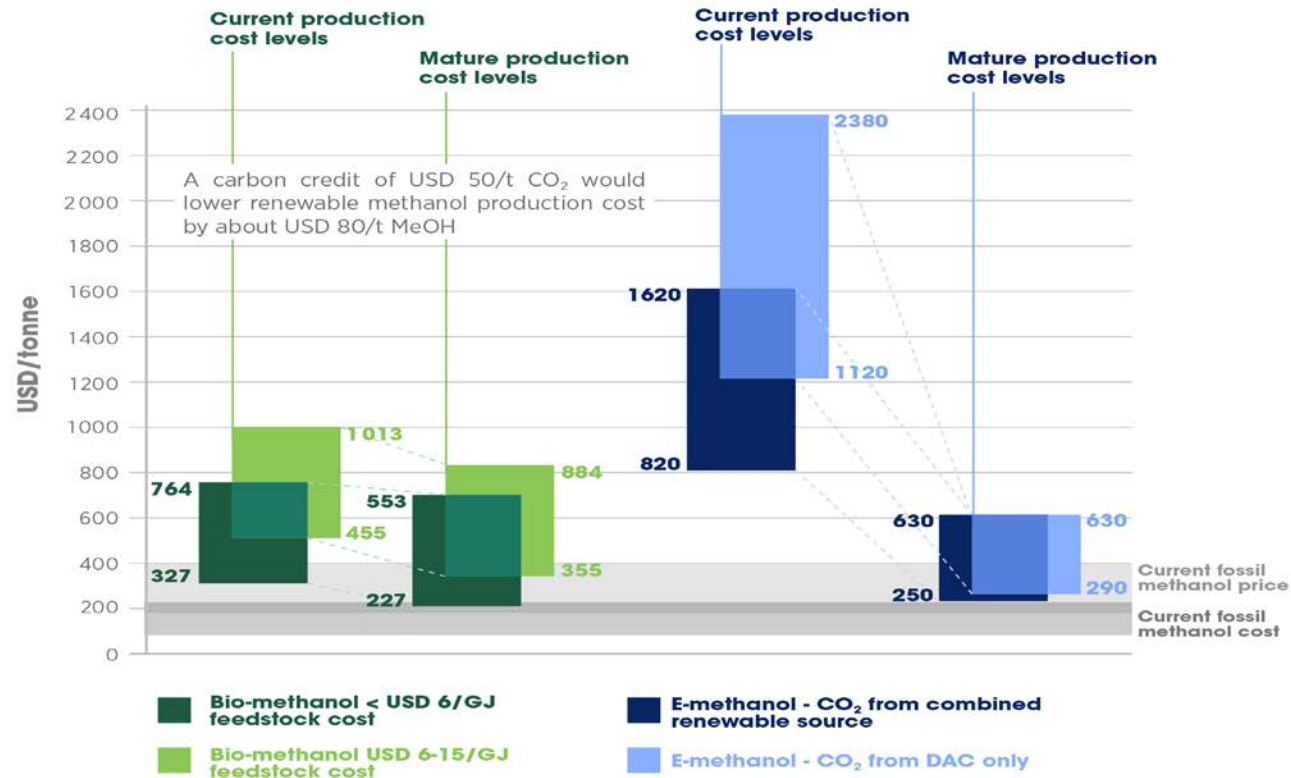
While there is not a standard colour code for the different types of methanol production processes; this illustration of various types of methanol according to feedstock and energy sources is an initial proposition that is meant to be a basis for further discussion with stakeholders



<https://www.irena.org/publications/2021/Jan/Innovation-Outlook-Renewable-Methanol>

Cost of Production

Figure 3. Current and future production costs of bio- and e-methanol

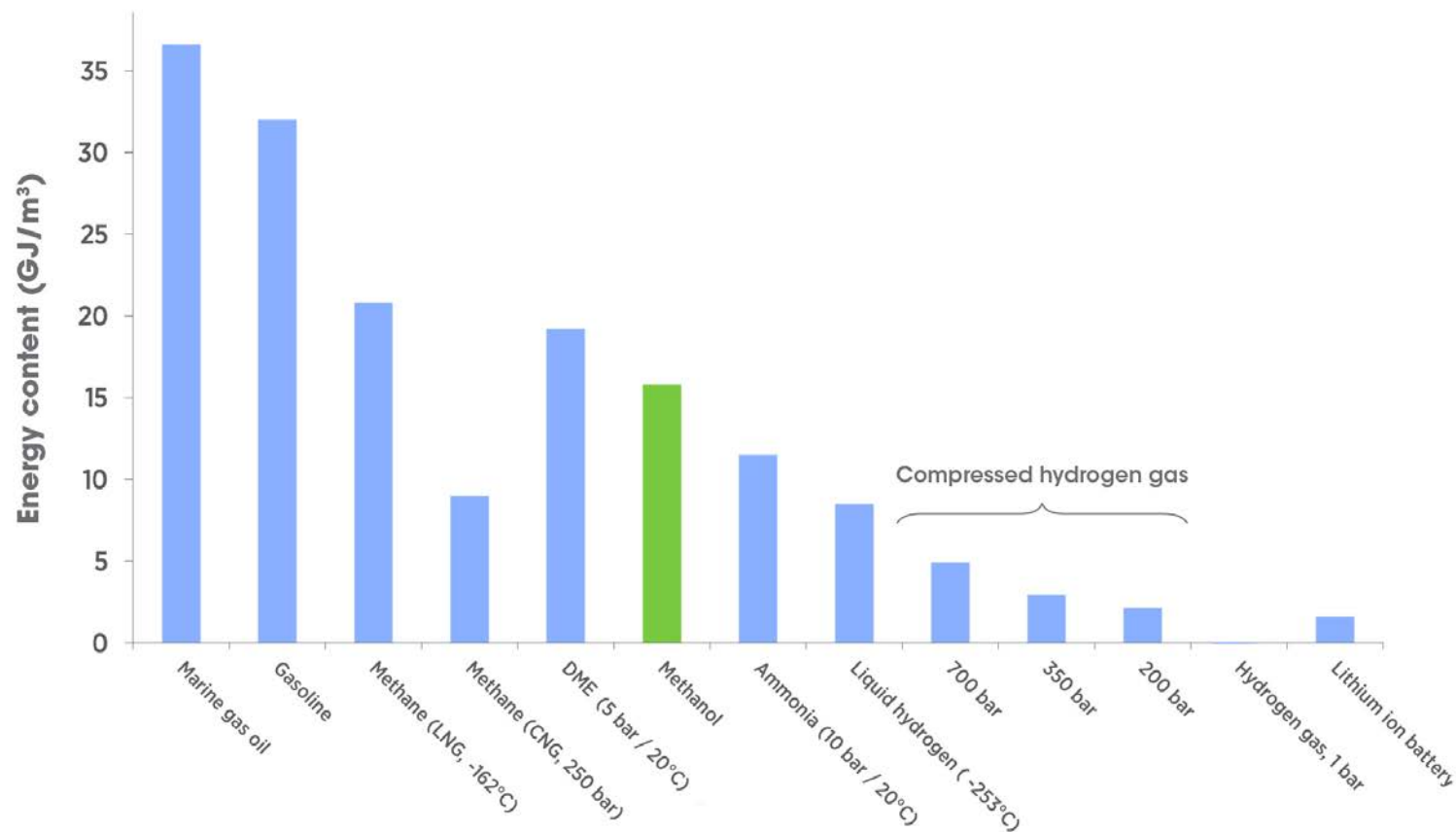


Notes: MeOH = methanol. Costs do not incorporate any carbon credit that might be available. Current fossil methanol cost and price are from coal and natural gas feedstock in 2020. Exchange rate used in this figure is USD 1 = EUR 0.9.



Fuel Comparison

Figure 31. Volumetric energy content of various fuels



Fuel Use Developing Globally



Our Contacts

