

Supplementary Material

1 FIGURES

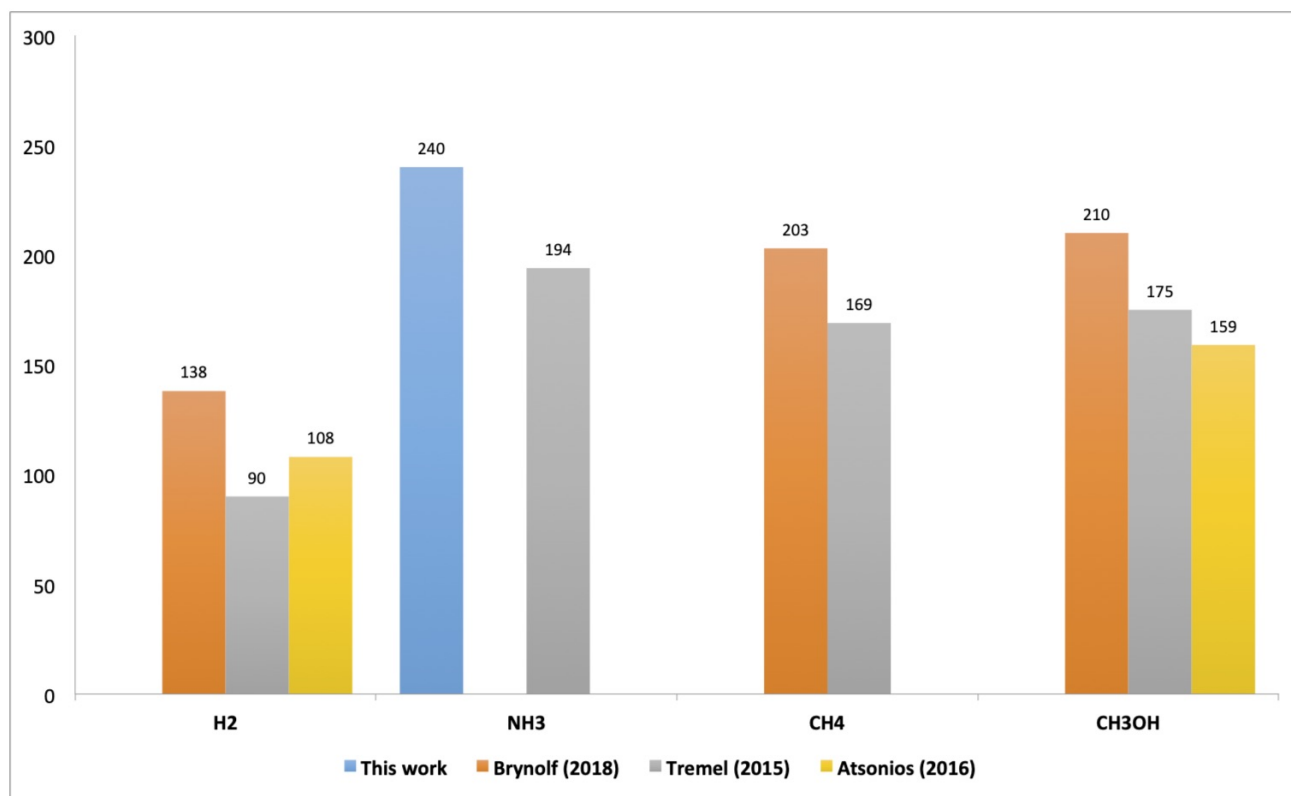


Figure S1. Production costs for each fuel in $/\text{MWh}_{fuel}$ - based on (Brynolf et al., 2018; Atsonios et al., 2016; Tremel et al., 2015)

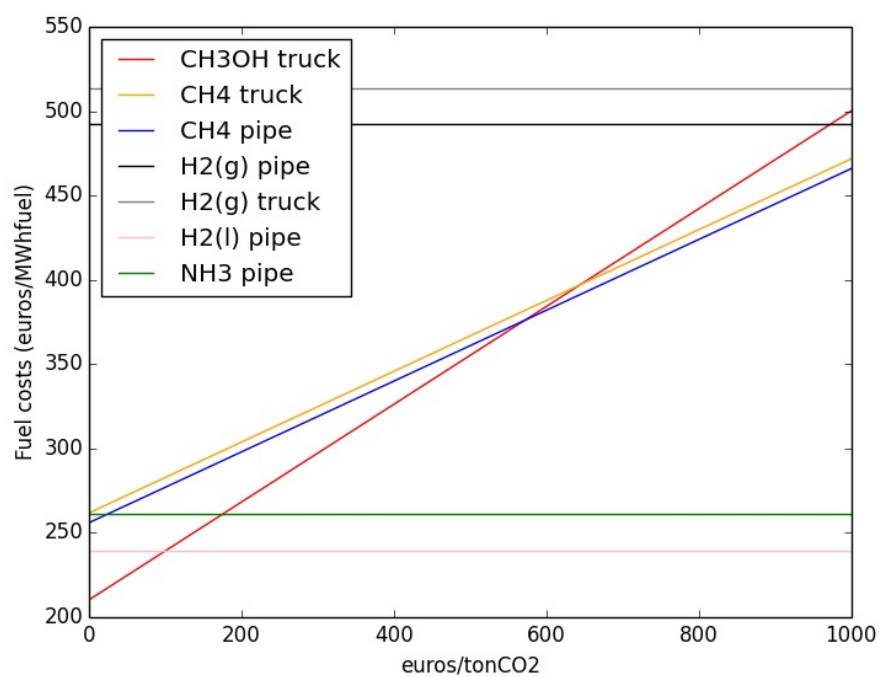


Figure S2. Fuel costs (production, conversion, storage, transport) in /MWh_{fuel} according to the CO₂ costs

REFERENCES

- Atsonios, K., Panopoulos, K. D., and Kakaras, E. (2016). Investigation of technical and economic aspects for methanol production through CO₂ hydrogenation. *International Journal of Hydrogen Energy* 41, 2202–2214. doi:10.1016/j.ijhydene.2015.12.074
- Brynolf, S., Taljegard, M., Grahn, M., and Hansson, J. (2018). Electrofuels for the transport sector: A review of production costs. *Renewable and Sustainable Energy Reviews* 81, 1887–1905. doi:10.1016/j.rser.2017.05.288
- Tremel, A., Wasserscheid, P., Baldauf, M., and Hammer, T. (2015). Techno-economic analysis for the synthesis of liquid and gaseous fuels based on hydrogen production via electrolysis. *International Journal of Hydrogen Energy* 40, 11457–11464. doi:10.1016/j.ijhydene.2015.01.097