



NiQuan
ENERGY

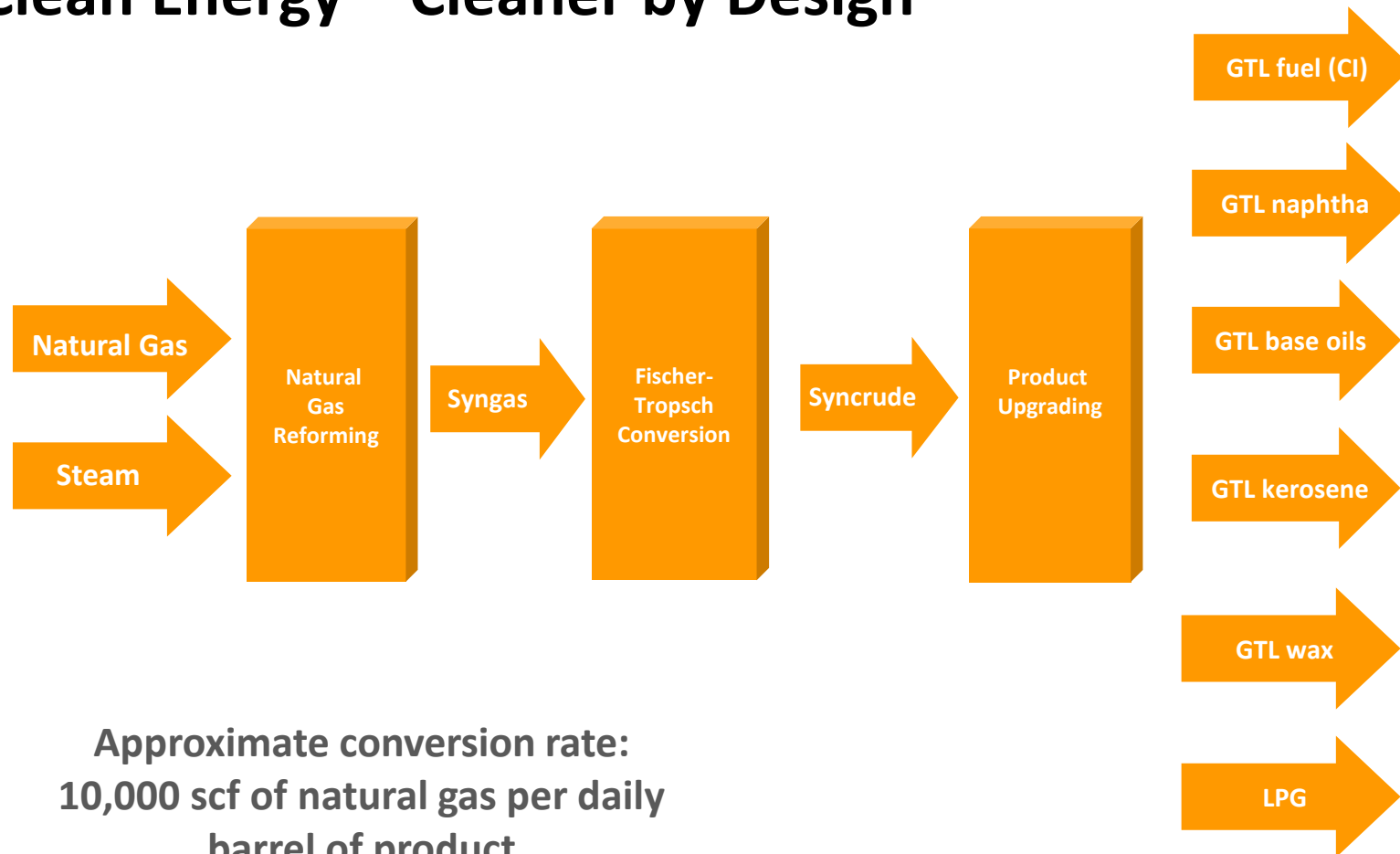


GTL Fuel – Cleaner by Design

July 2019



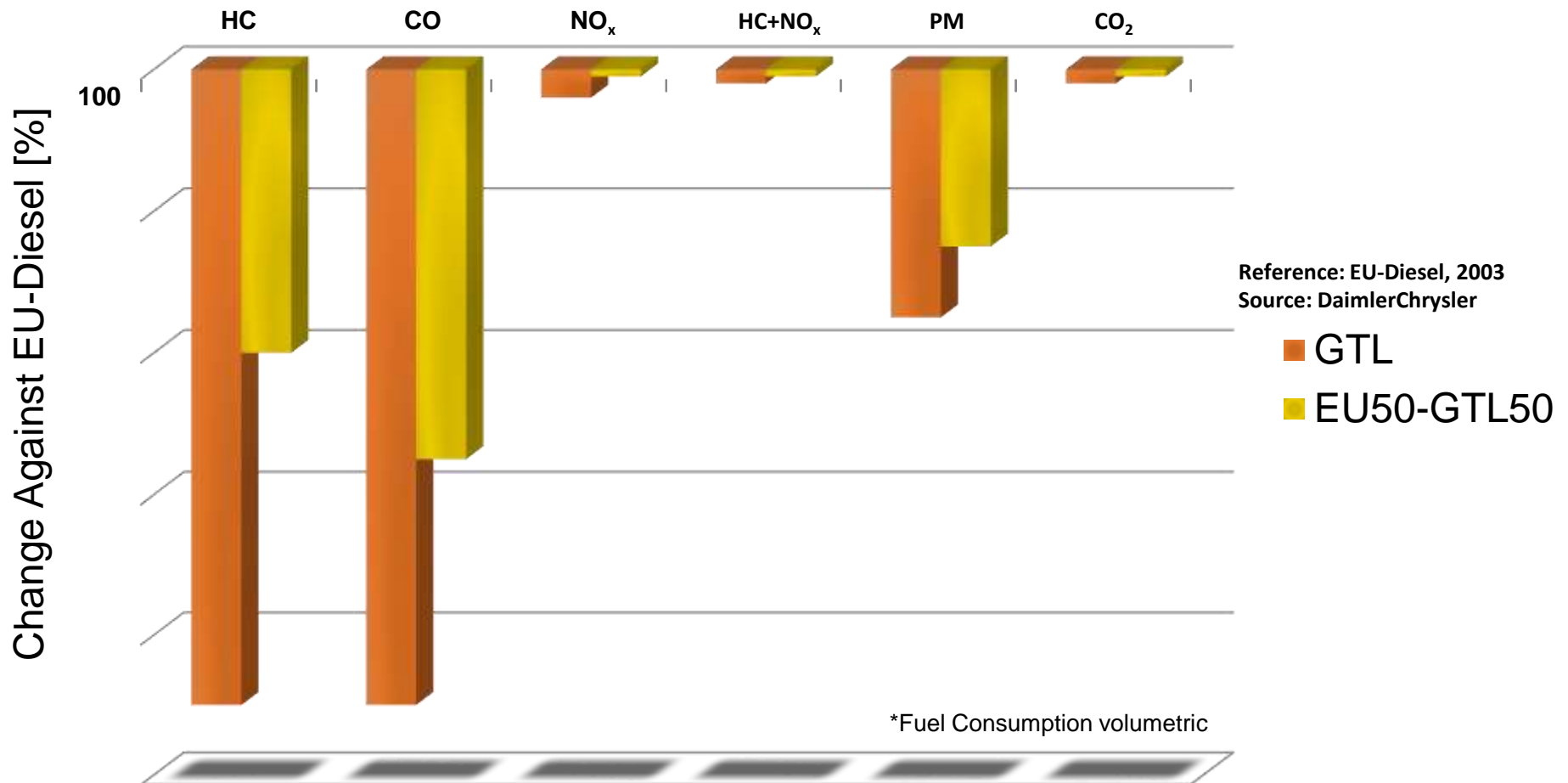
GTL Clean Energy – Cleaner by Design





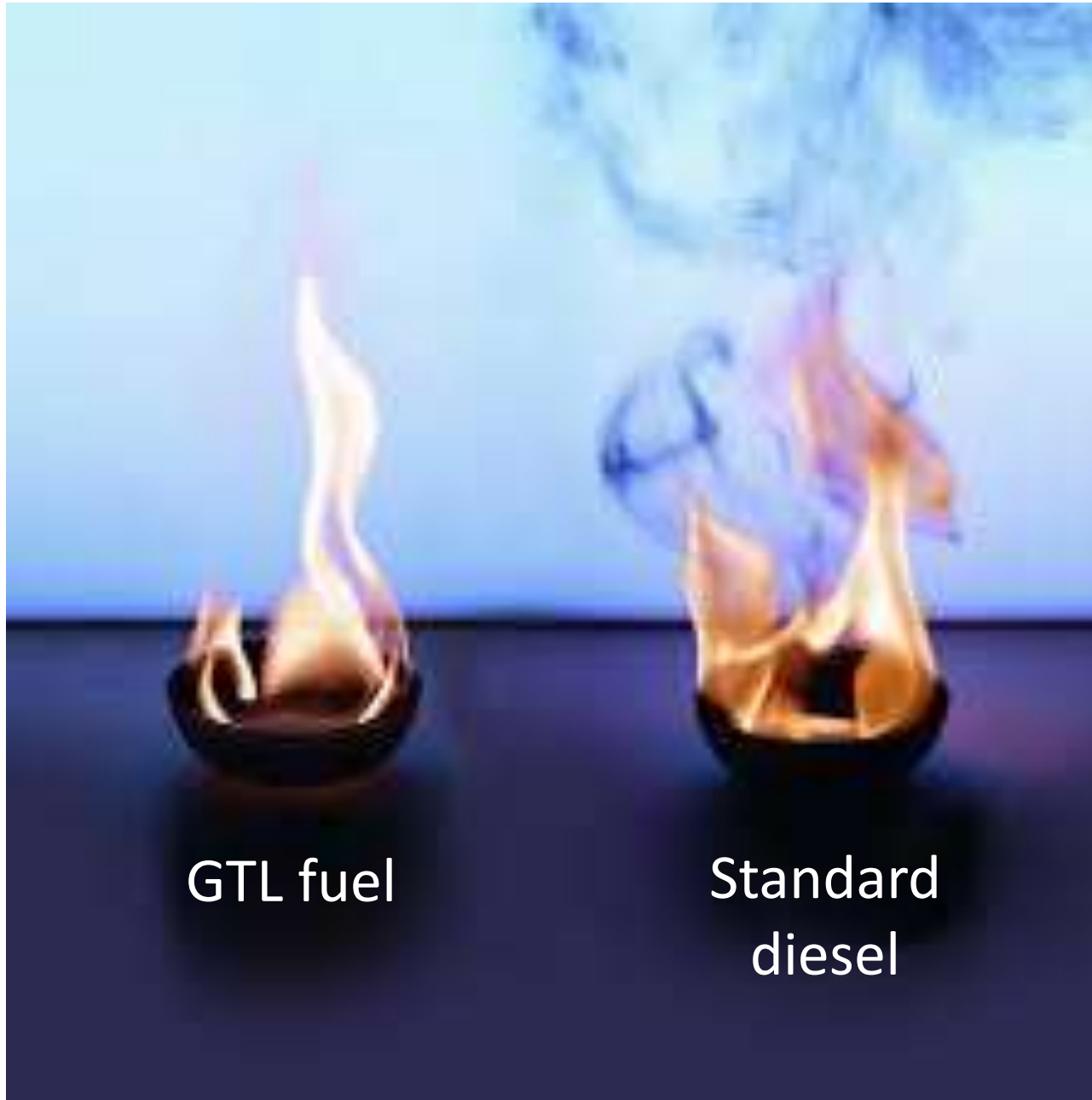
Environmental Excellence

Effect of GTL Diesel Fuels on Emissions and Engine Performance, (Daimler 2003)





Visibly Cleaner



GTL fuel

Standard
diesel



Blend Example



NiQuan monthly production = 62,400

X

4 barrels (3:1 blend ratio)

=

249,600 barrels of High Quality ULSD per month

- An on-spec paraffinic diesel fuel (European Committee for Centralisation, Technical Standard 15940).
- Essentially zero-sulfur - high performance and low emissions.
- High cetane - a cleaner burn enabling significant emissions reductions.
- Air quality improvement - reduced particulate matter and NOx
- Reduced soot levels - extend oil change intervals and reduce engine wear.
- Can be used in diesel engines without modification.
- Can be blended with lower grade diesel to improve overall fuel quality.
- A very benign fuel to use, particularly in a marine environment.