



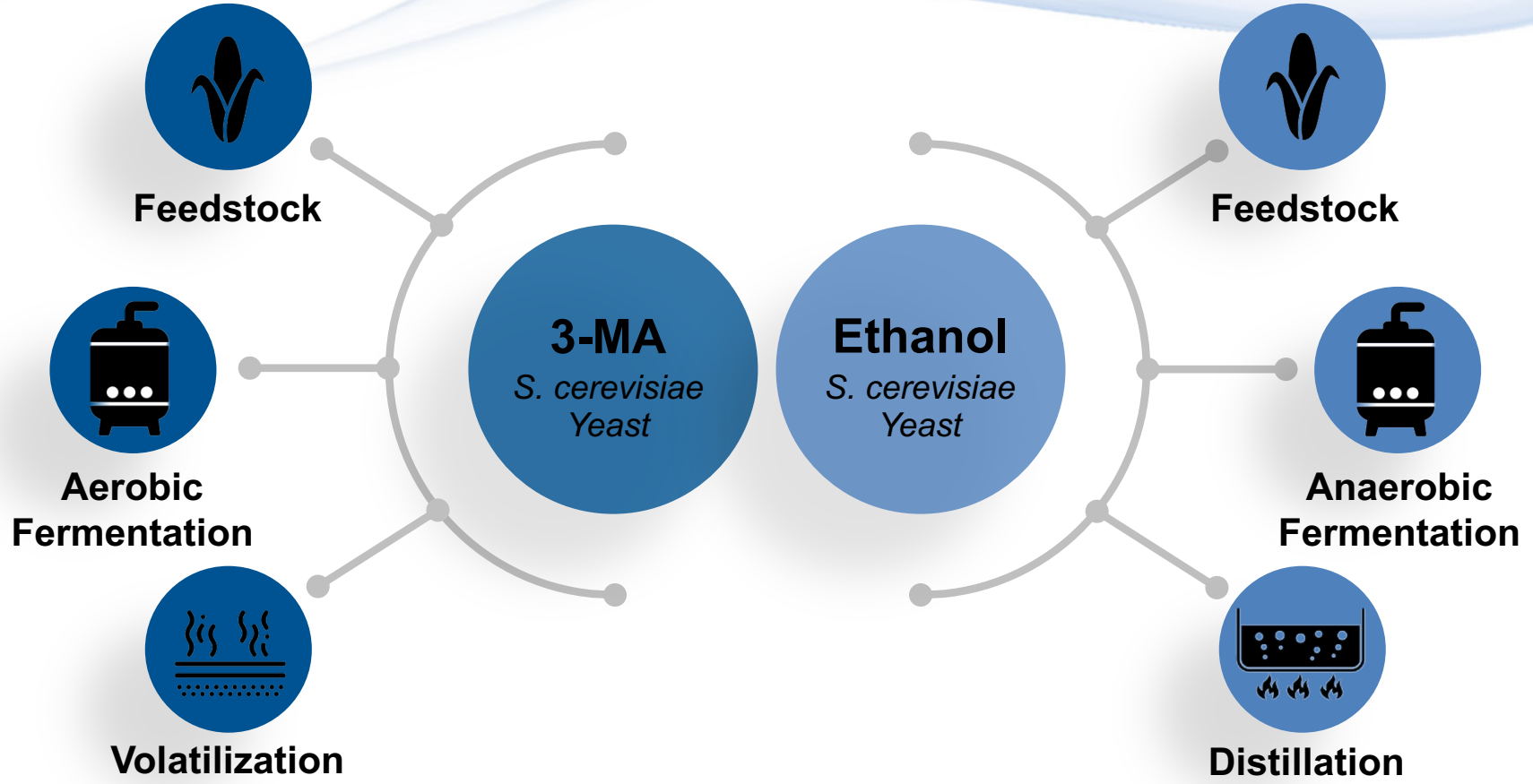
Superior Fuels & Chemicals

VIA's synthetic drop-in fuels and chemicals are like-for-like replacements for over 100 billion gallons of today's fossil sourced compounds in the U.S. alone.

Lewis J. Dutel
CEO & Cofounder



3-MA vs Ethanol





3-MA Fermentation Differentiation

3-MA Volatilization – Unique Differentiator

- 3-MA is produced one molecule at a time by VIA's yeast
- 3-MA is hydrophobic and is driven out of the water-based broth
- Volatilization eliminates toxicity effects
- Volatilization eliminates down stream processing & separation

- 3-MA volatilization from the fermentation broth is a unique characteristic to past biofuels and biochemical production technologies

- 3-MA is a liquid at room temperature
- 3-MA Boiling Point is 175°C / 347°F

HOW WE TRANSFORM SUCCESS

Pow.bio solves for Scale-Up Speed + Cost

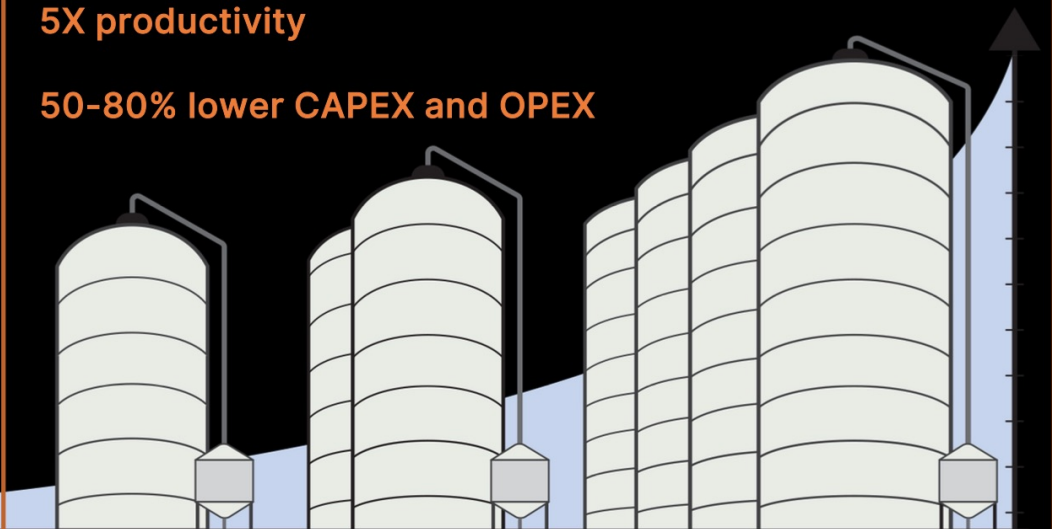
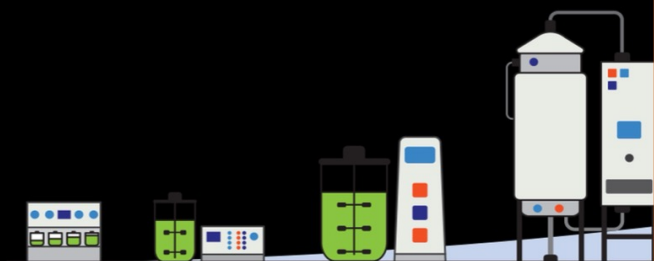
Scale-up FASTER

Produce MORE Product for Less \$

Accelerate process development by 5-10X

5X productivity

50-80% lower CAPEX and OPEX



Small Scale
500mL

Bench Scale
1-10L

Pilot Scale
100 -1000L

Demo Scale
10,000L

Commercial Small
250,000L

Commercial Large
600,000L +

Unique hyper-fermentation technology

That unlocks a more costs-effective, scalable manufacturing solution and is built on 35 years of formulation and 10+ years operating experience at scale



**Proprietary media
for a variety of host organisms**



**Novel bioreactor
design and configuration**

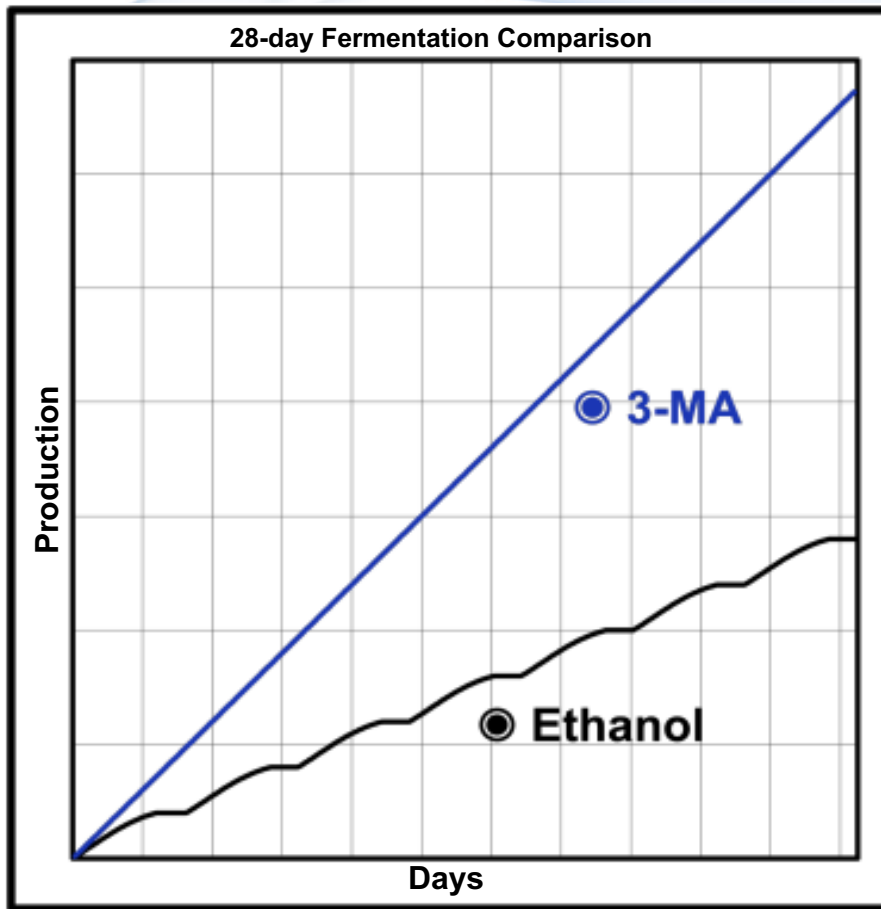


**Continuous fermentation know-
how and
operational excellence**

+5x output and lower COGs



Continuous Fermentation





Drop-In Fossil Replacements - Today

Aviation Fuel

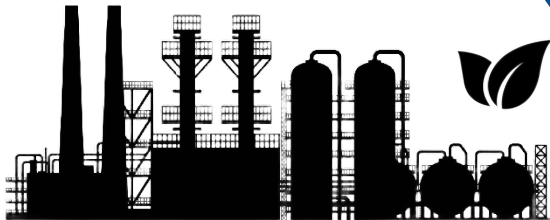


Transportation Fuel

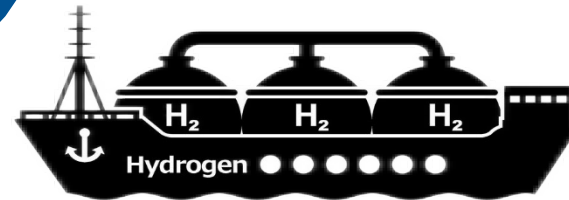


VIA 1 (3-MA)
VIA 2 (MCH)
VIA 3 (Toluene)

Chemicals

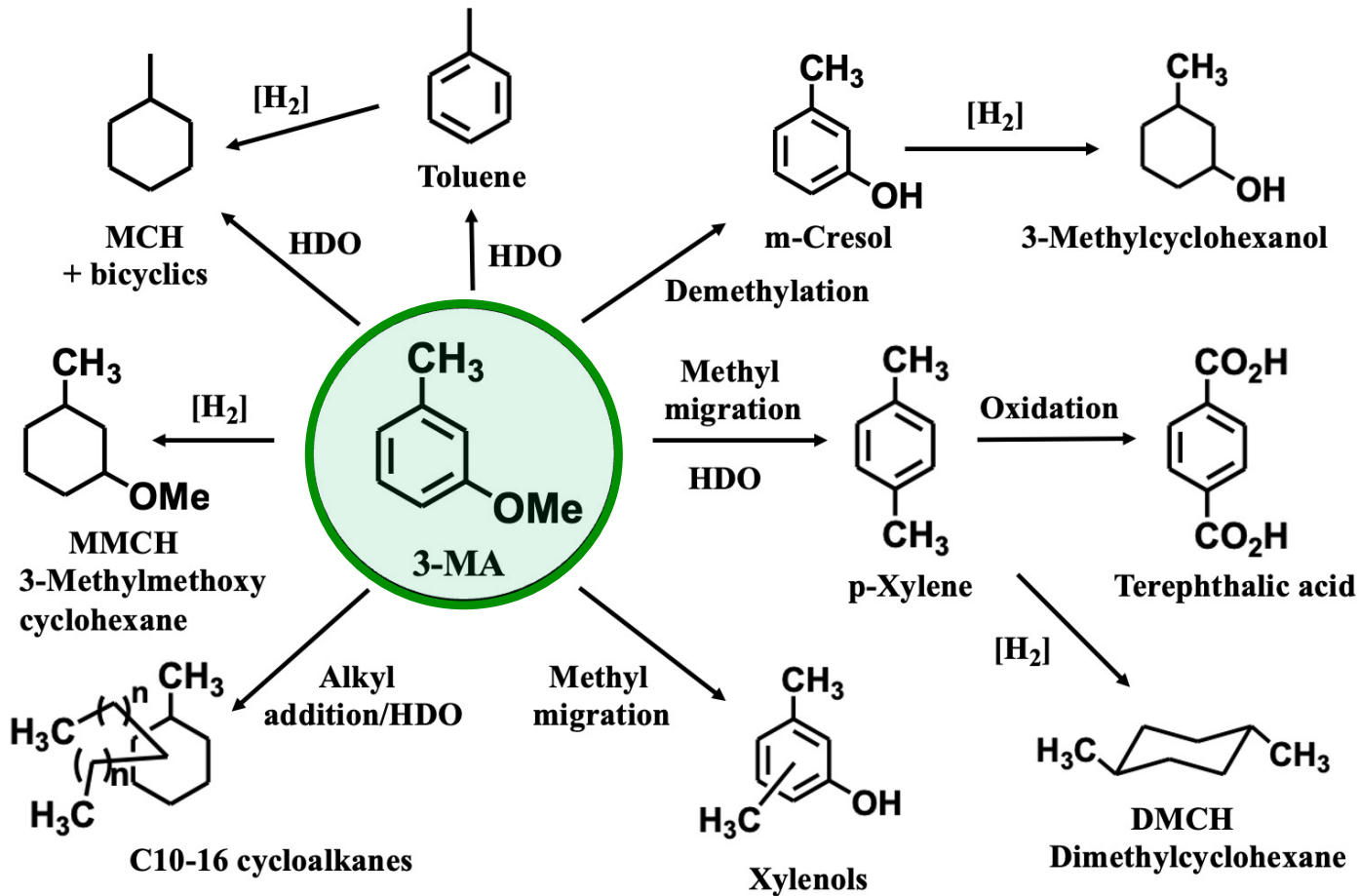


Hydrogen Transport

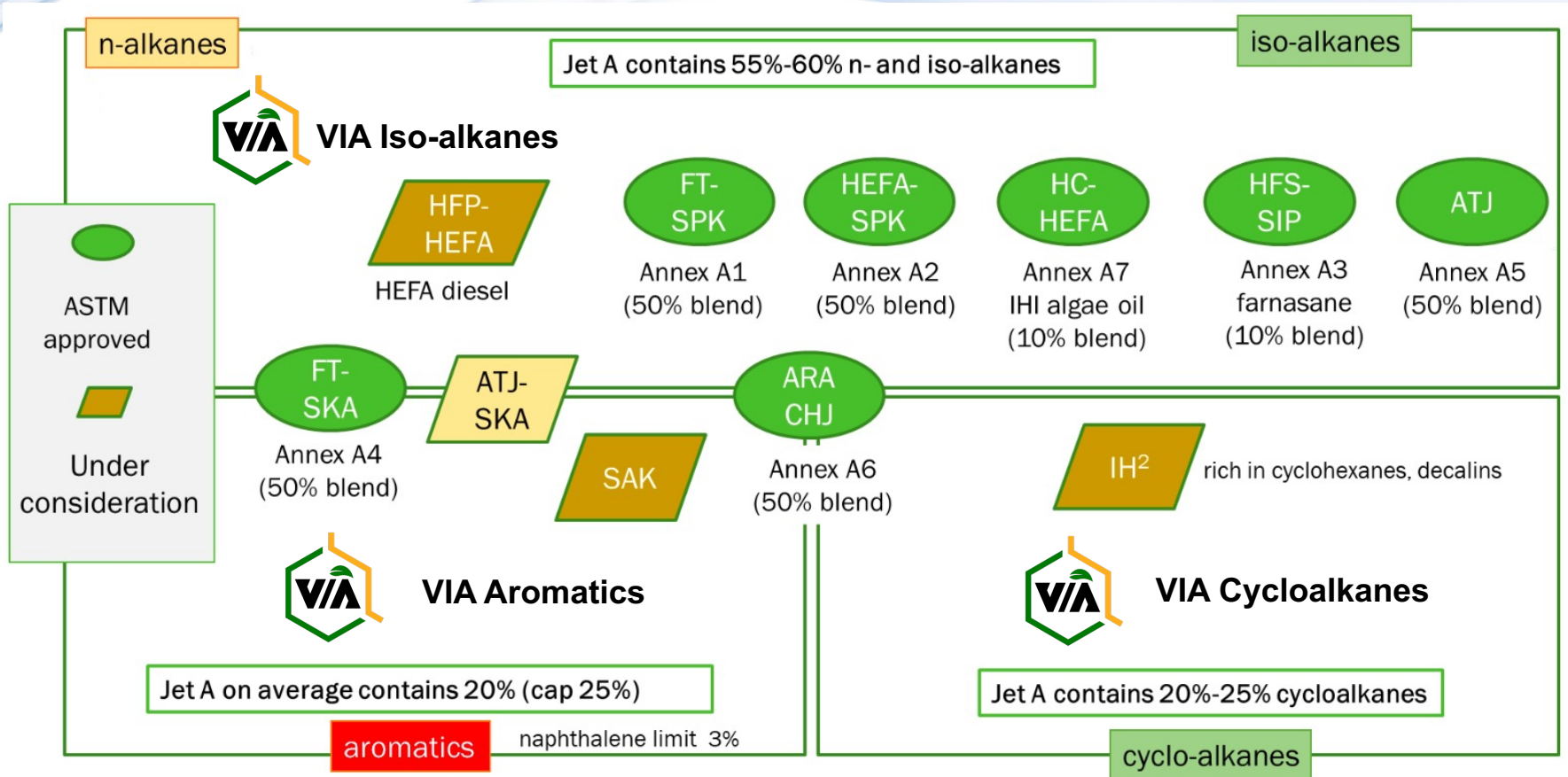




VIA's 3-MA – 8 Carbon Aromatic

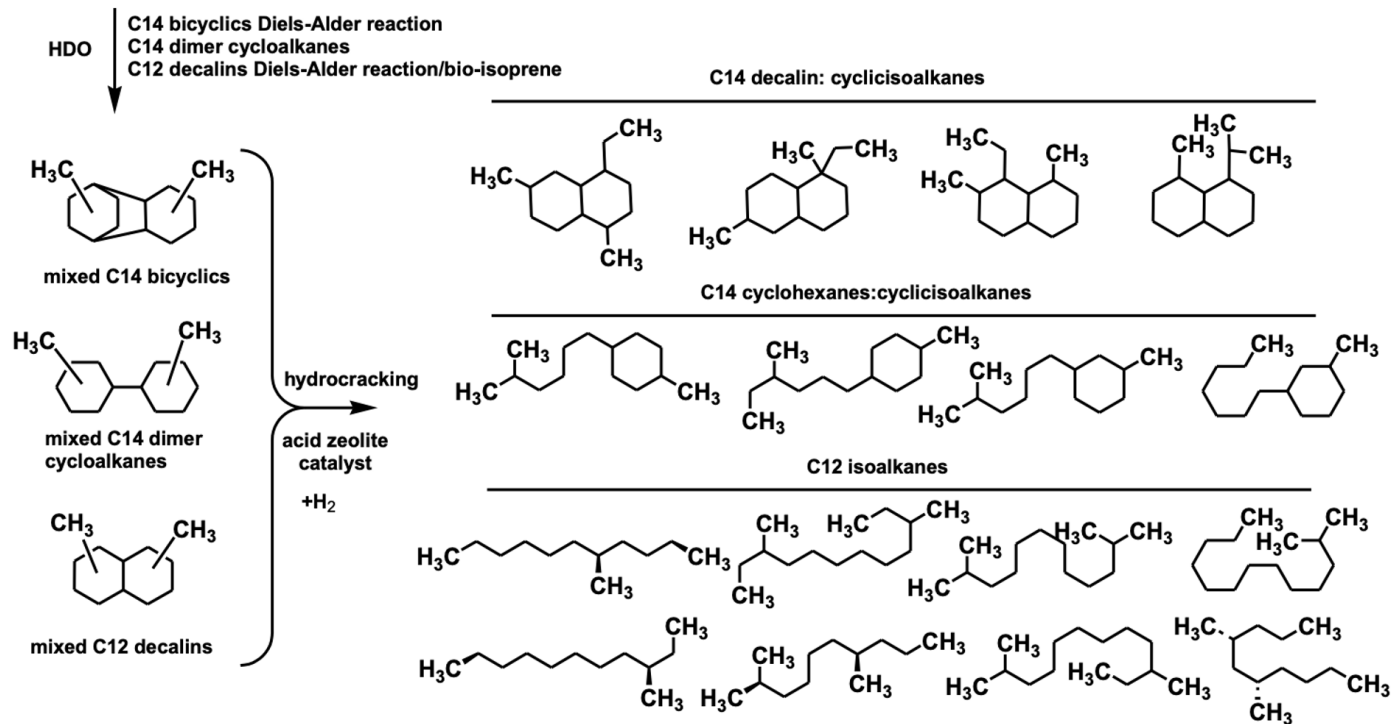
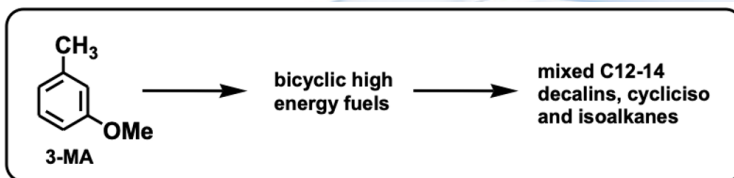


VIA SAF Pathways – More Options





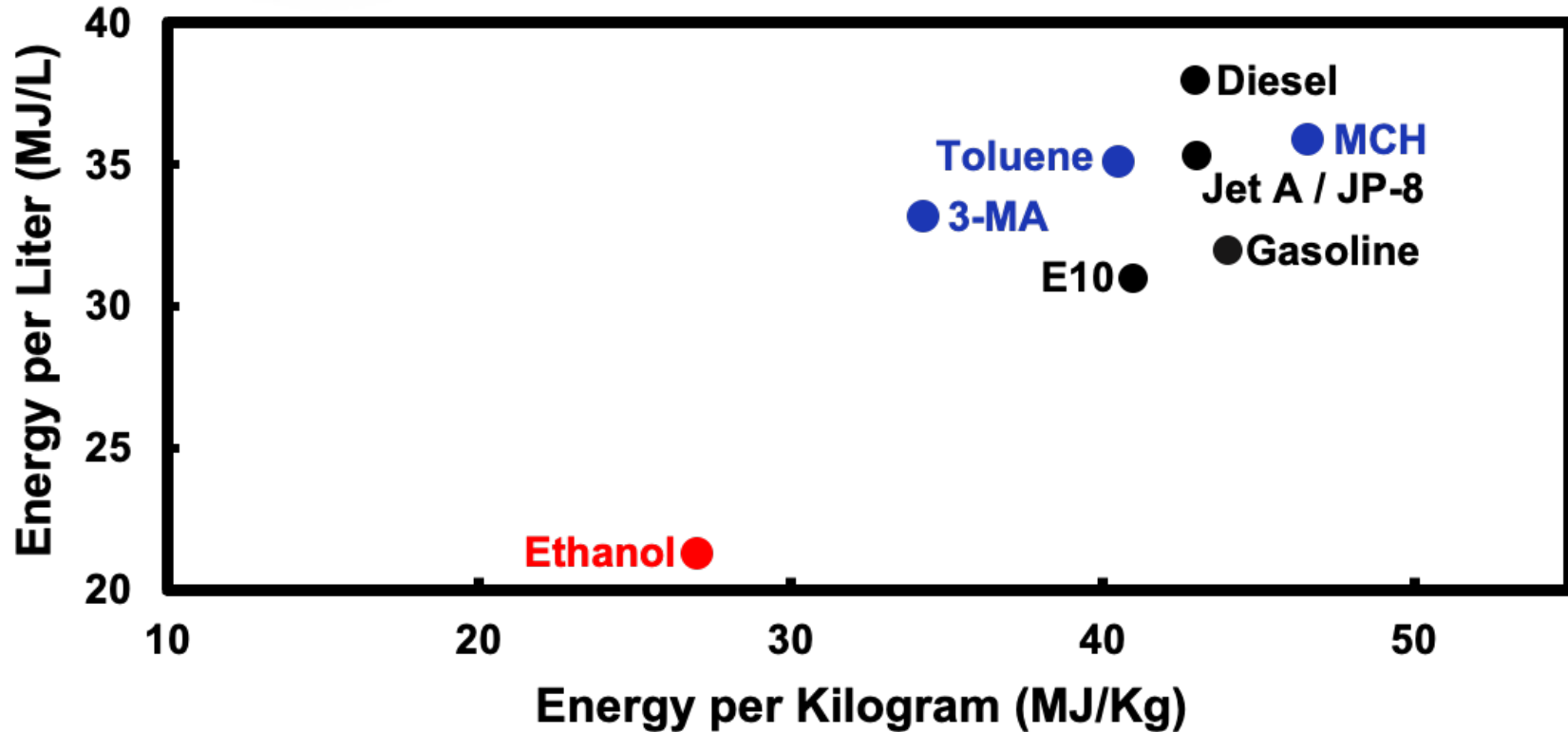
3-MA to Jet – Better Molecules - Less Steps



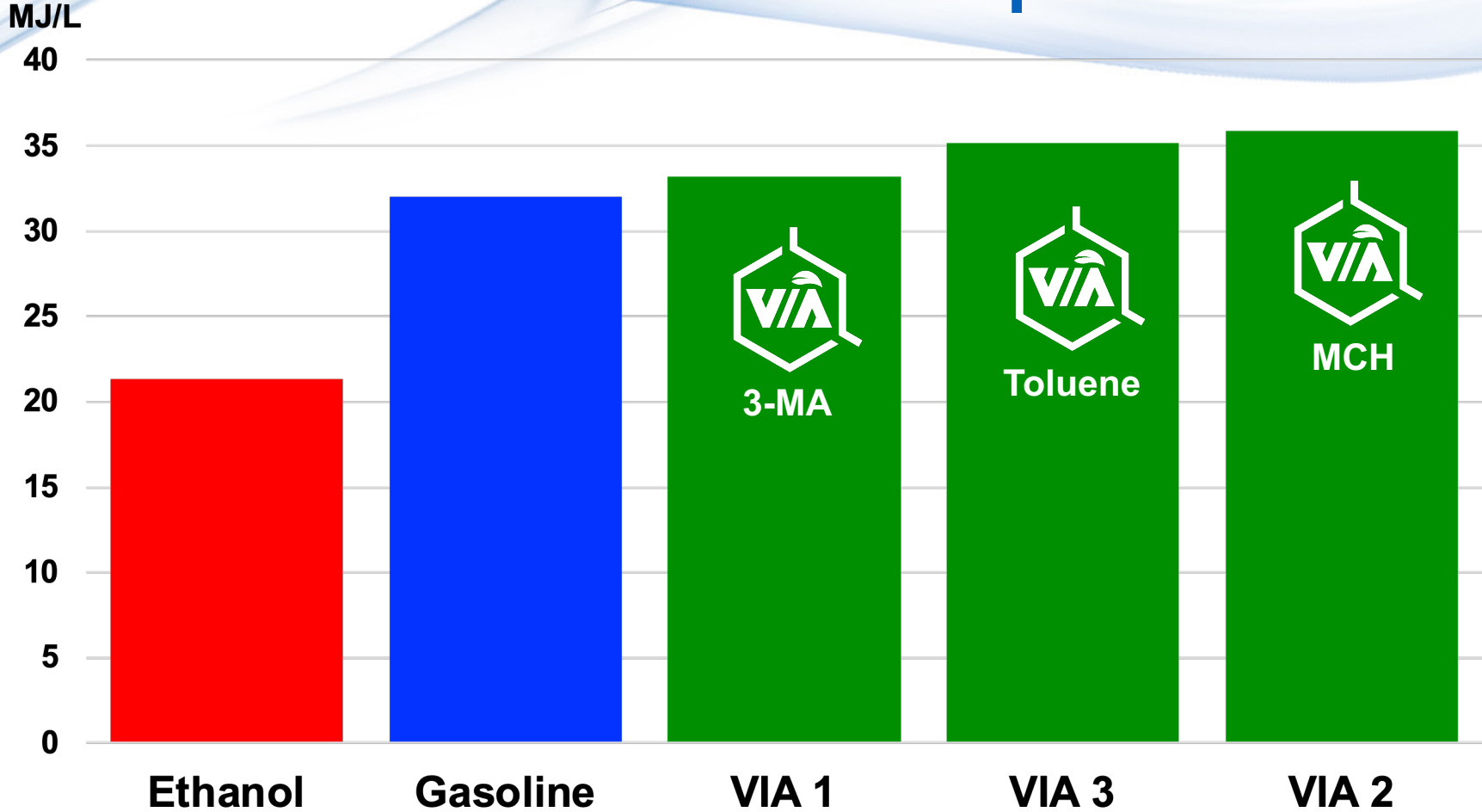


Key Fuel Differentiators

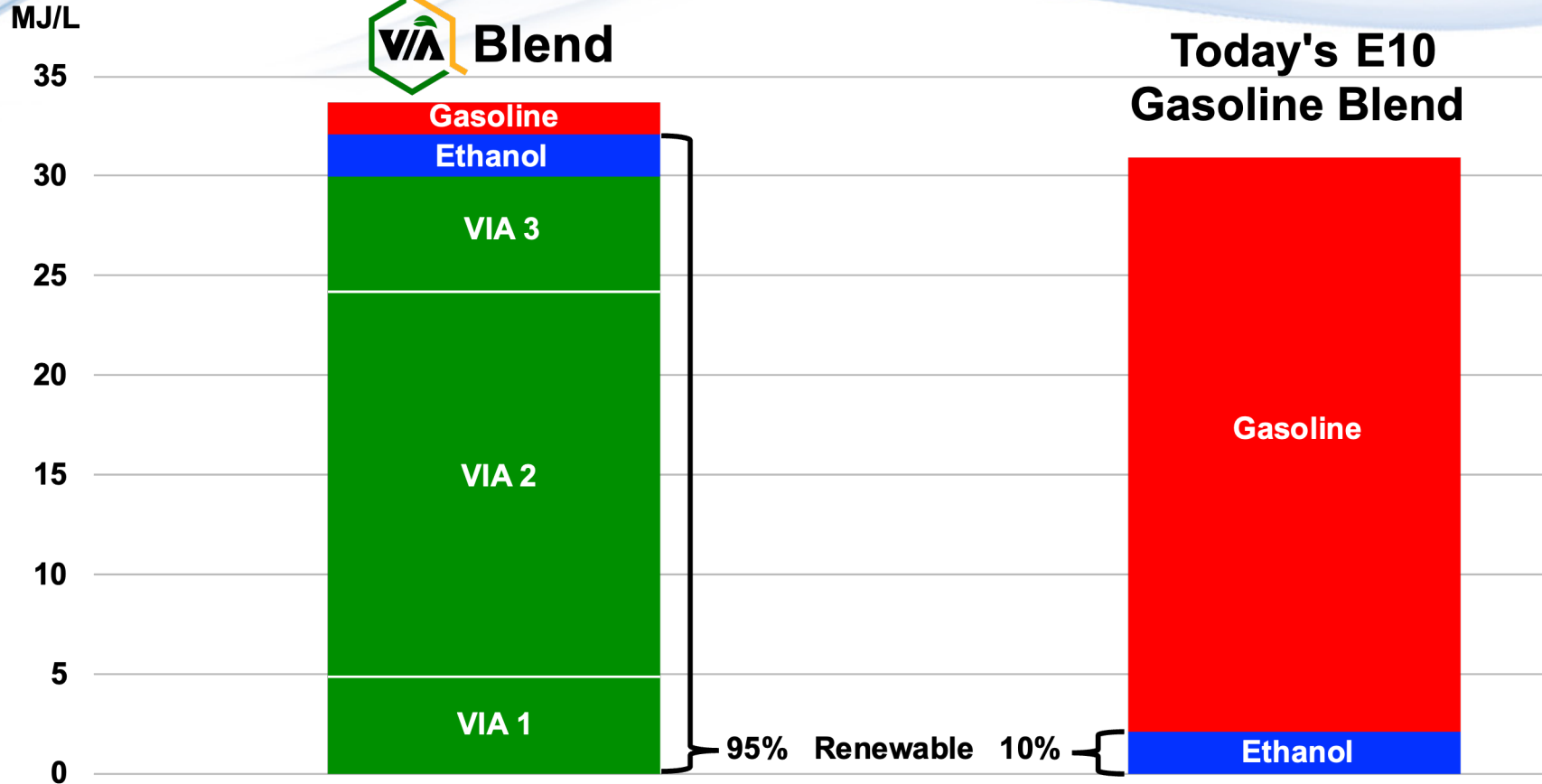
Known Energy Densities



VIA – Gasoline – Ethanol Comparison

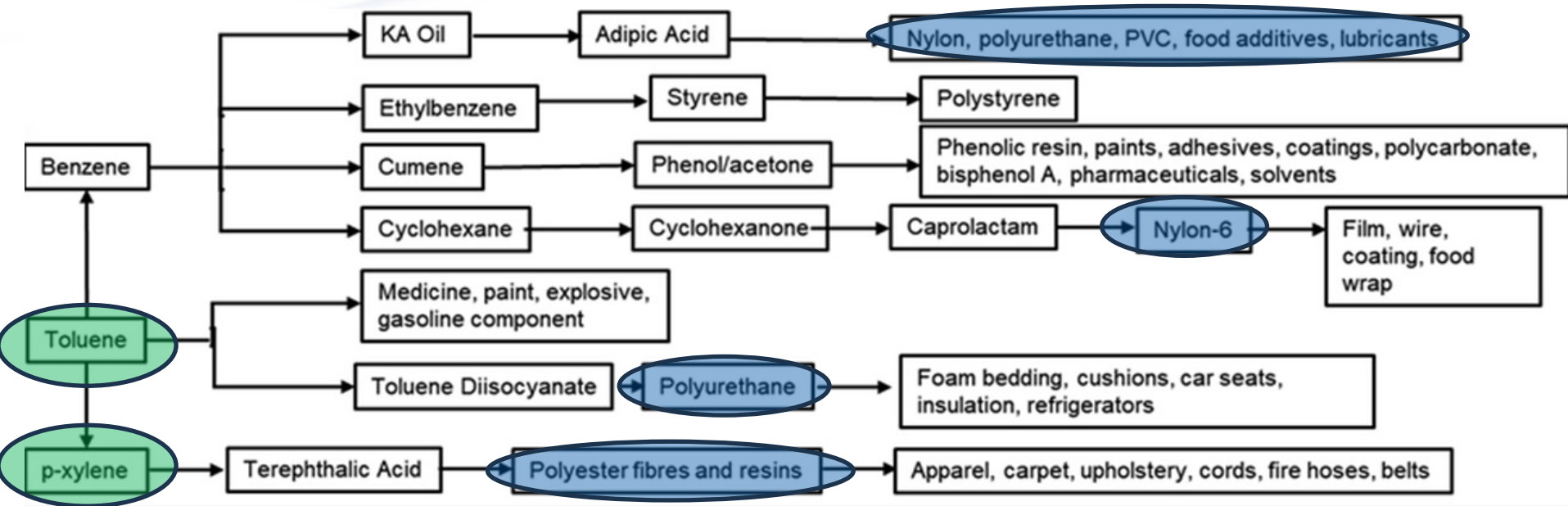


95% Renewable Blend





VIA 3 Bio-feedstock to transform fossil-based BTX...



...and all the familiar products produced from BTX



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Thank You

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