Helium-3:

The Most Powerful Fuel You've Never Used. Yet.

Helium-3 (^{3}He) is compelling for one reason: gram-for-gram, it's one of the most energy-dense fuels imaginable.

100M MJ/Kg — Energy Density

Helium-3 (fusion) — Fuel Type

ⓘ ^{3}He is an extremely rare, non-radioactive isotope of helium found in trace amounts on Earth and in the Moon's surface.

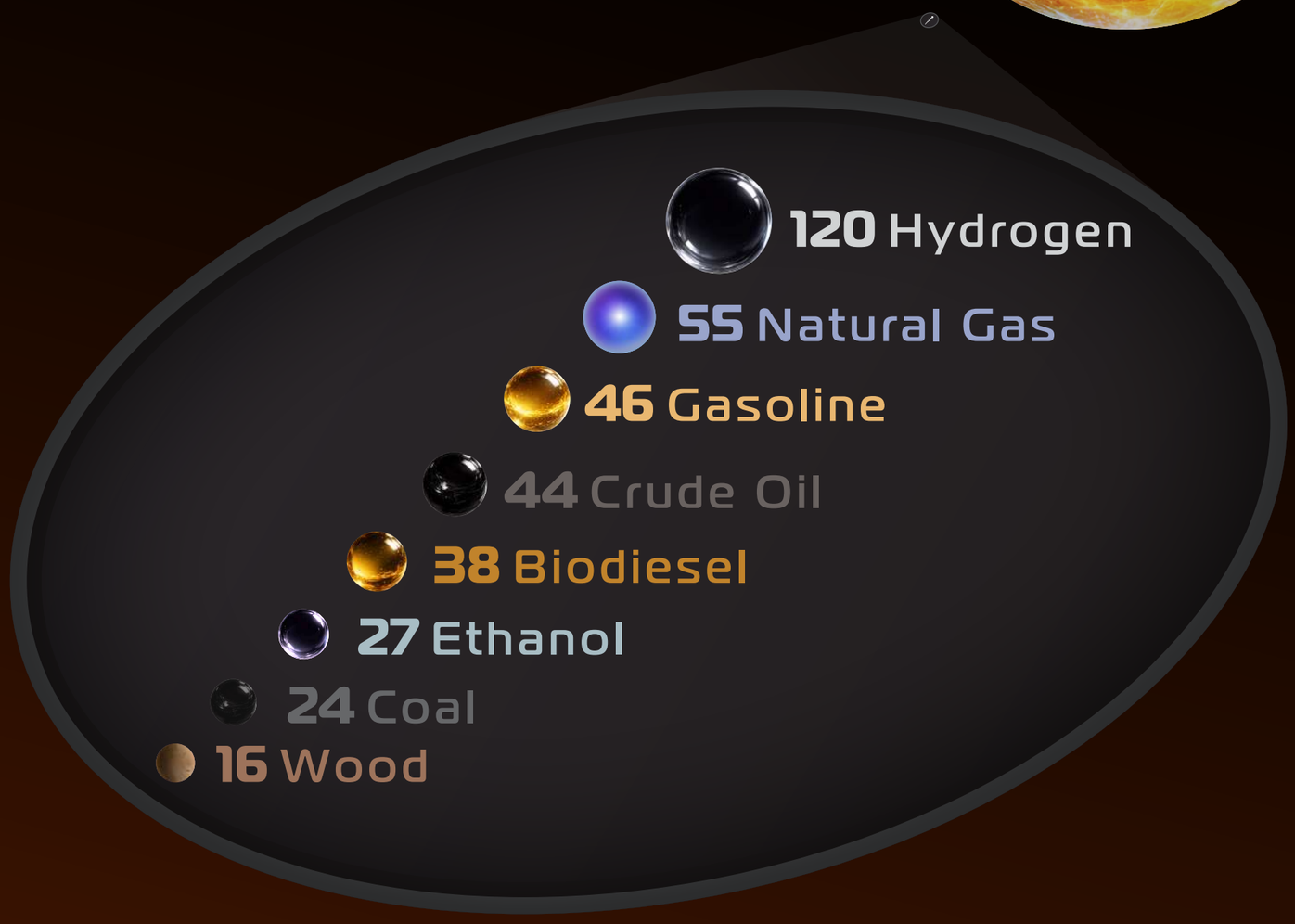
The unique properties of ^{3}He make it valuable for quantum technologies, cryogenics, neutron detection, and advanced fusion research.

Laboratory test results at Pulsar Helium's U.S.-based Topaz project confirms among the highest terrestrial helium-3 concentrations recorded.

4M

Uranium-235

(fission)



Sources: NASA*; U.S. DOE; I. Hore-Lacy, Nuclear Energy in the 21st Century

*The practical ^{3}He energy density is derived from NASA's published D–He-3 fusion reaction energy (18.35 MeV per reaction) and reduced using the same reactor-performance framework defined by the IAEA, accounting for thermal-to-electric conversion limits, fuel utilization, and operational losses.

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