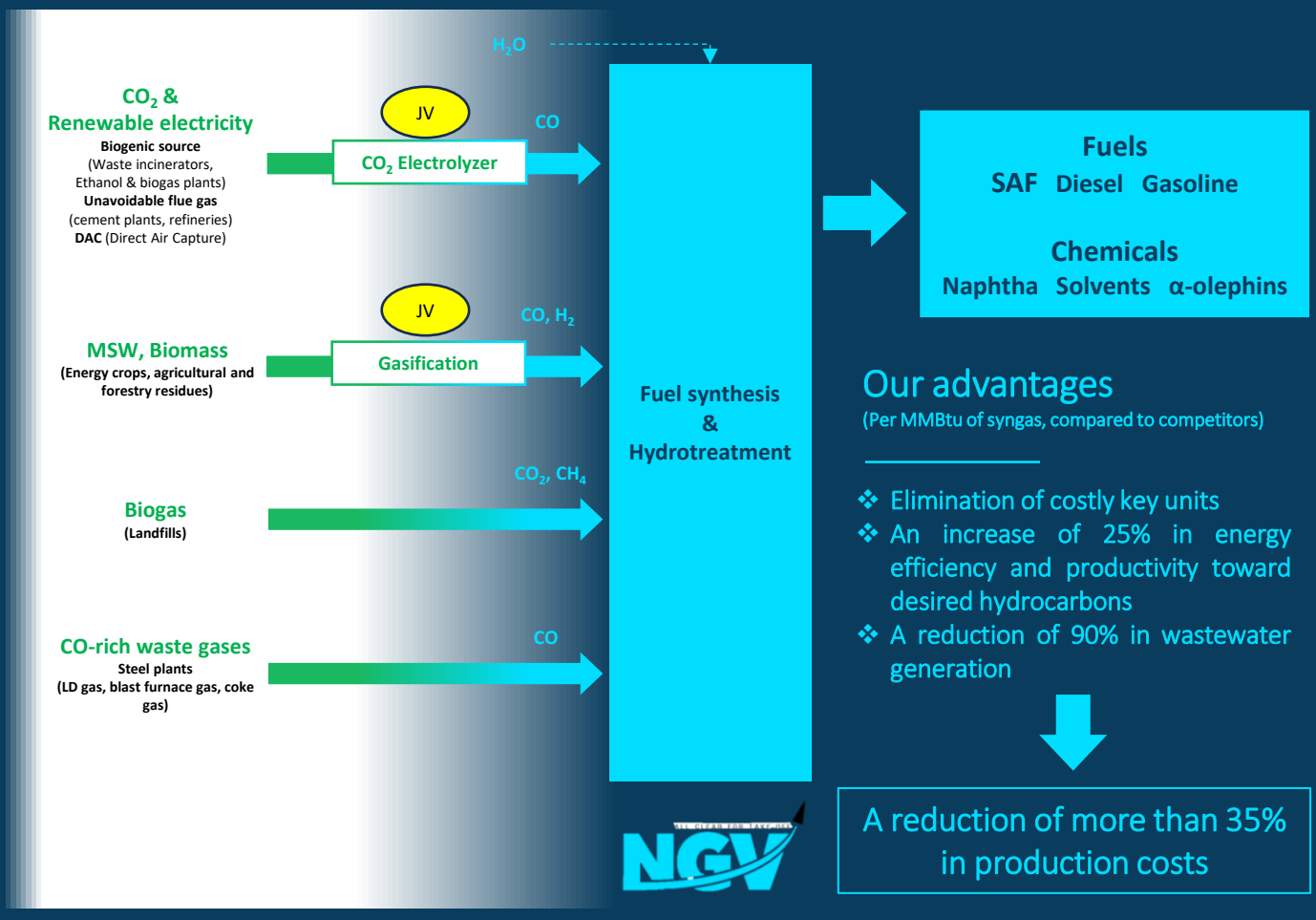
The problem

- The growing reliance on HEFA for SAF production is straining limited feedstock availability, threatening price stability, and creating a looming supply gap expected to intensify by 2030.
- Existing alternative technologies are often complex, inefficient, and costly, making it difficult to scale sustainable solutions.

NGV Earth: many feedstocks, many products, one technoogy



Our advantages

(Per MMBtu of syngas, compared to competitors)

- Elimination of costly key units
- An increase of 25% in energy efficiency and productivity toward desired hydrocarbons
- A reduction of 90% in wastewater generation

A reduction of more than 35% in production costs

Recent achievements

- The innovative and fully-patented process, based on a cutting-edge iron catalyst commercially produced by a leading catalyst manufacturer, was tested for over 3,000 hours at a small pilot scale, demonstrating excellent stability and performance with lean-hydrogen syngas as feedstock
- High selectivity to ASTM D7566-compliant SAF was achieved through processing NGV Earth's unique Syncrude, bringing the technology to TRL5.

What we're after

- After completing the engineering design of its demonstration unit, we're seeking a strategic partner from within the SAF ecosystem to support its deployment and operation, toward a semi-industrial plant at TRL7 and commercialization.
- The company is raising a total of $5M USD to fund this next phase, of which $1.5M USD has already been secured.

NGV Earth's leadership

Arie Sussely, CEO & Co-Founder

Serial entrepreneur,
Former senior executive in the public sector

Tomy Hos, CTO & Co-Founder

Co-Inventor of the technology,
Highly experienced in the renewable fuels field

Prof. Moti Herskowitz, Senior R&D Advisor and Co-Founder

Co-Inventor of the technology,
Founder and Head of the Blechner Center for Industrial Catalysis & Process at Ben-Gurion University of the Negev

Ben-Gurion University of the Negev

Research team

Over 30 years of R&D, 100 years of academic an industrial experience, collaborating with leading fuels companies

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