

MOL GROUP & BIOMETHANE

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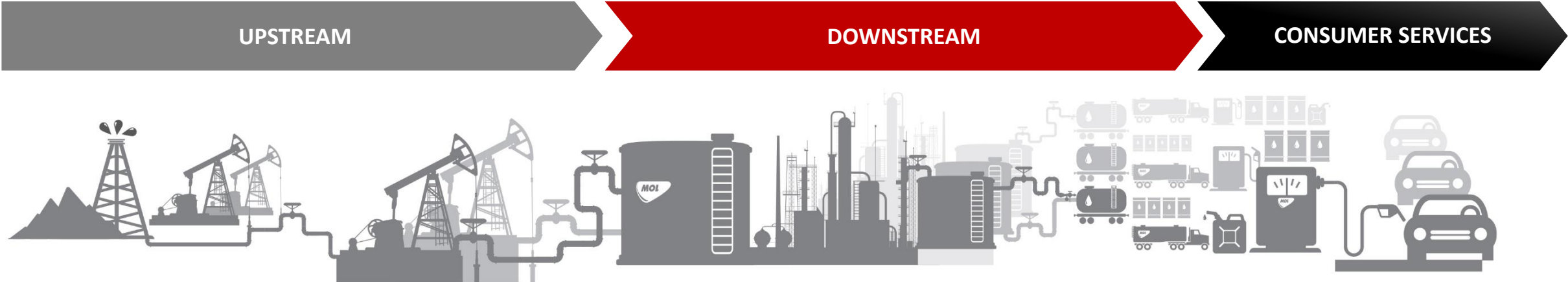
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MOL GROUP IN A BRIEF

CENTRAL EASTERN EUROPEAN MID-CAP OIL & GAS COMPANY WITH DEEPLY INTEGRATED OPERATIONS ALONG THE ENTIRE VALUE CHAIN



EXPLORATION	PRODUCTION	REFINING & TRADING	PETROCHEMICALS	CONSUMER SERVICES
348 million barrels of oil equivalent	~90 million barrels of oil equivalent/day OIL & NATURAL GAS PRODUCTION	3 REFINERIES, 380 KTPA CAPACITY 2 PETROCHEMICAL SITES 890 KTPA ETHYLENE CAPACITY	~2,400 SERVICE STATIONS 9 COUNTRIES 10 MILLION CUSTOMERS 1 MILLION TRANSACTIONS PER DAY	

NATURAL GAS DELIVERY

~6,000 KM
PIPELINE SYSTEM

FGSZ
MEMBER OF MOL GROUP

WASTE
MANAGEMENT

mohu
MEMBER OF MOL GROUP

SUSTAINABLE
BUSINESS
SOLUTIONS

MOL 2030+: TRANSFORMATION TO SHAPE TOMORROW

KEY DIRECTIONS UNCHANGED WITH REFINED TRANSITION PATH



2016

MOL 2030 Enter Tomorrow

- ▶ Key long-term challenges of the industry correctly identified
- ▶ Forerunner in approach to diversify away from fossil fuels

2021

Shape Tomorrow 2030+

- ▶ Updated strategy **with additional focus on green transition**
- ▶ Fuel-to-petchem, low-carbon investments prioritised
- ▶ **Sustainability targets introduced**

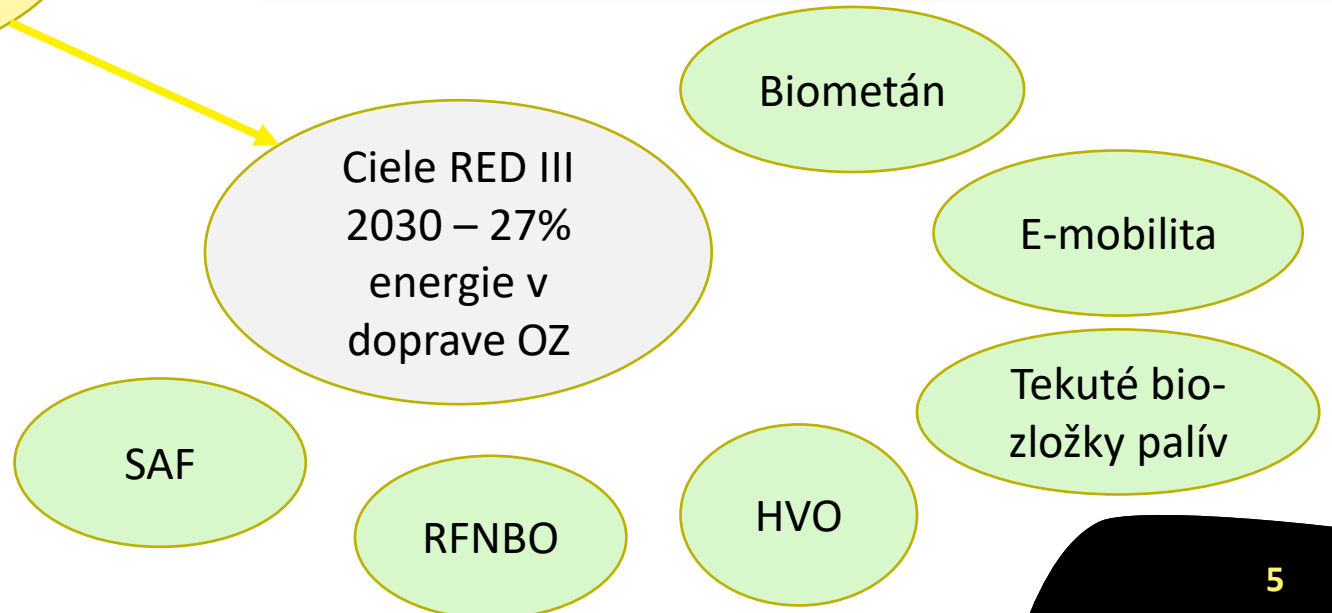
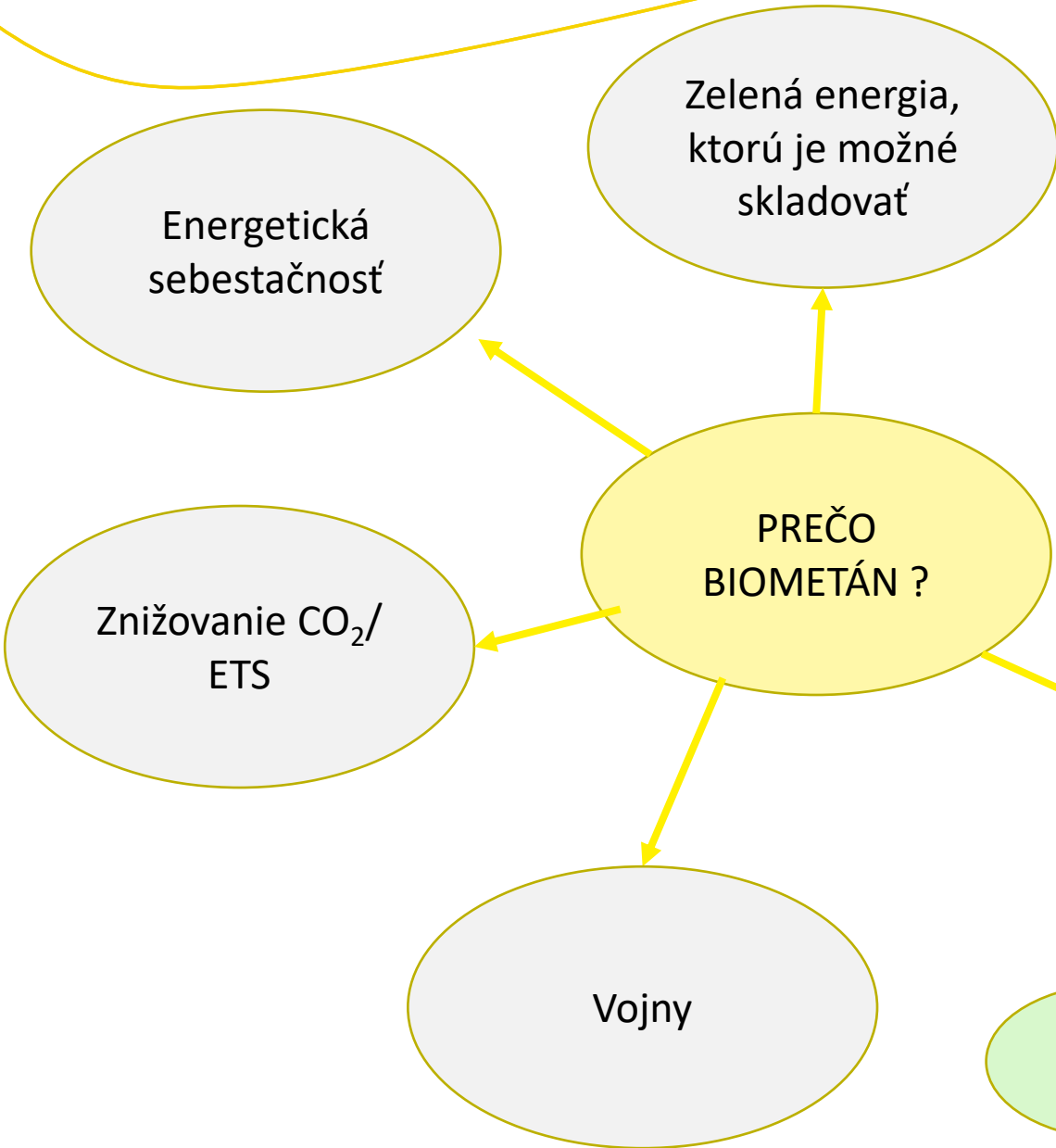
2024

Shape Tomorrow

- ▶ More refined view on key directions
- ▶ Commitment to achieve transition goals reiterated
- ▶ Addressing **energy supply security concerns**
- ▶ Increased focus on sustainability and circular economy, stating: **Execute renewable fuel strategy with focus on biomethane and green hydrogen production.**

SUSTAINABLE BUSINESS SOLUTIONS



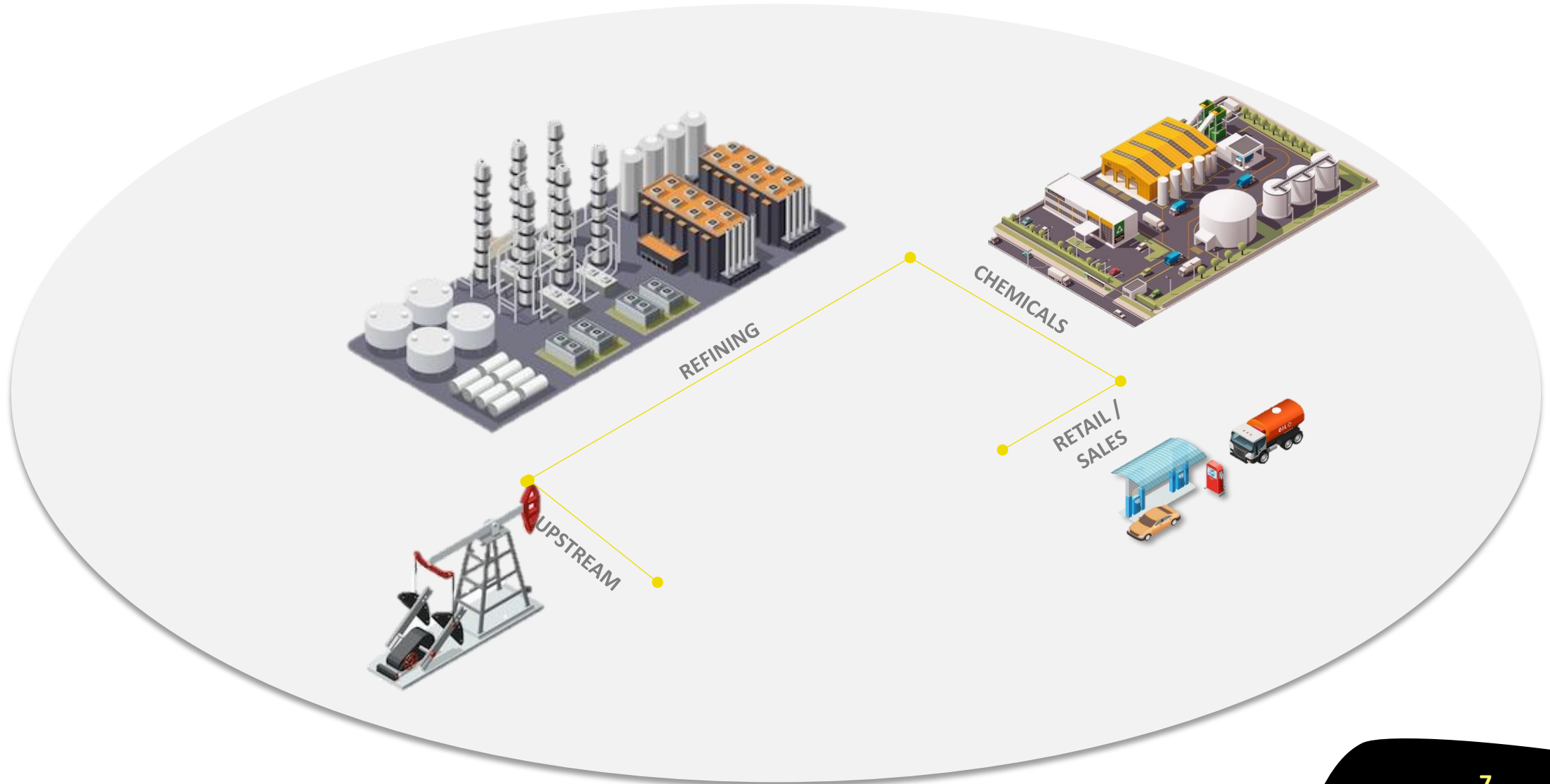


VŠESTRANNÝ ZELENÝ ZDROJ ENERGIE



MOL GROUP AS IS

As we evolve, we actively shape our response to the changing needs of society

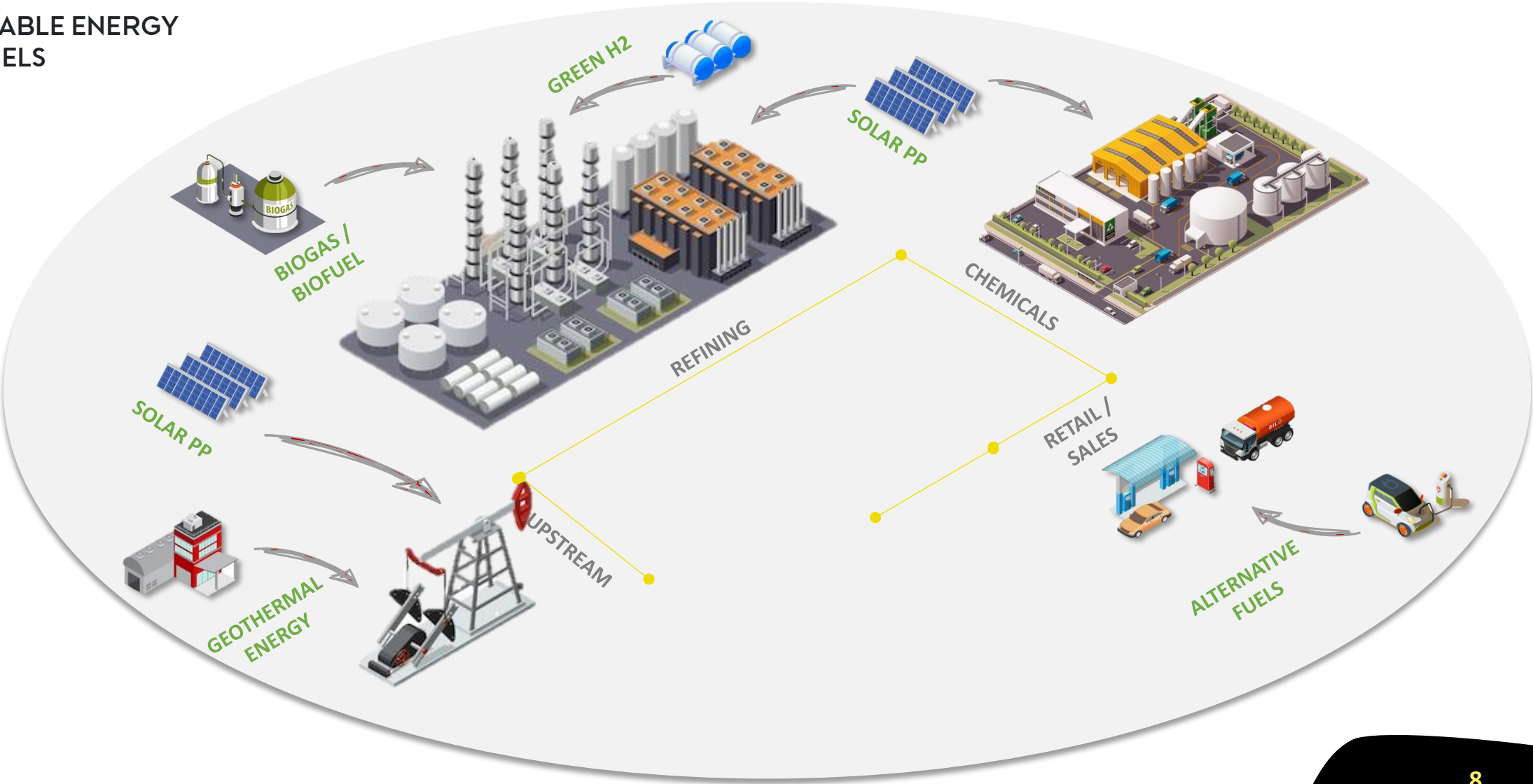


MOL GROUP TO BE

As we evolve, we actively shape our response to the changing needs of society

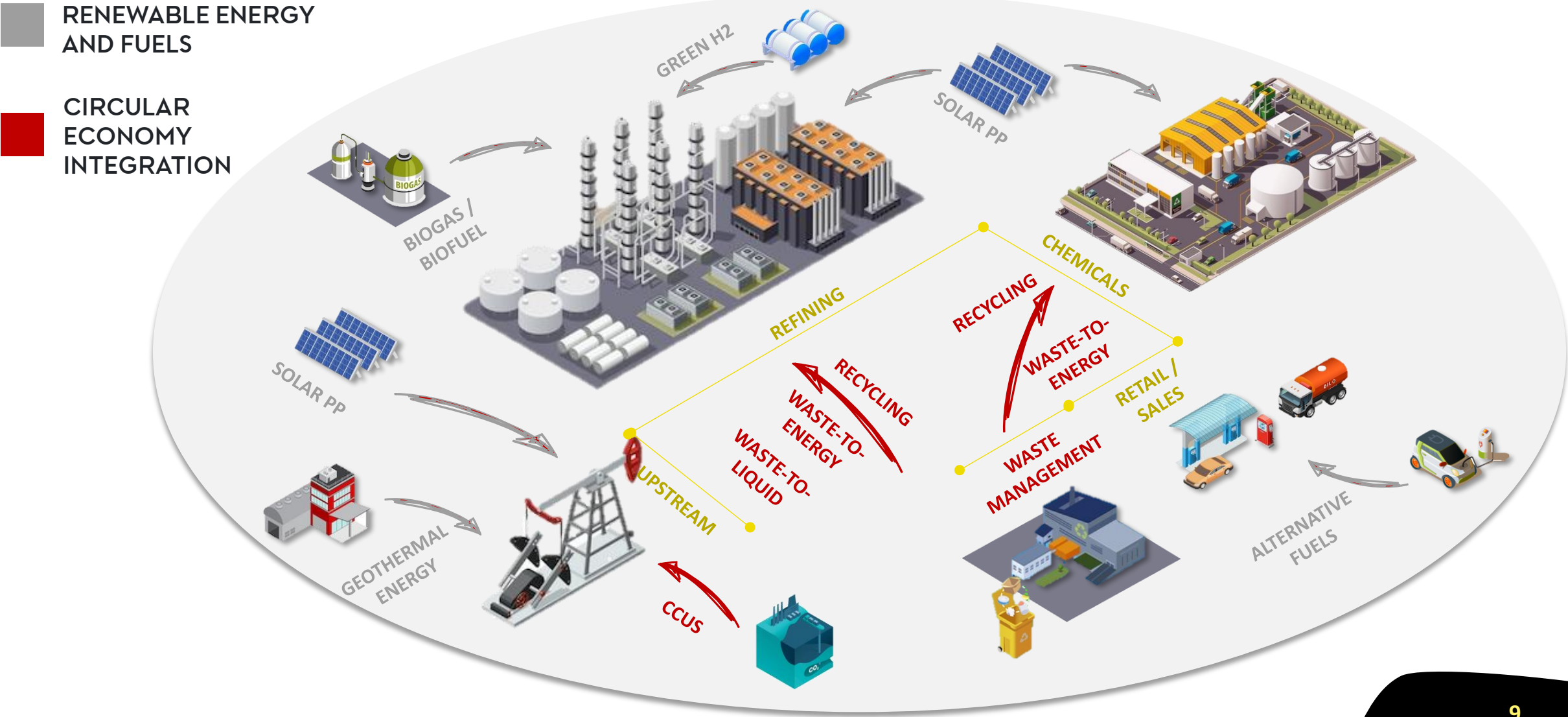


RENEWABLE ENERGY
AND FUELS



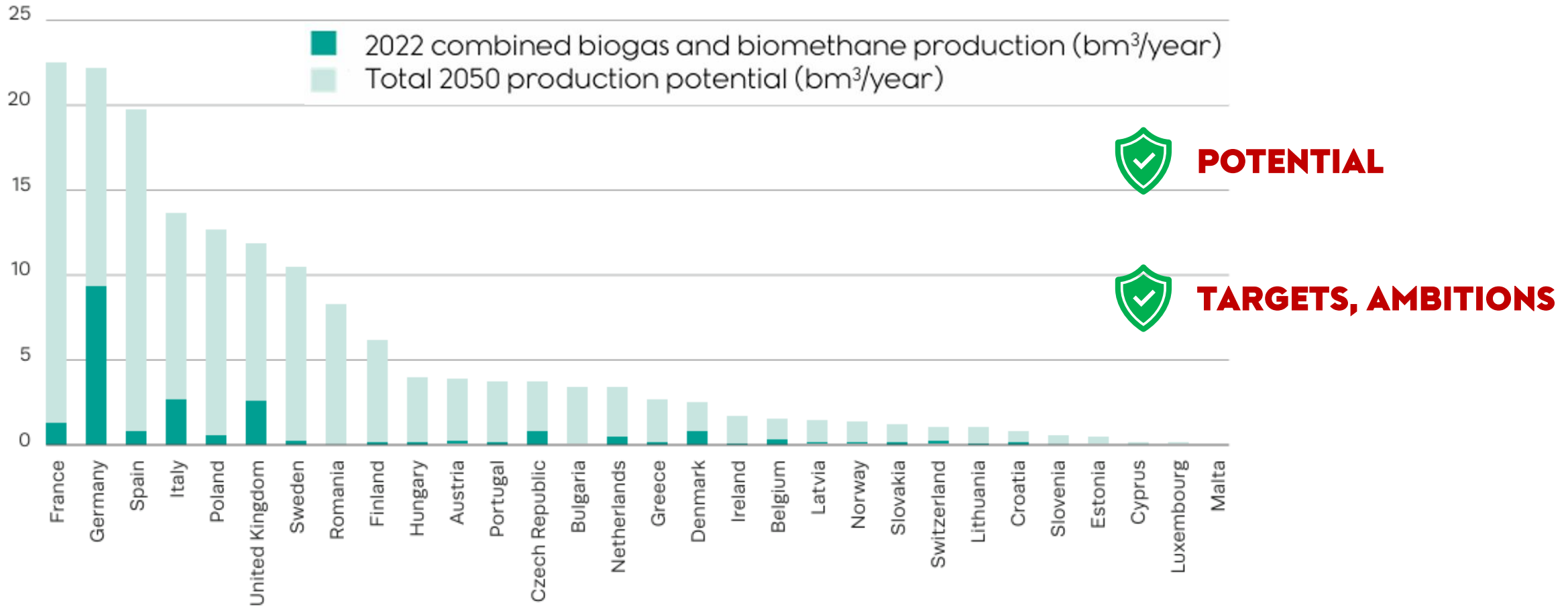
MOL GROUP TO BE +

As we evolve, we actively shape our response to the changing needs of society



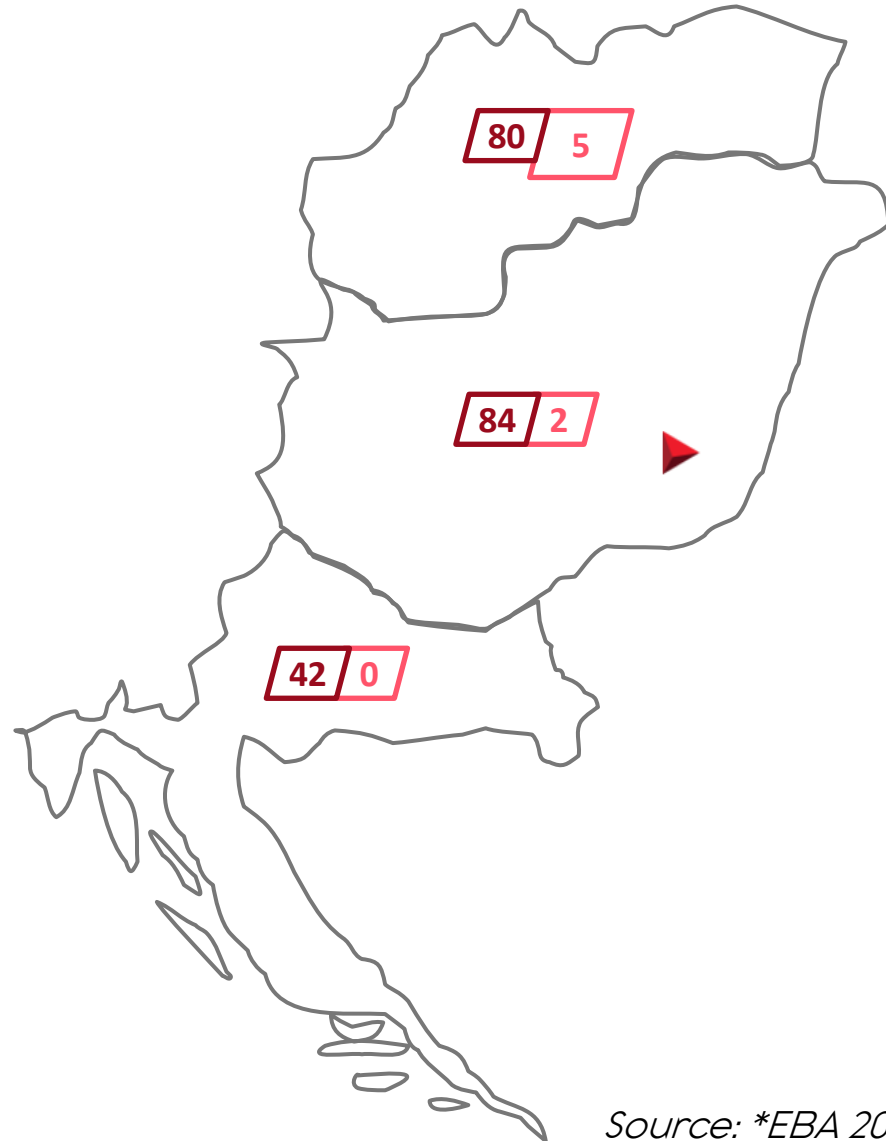
THERE IS STILL A PLENTY OF ROOM TO INCREASE RENEWABLE GAS PRODUCTION CAPACITIES

2050 biomethane production potential compared to 2022 combined biogas and biomethane production per European country



MOL CORE COUNTRIES OUTLOOK

Number of operational biogas & biomethane plants in 2026



~210 biogas plants produced
around 3,5 TWh biogas *.

Only 5+ biomethane plants are
currently operating and with an
annual 350 GWh production.

 Number of biomethane plants in operation
 Number of biogas plants in operation

Source: *EBA 2025 Statistical Report (2025 data)

MOL core countries biomethane market is significantly underdeveloped compared to its potential and to Western European countries.

Current focus on power (and heat) generation thanks to the previous and current support schemes.

The Hungarian Biomethane Action Plan released in 2024 with the target biomethane production of 184 million m³ by 2030.

SZARVAS BIOGAS PLANT

MOL GROUP'S FIRST STEP IN THE SCALE-UP OF BIOMETHANE PRODUCTION IN HUNGARY

- ▶ Annually **12.5 mn m³ biogas** production
- ▶ Plant with **4 MWe** capacity (~**70+ GWh/a** biomethane)
- ▶ Utilization of **110 000 t** waste annually
 - ▶ *40 000 t pig slurry*
 - ▶ *15 000 t other manure*
 - ▶ *18 000 t agricultural plant waste*
 - ▶ *25 000 t whey*
 - ▶ *12 000 t other*



SZARVAS BIOGAS PLANT UPGRADE

ALREADY UNDERWAY, SIMILAR PROJECTS WILL BE OBLIGATORY IN FUTURE INVESTMENTS AS WELL



- ▶ To upgrade the biogas plant of Szarvas to biomethane with **7.1 mn m³/y** biomethane production.
- ▶ Opportunity to **inject it to the local DSO system**, close from the plant.



- ▶ One of the main elements of Renewable Fuels Strategy.
- ▶ The project will help **fulfill advanced fuel target**.



- ▶ On-site upgrade, quality and quantity measurement and injection to the local DSO system.



Greenfield Biomethane projects

PRODUCTION



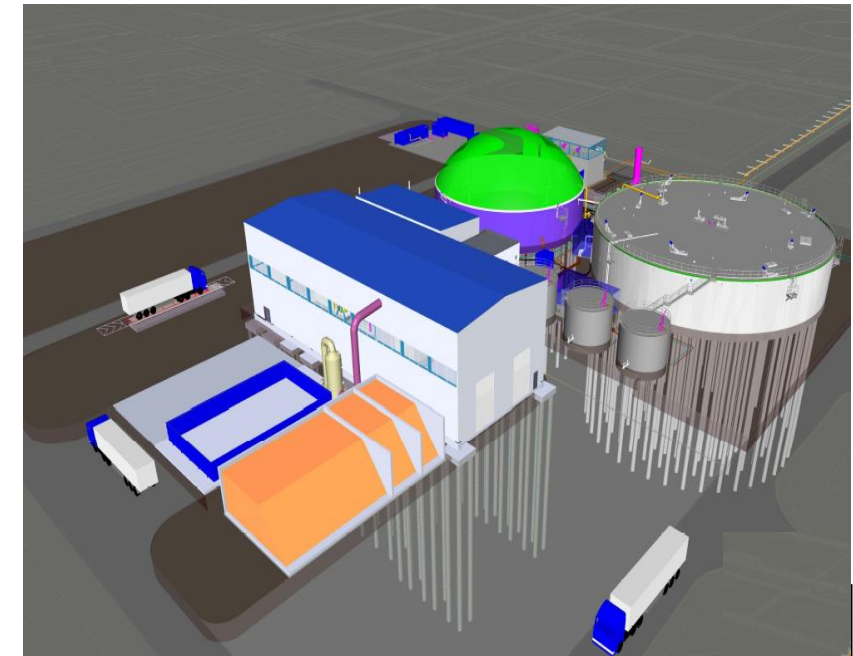
ENYING (HUN) BIOGAS PLANT

- ▶ Start of construction in 2027
- ▶ Planned start – up in Q2 2028
- ▶ Annually 6.5 mn m³ biogas production
- ▶ Utilization of 6 t waste annually
- ▶ Ongoing engineering design of the biomethane plant



SISAK (CRO) BIOGAS PLANT

- ▶ Planned start of construction in 2026
- ▶ Annually 4.5 mn m³ biogas production
- ▶ Utilization of 75kt feedstock capacity
- ▶ Ongoing permitting ☺



THE REAL BOTTLENECK IS, IF THESE ARE NOT ALIGNED IN TIME...

REGULATORY ENVIRONMENT

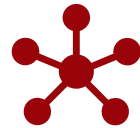
PROJECT REALITY

CAPITAL EXPECTATIONS



FEEDSTOCK

- Near proximity of the plant
- Composition of biogas yield potential
- Favorable GHG value



GAS GRID INJECTION

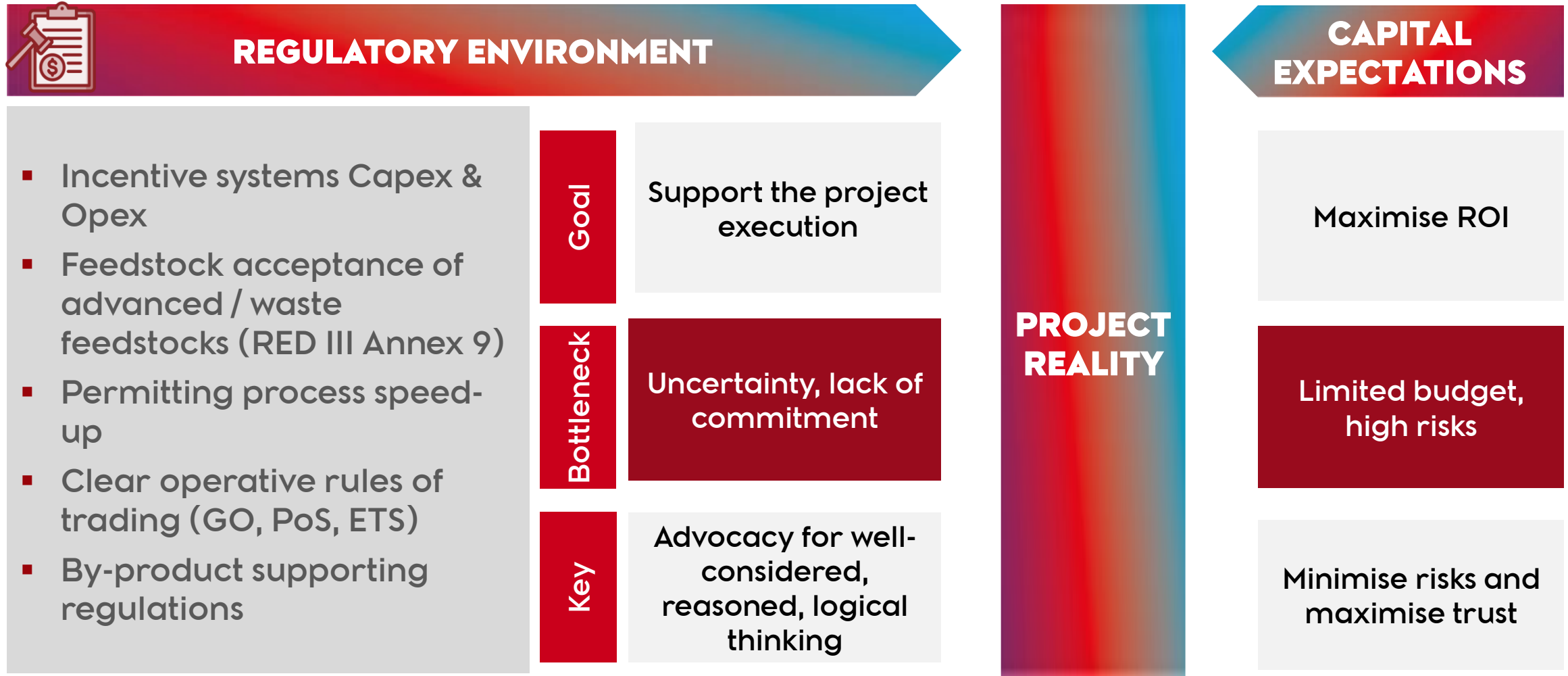
- Near proximity of the plant
- High consumption capacity



BY-PRODUCT

Cultivated agricultural lands

PILOT PROJECTS DON'T UNLOCK MARKETS - SCALE COMES FROM PATTERNS, NOT ONE-OFF SUCCESS STORIES



A thin yellow line starts at the top left, curves down slightly, and then rises towards the top right.

ĎAKUJEM