

MOL GROUP

INVESTOR PRESENTATION

November 2020









MOL GROUP IN BRIEF

INTEGRATED CENTRAL EUROPEAN MID-CAP OIL & GAS COMPANY

CORE ACTIVITIES



CLEAN CCS EBITDA BY SEGMENTS IN 2019 (USD MN)

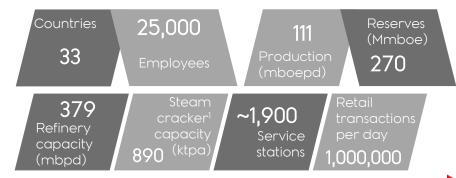
DOWNSTREAM UPSTREAM CONSUMER GAS 866 1.052 471 187

KEY FIGURES

CAPITAL MARKETS



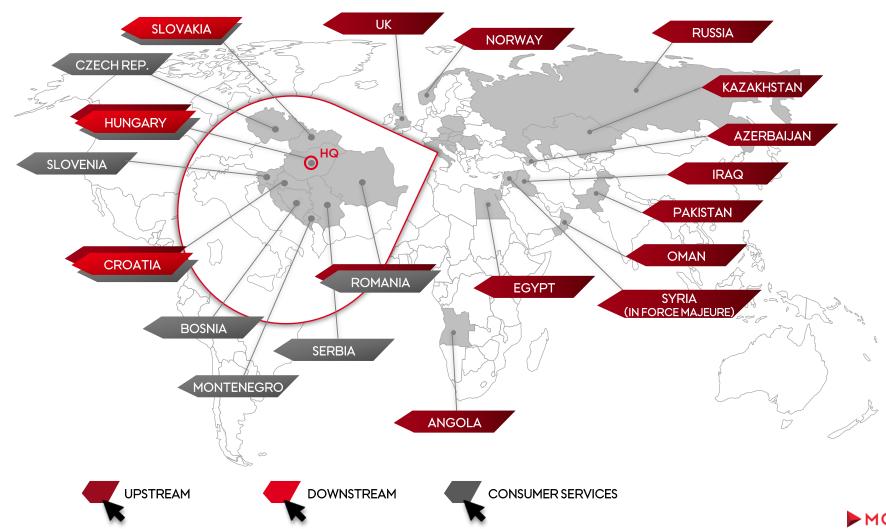
BUSINESS / ASSETS





MOL GROUP GEOGRAPHY

CEE-BASED INTEGRATED OPERATIONS AND INTERNATIONAL UPSTREAM





AGENDA





THE MOL GROUP EQUITY STORY



DELIVERING TODAY, READY TO DELIVER TOMORROW

- Efficiency & Safety: systematic focus on efficiency and safety in each business 🔪 🍗
- ▶ Resilient: high-quality, low-cost asset base, breaking even at the bottom of the cycle
- ▶ Integrated: deeply integrated business model provides remarkable cash flow stability
- Sustainable: transforming to low carbon world with sector-leading ESG ratings
- ▶MOL 2030: transforming MOL for "beyond the fuel age"
- ▶ Downstream: cash engine to drive "fuel to chemicals" transformation
- Consumer Services: becoming a true consumer goods retailer and leading the revolution of transportation in CEE
- ▶ E&P: highly value accretive barrels fund inorganic reserve replacement
- Gas Midstream: stable, non-cyclical cash flows
- Financials: robust financial framework supports strategic transformation

DOWNSTREAM: CASH ENGINE TO DRIVE "FUEL TO CHEMICALS" TRANSFORMATION AND GROWTH

DELIVERING TODAY

- ► High-quality, low-cost asset base ►
- Market leading position in Central Europe with long-standing customer relations
- Strong captive markets and a deeply integrated refining-chemicals-distribution value chain
- ▶ Proven efficiency track record: almost USD 1bn EBITDA uplift since 2011 ►
- Outstanding margin capture, capable of delivering double-digit unit EBITDA (USD/bbl)

READY TO DELIVER TOMORROW

- ► Enhancing flexibility in refining and substantially reducing motor fuel yield by 2030 mostly through increasing feedstock transfer to chemicals ►
- Investing USD 4.5bn by 2030 to grow in chemicals by moving deeper along the value chain
- Sustainability: aiming to become a recycling leader in CEE, investing in decarbonization and energy efficiency
- ▶DS2022: delivering net efficiency gains and a visible EBITDA contribution from the transformational projects

CONSUMER SERVICES: BECOMING A TRUE CONSUMER GOODS RETAILER AND LEADING THE REVOLUTION OF TRANSPORTATION IN CEE

DELIVERING TODAY

- ▶ Leading CEE fuel retailer with ~1,900 sites, market leader in 4 countries **★**
- Exploiting the fuel market potential in CEE
- ▶Increasing Fresh Corner penetration (45%+), rising non-fuel contribution (at ~30%), searching for the "next coffee"

READY TO DELIVER TOMORROW

- ▶USD 600mn+ EBITDA in 2023 from a more diverse portfolio 🗨
- Boosting Consumer Goods EBITDA with proficient FMCG capabilities
- Scaling up mobility services with car sharing, fleet management and public transport
- Digitalizing customer interactions and operations

E&P: HIGHLY VALUE ACCRETIVE BARRELS FUND INORGANIC RESERVE REPLACEMENT

DELIVERING TODAY

- ▶ Production to average at 115-120 mboepd in 2020, including the contribution from ACG from 16 April
- Strong cost discipline with an E&P cost base fit for the bottom of the cycle
- New measures adjusted capex and opex to bring down portfolio-level cash breakeven to around USD 25/boe
- Proven capabilities to operate mature, onshore assets in a cost-efficient way

READY TO DELIVER TOMORROW

MOL 2030: transforming to a sustainable international Upstream portfolio 🝆

GAS MIDSTREAM: STABLE, NON-CYCLICAL CASH FLOW

DELIVERING TODAY

- Regulated domestic transmission business
- Profitable international transit business spanning 6 regional countries
- ▶ Recent years saw significant pipeline and trade infrastructure developments as well as efficiency improvements

READY TO DELIVER TOMORROW

European gas market trends (increasing liquidity and interconnectedness) to bring opportunities and upside

ROBUST FINANCIAL FRAMEWORK SUPPORTS STRATEGIC TRANSFORMATION

DELIVERING TODAY

- ▶Q3 2020: EBITDA strongly rebounded from the Q2 lows , all segments generated positive simplified FCF despite the pandemic and economic crisis ▶
- FY 2020 EBITDA likely to be around USD 1.9bn, at the higher end of the new guidance range 🛌
- Strong commitment remains to continue with the 2030 strategic projects, including the USD 3bn+ investments earmarked for downstream transformational projects in 2019-23
- ▶ Robust balance sheet a priority; credit metrics to be commensurate with investment grade credit rating
- Steadily growing cash base dividend per share in 2014-2019, complemented by special dividends from macro upside in 2018-2019; in 2020 a share buyback was launched instead of a dividend payment

READY TO DELIVER TOMORROW

- MOL 2030 financial framework: existing assets shall generate sufficient free cash flow to fund strategic Downstream capex, Upstream reserve replacement and rising dividends
- ►MOL 2030 works with or without INA; good asset fit, but with declining importance

SUSTAINABLE: TRANSFORMING TO LOW CARBON WORLD WITH **SECTOR-LEADING ESG RATINGS**

DELIVERING TODAY

- Sustainable Development Committee integral part of the Board of Directors
- Minimize environmental footprint in line with climate change policy
- Only Emerging European corporation member of the Dow Jones Sustainability Index
- Sector-leading sustainability scores across leading ESG research/rating providers

TRANSFORMING FOR TOMORROW

- MOL 2030: transforming MOL to adapt to circular economy and a low carbon world
- MOL total carbon footprint to decline driven by fuel to chemicals transformation
- New integrated sustainability and climate strategy to address decarbonization

MEMBER OF:













RATED BY:











MOL 2030: TRANSFORMATION ON TRACK

TO A LOW-CARBON, "BEYOND THE FUEL" AGE

TODAY

FROM FUELS $\left\langle \begin{array}{c} \bullet \\ \bullet \\ \bullet \end{array} \right\rangle$



TOMORROW

- Significantly reducing motor fuel yield
- Becoming the leading CEE chemicals company



TO CHEMICALS

FROM FUEL RETAILING



- ▶ Becoming a true consumer goods retailer
- ▶ Leading the revolution of transport in CEE



TO CONSUMER GOODS/MOBILITY

FROM CEE



- Maximizing cash generation of existing barrels
- ▶ Seeking for international reserve replacement



TO
INTERNATIONAL
UPSTREAM

FROM BACK OFFICE



- Digital transformation
- Making functional areas real strategy enablers



TO DIGITAL ORGANIZATION



MOL 2030: TRACKING PROGRESS IN 2017-19 - WE ARE DELIVERING

	INTERIM TARGETS		2017-2019 STATUS	
DOWNSTREAM	EFFICIENCY	H	DS2022 EFFICIENCY DELIVERED USD 110MN IN 2018, ADDED USD 40MN IN 2019	
K	ENTER NEW CHEMICAL PRODUCT LINE(S)	H	POLYOL PROJECT ON SCHEDULE, ON BUDGET, REACHED 70% COMPLETION, CONSTRUCTION STARTED & MARKETING TEAM SET UP	
CONSUMERS	EBITDA 2023: USD 600MN+	+	EBITDA: USD 471MN IN 2019 2023 TARGET UPGRADED TO USD 600MN	
K	RISING NON-FUEL CONTRIBUTION	+	29.8% SHARE IN Q4 2019 (OF TOTAL MARGIN); 30% TARGET REACHED MUCH EARLIER THAN EXPECTED	
E&P	STABLE PRODUCTION, STRONG FCF IN 2017-19	+	2017-2019 PRODUCTION: 107-112 MBOEPD, 2017-2019 SIMPLIFIED FCF: USD 14-25/BOE	
K	START INORGANIC RESERVE REPLACEMENT	+(ACG/BTC ACQUISITION	
FINANCIALS	USD 2.0-2.2BN EBITDA; USD 1.0-1.1BN SIMPLIFIED FCF (AVG.P.A.)	+(2017-2019: EBITDA USD 2.4-2.7BN, SIMPLIFIED FCF: USD 1.4BN IN 2017-18; USD 0.36 IN 2019	
K	RISING DIVIDEND PER SHARE	+(10% CAGR IN BASE DPS IN 2017-19 50% TOP-UP AS SPECIAL DIVIDEND IN BOTH 2018 AND 2019	
SUSTAINABILITY	TOP 15% O&G INDUSTRY	H	DJSI INCLUSION IN EACH YEAR (TOP 10% IN 2019)	\rangle



DOWNSTREAM



INTEGRATED DOWNSTREAM MODEL IN CEE



11 COUNTRIES

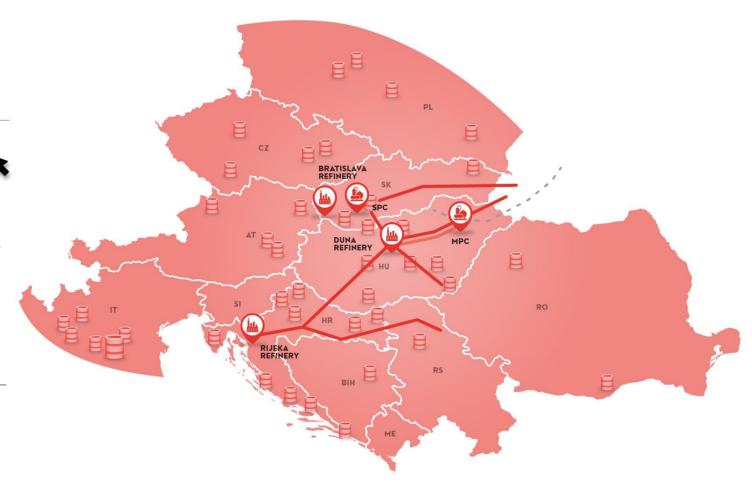
PRODUCTION UNITS

SALES OF 19 mtpa **REFINED PRODUCTS**

AND **1.11** mtpa **PETROCHEMICALS**

EMPLOYEES

9,400

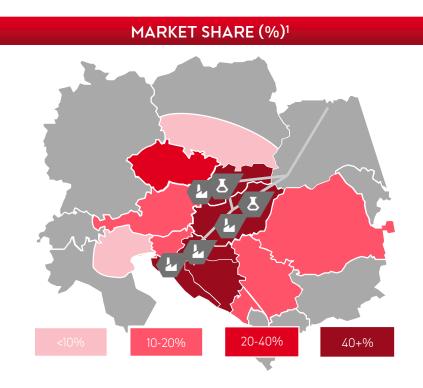






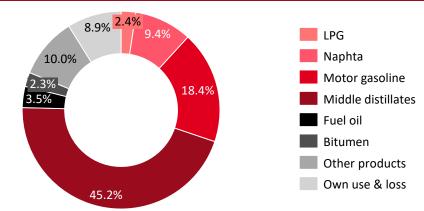
HIGH QUALITY, HIGH COMPLEXITY CORE REFINING ASSETS

MARKET LEADING POSITION WITH STRONG CUSTOMER RELATIONS IN CEE

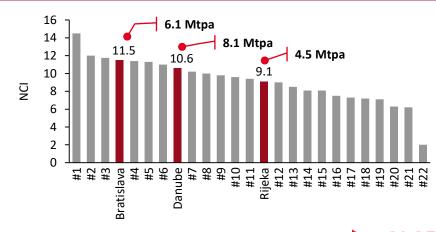


- Deeply integrated portfolio of downstream assets
- Complex and flexible core refineries
- Very strong land-locked market presence
- ▶ Retail network fully within refinery supply radius
- Enhanced access to alternative crude supply





REFINERY NELSON COMPLEXITY OF PEERS²









DEEP DOWNSTREAM INTEGRATION

DOWNSTREAM INTEGRATION Capacity Internal feedstock¹: ~2.1 Mt in 2019 **HDPE** 420 kt **OLEFINS** Petchem (ETHYLENE, **CRUDE INTAKE:** ~15% PROPYLENE, LDPE 285 kt Russian: C4 STREAM) 66% Seaborne: ~45% 26% own PP 535 kt Ethylene • Own market ³ 890 kt ~80% Refining production: captive 8% ~85% market SSBR Butadiene 130 kt 60 kt **AROMATICS**² 350 kt Retail LDPE4: 220 ktpa unit replaced three old ones in Bratislava in 2016 ▶ Butadiene: 130 ktpa unit commissioned in 2016 SSBR: 60 ktpa unit (49% MOL stake)

⁽¹⁾ Considering steam cracker feedstock (naphtha & LPG) from Danube & Bratislava refineries only

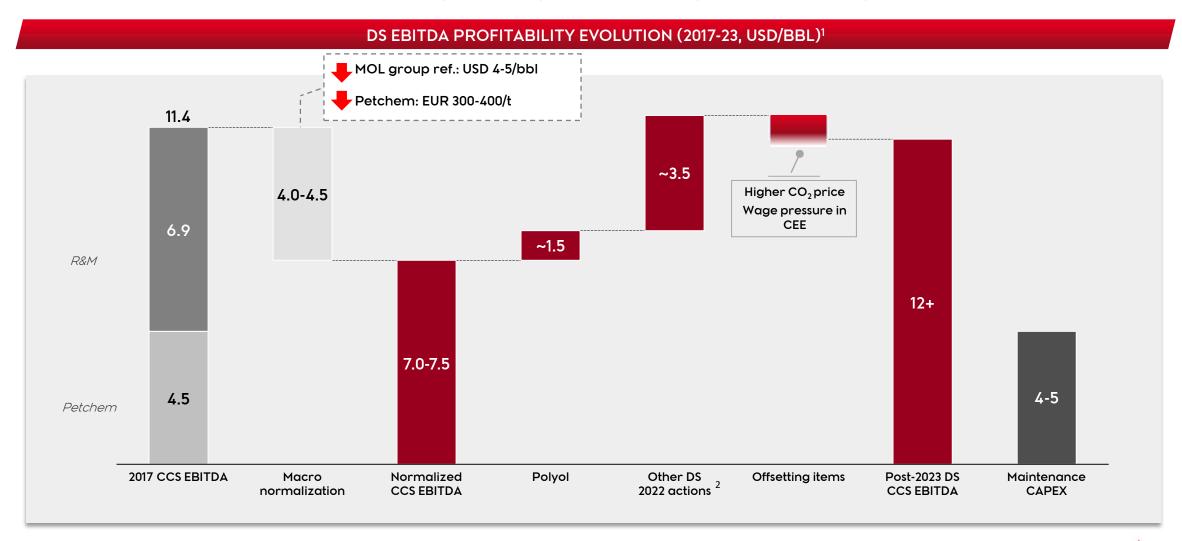
⁽²⁾ Considering 2019 production

⁽³⁾ Own market is calculated as sales to own petchem and own retail over own production



IMPROVING MARGIN CAPTURE BY 2023

DS 2022 PROGRAM TARGETS OFFSETTING POTENTIAL MACRO NORMALIZATION



⁽¹⁾ Based on processed volumes w/o INA R&M (excl. raw water and reprocessed gasoil)

PROVEN EFFICIENCY TRACK RECORD

GRADUALLY INCREASING FOCUS ON GROWTH AND TRANSFORMATION

		PROGRA	M SCOPE		FINANCIALS			
NEW DS V PROGRAM	years program	200+ Actions	O Enabler ¹ actions	Operational ² actions	O Large projects ³	500 USD mn EBITDA ⁴	150 USD mn CAPEX	
DSP	years program	300+ Actions	O Enabler ¹ actions	O Operational ² actions	8 Large projects ³	500 USD mn EBITDA ⁴	1,200 USD mn CAPEX	
D\$ 2022	6 years program	~450 Actions	190 Enabler ¹ actions	140 Operational ² actions	10+ Large projects³	600 USD mn EBITDA	3,200 USD mn CAPEX	

⁽¹⁾ Soft actions or very early stage ideas with progress tracking

⁽²⁾ Actions with measured hard operational KPIs , but non-quantified financial impact

⁽³⁾ USD >10 mn CAPEX

⁽⁴⁾ Including Retail

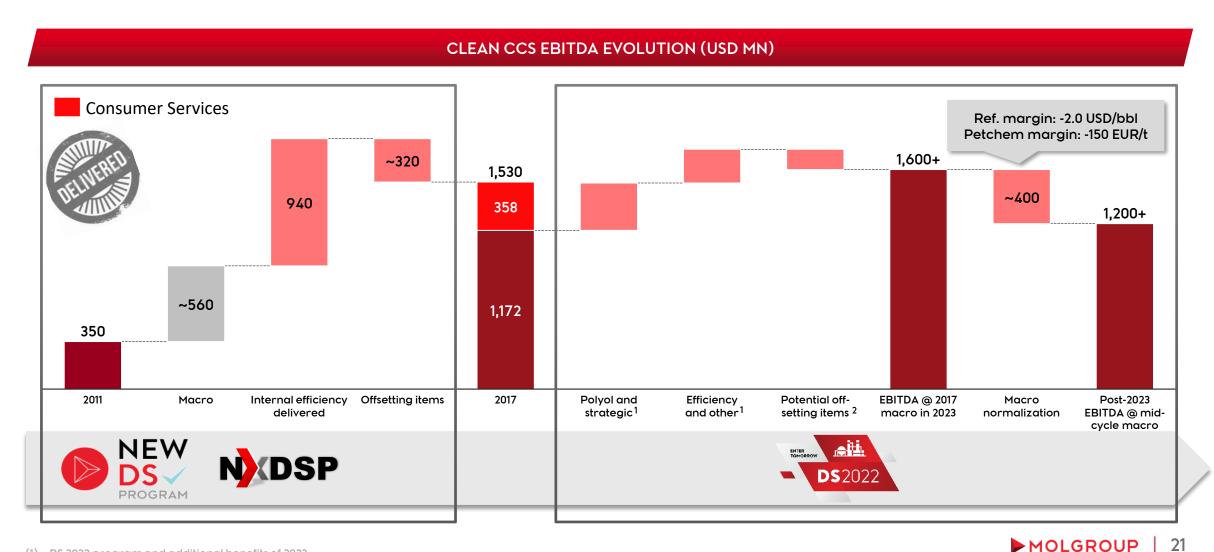






DOWNSTREAM TO CONTINUE TO DELIVER NET EFFICIENCY GAIN

AND VISIBLE CONTRIBUTION FROM THE FIRST ROUND OF STRATEGIC, TRANSFORMATIONAL PROJECTS BY 2023





DOWNSTREAM STRATEGY IS BUILT ON FOUR PILLARS

Drivers

Decreasing fuel

competitiveness

Increasing demand for sustainable

plastics solutions in

a circular economy

demand

Increasing

VALUE CHAIN EXTENSION **FUEL TO PETCHEM** Polyol Fuel conversion options Diversification opportunities Steam cracker Compounding capacity expansions **FUEL TO PETCHEM** Results **VALUE CHAIN EXTENSION** Resilient investment portfolio compiled into DS 2030 Roadmap **EFFICIENCY SUSTAINABILITY EFFICIENCY SUSTAINABILIT Energy and** Advanced Biofuel residue program Recycling INA DCU Rubber Bitumen **DS 2022**

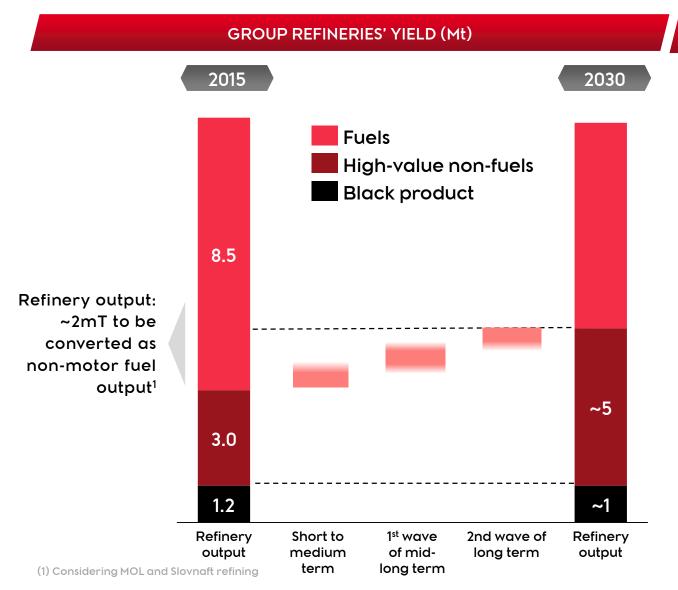






FUEL TO PETCHEM: SIGNIFICANT SHIFT IN YIELDS BY 2030 AND BEYOND

PETCHEM FEEDSTOCK, OTHER HIGH-VALUE PRODUCTS TO INCREASE BY 1-2 MN TONS



NON-FUEL YIELD INCREASE ROADMAP

Short-to-mid term opportunities, shifting 500-700kt:

- Utilizing existing flexibility to produce more naphtha, feeding the steam crackers
- MPC and SN steam crackers' lifetime extension, efficiency improvement or intensification
- FCC projects allow to increase propylene production at the expense of the gasoline pool
- Lubricants yield to increase due to the new base oil and wax strategy

Mid-to-long term opportunities to shift up to 1.5mn tons:

- Multiple technologies assessed how to rebalance refineries towards petchem production
- Investigated opportunities concern both gasoline and diesel pools
- Changes to be implemented in a series of waves due to their size



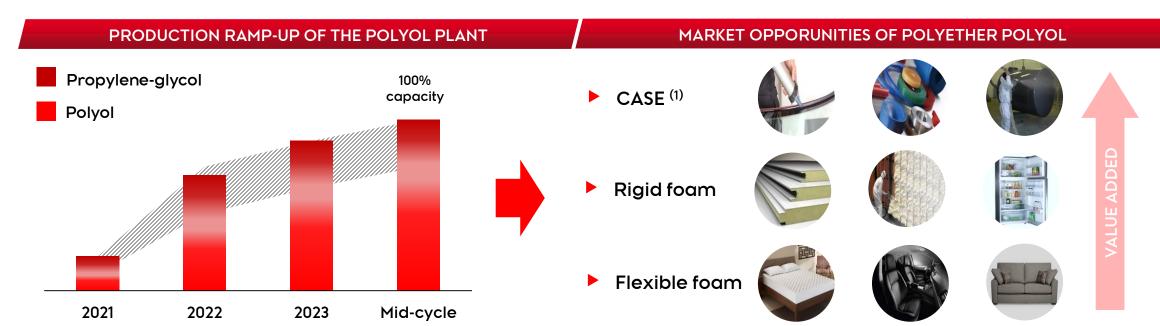






VALUE CHAIN EXTENSION IN CHEMICALS: POLYOL

EARLY R&D, MARKETING EFFORTS TO SUPPORT GRADUAL PRODUCTION RAMP-UP



- ▶ USD 1.4bn investment for a 200kt p.a. polyol plant
- Location: Tiszaújváros, Hungary
- Original planned completion of H2 2021 may suffer some delay due to COVID-19
- ▶ Mid-cycle EBITDA generation potential: USD 170mn
- Progress: 70% overall project completion as of end of Q3 2020, construction works ongoing

- Internal sales and R&D teams are already set up to formulate marketing strategy
- During the ramp-up period production to be gradually shifting towards polyol
- Ratio of high value-added products to increase with the development of R&D cooperation and commercial channels









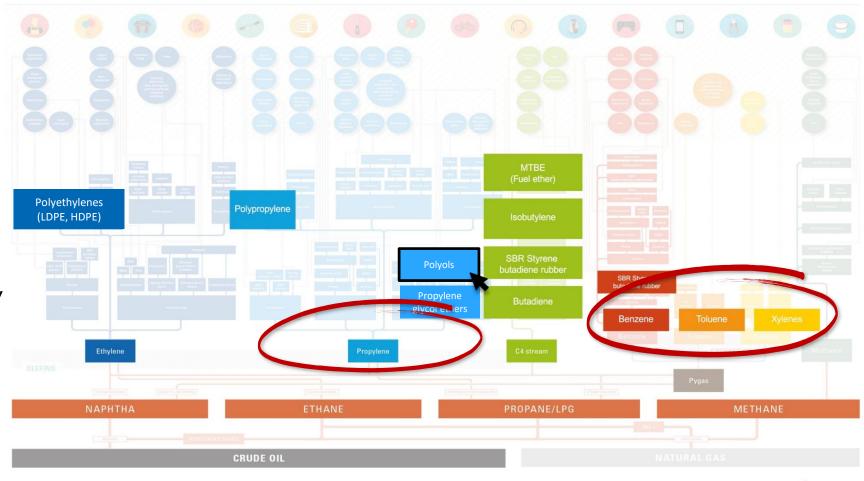
HOW TO PICK THE RIGHT PRODUCT/MARKET?

REPLICATING THE DOWNSTREAM SUCCESS STORY WITH STRONG CEE FOCUS

INVESTMENT LOGIC

- Crude oil (naphtha) based chemistry and feedstock integration
- Attractive end-user markets(Demand)
- Limited regional competition (Supply)
- Advanced technology, high entry barrier
- Leverage on well-established customer relationship in CEE (capture inland premium)

VAST OPPORTUNITIES TO EXPAND ALONG THE PETCHEM VALUE CHAIN





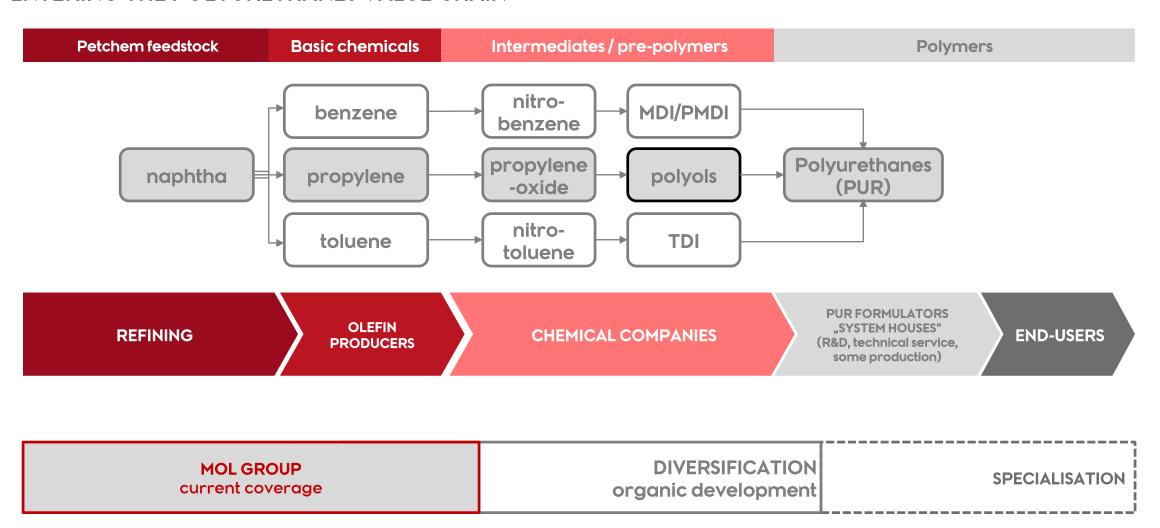






NAPHTHA-BASED PROPYLENE CHEMISTRY

ENTERING THE POLYURETHANES VALUE CHAIN



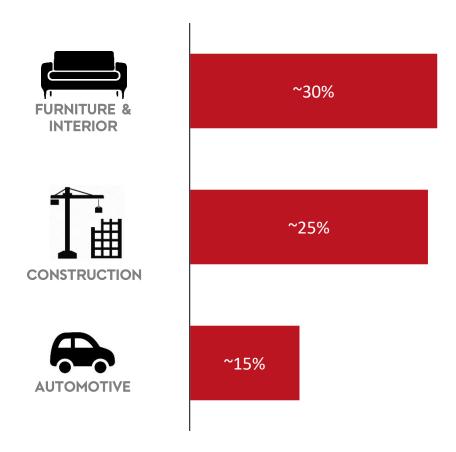


ATTRACTIVE END-USER MARKETS

WIDESPREAD APPLICATION OF POLYOL AS PUR COMPONENT DRIVES DEMAND

GLOBAL POLYURETHANE DEMAND BY INDUSTRY (% OF GLOBAL DEMAND

GROWTH DRIVERS



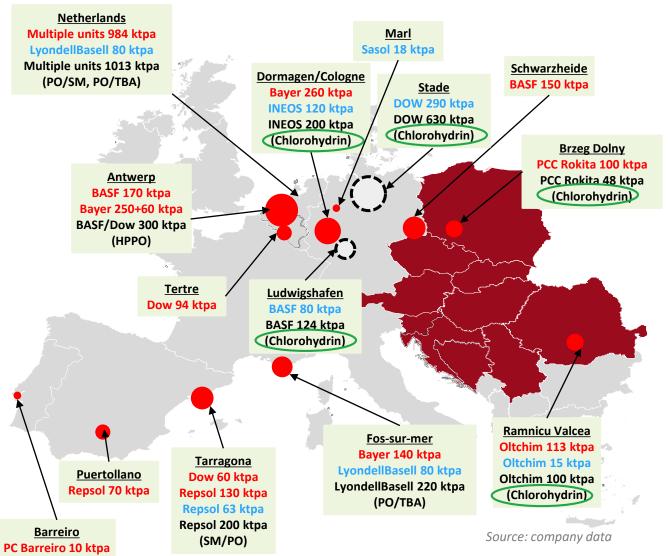
- Improving access to "essentials of life", increasing comfort needs
- Improving life expectancy and population growth
- Improving energy efficiency in construction
- ▶ Polyurethanes (PUR) have outstanding insulation characteristics, 50–70% less material required to reach same insulation value
- Lighter weight vehicles to reduce fuel consumption
- ▶ PP/PUR represent 50%+ of total plastic used in car manufacturing
- Average plastic content of a midrange car grew fivefold since the 1970s (to up to 200kg), including ca. 20-25kg polyol today



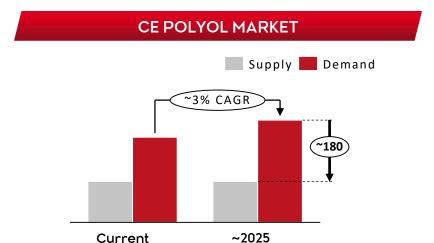


LIMITED REGIONAL COMPETITION

MOL TO BECOME THE SOLE INTEGRATED REGIONAL POLYOL PRODUCER



Legend: LOCATION **POLYOL UNIT PG UNIT** PO UNIT (TECHNOLOGY) Bubble size shows the size of the plant



- ► ~250 kt CE consumption represent ~15% of total European demand
- No ongoing capacity addition project in Europe





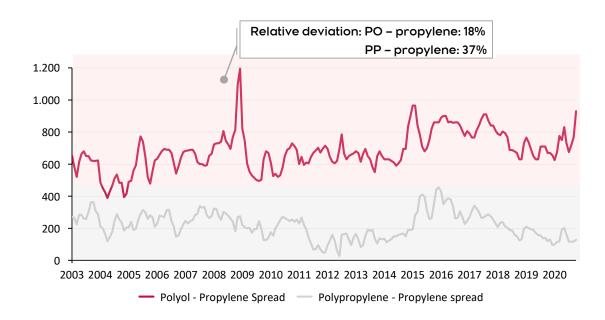




A HIGH MARGIN SEMI-COMMODITY PRODUCT

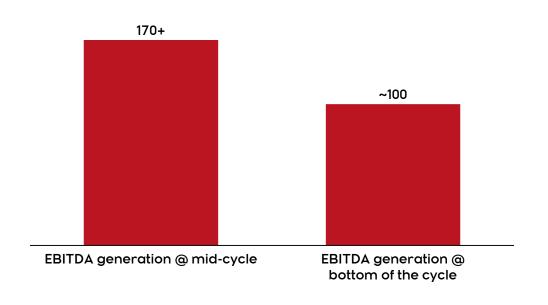
WITH AN EXPECTED USD 170MN+ MID-CYCLE EBITDA CONTRIBUTION

PROPYLENE VS. POLYOL SPREADS¹ (EUR/T)



- Moving from commodity (polypropylene) to semicommodity (polyol): a 400-500 EUR/t step-up in average margin capture
- ► CE producers enjoy 50+ EUR/t transportation cost advantage vs coastal NW-European producers

POLYOL PLANT EBITDA & SENSITIVITY (USD MN)



- Nominal payback : <10 years assuming mid-cycle margin environment
- Propylene glycol production provides optionality in lower than mid-cycle margin environment





SUSTAINABILITY: FIRST STEPS TOWARDS DECARBONIZATION



RECLYING



SOLVENT RECLYING



COMPOUNDING



RUBBER BITUMEN



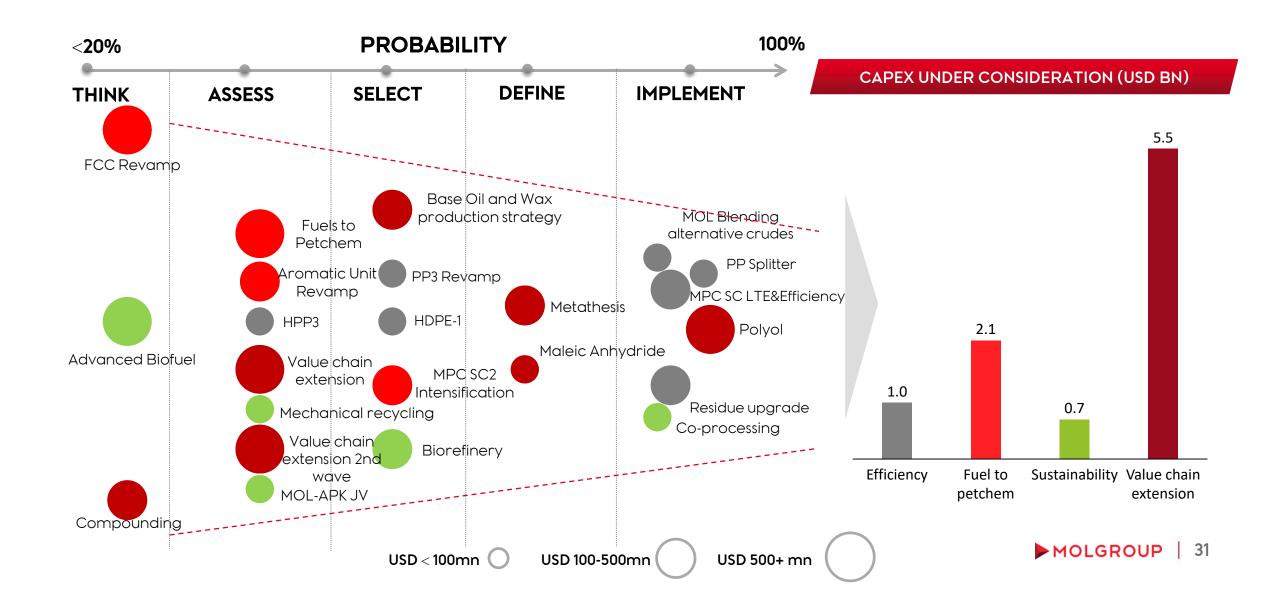
BIOREFINERY



- Strategic partnership with Meraxis who will supply high-quality post-consumer recycled materials to be blended with MOL virgin polyolefin resin
- Strategic partnership for solvent-based recycling.
- Cooperation started in 2018.
- Acquisition of German recycled plastic compounder in 2019
- Proprietary technology to recycle used tires since 2013
- ~20kt expansion completed, allowing MOL to recycle c. 10% of used tires in Hungary
- Utilization of unused own industrial sites for solar power plant installation
- Currently ~20+ MW installed
- Investment in second generation biofuels
- Focus of energy consumption reduction
- Investigate other opportunities in recycling both as product design and technology



DIVERSIFIED PROJECT PIPELINE SUPPORTS TRANSFORMATION BY 2030





TRANSFORMATION PROGRAM OF INA R&M

DELAYED COKER RECEIVED FID IN Q4 2019

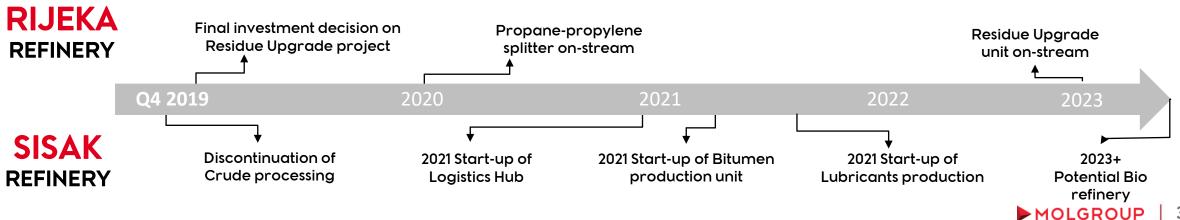


RIJEKA REFINERY

Continuing the upgrade of the refinery via the installation of a Delayed Coker (DC) unit enabling full conversion and utilization

SISAK REFINERY

Discontinuation of crude processing and development of standalone alternative industrial activities









CRUDE DIVERSIFICATION CONTINUES

TARGETING 33% SEABORNE SUPPLY BY 2022

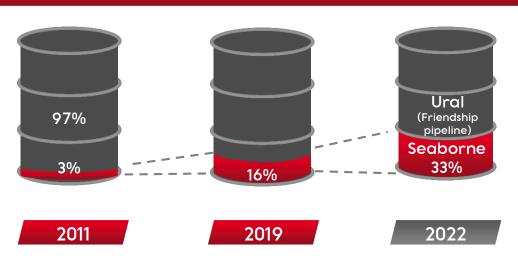
ADRIATIC PIPELINE ACCESS ESTABLISHED



Increased pipeline capacity: 6Mtpa = SN

Increased pipeline capacity: 14Mtpa = MOL+SN

CRUDE DIVERSIFICATION¹

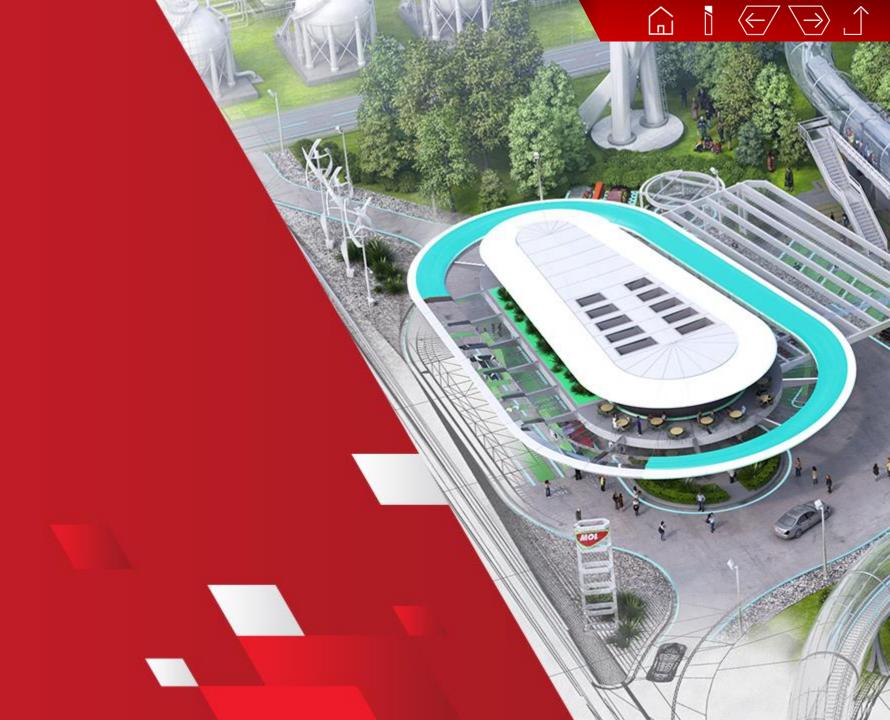


ENHANCING FEEDSTOCK FLEXIBILITY

- Majority of the crude intake to remain Ural, crude basket includes over 50 different types
- Crude blending system (in Hungary) and new crude oil tanks (in Slovakia) are under construction to further enhance supply capability
- ▶ Following the successful rehabilitation and expansion of the Friendship 1 pipeline, seaborne crude oil delivery to Slovnaft was launched in 2016

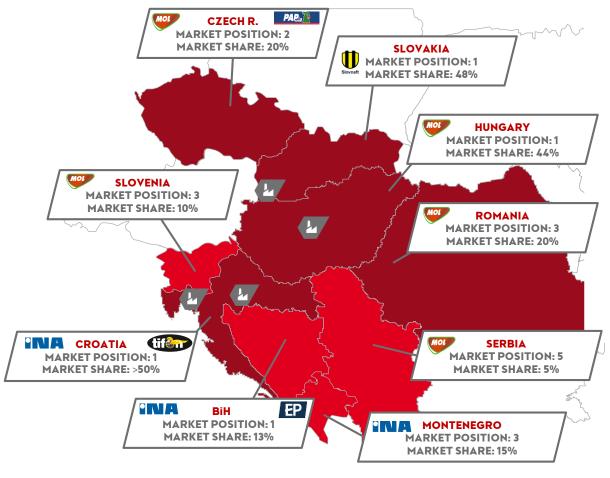


CONSUMER SERVICES



A LEADING REGIONAL NETWORK















THREE STRATEGIC GOALS WITH UPGRADED TARGETS

STRATEGIC GOALS

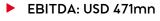
STATUS

STRATEGIC TARGETS

1. RETAIL



Becoming a true consumer goods retailer



margin in 2019

Non-fuel margin contribution to reach 35% by



▶ USD 600mn+ EBITDA target by 2023

2. DIGITAL



Digitalizing customer interactions and operations

 Advanced analytics pilots in Hungary

Non-fuel margin: 29% of total

- Digitalizing for more convenient and personalized offers
- ▶ Data-driven reward management

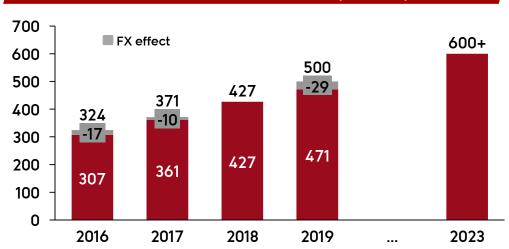
3. MOBILITY



Increasing our share in the consumers' spending for mobility services

- Car sharing in Budapest with 450 cars (increased EV fleet)
- ~4,000 cars in managed fleet (50%+ external)
- Gradual build-up of mobility services: building up EV chargers and fleet operations
- ► Continuing with car sharing, public transport

CONSUMER SERVICES EBITDA (USD MN)



2016-2019 CAGR

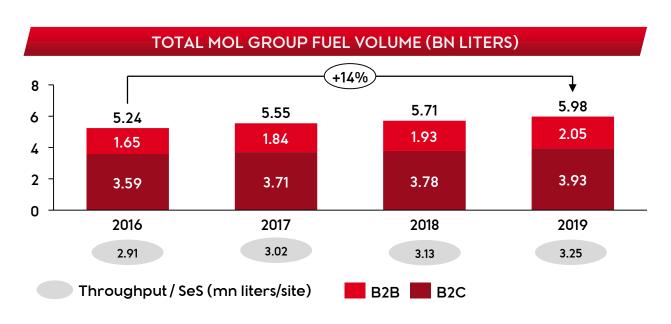
Fuel volume	+4.5%
Fuel unit margin	+4.6%
Non-fuel margin	+19.3%
OPEX	+7.4%

COMMENTS

- Volume growth slightly ahead of market implying market share growth
- Uplift driven by regional consolidation and improving demand
- Extending supply chain operations, focusing on coffee sales, optimizing number of SKUs
- Productivity Excellence program for managing operating costs and Head Office rightsizing to optimize personnel expenses

MARKET-DRIVEN TAILWIND LIKELY TO SLOW DOWN

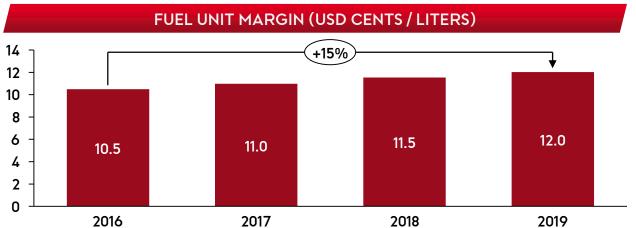
INCREASING MARKET SHARE MAY DRIVE FURTHER GROWTH IN FUEL MARGIN





Volume

- CEE markets may grow further albeit at a lower pace than in the previous years
- ► CEE: Positive GDP/capita trend, increasing real wages and disposable income; low unemployment
- Low EV penetration (2-3% in new car sales)
- Non-cyclical business; possible recession will affect this segment with a few years lag



Unit margin

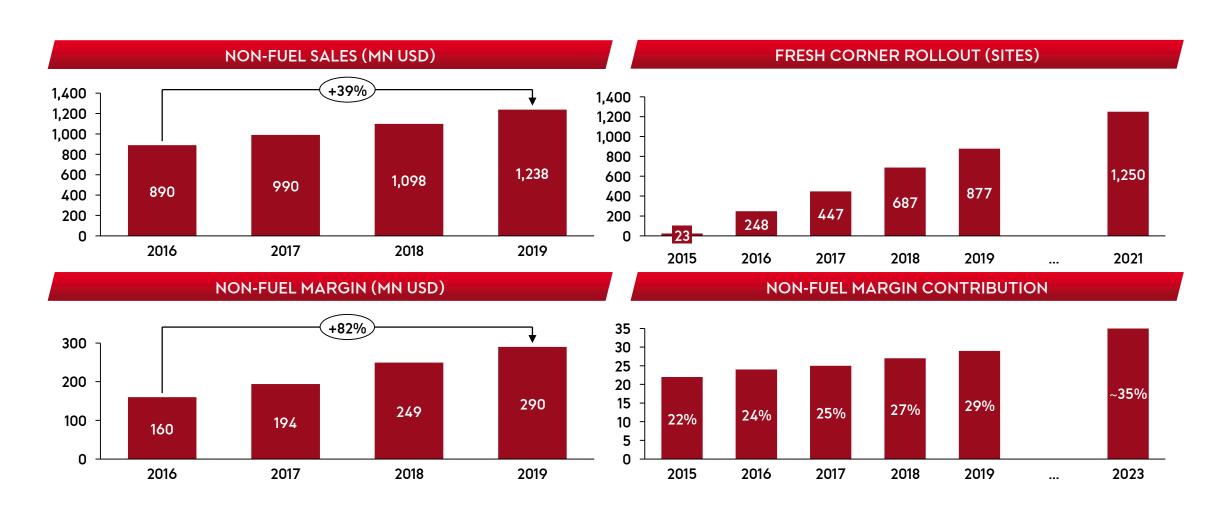
- ➤ Share of premium fuels increased from 5% to 8.5% in the last 4 years
- Stronger marketing activities to boost premium fuels to 10%+ in the coming years





SIGNIFICANT UPSIDE REMAINS IN NON-FUEL MARGIN

NON-FUEL MARGIN CONTRIBUTION TO RISE CLOSE TO 35% BY 2023



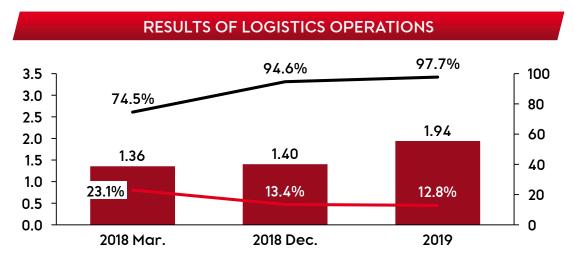






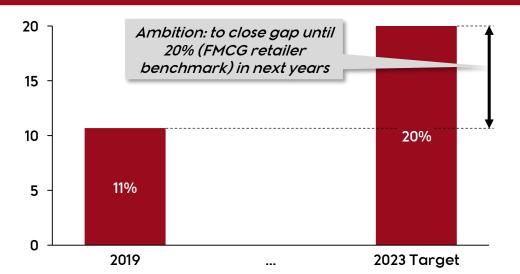
STRENGTHENING CONTROL OVER THE SUPPLY CHAIN

BUILDING UP OWN LOGISTICS AND FOCUSING ON ACTIVE SUPPLIER MANAGEMENT



- Logistics costs in % of COGS right axis
- Service level right axis¹
- Shipped item in mn pcs left axis
- ▶ Backward logistics integration: targeted 95+% service level achieved in 1.5 years and logistics costs declined (from 23% of COGS to 13%)
- ▶ Similar results targeted on other operating markets as well
- Pilot logistics facility established in Hungary, where MOL is the owner of shop goods

SUPPLIER CONTRIBUTION OF NON-FUEL MARGIN (%)



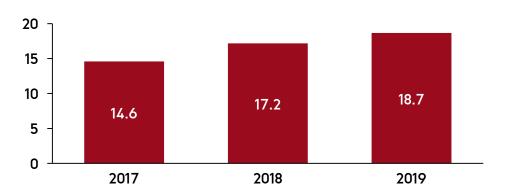
- Managing suppliers with more active negotiations to reach retailer benchmark
- Asking for higher price for valuable display, fridge and other promotion offers for suppliers
- Grow sales and supplier engagement by utilizing new marketing tools such as digital signage



COFFEE IS THE BIGGEST CONTRIBUTOR TO NON-FUEL MARGIN GROWTH

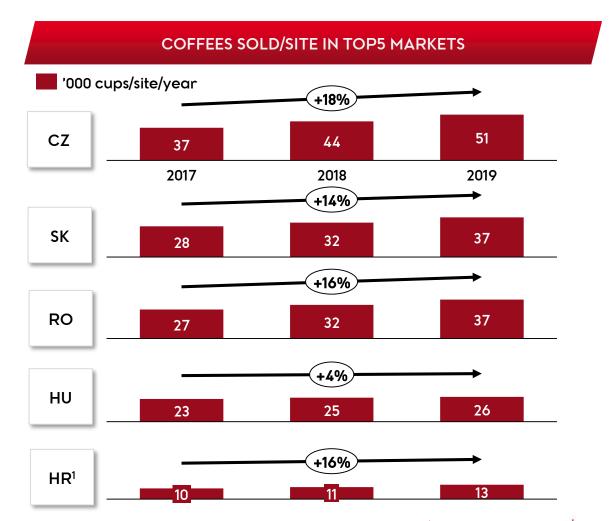
COFFEE HELPS TO BUILD THE FRESH CORNER BRAND AND EXPERIENCE IN DEVELOPING GASTRO OFFERS

SHARE OF COFFEE OF TOTAL CONSUMER GOODS MARGIN (%)



Significant upside remains

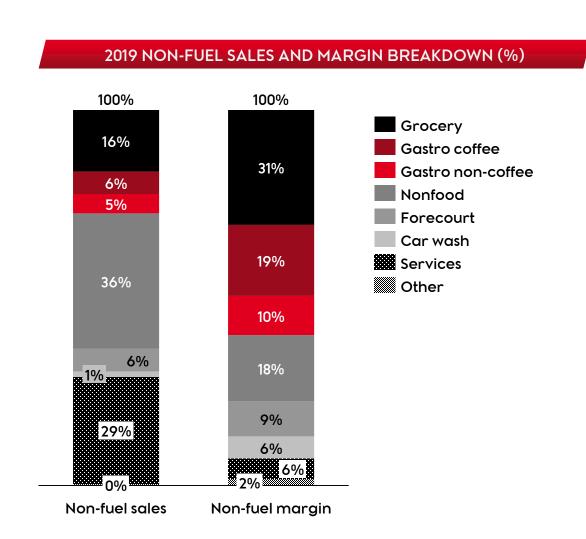
- Promoting own coffee brand under the Fresh Corner umbrella
- Reducing the gap between top-seller and laggard countries
- Increasing coffee consumption in CEE
- Continued roll-out of Fresh Corner network

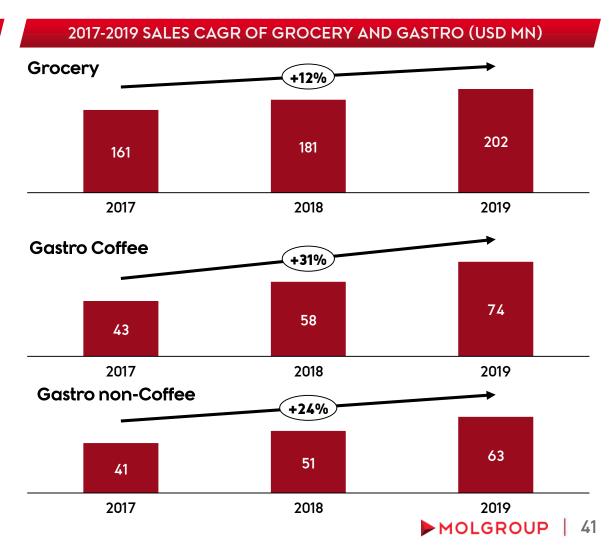




WHAT WILL BE THE NEXT COFFEE?

COFFEE WITH ~30% SALES CAGR; FURTHER POTENTIAL IN GROCERY AND NON-COFFEE GASTRO









GRADUAL BUILD-UP OF MOBILITY SERVICES GOES ACCORDING TO PLAN



Alternative fuels - (EV charging) -

Strategic aims are to develop only high performing infrastructure and be the leading provider by 2030

----- Status -----

Close to 200 chargers in operation in the group





Fleet management

Build capabilities to manage the future connected car ecosystem (purchasing, financing and operating vehicles, etc.)

----- Status -----

Managed fleet of close to 4,000 cars (50%+ are external)



.Car sharing.

Connect MOL brand and shared cars in customers' minds (building on MOL brand reputation)

----- Status ------

Operation in Budapest with ~450 cars and increased EV fleet



-Public transport—

Develop capabilities and test new business models in public transport and vehicle manufacturing

Status -----

Operation of bus fleets in several cities and scaledup manufacturing

Future plans

- Exploring additional opportunities in CEE mobility
- Aiming profitability of existing businesses
- Continue investments in new capabilities









EARLY BENEFIT FROM ADVANCED ANALYTICS IN HUNGARY

IMPLEMENTATION ON OTHER MARKETS IS IN PROGRESS



Workforce Efficiency

Optimizing human resource need at service stations: 300 kUSD¹

- Staff utilization is assessed on service station-level by machinelearning algorithm
- As a result, staff level can be increased to drive up sales or decreased to drive down cost





Grocery Pricing Optimization

Improving grocery margin through locationbased pricing: 400 kUSD¹

- Margin maximizing price adjustments for grocery products on service station level based on price elasticity
- Price changes both up and down depending on service station and product

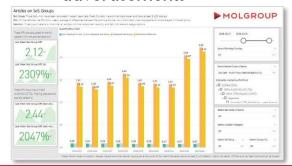




Digital Signage Measurement

Margin increase through product display on Digital Signage: 100 kUSD¹

- Early tests show that displaying products on Digital Signage increases sales by ~25% on average
- Additional benefits result from using screen time for suppliers' advertisements











PRODUCTION IN 9 COUNTRIES

CEE TOTAL Croatia, Hungary

Reserves: 159.6 MMboe Production: 62.9 mboepd

o/w CEE offshore

Reserves: 8.2 MMboe Production: 4.9 mboepd

UK, NORTH SEA

Reserves: 24.6 MMboe Production: 17.9 mboepd



AZERBAIJAN

Production: 15.4 mboepd

► RUSSIA

Reserves: 26.2 MMboe Production: 4.4 mboepd

KAZAKHSTAN

Reserves: 23.5 MMboe

PAKISTAN

RESERVES BREAKDOWN BY COUNTRIES AND PRODUCTS (MMBOE; YE 2019)

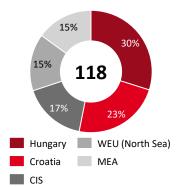
Reserves: 14.5 MMboe Production: 7.3 mboepd

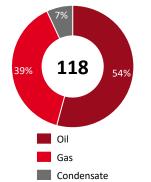
► OTHER INTERNATIONAL

Egypt, Angola, Kurdistan Region of Iraq

Reserves: 21.6 MMboe Production: 10.4 mboepd

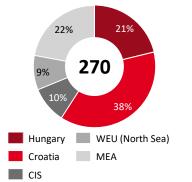
PRODUCTION BY COUNTRIES AND PRODUCTS (MBOEPD; Q1-Q3 2020)

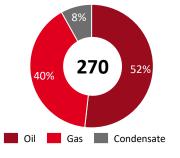




EXPLORATION

PRODUCTION



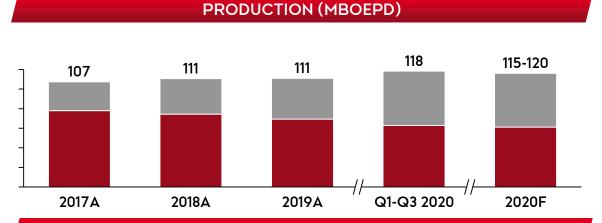




PRODUCTION GUIDANCE AT 115-120 MBOEPD FOR 2020

Q1-Q3 2020

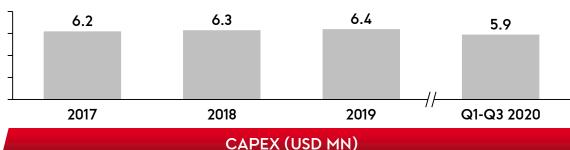




COMMENT

- 2020 Q3: ACG contribution and Pakistan recovery boosted production, more than offsetting lower UK production (planned Catcher shutdown) and the CEE decline
- ACG adds to production around 20 mboepd or more as entitlement production share is to increase in low oil price environment (PSA regime)

UNIT DIRECT PRODUCTION COST (USD/BOE)



COMMENT

2020 Q3: unit production cost decreased below the very competitive USD 6.0/boe level, driven mostly by the favourable effect of low unit cost ACG barrels

COMMENT

- Strong CAPEX scrutiny across the portfolio
- Planned CAPEX spending in 2020 reduced by USD ~100mn (without ACG)

343 340 389 240

2019

2018

2017





KEY PROJECTS IN 2020-23: CAPEX ADJUSTED TO THE "NEW NORMAL"

CEE

HUNGARY

- Shallow gas exploration
- Production optimization

CROATIA

- Offshore development campaign
- Onshore exploration
- Production optimization

INTERNATIONAL

- PAKISTAN: Maintain and extend production plateau, exploration drillings
- ▶ UK: Catcher near-field development, Scott in-fill wells
- KURDISTAN: Shaikan field development project suspended by the Operator until circumstances turn more favourable
- ► KAZAKHSTAN: Rozhkovsky Trial Production Project

NORTH SEA EXPLORATION

NORWAY

- Oil and gas discovery announced on PL820 operated license, appraisal plans under discussion with partners
- One more committed operated drilling, further operated and non-operated options in the pipeline

ACG

AZERBAIJAN

- Significant 2P reserve addition in 2020 and ~20 mboepd (net) increase in Group production
- ▶ Next stage of ACG development commenced in 2019; new offshore platform and facilities designed to process up to additional 100 mboepd (gross)







ACG: A SIGNIFICANT ADDITION TO INTERNATIONAL ASSETS

DEAL SUMMARY

- ▶ USD 1.5bn transaction value includes Chevron's 9.57% interest in ACG, 8.9% in the BTC pipeline and related midstream assets
- ▶ A major step towards the 2030 strategic target of transforming MOL E&P into an international platform; adds exposure to the key Russia/CIS region
- ▶ The deal is immediately EBITDA and EPS accretive

ASSET HIGHLIGHTS

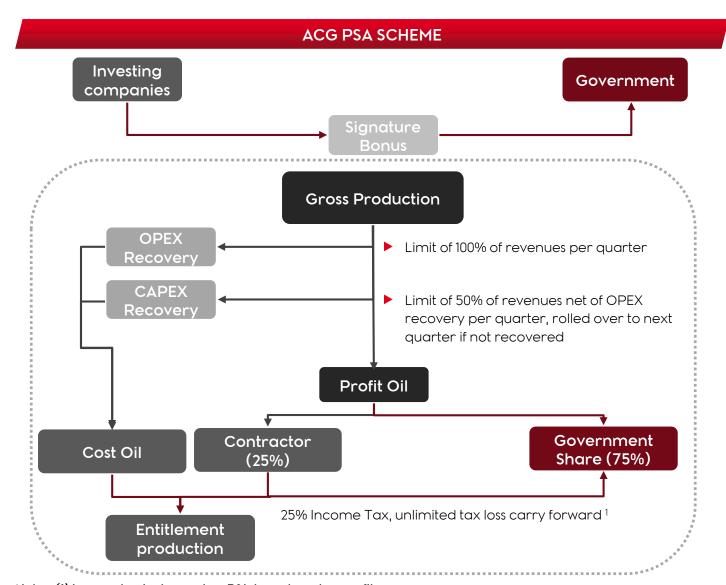
- ▶ Portfolio consists of a stake in the ACG oil field, a super-giant offshore field in Azerbaijan, with 535 mboepd gross production in 2019
- ▶ ACG is operated by BP (30.37% stake) and state-owned SOCAR has a 25% stake; MOL is the third largest partner
- ► Export to international markets is secured through ownership in the Sangachal processing plant and in pipeline assets to the Mediterranean and Black Seas (BTC and WREP pipelines)
- ▶ Pro-forma group production would increase by around 20 mboepd (net)
- ► MOL's total 2P reserves are estimated to increase to ~360-380 mmboe by the end of 2020



First oil	1997
PSA contract expiry	2049
Gross production ¹ (2019)	535 mboepd
Chevron net entitlement production ¹ (2019)	18 mboepd
Gross recoverable resources ¹ (2018)	~3,000 MMBoe



ACG: PSA REGIME/PROFILE



HIGHLIGHTS

- ▶ Original PSA signed in 1994
- ► Latest amendment in 2017 with the expiry date of 2049
- ACG shareholders have access to own entitlement production

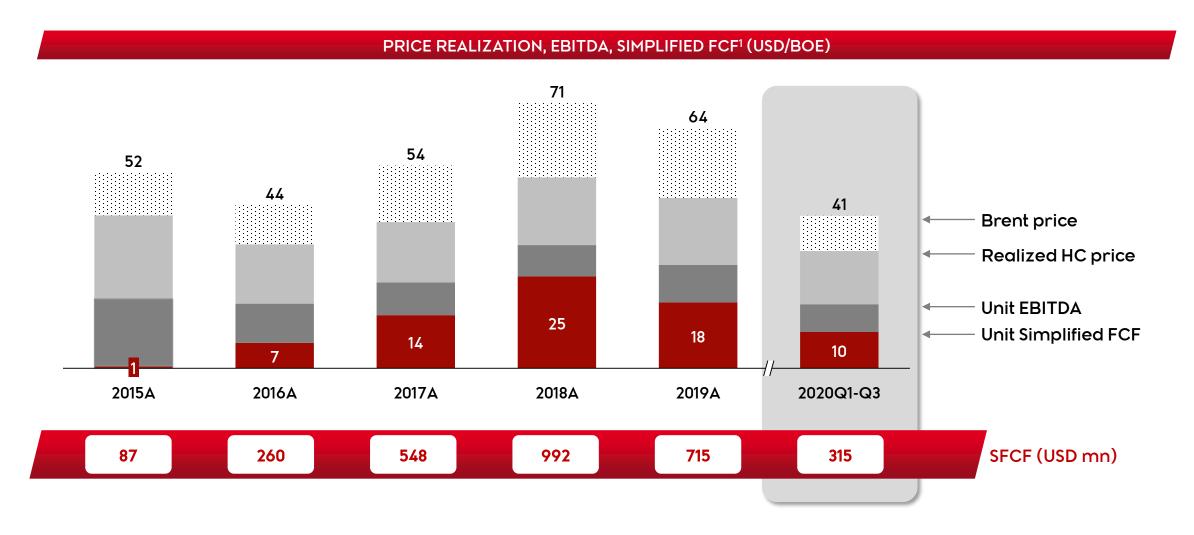






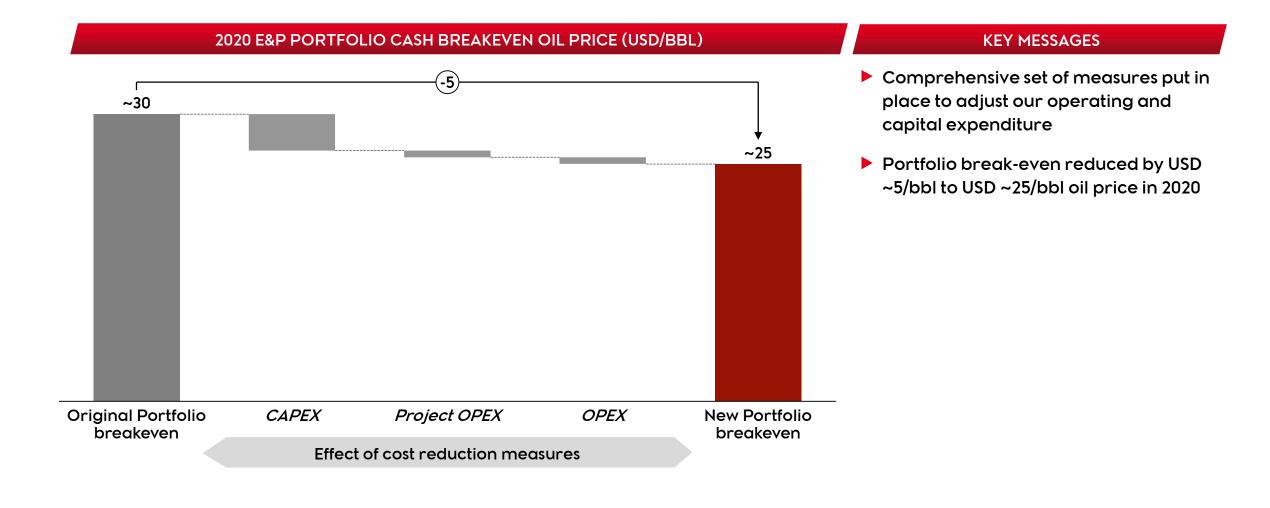


DOUBLE-DIGIT UNIT FREE CASH FLOW DESPITE DEPRESSED OIL PRICES





2020 E&P PORTFOLIO BREAKEVEN REDUCED TO USD 25/BBL





FINANCIALS, GOVERNANCE AND OTHERS

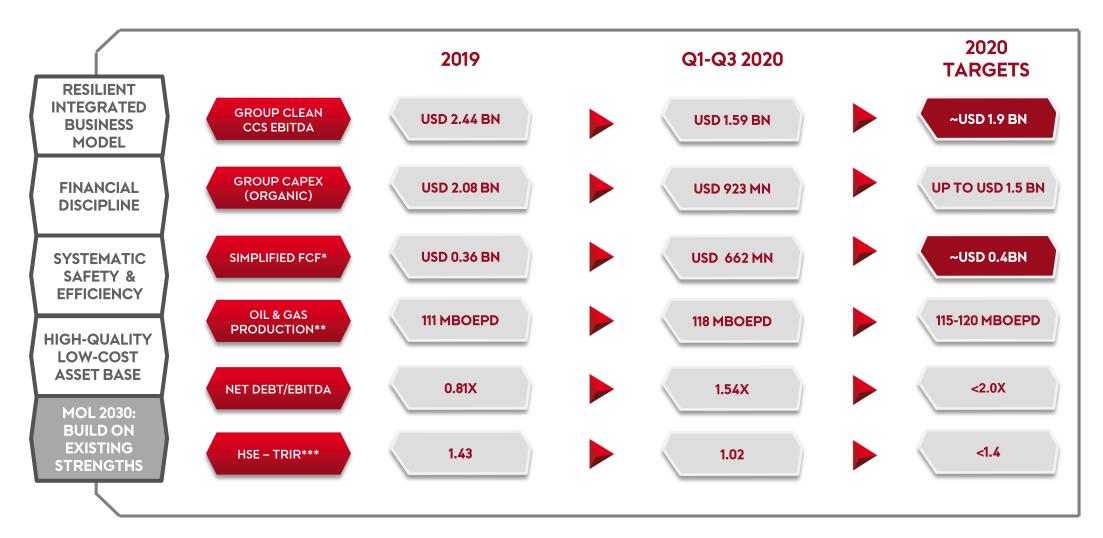






DECENT EBITDA, CONTINUED CAPEX DISCIPLINE, STRONG FCF

FY 2020 EBITDA LIKELY TO BE AROUND THE UPPER END OF THE GUIDANCE RANGE (AROUND USD 1.9BN)



^{*} Clean CCS EBITDA less Organic capex

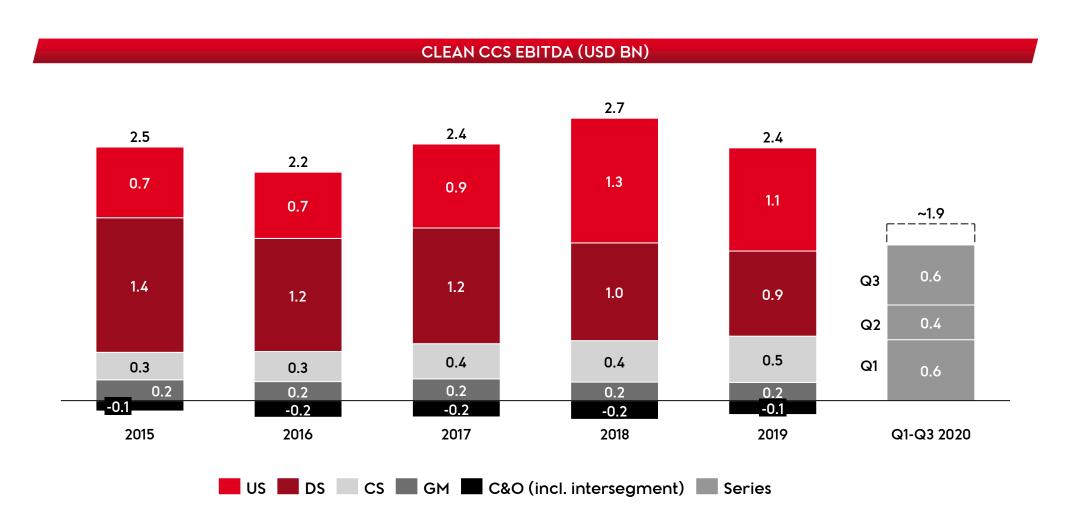
^{**} Including JVs and associates

^{***} Total Recordable Injury Rate



ROBUST EBITDA GENERATION

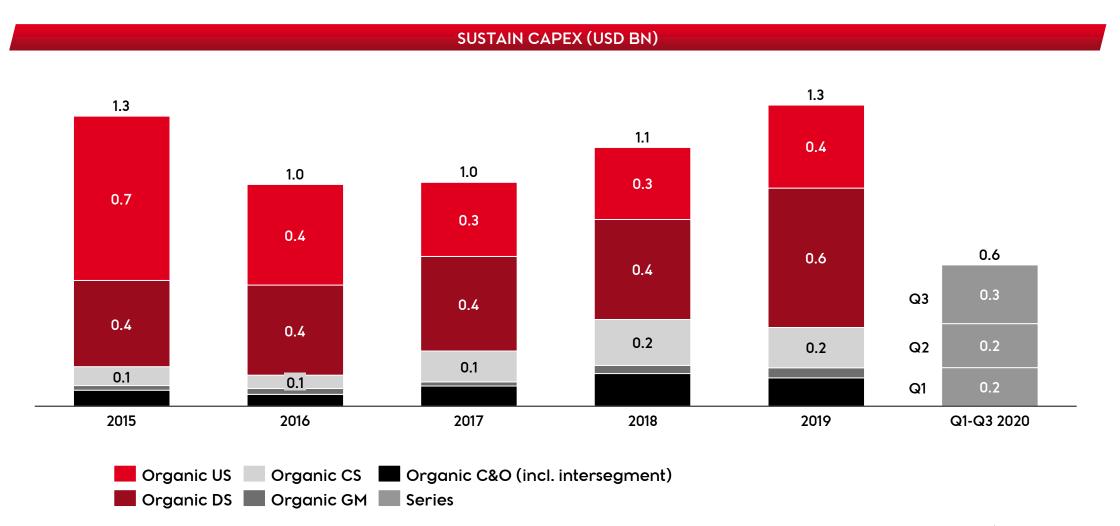
COVID-19, ECONOMIC CRISIS TO AFFECT 2020 EBITDA





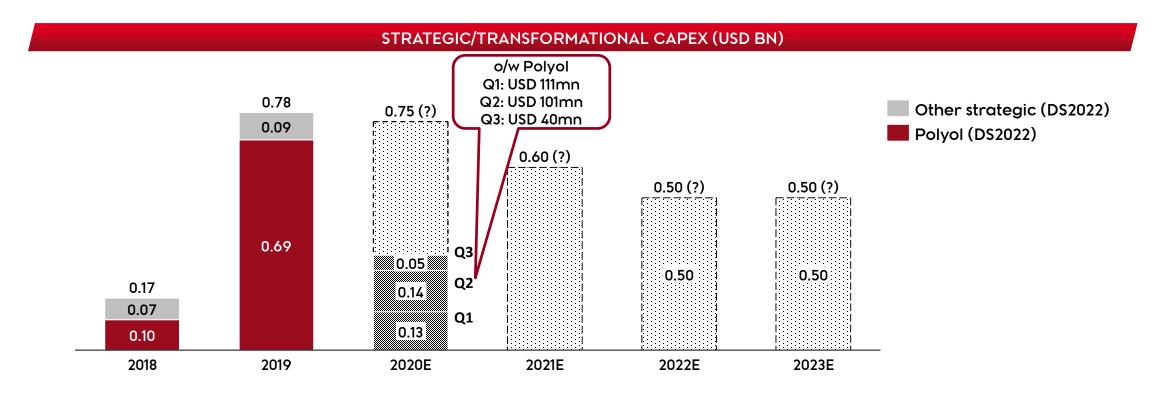
"SUSTAIN" CAPEX AT AROUND USD 1.0-1.3BN

COVID/ECONOMIC CRISIS WILL SEE MORE CAPEX SCRUTINY AND DELAY; ACG WILL ADD TO SUSTAIN CAPEX



USD 3BN+ DOWNSTREAM STRATEGIC CAPEX PLANNED FOR 2019-23

COVID-19 MAY AFFECT TIMING OF THE STRATEGIC PROJECTS



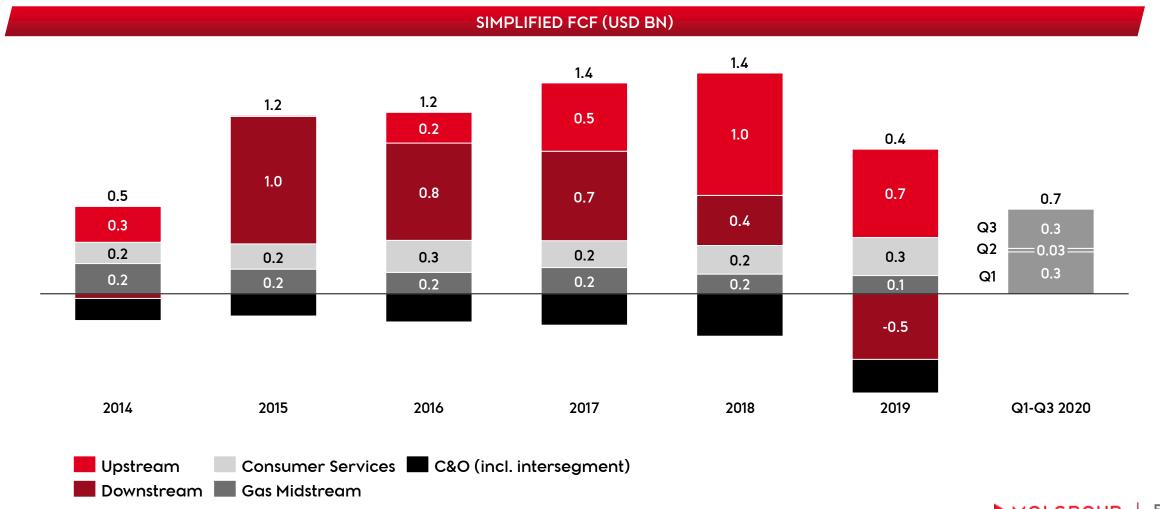
- ▶ Key strategic projects (e.g. polyol, delayed coker, alternative crude processing etc) are ongoing and are not affected by the 2020 capex revision
- COVID-19-related logistics and supply chain issues may, however, result in unintended delays to strategic projects as well



ROBUST SIMPLIFIED FREE CASH FLOW IN 2015-2019

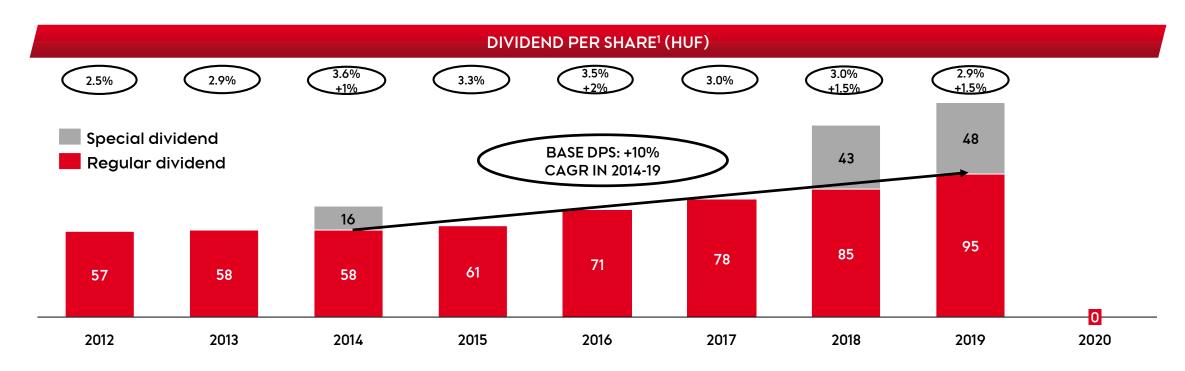
TRANSFORMATIONAL CAPEX REDUCES FCF FROM 2019





SHARE BUYBACK LAUNCHED IN 2020; NO 2019 DIVIDEND PAYMENT

STEADILY RISING BASE DPS IN 2014-19, COMPLEMENTED BY SPECIAL DIVIDEND IN 2018 AND 2019



- Cash dividend is the primary distribution channel to shareholders
- ▶ The 2020 AGM decided in April 2020 not to pay 2019 dividend amidst the pandemic; an up to 5% 12-month share buyback was launched in September
- ▶ Special dividend is a tool to share excess free cash flow with shareholders when balance sheet, CAPEX plans allow it
- Annual review of the status and the potential use of treasury shares to continue



⁽²⁾ Calculated with publication date (AGM) share prices

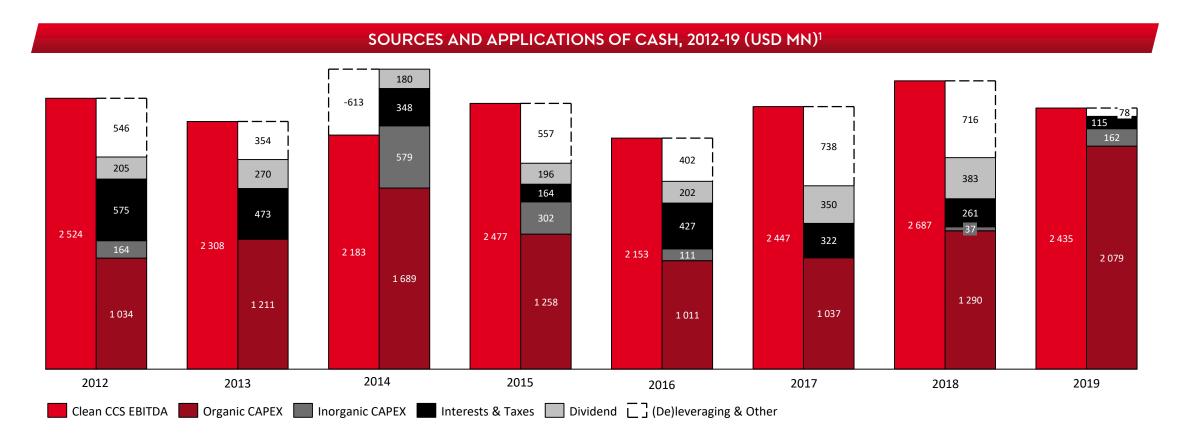








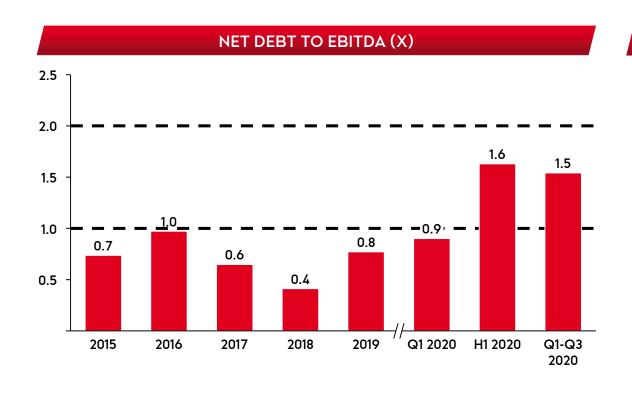
SOURCES AND APPLICATIONS OF CASH



- ▶ EBITDA/CAPEX gap should cover taxes, cost of funding, dividends and small-size M&A...
- ...and would also contribute to funding the upcoming transformational projects



BALANCE SHEET REMAINS ROBUST POST-ACG COMPLETION



MOL 2030

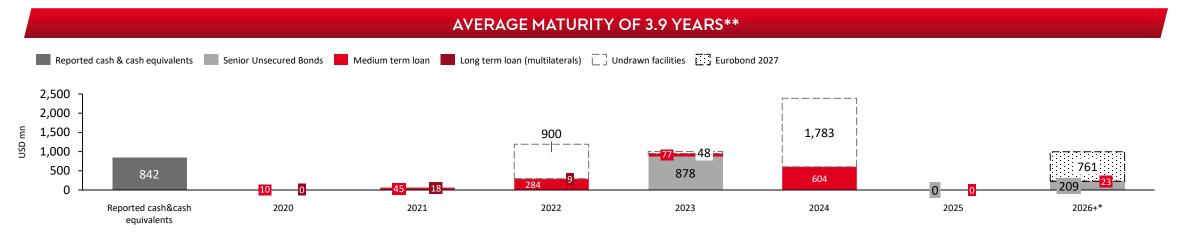
- ► ACG transaction lifted leverage upon completion to around 1.6x, still well within our comfort zone
- ACG is immediately EBITDA accretive, hence will contribute to bringing down leverage from day 1
- ► ACG was funded from available liquidity and the transaction required no material adjustment in our funding strategy
- ► EUR 650mn 7-year Eurobonds were issued in October 2020 with 1.64% yield, the lowest in MOL's history
- ► HUF 36.6bn 10-year local bonds were also issued (1.697% yield)
- Credit metrics shall remain commensurate with investment grade credit rating



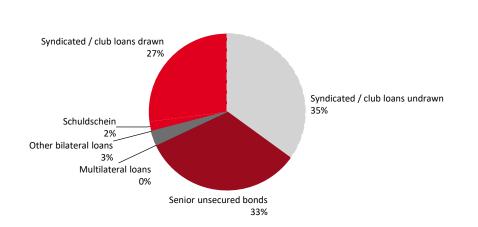


AMPLE FINANCIAL HEADROOM*

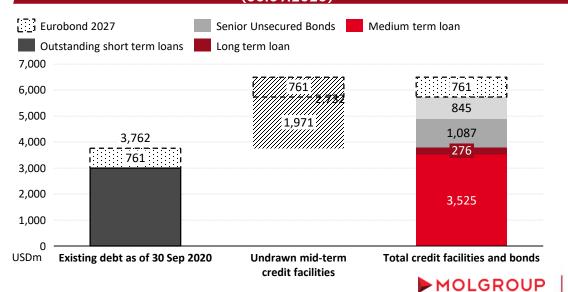
FROM DIVERSIFIED FUNDING SOURCES



MID- AND LONG-TERM COMMITTED FUNDING PORTFOLIO



DRAWN VERSUS UNDRAWN FACILITIES (30.09.2020)***



^{*} Includes Eurobond 2027 (a 7-year bond EUR 650m (~USD 761m) issued in early October 2020).

^{**} If Eurobond 2027 is excluded average maturity is 3.4 years.

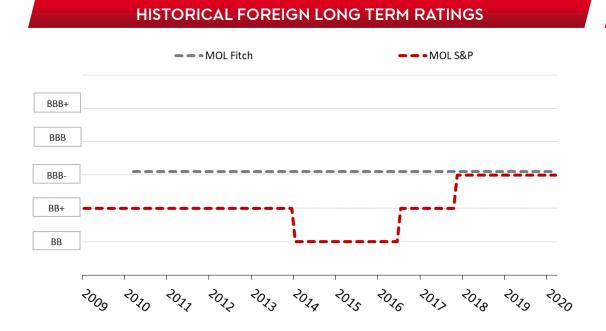
^{***} Proceeds from Eurobond 2027 used to repay medium term loans which freed up Undrawn mid-term credit facilities by same amount while keeping debt at pre-Eurobond level.



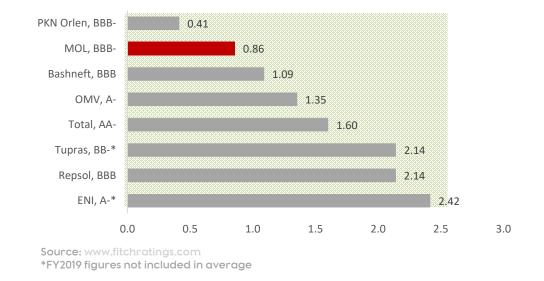


FULL INVESTMENT GRADE RATING PRESERVED

EVEN UNDER CURRENT UNPRECEDENTED AND CHALLENGING MARKET CONDITIONS



FFO ADJUSTED NET LEVERAGE (4Y AVG. 2016-2019)



- ▶ Standard & Poor's confirmed BBB- investment grade rating, with revised outlook (from positive to stable) in March 2020
- ▶ BBB- (stable outlook) affirmed by Fitch Ratings in June 2020
- ▶ MOL's strong financials are visible even among better-rated peers and kept stable even under harsh downturn following the oil price collapse and coronavirus outbreak in the first months of 2020



MOL 2030 WORKS WITH OR WITHOUT INA

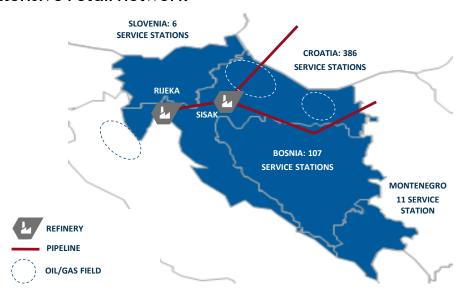
FOCUS ON SECURING RETURN ON INVESTMENT

REALITIES AND PRIORITIES

- MOL 2030 strategy can be and will be executed with or without INA
- Good geographical fit and untapped efficiency upside in downstream
 - Construction of Rijeka Delayed Coker
 - Conversion of Sisak site to various industrial activities
- > Yet, the relative importance of INA has declined within MOL Group
- Priority: to maximise the value of MOL's investment in INA:
 - Keeping/operating INA on market-based terms and with a MOL-controlling position or
 - ► Selling/monetizing the investment
- Legal proceedings continue; first arbitration in favour of MOL (all Croatian claims rejected)

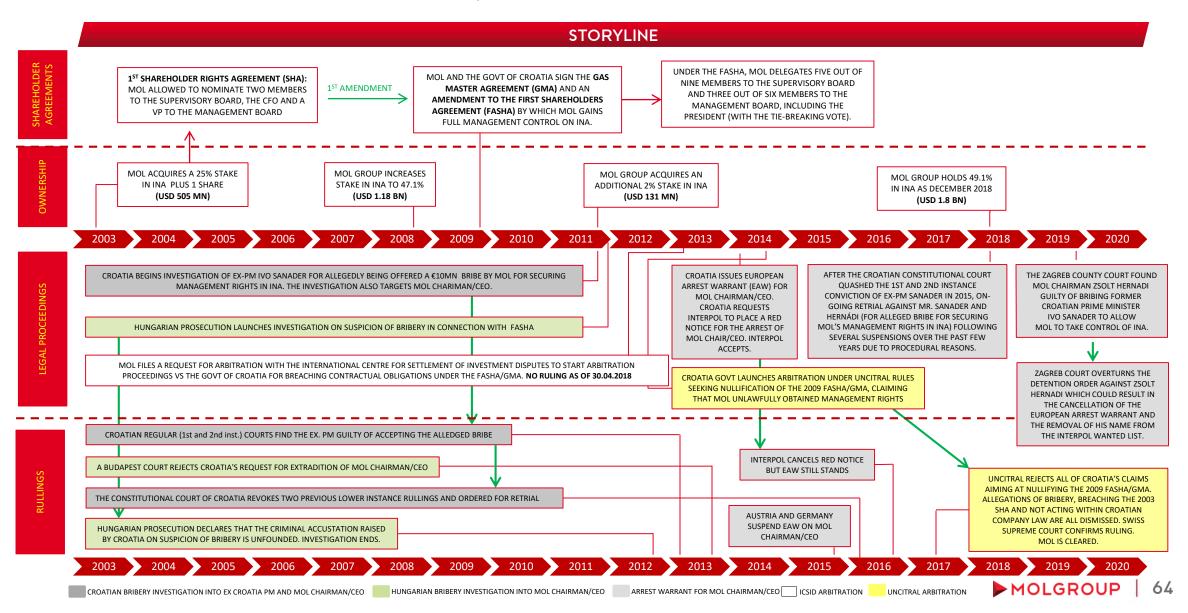
STRONG REGIONAL ASSET BASE

- Low-cost E&P in Croatia* (both onshore and off-shore)
- Coastal refinery (Rijeka)
- Extensive retail network



More information on the history of MOL & INA

THE HISTORY OF INA & MOL, 2003-2019





MOL-CROATIA ARBITRATION STATUS

UNCITRAL ARBITRATION (CROATIA VS. MOL)

INITIATED BY

GOVERNMENT OF CROATIA

WHEN

17 JANUARY 2014

FORUM

PCA (PERMANENT COURT OF ARBITRATION), GENEVA
UNDER UNCITRAL (UNITED NATIONS COMMISSION ON
INTERNATIONAL TRADE LAW) RULES

THE CLAIM

THE MAIN ALLEGATION OF THE GoC² WAS THAT CHAIRMAN OF MOL HAD BRIBED CRO'S FORMER PM DR. IVO SANADER TO GAIN MANAGEMENT CONTROL OVER INA THROUGH AMENDING THE 2003 SHAREHOLDERS AGREEMENT AND SIGNING AN OTHER AGREEMENT RELATING TO INA'S GAS BUSINESS IN 2009. THEREFORE IT REQUESTED NULIFICATION OF THESE AGREEMENTS ON VARIOUS BASIS.

STATUS

FINAL AWARD (IN MOL'S FAVOUR)
ON 23 DECEMBER 2016, THE UNCITRAL TRIBUNAL
REJECTED ALL OF CROATIA'S CLAIMS BASED ON
BRIBERY, CORPORATE GOVERNANCE AND MOL'S
ALLEGED BREACHES OF THE 2003 SHAREHOLDERS
AGREEMENT.

ICSID ARBITRATION (MOL VS. CROATIA)

MOL

26 NOVEMBER 2013

ICSID (INTERNATIONAL SETTLEMENT OF INVESTMENT DISPUTES), WASHINGTON

REMEDY FOR SUBSTIANTIAL LOSSES INA SUFFERED IN THE GAS BUSINESS AS A CONSEQUENCE OF THE BREACH OF THE 2009 AGREEMENTS BY THE GoC2. THE PROCEEDING IS ALSO ABOUT ABUSE OF REGULATORY POWER AT THE EXPENSE OF A SINGLE ACTOR, INA, AND INDIRECTLY, MOL.

ONGOING

^{(1) 2009} Agreements refers to FASHA (First Amendment to the Shareholders Agreement), GMA (Gas Master Agreement) and FAGMA (First Amendment to the Gas Master Agreement)

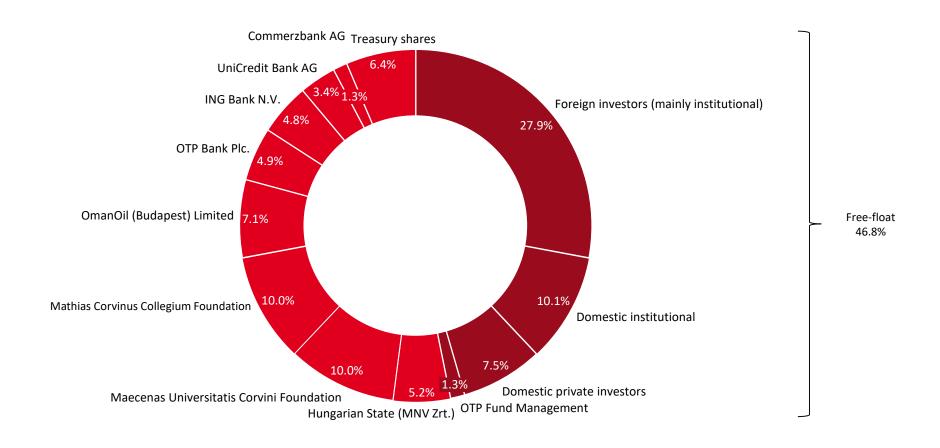








SHAREHOLDER STRUCTURE¹





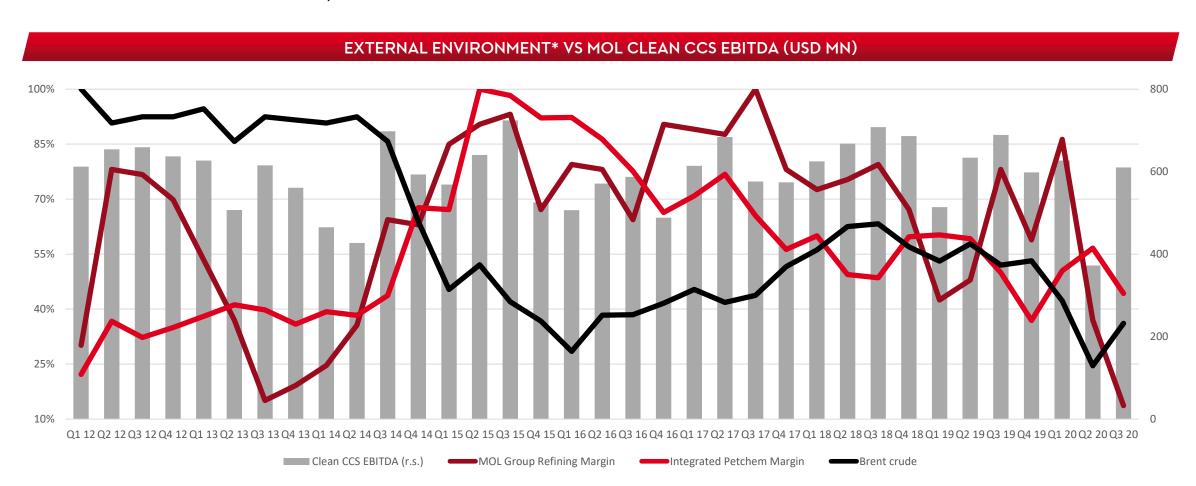






COMMODITY DRIVERS REMAIN UNDER PRESSURE

EBITDA DEFIES MACRO IN Q3, HELPED BY SEASONALITY AND GROWING SHARE OF NON-COMMODITY BUSINESSES



^{*} The quarterly % values of the Refinery Margin, Petchem Margin and Brent price are measured against their respective maximum values (100%) in the period of Q1 2012 – Q3 2020

100% equals to the following values:

KEY ITEMS OF TAXATION

CORPORATE INCOME TAX (CIT) RATES CUT IN CORE OPERATING COUNTRIES

HUNGARY

- ► CIT tax remains at 9%
- ▶ Profit based 'Robin Hood' with an implied tax rate of 21%
 - ▶ Only energy related part of the profit affected (~66%), nameplate tax rate is 31%
 - ▶ Only the Hungarian operation of certain companies are affected (i.e. MOL Plc., while gas transmission (FGSZ) or petrochemicals (MOL Petrochemicals) are not subject to the tax)
- ▶ Gross margin-based Local Trade Tax (2%) and Innovation Fee (0.3%)

CROATIA & SLOVAKIA

▶ CIT rate at 18% in Croatia and 21% in Slovakia

HUF bn	2015	2016	2017	2018	2019
Local Trade Tax and Innovation Fee	15	14	15	16	16
Corporate Income Tax (incl. RH tax)	23	37	29	24	17
Total cash taxes	38	51	44	40	33

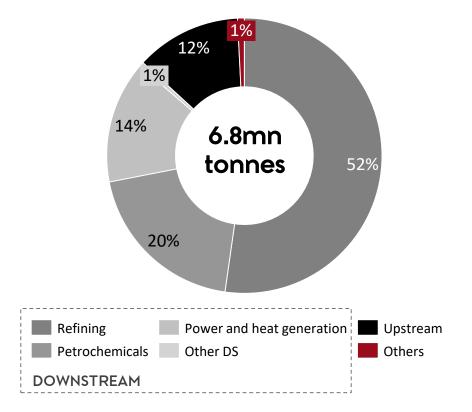


GHG: DOWNSTREAM AND FUEL SALES BIGGEST GHG CONTRIBUTORS

SCOPE 2 IS MINIMAL

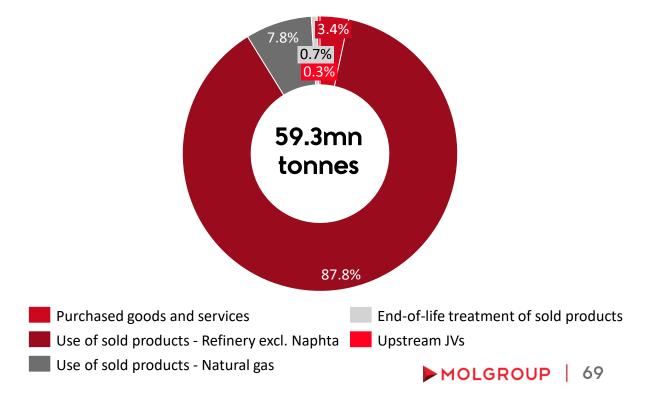
TOTAL GHG EMISSIONS SCOPE 1

- ▶ Downstream accounts for 90% of MOL's own GHG emissions
- ► Around 90% of all Scope 1 falls under ETS
- Scope 2 emissions are typically around 1 million tonnes pa.



TOTAL GHG EMISSIONS SCOPE 3

- ▶ Use of sold products, incl. refinery products (diesel, gasoline) and natural gas accounts for 95% of all Scope 3 emissions
- Purchased goods include purchased crude oil and bio-fuel



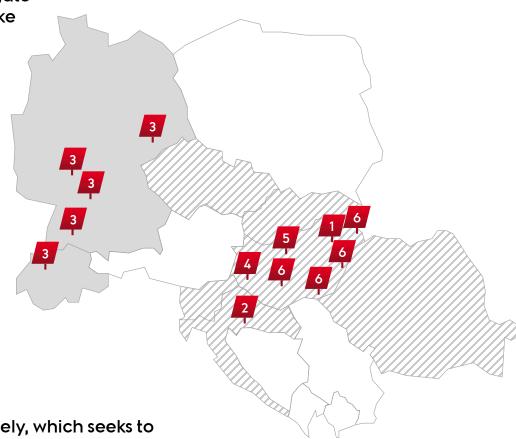
NEXT STEPS TOWARDS ADAPTING TO A LOW(ER) CARBON WORLD

A NEW COMPREHENSIVE CARBON/SUSTAINABILITY STRATEGY TO BE INTEGRATED INTO MOL 2030

CLIMATE CHANGE, 2030 STRATEGY AND MOL'S FUTURE PRODUCT PORTFOLIO

Several initiatives and projects are already in progress to help mitigate transition risk caused by climate change and also contribute to make MOL "greener"

- 1 Extension of the chemical value chain
- 2 Feasibility of bio-refinery
- Integration of plastics recycling/compounding
- Expansion of tire recycling
- 5 Launch of car sharing
- 6 Development of renewable energy
- Deployment of EV charging infrastructure
- A comprehensive "carbon strategy" initiative has been launched lately, which seeks to address all climate change-related concerns, targets and actions in the mid-to-long-term and will be an integral part of MOL's sustainability and general corporate strategy









$\stackrel{'}{\Longrightarrow}$,

ESG: STRONG RATINGS, LEADING IN TRANSPARENCY

TOP POSITIONS ACROSS LEADING ESG1 RESEARCH, RATING AND INDEX HOUSES

ESG INDEXES AND RATINGS

- ▶ Monitoring of and response to all ESG rating/index houses
- ▶ Engagement with ESG analysts to ensure understanding of MOL
- Consistently strong(er) E&S scores across all players, while
 somewhat weaker, but improving corporate governance scores

Dow Jones
Sustainability Indices



RELATIVE RATING ² VS INDUSTRY PEERS	TOP 10%	TOP 20%
MOL SCORE	70	AA
ENVIRONMENTAL	75	7.6
SOCIAL	68	8.3
GOVERNANCE	69 ⁴	4.7



▶ 6th lowest risk among 284 global O&G peers (top 2%); and 2nd lowest risk among 45 global integrated O&G peers (top 3%)

ESG REPORTING AND DISCLOSURE





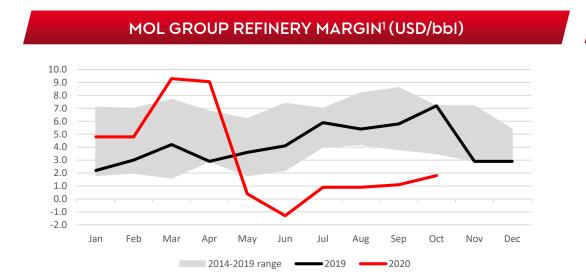
- ▶ MOL reports using both SASB and GRI Standards
- Integrated Reporting combined with Data Library
- Data Library contains over 650 ESG data points
- ▶ Pre-empt, address rising ESG disclosure expectations
- ▶ Target: leader in industry disclosure practices

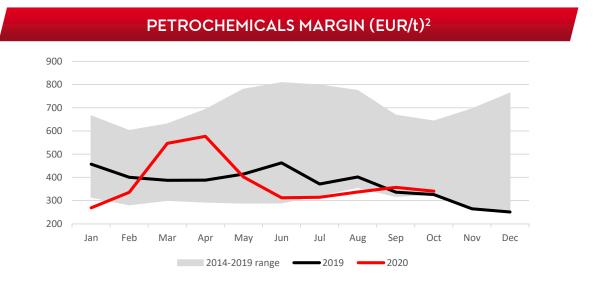
Bloomberg

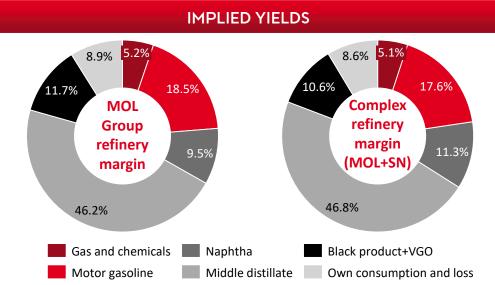
► MOL #1 in the Bloomberg ESG Disclosure Score for its sub-industry with a total of 69 points (out of 100)

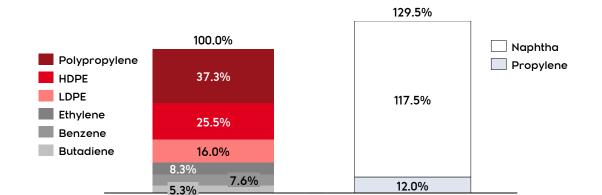


MOL GROUP REFINERY AND PETCHEM MARGINS









Output

IMPLIED YIELDS AND FEEDSTOCK

Input

⁽¹⁾ Based on weighted Solomon refinery yields, contains cost of purchased energy

⁽²⁾ From January 2016 we use MOL Group Petrochemical Margin figures instead of Integrated Petrochemical Margin









RESILIENT, INTEGRATED BUSINESS MODEL STRENGHTENED

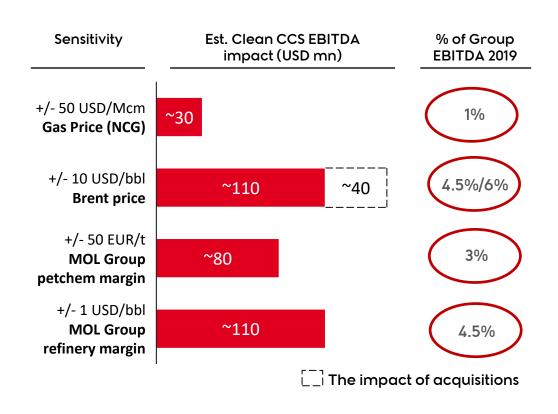
NO CHANGE IN MOL'S MID-TERM BASE MACRO FRAMEWORK AND ASSUMPTIONS

KEY MACRO ASSUMPTIONS



	2016	2017	2018	2019	2020 YTD	8Y AVG
Brent crude (USD/bbl)	44	54	71	64	40.1	76
MOL Group refinery margin (USD/bbl)	5.7	6.5	5.4	4.3	3.3	4.9
MOL Group petchem margin (EUR/t)	543	504	399	372	429	423

EBITDA SENSITIVITY TO KEY EXTERNAL DRIVERS



Notes:

⁻Sensitivity calculated for 2020; ceteric paribus for current assets assuming full re-pricing of the portfolio; all other premises and volumes remain unchanged

⁻Gas price sensitivity is the net impact of E&P sensitivity (around USD 50m) and an offsetting Downstream sensitivity; NCG: Largest German trading point for natural gas (operated by NetConnect Germany)

⁻Crude price sensitivity is the net impact of Upstream sensitivity (including all liquids sensitivity and also the oil price-linked gas production sensitivity) and an offsetting Downstream sensitivity



TOP MANAGEMENT INCENTIVE SCHEMES

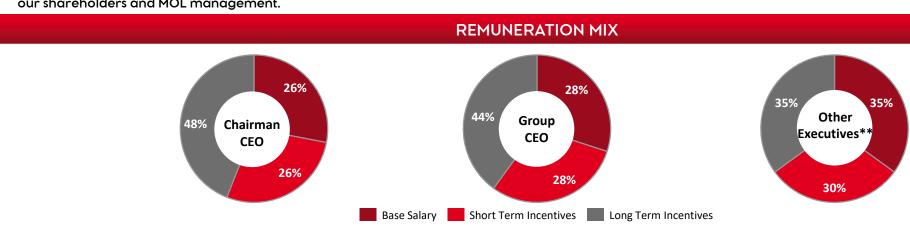
FOR EXECUTIVE MEMBERS**, AROUND 2/3 OF TOTAL REMUNERATION IS VARIABLE AND PERFORMANCE DRIVEN

SHORT-TERM INCENTIVES

- Bonus opportunity between 0.85x and 1x of annual base salary, depending on the level
- Payout linked to yearly performance based on financial, operational and individual measures, including but not limited to:
 - ▶ Group Level target: Clean CCS EBITDA*, CAPEX utilization, TRIR
 - Divisional targets: Clean CCS EBITDA, CAPEX utilization, OPEX, TRIR, non-financial targets etc.

LONG-TERM INCENTIVES

- Long-term incentive (LTI) scheme consists of two elements: Absolute share value based (previous stock option plan) and Relative market index based (previously Performance Share Plan) plans
- LTI payout is linked to long-term share price performance, both nominal and relative
- Absolute share value plan: a plan with 2-year lock-up period in which shares are granted on a past strike price. Any payout being the difference between strike price and actual spot price
- Relative index-based plan: measures MOL share price vs regional (CETOP) and industry specific indices (DJ Emerging Market Titans Oil&Gas 30 and MSCI Energy Industry Group Index) over 3 years
- ▶ Benchmark choice: MOL competes regionally (CEE) for investor flows, as well as with the global emerging market O&G sector
- Purpose: Incentivize and reward executives for providing competitive returns to shareholders relative to the regional and global O&G markets
- From 2017, target amounts and actual payout for both LTI pillars are based on physical MOL shares in order to further strengthen the alignment between the interest of our shareholders and MOL management.



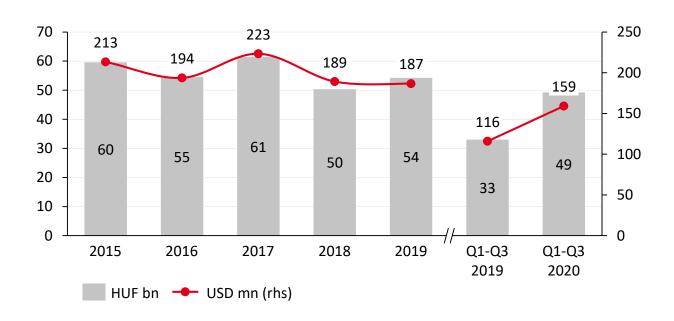


^{*2019} target for the CEO was set at USD 2.69bn. FY19 Clean CCS EBITDA for the Group reached USD 2,435mn. For 2019, the BoD set the corporate factor at 0.91 for the CEO reflecting external effects and internal impacts.

^{**} We refer to the members of the Management Committee as Executive Members. These newly formed governing bodies together with the Chief Executive Committee took over the role of the formal Executive Board from 1st February 2019.

GAS MIDSTREAM: NON-CYCLICAL CASH FLOW

GAS MIDSTREAM EBITDA (HUF BN, USD MN)



FACTS & FIGURES

- Domestic natural gas transmission system operator
- Regulated business (asset base and return) with continuous regulatory scrutiny
- ▶ Nearly 6,000km pipeline system in Hungary
- ▶ Transit to Serbia, Bosnia-Herzegovina
- Interconnectors to Croatia, Romania, Slovakia, Ukraine







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"This presentation and the associated slides and discussion contain forward-looking statements. These statements are naturally subject to uncertainty and changes in circumstances. Those forward-looking statements may include, but are not limited to, those regarding capital employed, capital expenditure, cash flows, costs, savings, debt, demand, depreciation, disposals, dividends, earnings, efficiency, gearing, growth, improvements, investments, margins, performance, prices, production, productivity, profits, reserves, returns, sales, share buy backs, special and exceptional items, strategy, synergies, tax rates, trends, value, volumes, and the effects of MOL merger and acquisition activities. These forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from those expressed or implied by these forward-looking statements. These risks, uncertainties and other factors include, but are not limited to developments in government regulations, foreign exchange rates, crude oil and gas prices, crack spreads, political stability, economic growth and the completion of ongoing transactions. Many of these factors are beyond the Company's ability to control or predict. Given these and other uncertainties, you are cautioned not to place undue reliance on any of the forward-looking statements contained herein or otherwise. The Company does not undertake any obligation to release publicly any revisions to these forward-looking statements (which speak only as of the date hereof) to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events, except as maybe required under applicable securities laws.

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