OMV SRI STORY

November 2019
Disclaimer

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OMV. The energy for a better life.

Deliver energy responsibly to improve people’s lives.

Creating long-term value for our customers and shareholders by being innovative and an employer of choice.

Conduct business in a responsible way, respecting the environment and adding value to the societies.
OMV produces and markets oil and gas, innovative energy and petrochemical solutions – in a responsible way

UPSTREAM
- Onshore and offshore exploration and production

DOWNSTREAM OIL
- Supply
- Refining
- Storage
- Transportation and distribution
- Domestic
- Filling stations and services
- Industry
- Petrochemicals

DOWNSTREAM GAS
- Pipeline
- Storage
- Pipeline
- Domestic
- Gas-fired power plants
- Filling stations and services
- Industry

OMV is ready for a changing and volatile world
- Safety is top priority
- Reduce carbon footprint
- Drive circular economy
- Operational excellence
- Strategic partnerships
Global energy needs are still present as a result of population growth and rise in living standards

World primary energy demand
New Policy scenario
Bn toe

- **Renewables**: 14.0
- **Nuclear**: 2.0
- **Coal**: 3.8
- **Oil**: 4.4
- **Gas**: 3.1

2017

- **Renewables**: 15.4
- **Nuclear**: 2.5
- **Coal**: 3.8
- **Oil**: 4.8
- **Gas**: 3.5

2025

- **Renewables**: 17.7
- **Nuclear**: 3.6
- **Coal**: 3.8
- **Oil**: 4.9
- **Gas**: 4.4

2040

*All the growth comes from developing economies, led by India*

*Continued improvements in energy efficiency, a powerful policy tool to address energy security and sustainability concerns*

Sustainable Development scenario
Bn toe

- **Renewables**: 14.0
- **Nuclear**: 2.0
- **Coal**: 3.8
- **Oil**: 4.4
- **Gas**: 3.1

2017

- **Renewables**: 14.1
- **Nuclear**: 2.5
- **Coal**: 3.0
- **Oil**: 4.3
- **Gas**: 3.5

2025

- **Renewables**: 13.7
- **Nuclear**: 2.0
- **Coal**: 1.3
- **Oil**: 3.2
- **Gas**: 3.4

2040

*Fully aligned with the Paris Agreement’s goal of holding the increase in the global average temperature to “well below 2 °C”*
Hydrocarbons play a key role in our daily lives
OMV – pioneering in climate protection

Major achievements refining

1990
First European refiner to produce low-sulphur heating oil

1993
World-first production of biodegradable lubricants

2002
Burghausen refinery produces Germany’s first sulphur-free Diesel fuel

2007
Reduced SO$_2$ and NO$_x$ emissions by half at Schwechat refinery

Major achievements towards future mobility

1997
First CNG filling station in Austria

2003
World-first filling station selling the AdBlue$^\text{®}$ additive that lowers NOx emissions from heavy-duty transport

2012
First public hydrogen filling station in Austria

2018
First high-power charging station for electric vehicles in Austria
Sustainability is embedded in our strategy and performance

- The health and safety of our employees and integrity of our facilities are crucial in terms of acceptance within society.
- OMV recognizes that climate change is one of the most important global challenges. OMV is committed to the goals of the Paris Climate Change Agreement and implements climate action measures.
- OMV strives to be an employer of choice, aims to be an attractive partner and adheres to the highest ethical standards in its business conduct.
OMV is committed to the goals of the Paris Climate Change Agreement and implements climate action measures

**SCOPE 1**

Reduce the carbon intensity of OMV’s Operations\(^1\) by

\[
\text{19\% by 2025 (vs. 2010)}
\]

- Reduce routine flaring and venting\(^3\) (e.g. Gas-to-Power facilities in Romania)
- Improve energy efficiency (e.g. waste heat recovery, more efficient turbines)
- Increase use of own-produced renewable electricity in OMV operations (e.g. Photovoltaic plant in Austria)

**SCOPE 3**

Reduce the carbon intensity of OMV’s product portfolio\(^2\) by

\[
\text{4\% by 2025 (vs. 2010)}
\]

- Increase share of gas in Upstream and gas sales in Downstream
- Shift oil products towards higher value/lower emissions products (e.g. ethylene, propylene, butadiene)
- Increase biogenic or waste-based share in products (Co-Processing, bioethanol)

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\(^1\) Carbon emissions that are produced to generate output using business-specific key figures (Upstream: \(1 \text{ CO}_2\text{eq} / \text{toe produced}\), refineries: \(1 \text{ CO}_2\text{eq} / \text{t throughput}\), electricity: \(1 \text{ CO}_2\text{eq} / \text{MWh produced}\). These are consolidated into an OMV carbon intensity index of business activities at Group level.

\(^2\) Measures the \(\text{CO}_2\) emissions through the use of OMV products that are sold to third parties, in \(1 \text{ CO}_2\) per ton oil equivalent.

\(^3\) We also endorsed the World Bank’s “Zero routine flaring by 2030” initiative to end the routine flaring of associated gas during oil production by 2030.
We conduct our business in a responsible way, respecting the environment and adding value to societies

Our strategy to contribute to the Paris climate goals and transform the company to become less carbon intensive is based on three strong pillars, which – as well – will creating long-term value for our customers and shareholders and the society.

- More gas, less oil
- More valuable products, burn less
- Innovative technology
Gas is an enabler for the energy transition to a lower-carbon energy system

**Electricity production:**
By switching from coal to gas immediate \( \text{CO}_2 \) savings of 50%.

**Transport sector:**
Gas produces **20–95% less \( \text{CO}_2 \) emissions** and almost **no particulate matter emissions**. The technology and infrastructure are available.

![Natural gas](image)
- Natural gas
- CNG
- LNG
- Synthetic gas
- Biogas
- Hydrogen

<table>
<thead>
<tr>
<th>2018</th>
<th>2030</th>
<th>2050</th>
</tr>
</thead>
</table>

**Heating and cooling:** Gas is a clean and affordable low-carbon solution.

**Storage system and pipeline infrastructure:**
Connection to the power infrastructure via **Power2Gas**

**Climate-neutral gas:** Hydrogen, pyrolysis and technologies for carbon capture and usage.

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1. 20% reduction by using CNG instead of gasoline and 90% reduction by using bio-methane instead of gasoline, on a well-to-wheels basis.
OMV’s project pipeline transforms the company to be less carbon intensive

Production split

<table>
<thead>
<tr>
<th>Year</th>
<th>Production split %</th>
<th>Gas</th>
<th>Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>46%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>57%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>~2020e</td>
<td>~57%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt;2025e</td>
<td>&gt;65%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Production start

<table>
<thead>
<tr>
<th>Asset</th>
<th>2019e</th>
<th>2020e</th>
<th>2021e</th>
<th>2025e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nawara</td>
<td>SK408, SK310-B14</td>
<td>Achimov 4A/5A</td>
<td>Neptun</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country</th>
<th>Tunisia</th>
<th>Malaysia</th>
<th>Russia</th>
<th>Romania</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Plateau production (kboe/d)</th>
<th>2019e</th>
<th>2020e</th>
<th>2021e</th>
<th>2025e</th>
</tr>
</thead>
<tbody>
<tr>
<td>~10</td>
<td>~60</td>
<td>~80</td>
<td>~70</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cumulative gas production (mn boe)</th>
<th>2019e</th>
<th>2020e</th>
<th>2021e</th>
<th>2025e</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-50</td>
<td>n.a.</td>
<td>600</td>
<td>125-250</td>
<td></td>
</tr>
</tbody>
</table>
More valuable products, burn less

Oil as a raw material: premium materials and components for important products used in everyday life (petrochemicals)

Petrochemical feedstock demand

Kb/d

<table>
<thead>
<tr>
<th>Area of application</th>
<th>Use of plastics / benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport</td>
<td>Automotive, aerospace, rail, marine, lightweight</td>
</tr>
<tr>
<td>Healthcare</td>
<td>Hearing aids, prosthesis, plastic pill capsules</td>
</tr>
<tr>
<td>Energy</td>
<td>Efficient insulation, renewable energy</td>
</tr>
<tr>
<td>Construction</td>
<td>Piping &amp; cabling, insulation</td>
</tr>
<tr>
<td>Electronics</td>
<td>Efficiency, light weight, fire safety, electrical and mechanical resistance</td>
</tr>
<tr>
<td>Packaging</td>
<td>The lightest packaging material, food conservation and preservation, convenient and innovative, safe and hygienic</td>
</tr>
</tbody>
</table>

Petrochemical feedstock demand growth expands strongly

Innovative plastic solutions are key to reduce the weight of vehicles and thus emissions.

**Volvo XC60 T8 plug-in hybrid**
Interior parts containing recycled content

- Average mid-size SUV has ~300 kg of plastics
- Decreasing the vehicle weight by 1 kg means 0.1 g/km of CO$_2$ emissions less
- Car looks almost identical to the existing model, but over 60 kilos (~20%) of its plastic parts or 170 parts were replaced with those made of recycled materials.
OMV’s roadmap to produce more valuable products

In 2018, OMV announced investments of up to EUR 1 bn until 2025.

Major refining investments completed in 2014 – 2019
- Expansion of butadiene capacity in Schwechat (2014)
- Greenfield butadiene plant in Burghausen (2015)

Planned refining investments until 2025
- Build a high purity isobutene plant in Burghausen (2020)
- Expand steam cracker in Burghausen by 0.3 mn t
- Evaluate expansion of Schwechat petrochemical capacity
- Become heavy fuel oil free in Schwechat
- Upgrade to higher value products in Petrobrazi
- Co-Processing: Process bio-oils (e.g. domestic rapeseed oils, used cooking oil, algae based oil) in Schwechat and Petrobrazi
- ReOil®: Pilot plant to convert used plastic into crude was put into operation in 2018, fully integrated into Schwechat refinery. A demo plant is scheduled for 2022. In 2025, develop a profitable, industrial-scale process with a capacity of around 200,000 t per year

2014 | 2016 | 2018 | 2020 | 2022 | 2025
Excellently positioned for IMO 2020 to capture upside

No investment required

- No refinery turnaround in 2019 and 2020
- Able to produce new grade of marine fuel oil

Balanced sour/sweet crude slate

- Advantaged Romanian and Austrian equity crude

Positioned to capture significant upside

- Middle distillate yield: 50%
- Heavy fuel oil yield: 2% (European refineries 9%)
- Diesel crack spread: +USD 10/t
- HFO crack spread: +USD 70 mn
- Upside in Upstream: 85% of produced crude is sweet

1. The figures show the values compared to the combustion of diesel or heavy fuel oil. Source: Wissenschaftlicher Dienst des deutschen Bundestages, May 2018,
2. Source: Woodmac, 84 European refineries,
3. Impact in Clean CCS Operating Result,
4. < 0.5% sulfur content
Innovative technology

Investment commitment
EUR 500 mn
for innovative energy solutions by 2025

Circular economy

Alternative feedstock
Circular Economy – Chemical Recycling closes the loop of post consumer plastic recycling

<table>
<thead>
<tr>
<th>Mechanical Recycling</th>
<th>Energy Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Re-granulation of sorted material (PET)</td>
<td>High-value segment is limited by product quality requirements</td>
</tr>
<tr>
<td>High standards of feedstock quality</td>
<td>Low value-Segment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Recycling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic crude oil</td>
</tr>
<tr>
<td>Long chain → short chain</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plastic Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reuse &amp; Repair</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ReOil® process</td>
</tr>
<tr>
<td>Long chain → short chain</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Refinery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petchem process</td>
</tr>
<tr>
<td>Synthetic crude oil</td>
</tr>
</tbody>
</table>

SRI Story, November 2019
Plastic to oil – ReOil®

- Converts used plastics under moderate pressure and normal refinery operating temperatures into synthetic crude oil.
- Synthetic crude oil can be used as refinery feedstock to produce base materials or fuels.
- Advantage of this synthetic crude oil is:
  - low content of heavy components
  - short transfer distance to refinery
- The substitution of crude oil by post-consumer plastics leads to:
  - ~45% lower CO₂ emissions
  - ~20% less energy demand per t

1 Austrian Federal Environmental Agency. 2016 – LCA well-to-refinery fence.
ReOil® – From proof of concept via pilot plant to commercial and industrial-scale

Conversion of used plastics (PE, PP, PS) \(^1\) into synthetic crude oil, further processed in Schwechat refinery

ReOil® process is patented internationally (e.g. Europe, USA, Russia, China)

Pilot plant commissioned in Q3 2018

Demonstration plant with a feedstock capacity of up to 20,000 t per year

OMV aims to develop ReOil® into a profitable, industrial-scale process

\(\sim 200,000 \text{ t/a}\)

1 kg plastics  1 liter of crude

\(^1\) Polyethylene (e.g. shampoo bottles, films, sacks), polypropylene (e.g. food packaging, food cups) and polystyrene (e.g. plastic cups)
Co-Processing – Significant contribution to reduction of carbon intensity of transportation fuels

Benefits of Co-Processing

- At least 65% **GHG savings** as compared to fossil diesel
- **Effective increase** of renewable share above the blend-wall limits
- Flexibility to utilize low-cost feedstocks without compromising product quality
- **Reduction of costs** and risks of supply by producing instead of buying
- **Improved fuel quality** – energy content and cetane number
- Utilization of **certified feedstock** that is labelled as waste or residue; no land-use issues, no competition with food production or deforestation
- **Synergies** with existing installations leading to a reduced need for investments

OMV aims to co-process ~200,000 t/a sustainable feedstocks by 2025 in Schwechat and Petrobrazi

Gasoil

Bio-oil \(^1\)

Diesel with bio content

\(^1\) Oil from rapeseed, cooking waste, and algae
With ~2,100 filling stations in 10 CEE countries, OMV drives future mobility and focuses on markets close to the 3 refineries.

### OMV Retail 2018

<table>
<thead>
<tr>
<th>Country</th>
<th>Number of filling stations</th>
<th>Number of Hydrogen filling stations</th>
<th>Number of CNG filling stations</th>
<th>Number of filling stations with e-charging points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>294</td>
<td>8</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td>Germany</td>
<td>430</td>
<td>5</td>
<td>54</td>
<td>28</td>
</tr>
<tr>
<td>Hungary</td>
<td>139</td>
<td>4</td>
<td>1</td>
<td>61</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>197</td>
<td>13</td>
<td>1</td>
<td>82</td>
</tr>
<tr>
<td>Slovakia</td>
<td>558</td>
<td>13</td>
<td>5</td>
<td>139</td>
</tr>
<tr>
<td>Romania</td>
<td>518</td>
<td>6</td>
<td>1</td>
<td>558</td>
</tr>
<tr>
<td>Slovenia</td>
<td>61</td>
<td>6</td>
<td>5</td>
<td>182</td>
</tr>
<tr>
<td>Serbia</td>
<td>118</td>
<td>11</td>
<td>294</td>
<td>118</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>93</td>
<td>6</td>
<td>430</td>
<td>139</td>
</tr>
<tr>
<td>Moldova</td>
<td>82</td>
<td>4</td>
<td>5</td>
<td>558</td>
</tr>
</tbody>
</table>

### Key Points
- OMV operates ~2,100 filling stations in 10 Central Eastern European (CEE) countries.
- The company focuses on markets close to its 3 refineries.
- Germany has the highest number of filling stations (430).
- Slovakia has the highest number of hydrogen filling stations (197).
- Austria has the highest number of CNG filling stations (558).
- Moldova has the highest number of CNG filling stations with e-charging points (430).
Future mobility – Development of passenger cars and heavy duty trucks

**Passenger cars**

Powertrain split

<table>
<thead>
<tr>
<th>Year</th>
<th>Gasoline</th>
<th>Diesel</th>
<th>BEV</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>48%</td>
<td>1%</td>
<td>47%</td>
<td>4%</td>
</tr>
<tr>
<td>2022</td>
<td>43%</td>
<td>4%</td>
<td>43%</td>
<td>4%</td>
</tr>
<tr>
<td>2025</td>
<td>38%</td>
<td>8%</td>
<td>38%</td>
<td>3%</td>
</tr>
<tr>
<td>2030</td>
<td>28%</td>
<td>20%</td>
<td>28%</td>
<td>4%</td>
</tr>
<tr>
<td>2035</td>
<td>14%</td>
<td>30%</td>
<td>14%</td>
<td>1%</td>
</tr>
</tbody>
</table>

**Heavy duty trucks**

Powertrain split

<table>
<thead>
<tr>
<th>Year</th>
<th>Gasoline</th>
<th>Diesel</th>
<th>BEV</th>
<th>LNG</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>100%</td>
<td>1%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>2022</td>
<td>100%</td>
<td>1%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>2025</td>
<td>97%</td>
<td>7%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>2030</td>
<td>85%</td>
<td>7%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>2035</td>
<td>70%</td>
<td>14%</td>
<td>0%</td>
<td>0%</td>
<td>14%</td>
</tr>
</tbody>
</table>

1 Base case – „Regulatory compliance.” General assumptions: 1) Regulation compliance 2030 as minimum requirement, afterwards shares kept flat, 2) Annual growth of km p.a.: 0.5% p.a., 3) # of registrations flat development, and 4) Technical lifetime 16 years.

2 Base case – „Regulatory compliance.” General assumptions: 1) Regulation compliance as minimum requirement, 2) Diesel engine efficiency increase: 5%, and 3) Aerodynamic improvements 5%.
OMV holds 40% of SMATRICS, Austria’s largest e-mobility provider. SMATRICS is also an enabler for e-mobility and offers a complete B2C and B2B service package.

OMV also works with IONITY – High-Power Charging. IONITY is a joint venture of BMW Group, Daimler AG, Ford Motor Company, and Volkswagen Group through Audi and Porsche.

As a pioneer in hydrogen mobility, OMV currently operates five hydrogen filling stations in Austria and is a joint venture partner of H₂ MOBILITY, whose goal is to operate a Germany-wide hydrogen filling station network by the end of 2023.
Mobility via CNG – a climate friendly alternative

Lower CO\textsubscript{2} emissions

-20% vs. Gasoline
-10% vs. Diesel

CNG vehicles emit 75% less nitrogen oxides and practically no particulate matter.

Fuel cost comparison. You will get that far with EUR 50.

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>Distance (km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasoline</td>
<td>725</td>
</tr>
<tr>
<td>Diesel</td>
<td>975</td>
</tr>
<tr>
<td>Natural gas</td>
<td>1,245</td>
</tr>
</tbody>
</table>

\(^1\) Status: July 2018, Source: erdgasautos.at
H2 Mobility – emission free into the future

**Hydrogen production**

**Conventional Hydrogen**
- Natural gas
- Steam reforming
  - $2H_2O \rightarrow CO_2 + 4H_2$

**Green Hydrogen**
- Renewable energy
- Electrolysis
  - $2H_2O \rightarrow 2H_2 + O_2$

**Facts and benefits at a glance**
- No local CO$_2$ and NOx emissions (Zero Emission Vehicle)
- Hydrogen vehicles offer long-distance electro mobility with familiar driving comfort
- Proven technology suitable for mass production
- Fueling with hydrogen is safe, efficient, odor-free and takes around four minutes – comparable to conventional car fueling
- A single, standard refueling nozzle used worldwide
- Fuel tank capacities of between 4kg and 6kg, with typical consumption of around 1kg hydrogen per 100km
- Fuel costs and range are comparable to conventional vehicles
### External recognition of Best-in-Class ESG performance

<table>
<thead>
<tr>
<th>Member of</th>
<th>Rated by</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dow Jones Sustainability Indices</strong>&lt;br&gt;In Collaboration with RobecoSAM&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt;since 2018</td>
<td><strong>&quot;Leadership A–&quot; rating in the climate change category. OMV is one of the top eleven companies in the global oil and gas sector.</strong>&lt;br&gt;since 2016</td>
</tr>
<tr>
<td><strong>SAM Sustainability Award Industry mover 2019</strong>&lt;br&gt;since 2019</td>
<td><strong>Prime Status by ISS ESG, with B-score</strong>&lt;br&gt;since 2018</td>
</tr>
<tr>
<td><strong>FTSE4Good</strong>&lt;br&gt;since 2015</td>
<td><strong>Highest Level 4 in terms of the carbon management quality</strong>&lt;br&gt;since 2019</td>
</tr>
<tr>
<td><strong>STOXX ESG Leaders Indices</strong>&lt;br&gt;since 2014</td>
<td><strong>Highest score &quot;AAA&quot;</strong>&lt;br&gt;since 2013</td>
</tr>
<tr>
<td><strong>MSCI 2018 Constituent MSCI ESG Leaders Indexes</strong>&lt;br&gt;since 2013/2017</td>
<td><strong>Score 79 (Outperformer)</strong>&lt;br&gt;since 2017</td>
</tr>
<tr>
<td><strong>S&amp;P Europe 350 ESG Index</strong>&lt;br&gt;since 2019</td>
<td><strong>Global Compact 100 Index</strong>&lt;br&gt;since 2013</td>
</tr>
<tr>
<td><strong>ECPI Sense in sustainability</strong>&lt;br&gt;since 2012</td>
<td><strong>OMV is constituent of MSCI ACWI ESG Leaders Index (since 2013) and MSCI ACWI SRI Index (since 2017)</strong></td>
</tr>
</tbody>
</table>

<sup>1</sup> OMV is constituent of MSCI ACWI ESG Leaders Index (since 2013) and MSCI ACWI SRI Index (since 2017)
OMV’s performance relative to peers

<table>
<thead>
<tr>
<th>Relative rating vs industry peers</th>
<th>top 10%</th>
<th>top 10%</th>
<th>top 5%</th>
<th>top 7%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OMV</strong> SCORE</td>
<td>70</td>
<td>AAA</td>
<td>B−</td>
<td>79 ³</td>
</tr>
<tr>
<td>Environmental</td>
<td>78</td>
<td>6.1</td>
<td>C+</td>
<td>72</td>
</tr>
<tr>
<td>Social</td>
<td>66</td>
<td>7.4</td>
<td>B− ²</td>
<td>81</td>
</tr>
<tr>
<td>Governance</td>
<td>67 ¹</td>
<td>6.3</td>
<td>B− ²</td>
<td>85</td>
</tr>
</tbody>
</table>

1. Governance is the sub-category of Economic dimension. Here Economic dimension score is presented.
2. ISS-ESG assigns a combined score of Social and Governance dimensions.
3. Time status: DJSI results as of September 2019, MSCI results as of October 2019, ISS-ESG results as of September 2019, Sustainalytics results as of August 2019.
Diversified international shareholder base

Shareholder structure

56.4%
Consortium agreement – ÖBAG & MPPH

327.3 mn shares

Free float

43.0%

31.5%
ÖBAG

3.1%
MPPH / Abu Dhabi

6.8%
Treasury shares

28.8%
Employee share program / directors' holdings

24.9%
Institutional investors

7.4%
Unidentified free float

2.1%
Retail ownership/brokerage and trading accounts

80.7%
Other

Geographical distribution of institutional investors

17.3%
of our institutional investors are dedicated SRI investors

United States: 31%
France: 22%
United Kingdom: 18%
Norway: 7%
Austria: 5%
Other Europe: 5%
Other: 11%

1 As of end-September 2019
2 With effect as of February 20, 2019, Österreichische Bundes- und Industriebeteiligungen GmbH (ÖBIB) was transformed into a joint-stock company and renamed as Österreichische Beteiligungs AG (ÖBAG).
3 Mubadala Petroleum and Petrochemicals Holding Company L.L.C. is an active and innovative investor, who deploys capital across a variety of asset classes and geographies to generate sustainable risk-adjusted financial returns for the greater benefit of the United Arab Emirates.
Shareholder ÖBAG – a valuable portfolio and a clear mission

- Created in 2019, ÖBAG is an independent holding that actively manages a diverse portfolio of companies in which the Republic of Austria holds a significant shareholding.
- ÖBAG’s Supervisory Board consists of highly experienced and independent top managers and entrepreneurs.
- ÖBAG has the legal mandate to select and propose candidates for the SB’s of its shareholdings (including members of the ÖBAG management team).
- ÖBAG sets the trend in Governance topics in Austria - current focus areas are ESG and digitalization.

Source: https://www.oebag.gv.at/
OMV has a two-tier Board structure

- Two boards with distinctive roles:
  - Executive Board (EB) responsible for managing the company and representing it vis-à-vis third parties
  - Supervisory Board responsible for monitoring and guiding the EB
- Supervisory Board elected by the General Assembly, EB appointed by the Supervisory Board
- 15 Supervisory Board members, thereof 10 shareholder and 5 employee representatives
- In 2018, there were 22 Board and Committee meetings, thereof 6 Supervisory Board meetings with an attendance of 93%
- Election of a new Chairman and 5 new members in the AGM on May 14, 2019
Experience, skills and diversity of Supervisory Board

Board Structure Analysis – OMV Benchmark Comparison, July 2019¹

<table>
<thead>
<tr>
<th>Governance System</th>
<th>OMV 2017</th>
<th>OMV 2019</th>
<th>Change</th>
<th>Peers' average⁴</th>
<th>Peer's min</th>
<th>Peer's max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Board Members</td>
<td>15</td>
<td>15</td>
<td>0</td>
<td>12</td>
<td>8</td>
<td>19</td>
</tr>
<tr>
<td>Number of non executive directors²</td>
<td>10</td>
<td>10</td>
<td>0</td>
<td>9</td>
<td>7</td>
<td>13</td>
</tr>
</tbody>
</table>

Non-executive directors

<table>
<thead>
<tr>
<th></th>
<th>OMV 2017</th>
<th>OMV 2019</th>
<th>Change</th>
<th>Peers' average⁴</th>
<th>Peer's min</th>
<th>Peer's max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average age in years</td>
<td>61</td>
<td>52</td>
<td>(9)</td>
<td>61</td>
<td>52</td>
<td>69</td>
</tr>
<tr>
<td>Average tenure in years</td>
<td>8</td>
<td>2</td>
<td>(6)</td>
<td>5.5</td>
<td>2.7</td>
<td>9.3</td>
</tr>
<tr>
<td>Female %</td>
<td>20%</td>
<td>40%</td>
<td>+20 ppts</td>
<td>33%</td>
<td>0%</td>
<td>50%</td>
</tr>
<tr>
<td>Foreign³ %</td>
<td>30%</td>
<td>20%</td>
<td>(10) ppts</td>
<td>31%</td>
<td>0%</td>
<td>63%</td>
</tr>
<tr>
<td>Independent %</td>
<td>60%</td>
<td>70%</td>
<td>+10 ppts</td>
<td>73%</td>
<td>36%</td>
<td>100%</td>
</tr>
<tr>
<td>CEO/GM experience %</td>
<td>50%</td>
<td>40%</td>
<td>(10) ppts</td>
<td>59%</td>
<td>17%</td>
<td>78%</td>
</tr>
<tr>
<td>CFO/Financial experience %</td>
<td>30%</td>
<td>70%</td>
<td>+40 ppts</td>
<td>23%</td>
<td>8%</td>
<td>40%</td>
</tr>
<tr>
<td>Energy, Industry experience %</td>
<td>50%</td>
<td>40%</td>
<td>-10 ppts</td>
<td>49%</td>
<td>22%</td>
<td>88%</td>
</tr>
</tbody>
</table>

¹ Source: Spencer Stuart  ² Without employee representatives  ³ Based on nationality ⁴ The following peers are included: BP, Total, Eni, Equinor, Lundin, Repsol, Galp Energia, MOL, Tüpras, Neste
Sustainability Governance – sustainability integrated in our governance

- Sustainability-related topics are fully integrated into the overall governance structure
- Functional experts remain in continuous communication regarding progress on the planned implementation
- Each Group function reports directly to the Executive Board
- Reporting on progress in the implementation of sustainability strategy targets
### Executive Board remuneration: short- and long-term components

<table>
<thead>
<tr>
<th>Component</th>
<th>Max. opportunity</th>
<th>Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-performance related</td>
<td>Base salary</td>
<td>Set at a competitive level</td>
</tr>
<tr>
<td>Performance related</td>
<td>LTIP</td>
<td>200% of Target LTI</td>
</tr>
<tr>
<td></td>
<td>Annual Bonus</td>
<td>150% of Target Annual Bonus¹</td>
</tr>
</tbody>
</table>

#### Performance period
- **Share payout**: optional payout in cash after fulfillment of share ownership guideline
- **(at least) 1/3 equity deferral**
- **(up to) 2/3 cash bonus**
- **End of 3-year holding period**

---

¹ Sustainability Multiplier of +/- 20% on top of target achievement but within overall payout cap

² Clawback rules are in place for both the equity deferral as well as the long term incentive plan
Clear performance criteria attached to bonus plans 2019

Key elements Long Term Incentive Plan

- Focus on long-term value generation
- **Option to reduce payout significantly through HSSE malus** (e.g. in case of fatalities, incidents with highly negative environmental impact, etc.)
- Cap of payout in cash as well as total annual payout
- Shareholding requirement as % of annual gross base salary (2018: % fulfillment)
  - CEO: 200% (2018: 77%)
  - Deputy: 175% (2018: 61%)
  - Other Board Members: 150% (Florey 2018: 31%)
- **Clawback** rules in place

Key elements Annual Bonus

- Both financial and operational performance criteria
- +/- 20% **Sustainability Multiplier at SB discretion**, main factors include:
  - Performance vs. last year
  - Reserve Replacement Rate (3yr average)
  - Extraordinary events
  - HSSE performance including fatalities, Lost Time Injury Rate and environmental impact
- **Clawback rules in place for the equity deferral part**

---

1 Applicable as of 2020
2 Free cash flow before dividends and excluding divestments and acquisitions
3 The stated shareholding requirement results from the LTIP 2016, when Mr. Pleininger still had an obligation of 150% of his gross annual salary; since his appointment as Deputy CEO, a shareholding requirement of 175% applies.
Sustainability is embedded in our strategy and performance

Health, Safety, Security and Environment
Carbon Efficiency
Innovation
Employees
Business Principles and Social Responsibility
Health, Safety, Security and Environment (HSSE)

- The health and safety of our employees and integrity of our facilities are crucial in terms of acceptance within society.
- OMV acts responsibly towards the environment.

**COMMITMENTS**
- Health, safety, security, and protection of the environment have the highest priority in all activities.
- Proactive risk management is essential for realizing OMV’s HSSE Vision of “ZERO harm – NO losses.”

**TARGETS 2025**
- Achieve zero work-related fatalities
- Stabilize Lost-Time Injury Rate at below 0.30 (per 1 million hours worked)
- Keep leading position in Process Safety Event Rate

**SUSTAINABLE DEVELOPMENT**
- SDG 3: Good health and well-being
- SDG 6: Clean water and sanitation
- SDG 8: Decent work and economic growth
Continuous improvement in safety performance to protect people and the environment

Occupational safety

Process safety

1 The scope of the Process Safety Event Rate performance is limited to events and working hours from entities in the Upstream segment: Austria, Kazakhstan, New Zealand, Norway, Pakistan, Romania, Tunisia, and Yemen; in the Downstream segment: Refining and Petrochemicals, Gas Connect Austria, Samsun CCPP.
Carbon Efficiency

OMV recognizes that climate change is one of the most important global challenges. The responsibility for a solution is in the hands of the entire community and requires global action.

OMV is committed to the goals of the Paris Climate Change Agreement and implements climate action measures.

OMV aims to cover growing energy needs in a carbon-efficient manner.

1 CO₂ equivalent emissions produced to generate a certain business output using the following business-specific metric – Upstream: t CO₂ equivalent/toe produced, refineries: t CO₂ equivalent/t throughput, power: t CO₂ equivalent/MWh produced — consolidated into an OMV Group Carbon Intensity Operations Index, based on weighted average of the business segments' carbon intensity

2 The carbon intensity of OMV’s product portfolio measures the CO₂ equivalent emissions generated by the use of OMV’s products sold to third parties in t CO₂ equivalent/toe sold.
Improving carbon efficiency

Carbon intensity indexed development

- Operations minus 14% ³
- OMV’s product portfolio minus 4%

Reduce carbon intensity

- of operations¹ by 19%
- of OMV’s product portfolio² by 4%

Zero routine flaring or venting of associated gas

Gas/oil division in upstream mn boe

<table>
<thead>
<tr>
<th>Year</th>
<th>Gas</th>
<th>Oil</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>116</td>
<td>54%</td>
<td>65%</td>
</tr>
<tr>
<td>2017</td>
<td>127</td>
<td>52%</td>
<td>48%</td>
</tr>
<tr>
<td>2018</td>
<td>156</td>
<td>43%</td>
<td>57%</td>
</tr>
<tr>
<td>2025</td>
<td>219</td>
<td>-65%</td>
<td>35%</td>
</tr>
</tbody>
</table>

Gas sales in Europe bcm

<table>
<thead>
<tr>
<th>Year</th>
<th>2010</th>
<th>2018</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas</td>
<td>12</td>
<td>10</td>
<td>&gt;20</td>
</tr>
<tr>
<td>Oil</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Petrochemical production capacities in Europe mn t

<table>
<thead>
<tr>
<th>Year</th>
<th>2010</th>
<th>2018</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.3</td>
<td>2.5</td>
<td>2.8</td>
<td></td>
</tr>
</tbody>
</table>

¹ Carbon emissions that are produced to generate output using business-specific key figures (Upstream: t CO₂eq / toe produced, refineries: t CO₂eq / t throughput, electricity: t CO₂eq / MWh produced). These are consolidated into an OMV carbon intensity index of business activities at Group level.

² Measures the CO₂ emissions through the use of OMV products that are sold to third parties, in t CO₂ per ton oil equivalent.

³ Figure was corrected on May 24, from 12% (Sustainability Report 2018) to 14% due to a correction in Refining Burghausen.
Research and development, and use of innovative solutions are important elements in guaranteeing long-term value creation for OMV, society and the environment, as well as in ensuring our competitiveness.

OMV’s innovation efforts focus on optimizing production, exploring high-end petrochemical solutions, developing innovative energy solutions, and embracing digital technologies.

Innovation is supported by investment and partnerships in research and development.

**COMMITMENTS**

- Develop ReOil® into a commercially viable, industrial-scale process (unit size of ~200,000 t per year)
- Raise the share of sustainable feedstock co-processed in the refineries to ~200,000 t per year by 2025
- Increase the recovery factor in the CEE region in selected fields by 5-15 percentage points by 2025 through innovative Enhanced Oil Recovery methods

**TARGETS 2025**

**SUSTAINABLE DEVELOPMENT**

- SDG 7 Affordable and clean energy
- SDG 8 Decent work and economic growth
- SDG 9 Industry, innovation, and infrastructure
- SDG 12 Responsible consumption and production
- SDG 13 Climate action
Innovative projects aimed at reducing our carbon footprint and ensuring eco-efficient resource use

**ReOil® process**
- Synthetic crude oil
- ReOil® process
- Plastics

**Co-Processing**
- Gasoil
- Bio-oil

**Innovative Enhanced Oil Recovery methods**
- Diesel with bio content

OMV aims at developing ReOil® to an industrial scale process (unit size ~200,000 t/a) with commercially viable economics.

OMV aims to increase the share of sustainable feedstock co-processed in the refineries to around 200,000 t/a by 2025.

Increase the recovery factor in the CEE region in selected fields by 5-15 percentage points by 2025 through innovative Enhanced Oil Recovery methods.

¹ Oil from rapeseed, cooking waste, and algae
OMV aims to create an environment where all employees can learn, grow, connect and work together, and are able to strike the right work-life balance.

OMV strives to be an employer of choice.

**COMMITMENTS**
- OMV is committed to building and retaining a talented expert team for international and integrated growth.
- OMV is committed to its diversity strategy with a focus on gender equality and internationality.

**TARGETS 2025**
- Increase share of women at management level\(^1\) to 25% by 2025
- Keep high share of executives with international experience\(^2\) at 75%

**SUSTAINABLE DEVELOPMENT**
- SDG 5: Gender equality
- SDG 10: Reduced inequalities

\(^1\) Management level: executives and advanced career level  \(^2\) Equal to or greater than three years of living and working abroad
Enabling people and promoting diversity

Proportion of women at management level

- Increase the share of women at management level to 25% by 2025
- Keep high share of Executives with international experience at 75%

- 2017: 18%
- 2018: 19%
- Target 2025: 25%
Business principles and social responsibility

OMV aims to be an attractive partner and adheres to the highest ethical standards in its business conduct.

OMV relies on transparency and trust in its relations with internal and external stakeholders in order to ensure acceptance within society.

COMMITMENTS
- OMV strives to uphold equally high ethical standards at all locations.
- OMV is a signatory to the United Nations (UN) Global Compact, is fully committed to the UN Guiding Principles on Business and Human Rights, and aims to contribute to the UN’s 2030 Agenda for Sustainable Development.

TARGETS 2025
- Promote awareness of ethical values and principles: conduct in-person or online business ethics trainings for all employees
- Assess Community Grievance Mechanisms of all sites against UN Effectiveness Criteria¹ by 2025
- Conduct human rights trainings for all employees exposed to human rights risks² by 2025
- Increase the number of supplier audits covering sustainability elements to >20 per year by 2025

SUSTAINABLE DEVELOPMENT

ôm 4 Quality education
- SDG 8 Decent work and economic growth
- SDG 10 Reduced inequalities
- SDG 16 Peace, justice, and strong institutions

¹ Legitimate, accessible, predictable, equitable, transparent, rights-compatible, a source of continuous learning, based on engagement and dialogue
² 1,059 employees in corporate functions managing human rights risks and in the corresponding functions in countries with elevated human rights risks
Sustainable development and value creation in line with the SDGs

The SDGs provide a universal language that helps us communicate in terms of our role in contributing towards sustainable development for society and the environment.

OMV’s Sustainability Strategy and goals are aligned towards the SDGs.
The energy for a better life.