OMV has been producing oil and gas in Austria for more than 60 years in a profitable and sustainable way

OMV historic production

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1949</td>
<td>Discovery of oil field Matzen</td>
</tr>
<tr>
<td>1955</td>
<td>Record production 81 kboe/d</td>
</tr>
<tr>
<td>1956</td>
<td>Renationalization, foundation of ÖMV Österreichische Mineralölverwaltung</td>
</tr>
<tr>
<td>1966</td>
<td>Discovery of gas field Schönkirchen</td>
</tr>
<tr>
<td>1974</td>
<td>Development of Europe’s first underground gas storage</td>
</tr>
<tr>
<td>1982</td>
<td>Discovery of gas field Höflein</td>
</tr>
<tr>
<td>1996</td>
<td>Redevelopment of oil field Matzen</td>
</tr>
<tr>
<td>2003</td>
<td>Largest oil discovery in Austria in 25 years in the Vienna basin (4.5 mn boe resources)</td>
</tr>
<tr>
<td>2008</td>
<td>Discovery of gas field Ebenthal</td>
</tr>
<tr>
<td>2010</td>
<td>Highest production since 1980 (42 kboe/d)</td>
</tr>
<tr>
<td>2018</td>
<td>Big seismic campaign in OMV history</td>
</tr>
<tr>
<td>2018</td>
<td>New discovery of oil Vienna basin</td>
</tr>
</tbody>
</table>

OMV Austria Upstream Visit, October 11, 2018
Our production takes place in Austria’s largest wine growing region using highest environmental standards.
OMV Austria Upstream activities today

**Assets**
- 100% owned and operated by OMV
- ~1,000 active wells
- Very cost competitive in mature fields
- Best-in-class oil recovery rates
  - Average Austria ~40%
  - Selected fields > 60%
- Reliable and modern infrastructure e.g.
  - Over 80% automated wells
  - Digital well and pipeline control
  - Fully automated and remotely controlled gas storages and processing plants
  - State-of-the-art water treatment facility
- Fully integrated with Downstream Oil and Gas operations via pipeline

**Reserves and production**
- 2017 production of 28 kboe/d (10 mn boe)
  - 45% oil and condensate
  - 55% natural gas
- 1P reserves of 75 mn boe as of December 31, 2017
- Reserve life of ~9 years

**Center of technological excellence**
- for all countries in OMV Upstream
- Stable and material cash generation
HSSE in OMV Upstream – Safety is our top priority and our mandate to operate

Personnel safety record in OMV Upstream
Lost-Time Injury Rate per mn hours worked

<table>
<thead>
<tr>
<th>Year</th>
<th>OMV Upstream LTIR</th>
<th>IOGP benchmark</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>0.66</td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>0.29</td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>0.33</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>0.28</td>
<td></td>
</tr>
</tbody>
</table>

OMV Group process safety events
Tier 1

<table>
<thead>
<tr>
<th>Year</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>9</td>
</tr>
<tr>
<td>2015</td>
<td>2</td>
</tr>
<tr>
<td>2016</td>
<td>9</td>
</tr>
<tr>
<td>2017</td>
<td>4</td>
</tr>
</tbody>
</table>

1 International Association of Oil and Gas Producers
The journey of oil: from reservoir to Schwechat refinery

Oil well

640 wells
Raw crude produced from individual production wells is diverted to pipelines and transported to gathering stations

Gathering station

34 stations
The individual well streams are brought into the main production facilities through a network of gathering pipelines

Metering station

29 stations
Measure the actual flow of oil and gas

Processing plant

4 plants
Separate natural gas and water from crude oil

Water treatment plant

1 plant
Remove oil and solids from the water
The treated water is further used for “water flooding” of production wells, maintaining reservoir pressure and increasing oil recovery volumes
The journey of gas: from reservoir to customer

- **Gas well**
- **Sour gas well**
- **Gas plant**
  - 2 plants
  - Clean raw natural gas to meet the quality standards of dry natural gas
- **Desulphurization plant**
  - 1 plant
  - Removing sulphur and CO₂
- **Compressor station**
  - 11 stations
  - Dehydration & compression

Removing sulphur and CO₂
Storing gas in depleted reservoirs is one of the most efficient, eco-friendly and safe ways

Two natural underground gas storage facilities, with a capacity of ~2.2 bn m³ (~ 25% of yearly Austrian gas consumption)

Gas is fed into the reservoirs and withdrawn from them via wells when needed

Used to balance seasonal consumption swings
OMV Upstream Austria strategy: maximize profitable recovery and sustain value generation

Operational excellence
- Efficient workover and asset maintenance
- Infill drilling and selected field re-developments
- Deep and horizontal drilling in complex geology
- Continuous reservoir management and production optimization
- Strict cost management
- Further automation of the production facilities

Maximize recovery factors
- From mature fields through enhanced oil recovery methods

Further exploration opportunities
- Further resources potential through enhanced oil recovery
- Ongoing exploration wells (3 in 2018 and 1 in 2019)
- Ongoing large 3D seismic campaign, surveying 1,600 km²
The exploration of the Vienna mature basin has given OMV special technological expertise in high recovery rates

**Primary Recovery**
- Natural reservoir pressure, pumps

**Secondary Recovery**
- e.g. Water flooding

**Tertiary Recovery**
- e.g. Steam injection, Polymer flooding

**Average share of oil/water:**

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<tr>
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<tbody>
<tr>
<td>Rock</td>
<td>Oil</td>
</tr>
<tr>
<td></td>
<td>Water</td>
</tr>
<tr>
<td></td>
<td>Water + additives</td>
</tr>
</tbody>
</table>

**Pore space:** 0.001 - 0.1 mm

**Natural reservoir pressure or pumps bring the crude to surface (declining over time)**

**Increasing reservoir pressure by injection of water or gas (IOR)**

**Improving liquids viscosity (EOR)**

**Typical ultimate recovery rate:**

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<tbody>
<tr>
<td></td>
<td>20 – 25%</td>
<td>25 – 40%</td>
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</tbody>
</table>

**OMV Austria oil recovery rates of ~40% on average and >60% in selected fields**
24 million boe of oil recovered through enhanced recovery methods in last 10 years

Austrian oil production

Stable and cost competitive production costs

1 Disclosure according to US GAAP in OMV Annual Report
Ongoing seismic campaign in Austria: searching for remaining gas resources

- Biggest land seismic ever acquired in Europe
- Acquisition area: 1,600 km², mostly in densely populated area around Vienna
- Deep target: 3,000 - 6,000m
- Potential gas reserves of up to 100 mn boe
- OMV is deploying cable-less seismic equipment together with high efficient source technology (4 vibrator fleets with each 3 vehicles, 700,000 geophones simultaneously operating) making these operations very fast and extremely cost efficient
- 600 km² area was successfully finished end of March 2018 with no HSSE incidents and a very good acceptance by the public
Today’s visit

Matzen field

- Largest oil field in Central Europe
- > 50 years of profitable production
- Depth: 1,200 to 1,650 m
- ~ 8,500 boe/d
- “Open-air lab” for OMV’s pilot testing

Prottes 225 well

- Drilling rig in place
- Reservoir depth: ~1,400 m
- Horizont - 8 TH (Matzen)
- Injection well for viscous salt water

Water treatment plant

- Essential for operations in mature fields
- 93% of production is water
- Water cleaned from 300 to 2 ppm oil
- Collecting the average production of an oil well (~ 54 b/d)
- Plant availability: 99.9%
The energy for a better life.