Energy Supply from Austria

► Austria as a base for worldwide growth
► Center for worldwide research and development activities

OMV, the international, integrated oil and gas company, produced around 427,000 boe (barrels of oil equivalent) per day in 2018. Exploration and production activities in Austria make a considerable contribution: OMV produced more than 26,000 boe per day in 2018 in Austria over an area of more than 3,800 km², which covers roughly 10 percent of the domestic oil and gas demand.

OMV has been active in the Weinviertel region for more than 60 years, maintaining a positive relationship with the residents, the communities, and farmers. Currently OMV has about 610 employees in Austrian exploration and production, making it one of the largest employers in the region. The production comes from around 640 oil wells and roughly 110 natural gas wells as well as about 90 water injection wells and 135 storage wells from approximately 50 active production fields, all of which are operated by OMV.

Johann Pleininger, Deputy Chairman of the Executive Board, Executive Board member Upstream

“Austria is an important cornerstone of our international oil and gas production and makes an important contribution to further securing the energy supply in Austria.”

State-of-the-art Technology

OMV is one of the best operators of mature fields in the world with the highest recovery rates and produces 20 to 60 percent of the available oil depending on the reservoir and up to 90 percent from gas reservoirs. These outstanding figures are achieved through state-of-the-art technologies like water management, directional drilling technology, and optimization of production pump runlife.

The water treatment process using parallel plate separators, pressure relief flotation, and nutshell filters at our water treatment plant in Schönnichen achieves the best possible degree of purification — an innovation for the environment. Through directional and horizontal drilling technology, several separate reservoirs are intersected at the same time with one single well. Accessing reservoirs horizontally can greatly increase production. The operation time of OMV’s production pumps reaches peak values of more than four years without downtime.

Austria as Technology Center for OMV Group

Austria is the global energy center for the entire company and, therefore, the base of its worldwide success. The test site (open air lab) is on the doorstep in Gänserndorf, specifically focused on the further development of technological innovations. Many scientific theories are developed and studies conducted here, such as new concepts for reservoir models or provisions to maintain pressure. In developing the Vienna Basin, OMV was able to acquire technological expertise on producing above average volumes from mature fields.
Furthermore, OMV was able to gain important insight into ecologically sustainable exploration and production in Austria. Technologies that OMV successfully implements in Austria are used in several projects within the OMV Group, perfected around the world, and attract great interest from international partners in the oil and gas industry.

High Gas Storage Capacities for Supply Security

In addition to exploration and production, OMV operates two underground gas storages in six former gas reservoirs that are located at depths of 500m to 1,200m and 135 gas storage wells. The total storage capacity is 2.2 bcm of natural gas, which equates to ca. a quarter of Austria's annual gas consumption.

OMV Austria's Milestones

1934 Gösting 2 – the first commercial oil discovery.

1949 Development of the largest onshore oil field in Central Europe through the "Matzen Discovery Well", whose oil and gas resources are estimated at 2 bn boe.

1956 Founding of OMV

1959 Discovery of sourgas in "Aderklaa Tief" from 2,640m.

1965 Drilling of first deep well in the Kalkalpen region.

1968 First natural gas import agreement signed between Austria and the UdSSR.

1970 Development of sourgas field.

1974 Development of first Europe-wide underground gas storage area.

1982 – 1984 Discovery of deepest oil deposits to date in the Vienna Basin at over 6,500 m through the Maustrenk well.

1993 – 2007 Re-measurement of around 1,300 km2 using 3D seismic technology. Measurement campaigns: e.g. 3D Höflein Süd, Matzen, Hohenau and Marchfeld. These measurements and reinterpretations of the subsurface are the basis for several successful well projects in exploration and field development (Exploration: discovery of Erdpress, Ebenthal, Strasshof, Mühlberg Süd fields. Field development: Matzen, Hochleiten, Pirawarth).

1996 Resumption of activities in Matzen field, one of the largest fields in Austria. Exploration is intensified at deeper horizons to over 4,000 m deep.

2003 Largest oil discovery in Austria in 25 years in the Vienna Basin. With the exploration well (Erdpress 1) in Lower Austria’s Weinviertel region, OMV discovers an estimated 4.5 mn boe of oil and gas resources. This equals around one third of Austrian annual production for the company.

2005 New discovery of significant gas deposits in Vienna Basin (Eenthal T1 well). The potential reserves of around 1.5 bcm equal about one fifth of the annual Austrian gas consumption.

2008 Production of 100 mn tons of OMV oil in Austria. Gas production from the Ebenthal field in Vienna Basin starts.

2010 Highest production level for OMV Austria since 1980 with 15.4 mn boe annually (around 42,100 boe/day) and this after over 60 years of production.

2011 Opening of new tank farm in Auersthal and the new production site Matzen.


2018 Start of the largest onshore seismic campaign of OMV in Austria: 3D Seismic Schönkirchen. Beginning of the construction of the Innovation & Technology Center.

Contact
OMV Austria Exploration & Production GmbH
Prottesser Straße 40
2230 Gänserndorf, Austria
Tel.: +43 1 40440-0
E-Mail: info.ep@omv.com
Web: www.omv.com
Social: www.omv.com/socialmedia

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