

# THE WORLD OF WINTERSHALL

## IN FIGURES – THE YEAR 2016



Shaping the future.

**3** **times** longer than originally planned, we have been producing crude oil in Emlichheim for decades. By using the steam flooding technique, we have been producing at the plateau level here for over 60 years.

**4** **years** ago in 2013, the Bergpark Wilhelmshöhe – which is just a stone's throw from the Wintershall headquarters – was included on the prized UNESCO list, so that the colleagues in Kassel now enjoy a splendid view of what has become a World Cultural Heritage Site.

**9** **wells** drilled by Wintershall discovered oil and gas in 2016. Almost 65% of the wells drilled by Wintershall were therefore successful.

**10** **years** is the length of time that Wintershall's reserves would last. This is how long the company can maintain the current production level even if no new reservoirs were found from now.



**20** **More than 20 offshore platforms** are operated by Wintershall in the southern North Sea. These are monitored from Den Helder using a modern radio-controlled system.



**32** **kilometers** is the length of the oil-themed cycle path in Emlichheim. It takes cyclists past various crude oil production facilities along the German-Dutch border.

**45** **percent** of wind turbines are made from crude oil or petrochemical products.

**50** **percent** of the world's oil and gas reserves are located in the Middle East. In 2016, Wintershall spudded the second exploration well here in the Shuwaihat sour gas and condensate field in Abu Dhabi.



**60** **liters** of crude oil go into the making of a couch.

**97** **square kilometers** is the size of the Aguada Federal Block in the province of Neuquén in Argentina. Wintershall holds a 90% share in this block and is the operator. Aguada Federal is therefore almost as large as the City of Kassel, which extends over 106.8 square kilometers.

**113** **wells** are planned to increase the production of the German-Russian Achimgaz joint venture to eight billion cubic meters of natural gas per year.

**120** **licenses** in the North Sea are being explored for new oil and gas reserves by Wintershall. The company has acquired the exploration rights during the last six years.



A subsidiary of



We create chemistry

# 165



**meters:** That is the length of the three legs supporting the ENSCO 121 drilling platform. It is one of the most modern offshore rigs worldwide. It will be deployed by Wintershall Noordzee in the southern North Sea for up to twelve wells.

# 828



**meters** is the height of Burj Khalifa, the tallest building in the world. This equals almost three times the sea depth in which the installations for the subsea Maria field have been constructed in the Norwegian Sea in summer 2016.

# 36,000

The Vaca Muerta formation in Neuquén province in Argentina is more than 36,000 **square kilometers** in size.

# 40,000

**products** from the chemicals industry depend on crude oil. Crude oil is used as a base material for plastic used, for example, in iPads, lunchboxes and CDs.



# 80,000

**barrels** of oil equivalent is the daily production volume by Wintershall in Norway. Following the Knarr and Edvard Grieg production fields, Ivar Aasen is already the third field that we have successfully transferred into production within the last two years. This has enabled us to increase our daily production of oil in Norway to more than 80,000 boe.

# 120,000,000

**nods** have been made by the horsehead pump at the Düste 7 well to date. In 1952 this became the first well to produce oil at the Aldorf 1 oil field, and it is still producing oil today.



# 165,000,000

**barrels** of oil equivalent (boe) were produced by Wintershall in 2016. That's over 26 billion liters.

# 25,000,000,000



**cubic meters** of natural gas are produced a year in the Yuzhno Russkoye field. The cube that you could fill with this amount would measure almost three kilometers along the edge. Wintershall has a 35% share in the project.