BMW GROUP THE NEXT 100 YEARS

Corporate Communications

Media Information
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Fully charged, two years ahead of schedule: BMW Group steps up the pace of e-mobility expansion

- Two years early: 25 electrified models in 2023
- Steep growth curve: sales of electrified vehicles to climb more than 30 percent per year up to 2025
- Sales of electrified vehicles set to more than double between 2019 and 2021
- World premieres at #NEXTGen: BMW Vision M NEXT and BMW Motorrad Vision DC Roadster showcase next-generation e-mobility
- BMW eDrive Zones function fitted as standard in BMW plug-in hybrids from 2020
- Krüger: "Moving sustainable mobility up a gear"

Munich. Fully charged as it accelerates along its Future Highway 2025, the BMW Group is adjusting frequency to up the tempo of its electromobility expansion programme. The company will now achieve the total of 25 electrified models previously announced for 2025 **two years earlier**, in 2023. Thanks to flexible vehicle architectures for fully-electric, plug-in hybrid and combustion engine drive trains, the company is able to respond quickly to changing conditions. More than half of the 25 models will be fully electric.

"We are moving up a gear in the transformation towards sustainable mobility, thereby making our company fit for the future: Over the past two years, we have consistently taken numerous decisions that we are now bringing to the roads. By 2021, we will have doubled our sales of electrified vehicles compared with 2019," said **Harald Krüger**, Chairman of the Board of Management of BMW AG, in Munich on Tuesday. "We will offer 25 electrified vehicles already in 2023 – two years earlier than originally planned. We expect to see a steep growth curve towards 2025: Sales of our electrified vehicles should increase by an average of 30 percent every year."

As part of the new **#NEXTGen** communications format, the BMW Group is showcasing the next generation of mobility and next steps it's taking in that

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direction. The **BMW Vision M NEXT** provides a glimpse of the dynamic future of the BMW brand in the form of a striking electrified sportscar. The BMW Vision M NEXT is clearly focused on the person driving the vehicle, with intelligent technology to transform them into the ultimate driver. The **BMW Motorrad Vision DC Roadster** previews the future of BMW Motorrad with alternative drive forms. This highly emotional motorcycle preserves the identity and iconic BMW Motorrad appearance, but also offers a new form of driving fun.

“Our vision is clear: sustainable mobility, produced in a sustainable manner. We have set ourselves the goal of only buying electricity from renewable energy sources for all our locations worldwide from 2020,” said **Krüger**. “We fulfil our social responsibility – in all its different facets. We are firmly committed to emission-free driving. At the same time, we stand by our corporate responsibility towards our employees, shareholders and investors.”

The BMW Group: a pioneer in electromobility

As an e-mobility pioneer, the BMW Group is already a leading supplier of electrified vehicles. By the end of 2019, the company aims to have more than half a million vehicles with fully-electric or plug-in hybrid drive trains on the roads. Within two years, the company will offer five fully-electric series-production vehicles: Alongside the **BMW i3***, with more than 150,000 units built to date, this year will see the start of production of the **fully-electric MINI** at Plant Oxford (UK). This will be followed in 2020 by the **fully-electric BMW iX3** from Shenyang (China) and, in 2021, by the **BMW iNEXT**, which will be produced in Dingolfing (Germany), and the **BMW i4** from Plant Munich (Germany).

Including its extensive fleet of plug-in hybrids, the BMW Group has the widest range of electrified vehicles on the market. Updated, extended electric-range plug-in-hybrid versions of the BMW 3 Series*, BMW 7 Series* and BMW X5* were presented alongside the new BMW X3 plug-in hybrid* at this year’s

Geneva Motor Show. A few weeks later, the updated plug-in hybrid variant of the BMW X1 Long Wheelbase Version*, which is produced locally for the Chinese market, was shown at the Shanghai Auto Show. Later this summer, plug-in hybrid versions of the BMW 5 Series* and BMW 2 Series Active Tourer* with next-generation technology and longer electric range will also be released. These will be followed next year by the BMW X1 and the BMW 3 Series Touring as plug-in hybrid models. This diversity of electrified drive concepts underlines the importance of technology openness on the road to sustainable mobility.

The BMW Group has always promoted emission-free mobility and advocated for its effective support. However, the demands of future mobility will be multifaceted. There will not be just one single solution that meets the mobility needs of all customers around the world. People living in rural areas, for instance, need different technological solutions for mobility than those in cities.

BMW eDrive Zones standard in plug-in hybrids from 2020

The effective role plug-in hybrids can play in achieving emission-free mobility in cities is demonstrated by the **BMW eDrive Zones** function, which will be standard in BMW plug-in hybrids from 2020: In cities that establish “green zones” solely for emission-free driving, geofencing technology will be able to recognise these automatically. When the vehicle enters one of these zones, it will automatically switch to pure electric driving mode. In this way, BMW is paving the way for plug-in hybrids to receive the same access rights to green zones as fully-electric vehicles, since they behave the same in these areas.

This new type of operating strategy **significantly boosts** the potential of plug-in hybrid vehicles to reduce emissions. Increasing the use of electric driving not only optimises efficiency, but also helps reduce operating costs for customers – especially in city traffic. After the idea was born, the first real-life test for the BMW eDrive Zones function is the BMW Group’s “Electric City Drive” pilot

project, in conjunction with the **City of Rotterdam** and the local Erasmus University.

New #NEXTGen communications format

With the "BMW Group #NEXTGen" format, the company is taking a new approach to presenting its future technologies, services and products. The BMW Group invited international journalists, analysts and other stakeholders to the BMW Welt in Munich to experience six world premieres and two highly emotional vision vehicles. The programme will be rounded off with a Global Influencer Day on 26 June.

In this way, the company is building on its existing global commitment to international auto shows and tech and future fairs with a regular independent format for individual mobility "made by the BMW Group". In addition to world premieres of new models, a particular focus will be on experiencing the latest technological developments from all D+ACES areas of the company: Design, Autonomous Driving, Connectivity, Electrification, Services.

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The BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.

In 2018, the BMW Group sold over 2,490,000 passenger vehicles and more than 165,000 motorcycles worldwide. The profit before tax in the financial year 2018 was € 9.815 billion on revenues amounting to € 97.480 billion. As of 31 December 2018, the BMW Group had a workforce of 134,682 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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***: Consumption and emission data:**

BMW i3 (120 Ah)**:** power consumption combined 13.1 kWh/100 km; CO2 emissions combined 0 g/km
BMW i3s (120 Ah)**:** power consumption combined 14.6-14.0 kWh/100 km; CO2 emissions combined 0 g/km
BMW 330e Sedan: fuel consumption combined: 1.9-1.6 l/100 km; power consumption combined: 15.4-14.8 kWh/100 km; CO2 emissions combined: 43-37 g/km
BMW 745e Sedan: fuel consumption combined: 2.3-2.1 l/100 km; power consumption combined: 15.6-15.1 kWh/100 km, CO2 emissions combined: 52-48 g/km
BMW X5 xDrive45e: fuel consumption combined: 2.1 l/100 km; power consumption combined: 23.0 kWh/100 km; CO2 emissions combined: 49 g/km (provisional figures)
BMW X3 xDrive30e: fuel consumption combined: from 2.4 l/100 km; power consumption combined: from 22.7 kWh/100 km, CO2 emissions combined: from 56 g/km (provisional figures)
BMW X1 xDrive25Le: fuel consumption combined: 1.3 l/100 km; power consumption combined: 15.6 kWh/100 km, CO2 emissions combined: 31 g/km
BMW 530e iPerformance Sedan: fuel consumption combined: 1.8-1.6 l/100 km; power consumption combined: 14.5-13.6 kWh/100 km, CO2 emissions combined: 41-36 g/km
BMW 225xe iPerformance Active Tourer: fuel consumption combined: 2.5-2.3 l/100 km; power consumption combined: 13.7-13.4 kWh/100 km; CO2 emissions combined: 57-52 g/km

The figures for fuel consumption, CO_2 emissions and power consumption are calculated based on the measurement methods stipulated in the current version of Regulation (EU) 2007/715. This information is based on a vehicle with basic equipment in Germany;

ranges take into account differences in wheel and tyre size selected as well as optional equipment.

Power consumption, emissions figures and ranges have been calculated based on the new WLTP test cycle and adapted to NEDC for comparison purposes, dependent on the tyre format selected. In these vehicles, different figures than those published here may apply for the assessment of taxes and other vehicle-related duties which are (also) based on CO_2-emissions. These figures are provisional.

For further details of the official fuel consumption figures and official specific CO_2 emissions of new cars, please refer to the "Manual on fuel consumption, CO_2 emissions and power consumption of new cars", available at sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at http://www.dat.de/angebote/verlagsprodukte/leitfaden-kraftstoffverbrauch.html.