BMW GROUP
Corporate Communications

Media Information
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Series production of BMW iX* gets underway at Plant Dingolfing

Highest standards of flexibility: All drive train variants on one line +++ Successful transformation of BMW Group plants towards e-mobility and digitalisation +++ Half of Dingolfing's production volume will be electrified by mid-decade +++ Nedeljković: “setting ourselves ambitious goals for the most sustainable production”

Dingolfing. Standard production of the fully-electric BMW iX* began today in Dingolfing. The plant in Lower Bavaria now produces vehicles with all drive train variants, i.e. combustion-engine vehicles, plug-in hybrids and fully-electric models, on a single line. Milan Nedeljković, member of the Board of Management of BMW AG, responsible for Production: “The launch of the BMW iX* marks another milestone in our expansion of electrification and demonstrates our production network's successful transformation towards electromobility and digitalisation.”

The BMW iX* is being manufactured at the BMW Group’s largest European production plant on an assembly line with the flexibility to build a mix of BMW 5 Series, 7 Series and 8 Series models. To handle this flexibility and variety of drive trains, vehicle assembly in Dingolfing has been expanded and refurbished. The BMW Group has invested a total of more than 400 million euros in producing the BMW iX* at the Dingolfing vehicle plant. Many of the remodelling and structural measures required for the BMW iX* are already benefiting future generations of the BMW 7 Series and 5 Series that will come off the production line in Dingolfing in the coming years. Fully-electric variants have also been announced for both model ranges.

Half of production volume already electrified by mid-decade

With the BMW iX* and other PHEV models at Plant Dingolfing alone, the BMW Group plans to double the percentage of electrified vehicles produced this year compared to 2020. By the middle of the decade, half the vehicles produced in Dingolfing will be electrified. The new model will play an important part in this. “The BMW iX* will already be one of the highest-volume model at the location by next

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year," according to Nedeljković. The BMW iX* will be followed in the autumn by the BMW i4*, which will be built in Munich. At the end of next year, all German plants will be producing at least one fully-electric vehicle.

Broad know-how: Vehicle and e-drive production on site

Production of the BMW iX* in Dingolfing benefits from broad know-how and expertise in the technologies located at the site. Close interaction between these different areas enables a high level of in-house activity and short lines of communication, as well as ensuring optimum production technology overall. The fully-electric heart of the BMW iX* – the highly integrated e-drive and fifth-generation battery, as well as the complete electric axle are produced on site, together with the Dingolfing component plants. Production capacity will be systematically expanded and, from 2022, Dingolfing will be able to produce e-drives for more than half a million electrified vehicles.

BMW iX* as trailblazer

The BMW iX* introduces a multitude of innovations to the product and production processes at the plant – especially in the vehicle's electrical system architecture, software, digital services, connectivity and automated driving functions. As a result, the vehicle plays an important role as a trailblazer and is making Dingolfing "e-car" and "smart-car ready" as the BMW Group's primary plant for the luxury class.

The BMW iX* is also an important trailblazer in production, bringing future technologies into the production system – such as digital methods for employee training, automation of logistics processes, virtual commissioning and validation of driver assistance systems.

Christoph Schröder, head of BMW Group Plant Dingolfing: "As the primary plant for the luxury class, our location produces the BMW Group's technology flagship. It is once again proving itself as a pioneer for the mobility of tomorrow and as the industry leader in key future areas of automotive activity, such as electrification,

digitalisation and sustainability. In this way, the BMW iX* is continuing the successful transformation of the BMW Group location in Dingolfing that began long ago."

Special focus on sustainability

The topic of sustainability is firmly anchored throughout the company. A particular focus is on improving our carbon footprint – especially in production of electric vehicles. Independent auditors have confirmed that the greenhouse gas potential of the BMW iX xDrive40* is around 45 percent lower than that of a comparable Sports Activity Vehicle with an internal combustion engine. "We are already the sustainability benchmark for our industry. But we will continue to invest in resource-saving technologies and set ourselves ambitious goals for the most sustainable production," underlined head of Production Milan Nedeljković. The BMW Group takes a holistic approach to reducing CO_2 emissions and minimising resource consumption that covers the entire value chain, including production as well as the supply chain and use phase.

The BMW Group has already succeeded in lowering resource consumption per vehicle produced by more than half between 2006 and 2020. CO_2 emissions have been reduced even more significantly – by as much as 78 percent. The aim is to reduce CO_2 emissions per vehicle produced by another 80 percent by 2030. "To achieve this, we have made some changes at Plant Dingolfing and implemented a series of new measures," says plant director Christoph Schröder. For example, the BMW iX* is produced exclusively using regional and directly sourced green power from two hydroelectric power plants located on the Isar and Lech rivers. The entire plant, like all BMW Group locations, will also be net carbon neutral from this year, through the use of corresponding offsets and certificates.

Other aspects of sustainability range from energy-efficient installations to packaging planning, through transport logistics and recycling, up to and including topics such as biodiversity and water management. Plant Dingolfing is therefore

able to achieve a recycling rate of more than 90 percent and an even higher recoverability rate of over 99 percent. The plant's own wells meet over 40 percent of its water needs, thereby helping conserve the region's drinking water reserves. The BMW Group has already reduced its water consumption by more than 30 percent overall since 2006.

BMW iX* as catalyst for change: Active shift in competence.

The BMW iX* creates a need for additional training beyond the extensive experience and expertise that is already available. It is accelerating the shift in competence already taking place within the production network and helping prepare the workforce for the demands of a new era. In this way, employee development across the entire company is being geared towards digitalisation and e-mobility. As part of the biggest training offensive in the company's history, 75,000 staff are being trained in future areas of activity.

In Dingolfing alone, more than 4,000 employees have moved to jobs with strong future prospects since 2012. A current example of this is the creation and expansion of the Competence Centre for E-Drive Production at the location, which doubled its staff numbers last year from 600 to 1,200. This number is likely to increase to over 1,900 by the end of the year.

***Fuel consumption/emissions data:**
BMW iX xDrive40: Power consumption in kWh/100 km: 22.5-19.4 (WLTP); CO_2 emissions combined: 0 g/km
BMW iX xDrive50: Power consumption in kWh/100 km: 23.0-19.8 (WLTP); CO_2 emissions combined: 0 g/km
BMW i4 eDrive40: Power consumption in kWh/100 km: 20-16 (WLTP); CO_2 emissions combined: 0 g/km

If you have any questions, please contact:

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The BMW Group production network
Uniquely flexible and highly efficient, the BMW Group production network is able to respond quickly to changing markets and regional sales fluctuations. Expertise in manufacturing is a key contributor to the BMW Group's profitability.

The BMW Group production network uses a range of innovative digital and Industry 4.0 (IoT) technologies, including virtual reality, artificial intelligence and 3D printing applications. Standardised processes and structures across the production system ensure consistent premium quality and allow a high degree of customisation.

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 2020, the BMW Group sold over 2.3 million passenger vehicles and more than 169,000 motorcycles worldwide. The profit before tax in the financial year 2020 was € 5.222 billion on revenues amounting to € 98.990 billion. As of 31 December 2020, the BMW Group had a workforce of 120,726 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company set its course for the future early on and is making sustainability and resource efficiency the focus of the company's strategic direction – from the supply chain, through production, to the end of the use phase, for all its products.

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