The all-new BMW X2.
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Model range at launch.

BMW iX2xDrive30:
Fifth-generation BMW eDrive technology, one electric motor at the front axle and one at the rear, electric BMW xDrive all-wheel drive.
Output: 200 kW/313 hp at 4,300 – 15,200 rpm (incl. temporary boost).
Max. system torque: 494 Nm (364 lb-ft) at 0 – 4,900 rpm.
Acceleration [0 – 100 km/h (62 mph)]: 5.6 seconds.
Top speed: 180 km/h (112 mph).
Electric power consumption, combined in WLTP cycle: 17.7 – 16.3 kWh/100 km.
Electric power consumption, combined in NEDC cycle: – .
Range: 417 – 449 km (259 – 279 miles) in WLTP cycle.

BMW X2 sDrive20i:
Three-cylinder petrol engine, 48V mild hybrid technology, seven-speed Steptronic transmission with double clutch.
Drive system overall:
Output: 125 kW/170 hp. Torque: 280 Nm (206 lb-ft)*.
BMW TwinPower Turbo engine:
Capacity: 1,499 cc.
Nominal power: 115 kW/156 hp at 4,700 – 6,500 rpm.
Nominal torque: 240 Nm (177 lb-ft) at 1,500 – 4,400 rpm.
Electric motor:
Nominal power: 14 kW/19 hp.
Nominal torque: 55 Nm (41 lb-ft).
Performance / Consumption / Emissions:
Acceleration [0 – 100 km/h (62 mph)]: 8.3 seconds.
Top speed: 213 km/h (132 mph).
Fuel consumption, combined in WLTP cycle: 6.5 – 6.0 l/ 100 km (43.5 – 47.1 mpg imp).
Fuel consumption, combined in NEDC cycle: – .
CO_2 emissions, combined in WLTP cycle: 148 – 136 g/km.
CO_2 emissions, combined in NEDC cycle: – .
Exhaust standard: Euro 6e.

BMW X2 M35i xDrive:
Four-cylinder in-line petrol engine, seven-speed Steptronic transmission with double clutch, BMW xDrive.

Capacity: 1,998 cc, output: 221 kW/300 hp at 5,750 – 6,500 rpm.
Max. torque: 400 Nm (295 lb-ft) at 2,000 – 4,500 rpm.
Acceleration [0 – 100 km/h (62 mph)]: 5.4 seconds.
Top speed: 250 km/h (155 mph).
Fuel consumption, combined in WLTP cycle: 8.0 – 7.7 l/ 100 km (35.3 – 36.7 mpg imp).
Fuel consumption, combined in NEDC cycle: – .
CO_2 emissions, combined in WLTP cycle: 181 – 174 g/km.
CO_2 emissions, combined in NEDC cycle: – .
Exhaust standard: Euro 6e.

BMW X2 sDrive18d:
Four-cylinder in-line diesel engine, seven-speed Steptronic transmission with double clutch.
Capacity: 1,995 cc, output: 110 kW/150 hp at 3,750 – 4,000 rpm.
Max. torque: 360 Nm (265 lb-ft) at 1,500 – 2,500 rpm.
Acceleration [0 – 100 km/h (62 mph)]: 8.9 seconds.
Top speed: 210 km/h (130 mph).
Fuel consumption, combined in WLTP cycle: 5.5 – 5.1 l/ 100 km (51.4 – 55.4 mpg imp).
Fuel consumption, combined in NEDC cycle: – .
CO_2 emissions, combined in WLTP cycle: 145 – 133 g/km.
CO_2 emissions, combined in NEDC cycle: – .
Exhaust standard: Euro 6e.

* Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure).

All of the stated model variants, equipment features, technical data and fuel/electric power consumption and emissions figures relate to the offering in the German market. Dimensions and measurements refer to vehicles with basic configuration in Germany. These may vary depending on the wheel/tyre size and items of optional equipment selected.

Vehicle concept.
The individualist in the premium compact segment – sportier than ever and now also fully electric.

The BMW X2 is the car that first introduced the vehicle concept of a Sports Activity Coupé (SAC) for the premium compact segment. And now the even more distinctive, even sportier and even more forward-looking second generation is taking to the stage. Significantly larger dimensions, a pronounced coupé silhouette and dynamic lines clearly showcase in its exterior design the development leap taken by the new BMW X2. The progressive character of the new model is also evident in the fully electric BMW iX2 variant, as well as in a large spread of systems enabling automated driving and parking, and in the innovative digital services laid on by the new BMW iDrive with QuickSelect and BMW Operating System 9.

With its extrovert looks, the new BMW X2 fits the mould of the brand's Sports Activity Coupés. As the youngest member of the BMW X model family and one with particular emotional appeal, it embodies a youthful and progressive lifestyle. The broad spectrum of drive variants already available from the start of sales – from the fully electric BMW iX2 xDrive30 to the BMW X2 M35i xDrive forged by BMW M – extends the car's appeal into additional target groups. The new BMW X2 has everything it needs to clearly exceed the success of the predecessor model, more than 380,000 examples of which were sold worldwide, and in the process strengthen the brand's leadership claim in the growing compact Sports Activity Vehicle and Sports Activity Coupé segment.

The venue for the world premiere of the new BMW X2 and new BMW iX2 is the Japan Mobility Show in Tokyo (formerly the Tokyo Motor Show), which will open its doors on 26 October 2023. The worldwide market launch of the compact SAC will get underway in March 2024. Alongside the BMW iX2 xDrive30 and BMW X2 M35i xDrive, customers will have one other petrol option and one diesel model to choose from at launch. In summer 2024 another diesel-engined example will be added to the line-up.

Accelerating the ramp-up of electric mobility.
The new BMW X2 plays the role of the emotionally engaging individualist in the premium compact segment and is well ahead of its competitors when it comes to design and technology. It is based on a flexible vehicle

architecture which allows model variants with highly efficient petrol and diesel engines to be assembled on a single line alongside those with fully electric drive systems. The new BMW iX2 sees the BMW Group accelerating the ramp-up of electric mobility. The company now has at least one purely electrically powered representative in all relevant model segments. The BMW Group is aiming to have more than two million fully electric vehicles on the road by the end of 2025. In fact, by 2030 every second vehicle sold by the BMW Group worldwide should have an all-electric drive system.

The new BMW X2 and new BMW iX2 will be produced flexibly on a single assembly line at BMW Group Plant Regensburg for every world market. The high-voltage batteries for the fully electric model variant are also made at the Regensburg site, which has benefited from extensive investment as part of its focus on sustainable mobility. The plant already builds the new BMW X1 and new BMW iX1. Up to 1,000 vehicles roll off the production line here each working day. BMW Group Plant Regensburg has become the automotive industry's first plant worldwide to use an end-to-end digitalised and automated process in standard production for inspection, processing and marking of painted vehicle surfaces by AI-controlled robots. The Bavarian plant is therefore taking another step towards becoming a digital and intelligently connected facility – the BMW iFactory.

Sporting presence, modern and spacious interior.
The proportions, lines and surface treatment of the new BMW X2 exude sporting prowess, individuality and a confident presence. The car's distinctive exterior appearance sets it apart clearly in character from the BMW X1 compact Sports Activity Vehicle and is accompanied by a modern cockpit design shaped by digital innovations including the BMW Curved Display and by generous levels of interior space.

The new BMW X2 has grown by 194 millimetres in length over its predecessor, to 4,554 millimetres. This means the SAC also stretches 54 millimetres beyond the new BMW X1. Its wheelbase is now 2,692 millimetres (+ 22 millimetres), and it also stands 21 millimetres wider, at 1,845 millimetres. Wider tracks at both the front and rear, together with the larger-diameter wheels, give the new BMW X2 a significantly broader, muscular stance on the road. The vehicle height is 1,590 millimetres, up 64 millimetres compared with the predecessor model. These dimensions produce dynamically stretched proportions that embrace two signature features of an SAC "made by BMW": an

upright front end and a roofline flowing deep into the rear end in time-honoured coupé style.

Head inside, and the new BMW X2 houses five full-size seats. Both the driver and front passenger and those in the rear seats benefit from a noticeable increase in shoulder and elbow room. Kneeroom in the second row of seats has been expanded by 25 millimetres. The rear seat backrests can be folded in a 40:20:40 split as standard, and also specified as an option with tilt angle adjustment to enhance either seat comfort or load-carrying capacity, as required.

With all the seats in use, the new BMW X2 can accommodate 560 litres of cargo, which is 90 litres more than its predecessor. The load compartment's capacity can be expanded to a maximum 1,470 litres (+ 115 litres). With its standard 48V mild hybrid technology and additional battery, the BMW X2 sDrive20i has a boot capacity of 515 – 1,400 litres, while the fully electric BMW iX2 offers between 525 and 1,400 litres.

A trailer tow hitch can also be ordered as an option for the new BMW X2, and this is now operated electrically at the touch of a button. The maximum permitted trailer load is as much as 1,800 kilograms, depending on the model variant (BMW iX2: 1,200 kilograms).

BMW Efficient Dynamics: a holistic approach designed to achieve greater sustainability.
The progressive premium character profile of the new BMW X2 and new BMW iX2 also comprises further advances when it comes to sustainability. In the drive to preserve resources and reduce the cars' carbon footprint, consideration is given to the complete vehicle lifecycle, from development and procurement of raw materials through manufacturing and the use phase to subsequent recycling.

The BMW Efficient Dynamics technology package – which is unique in the automotive industry – minimises energy consumption in the use phase. As well as the powertrain, it encompasses energy management, rolling resistance, aerodynamics and weight reduction through intelligent lightweight design. This makes it possible to combine the reduced energy consumption and CO_2 emissions with enhanced driving pleasure.

Intelligent lightweight design, optimised driving dynamics.
The weight-optimised construction of the body and the chassis components brings gains in efficiency and also heightens the agility of

the new BMW X2 and new BMW iX2. An intelligent mix of materials succeeds in minimising vehicle weight while also enhancing the body's rigidity and crash safety. The hot-stamped steels and aluminium alloys used for the safety passenger cell are supplemented by multi-phase steels for extra reinforcement. In the front end of the BMW iX2, an additional shear panel and a stiff connection with the high-voltage battery's housing, which is designed as a load-bearing component, increase body rigidity. In addition, the all-electric model has a special driving dynamics strut, which connects the individual spring strut towers with one another. The increase in torsional rigidity achieved in this way promotes directional stability and sharpens turn-in response through corners.

Making the bonnet from aluminium cuts weight at the front end of the car, which gives handling agility another boost. Meanwhile, lightweight plastic supports for the front and rear doors bring further weight savings. And the use of steel components with a zinc/magnesium coating optimises corrosion protection.

Targeted optimisation measures for the aerodynamics of the new BMW X2 likewise enhance both efficiency and driving dynamics. The electric power consumption and range of the BMW iX2 benefit from the lower drag generated by the all-electric model's closed-off BMW kidney grille. All other variants have an active air flap control system for the kidney grille and lower intake in the front apron, which adapts its responses to the need for cooling air and the ambient temperatures. Other contributors to aerodynamic efficiency include air curtains in the outer sections of the front apron; flush-fitting door handles; aerodynamically optimised exterior mirrors, rear lights and light-alloy wheels; and a model-specific rear spoiler. Added to which, the flow of air around the car is guided judiciously with the help of a large-surface diffuser in the lower section of the rear apron and a virtually fully sealed underbody with precisely defined air guides. The smooth sealing for the high-voltage battery in the BMW iX2 has a positive effect on drag. Together, these features bring the car's drag coefficient (C_d) down as far as 0.25 (BMW iX2) or 0.27 (BMW X2), depending on the model variant.

Also reduced is the wind noise created by the body and add-on parts. An optimised sealing concept for the body around the doors and tailgate, plus the newly designed exterior mirrors, increase acoustic comfort over the predecessor model. The use of acoustically optimised tyres reduces noise from this source. Added to which, an improved engine and transmission mounting improves isolation from vibrations, which

likewise enhances driving comfort. Starting the combustion engine and turning it off also generate significantly lower vibrations in the new BMW X2. And optional acoustic glazing shields the interior from outside noise.

A model-specific mounting and optimised encapsulation for the electric motor, power electronics and transmission – which are arranged in a single housing – increase the acoustic comfort of the BMW iX2, which also has a soundproofed and double-decoupled refrigerant compressor.

Integrated overall concept maximises occupant protection.
A comprehensive passive safety concept maximises occupant protection in an extremely wide range of collisions. It factors in the requirements of crash testing procedures in the markets where the new BMW X2 will be offered. Besides the extremely rigid passenger cell and highly resilient load-bearing structures, it also includes integrated safety electronics which deploy the restraint systems in the right sequence, at the optimum moment and with the required effect for the specific collision type and severity.

The car is fitted with three-point inertial-reel seat belts for all seats, plus front, side and head airbags. An interaction airbag is deployed between the driver and front passenger in the event of a side-on impact, boosting occupant protection. And the new BMW X2 also comes as standard with an active bonnet to improve pedestrian protection. Pyrotechnic actuators raise the bonnet if the vehicle collides with a pedestrian, creating more deformation space between the bonnet and the hard underlying structures.

Strengthened cross members for the front and rear bumper plus a structure-optimised casing protect the high-voltage battery of the BMW iX2 from the forces exerted in a collision. Energy-absorbing outer longitudinal profiles and the housing's particularly stiff cross struts keep the collision forces away from the battery cells. The safety of the high-voltage components has been extensively demonstrated over the course of extensive crash testing and simulations. The safety standards set out here by the BMW Group go well beyond the legal requirements. The safety concept also includes a sensor system for crash detection, which triggers a shutdown of the high-voltage system. In addition, pyrotechnic separators decouple the high-voltage battery from the on-board power supply.

Exterior design.
Authentic Sports Activity Coupé with dynamic lines and a confident presence.

With its distinctive and expressive design, the new BMW X2 is instantly identifiable as a pure-bred Sports Activity Coupé (SAC) for the premium compact segment. The new edition of the car impresses with dynamically stretched lines and a generous surface treatment featuring a small number of structure-giving character lines. The roofline, which flows along an unbroken path into the rear end, creates a slim, coupé-shaped silhouette. The upright front end, prominently flared wheel arches and powerful rear exude confidence and presence.

The extrovert exterior design of the new BMW X2 spotlights its distinctive vehicle character. The clear differentiation from the brand's compact Sports Activity Vehicle (SAV), the BMW X1, is clear from every angle. Alongside the sportiness and emotionality, the design of the new BMW X2 above all conveys an exclusive style. The new SAC is the first model in the premium compact segment to be offered as an option with the illuminated BMW kidney grille Iconic Glow. Model-specific LED Icon Lights and a fresh new design for the rear lights underscore the standalone status of the new BMW X2.

The special design features of the BMW X2 M35i xDrive performance model provide additional references to the dynamic driving pleasure on offer for those on board. Meanwhile, an M Sport package – also including aerodynamically optimised exterior details – is available for all other model variants, including the new BMW iX2.

Front end with a strong character and standalone design features.
The model-specific front-end design of the new BMW X2 brings unmistakable sporting allure and visual extravagance to the premium compact segment. Front and centre is the new interpretation of two signature brand features: the BMW kidney grille and twin headlights. The two connected elements of the kidney grille together form an almost hexagonal contour. With their striking form recalling the front-end design of the BMW X4 and BMW X6 models, the new edition of the compact model occupies a clearly defined space within the Sports Activity Coupé family. The outline of the BMW kidney grille is highlighted by a three-dimensional surround. The optional illuminated BMW kidney grille Iconic

Glow gives the car a particularly distinctive and extrovert appearance, especially during the hours of darkness. The likewise model-specific air inlet grille with sporty honeycomb structure is finished in Black high-gloss. And the inner section of the enclosed BMW kidney grille on the BMW iX2 has an extremely intricate structure and surfaces in Quartz Silver.

The headlight units extend well into the wheel arches. The new BMW X2 comes as standard with LED headlights for low and high beam. Two vertical LED units with a subtle arrow shape include the daytime driving lights and turn signal indicators. Adaptive LED Headlights with non-dazzling matrix high beam, plus urban lights, motorway beam pattern and bad weather light are available as options. These also have blue inlays and a cornering light function. By expertly adjusting the high beam elements as required, the matrix function allows dazzling of other road users to be avoided.

The urban light distribution function of low beam optimises illumination of the road edges, and the motorway beam pattern increases the range of the lights. The bad weather light adapts the low-beam light distribution specially to deal with poor visibility, taking on the task previously carried out by the front fog lights. This also paves the way for generously proportioned surfacing around the front apron. M lights Shadowline can also be specified as an option.

The design of the lower air intake also fuels the dynamic aura of the new BMW X2. It drops very deep and also extends well into the sides of the front end. It is flanked to either side by elegant, wing-shaped inlays, which guide the onrushing air to the air curtains in the front apron. Together with the eye-catching headlights, the character-rich BMW kidney grille and a windscreen much more heavily raked than on the new BMW X1, this creates a slim yet powerful front view that emphasizes the width of the car and its solid stature. The bonnet of the new BMW X2 also has a model-specific design and features extremely dynamic contours.

Coupé-shaped silhouette, eye-catching shoulders.
The distinctive proportions of the new BMW X2 are showcased particularly clearly when the car is viewed side-on. The upright front end, long bonnet, heavily raked A-pillars and roofline flowing dynamically into the rear feed into the typical silhouette of a Sports Activity Coupé from BMW. Large wheels and a wraparound black border at the lowest edge

of the body are subtle pointers to the robust character of the compact BMW X model.

Another contributor to the powerful appearance of the new BMW X2 are the clean and generously designed body surfaces, which are given added structure by a small number of dynamically stretched lines. The door openers are integrated flush with the body. At its trailing edge, the slender side window graphic features a tweaked interpretation of the Hofmeister kink familiar from BMW models past and present. Shallow roof rails in Black high-gloss can be specified as an option for the new BMW X2.

Both the front and rear wheel arches are prominently flared, the rear arches particularly so. Combined with a notable indent near the rear window, this creates a strikingly muscular shoulder area. Factor in a passenger compartment set well back and you have a car that radiates agility and surging power even when standing still.

Powerful rear end with distinctively moulded lights.
The flared wheel arches and muscular shoulders also shape the appearance of the new BMW X2 when viewed from the rear. The character lines along the flanks continue in the rear end, creating a flowing connection between the different areas of the body. Like the contours of the rear lights, the body lines and surface structures are horizontal in execution. This accentuates the width of the rear end and the body's muscular stance on the road particularly effectively.

Below the heavily raked rear window, a bold Gurney-style spoiler generates additional downforce over the rear axle. A concave surface below the rear spoiler creates a three-dimensional effect and injects extra tautness. The model-specific rear apron of the new BMW X2 is composed of a black surface, which frames the license plate carrier and extends as far as the side body edging, and a section below it painted in body colour. Inserts styled as air intakes and vertical reflectors further enrich the sporting flavour. The exhaust system's tailpipes on all the combustion-engined variants – with the exception of the new BMW X2 M35i xDrive – are integrated out of sight in the rear apron.

An all-new and bespoke design treatment gives the rear lights of the compact Sports Activity Coupé a characteristic appearance. The light units are split into two sections and extend well into the car's flanks and the tailgate. All of the light functions use LED technology. The LED elements for the rear lights and turn signal indicators point outwards in

the shape of an arrow, picking up the design of headlights' inner workings. A third brake light is integrated into the upper edge of the rear window.

Wide variety of exterior colours; M Sport package can be ordered as an option.
Customers can choose from two solid and eleven metallic paint finishes for the exterior of their new BMW X2, including the new Fire Red metallic variant. Two Frozen shades from BMW Individual and a broad spectrum of BMW Individual special paint finishes are also available.

An M Sport package is available for the new BMW X2 and new BMW iX2 as an alternative to standard specification. Designed to further accentuate the dynamic instincts of the Sports Activity Coupé, this option brings large side air intakes integrated separately into the front apron, a border painted in body colour along the lower edge of the body, M-specific side skirts, M High-gloss Shadowline exterior trim and a striking rear apron with integrated diffuser element. Adaptive M suspension and 19-inch M light-alloy wheels in double-spoke design are also part of the M Sport package. M-specific interior appointments include sport seats, an Alcantara-covered instrument panel, an anthracite-coloured headliner and an M leather steering wheel with gearshift paddles.

Also on the options list is the M Sport package Pro. Among the features this adds to the M Sport package are extended M High-gloss Shadowline exterior trim, M lights Shadowline, an M rear spoiler, an M Sport braking system with red-painted callipers and M seat belts.

Interior and equipment.
Premium ambience with a sporting flavour; impressive functionality.

A modern premium ambience with sporting touches and a lot more space than was offered by the predecessor model await the driver and passengers inside the new BMW X2. High-quality materials, precise workmanship and a host of details executed with innovative flair mark out the progress that has been achieved with the new model generation. Generous levels of on-board spaciousness and noticeably increased legroom in the rear compartment combine with a significantly larger and flexible-use load compartment, which gives the compact Sports Activity Coupé an impressive degree of practicality.

The progressive aura in the interior of the new BMW X2 results primarily from the fundamental upgrades to the display and control/operation system. The new BMW iDrive vehicle experience with QuickSelect based on BMW Operating System 9 represents a reimagining of the driver-centred cockpit design to focus on touch and voice control – via the BMW Curved Display and the BMW Intelligent Personal Assistant. The broad-based implementation of digitalisation enables the number of physical buttons, controls and switches required for intuitive operation to be significantly reduced.

Expanded standard equipment, targeted individualisation.
Significant additions to the standard equipment of the predecessor model also underscore the thoroughly developed character of the new BMW X2. Standard specification includes a navigation system, two-zone automatic climate control, a raft of modern driver assistance systems, Park Assist including Reversing Assist Camera and numerous other innovative digital services which enhance both comfort and the driving pleasure for which BMW is renowned.

Automatic tailgate operation is also part of standard equipment. And if the optional Comfort Access is specified, the tailgate can be opened and closed hands-free as well. Beyond the M Sport package and the M Sport package Pro, the new BMW X2 is also available with newly created equipment packages enabling targeted individualisation of the car.

Supreme driving pleasure in a progressive ambience.
The driving pleasure in the new BMW X2 is characterised – in familiar Sports Activity Coupé style – by a raised seating position and a driver-focused cockpit design. The outstanding view over the road and the ergonomically optimised arrangement of the displays and controls enable a sporty driving experience undisturbed by any situation.

Many details of the modern interior design take their cues from the interior concept of the BMW iX. Key features include the slender instrument panel, which serves as a stage for the BMW Curved Display, and a "floating" armrest with integral control panel between the driver's seat and front passenger seat. The BMW Curved Display – with its frameless glass surface angled slightly towards the driver – brings a high-class, modern highlight to the cabin. It is framed by exceptionally solid-looking trim pieces which extend out to the doors as a border for the cockpit area.

Below it, the slim instrument panel accentuates the width of the interior with its generously sized and horizontal decorative surfacing. Five interior trim strip variants, including the new Aluminium with graphic accents and – exclusively in cars with the M Sport package – Aluminium Hexacube light, allow owners to individualise the design. All the optional interior trim strips are combined with ambient lighting.

The progressive style of the interior design continues with the centre console. Alongside the newly designed gear selector lever, the control panel integrated into the centre console houses exquisitely embedded buttons for using vehicle functions. These include the Start/Stop button, the volume control for the audio system and the button for the hazard lights. Among the other functions activated using the relevant buttons on the control panel are the parking brake, My Modes and Park Assist.

In the front section of the centre console, directly below the central air vent, is space for two cup holders and a smartphone tray with indirect illumination on both sides. Secured by a movable clasp, phones can be placed here upright so they are visible to the driver and front passenger, and charged wirelessly. Additional storage areas can be found in the space underneath the central armrest.

Newly developed seats offer even better comfort and lateral support.
The newly developed seats in the compact SAC offer classy looks, outstanding lateral support through quickly taken corners, optimised comfort over long distances and extended functionality. This applies to

both the standard items and the optional sport seats, which also stand out with their prominent bolsters and shoulder areas, and their adjustability of seat angle and depth. Seat heating can be specified as an option, as can electric adjustment (including memory function on the driver's side) for the fore-and-aft position, height and cushion/backrest angle for both the standard seats and sport seats. The two seat variants are also available with lumbar support in the backrest including massage function.

Available as alternatives to the standard anthracite-coloured cloth upholstery are the Veganza perforated variant and Vernasca leather with attractive quilting. Customers can choose from the colours Black, Mocha and Oyster for each variant. The Veganza surfaces can also be specified in two bi-colour variants. Available exclusively for the BMW X2 and BMW iX2 – alongside the Red/Black combination – is the new variant Atlas Grey/Smoke White. The M Sport package includes Veganza/ Alcantara sport seats in anthracite with blue contrast stitching or, as an option, Vernasca leather with special diamond quilting. Veganza surfaces with leather-like properties and eye-catching contrast stitching can also be specified as an option for the instrument panel and door shoulders.

The rear compartment of the new BMW X2 includes three full-sized seats with noticeably greater seat comfort than that offered by the predecessor model. ISOFIX child safety seat fasteners are integrated into the outer seats. An armrest with integral cup holders can be folded out from the central section.

Two-zone automatic climate control and navigation system as standard.
A two-zone automatic climate control system is fitted as standard in the new BMW X2, as is the rain sensor with automatic headlight activation. This system enables separate adjustment of the desired temperature on the driver's and front passenger side of the car. It is operated using voice control or by touch from the control display. The intelligent system takes into account the impact of direct sunlight and, depending on the car's specification, can also incorporate the seat and steering wheel heating into the temperature control process. Slim air vents ensure an extremely even distribution of fresh air around the interior. The side air vents are integrated into the A-pillars. There are separate vents for the rear-seat passengers, and these are integrated into the rear of the centre armrest for the driver and front passenger.

The automatic climate control system in the BMW iX2 works using extremely efficient heat pump technology. The all-electric model also comes as standard with an auxiliary climate control system to heat or cool the interior before a journey.

A Bluetooth interface, four USB-C ports and a 12V power socket in both the centre console and the boot all come as standard in all variants of the new BMW X2. The likewise standard BMW Live Cockpit Plus includes the cloud-based navigation system BMW Maps and an audio system with six speakers and amplifier output of 100 watts. The optional Harman Kardon Sound System raises the number of speakers to 12 and the amplifier output to 205 watts. Its tweeters are integrated into the door trim under high-quality stainless steel covers.

Premium ambience with scope for extensive individualisation.
The latest version of the standard Sport leather steering wheel has extremely high-quality accent trim in Pearl-effect Chrome, large thumb rests and multifunction buttons. If the M Sport package is specified, the new BMW X2 will offer drivers an M leather steering wheel with arresting three-spoke design and shift paddles. Steering wheel heating is available as an option for both items.

The optional panoramic glass sunroof brings an exclusive touch to both the exterior appearance of the new BMW X2 and its interior ambience. Its dark-tinted glass surface extends in a single section right up to the windscreen and a long way back into the rear part of the roof; indeed, only a small section of the roof is painted in body colour. It also reaches around to the roof frame on either side, creating a classy and consistent look. Designed as a body-mounted module, the panoramic glass sunroof floods the interior with light thanks to a view-through area measuring 712 millimetres in length and 702 millimetres wide. A multi-layer, electric interior roller blind is on hand to provide discreet interior shading when required.

The standard interior lighting incorporates the footwells, the door openers and the storage compartments in the centre console, plus reading lights, the ambient light from the headliner and the door courtesy lights. The optional ambient lighting provides richly atmospheric interior illumination. The lighting's distribution, brightness and colour scheme can be configured in the iDrive menu. And this option also includes the Dynamic interior light function, whose pulsating light signals indicate an incoming phone call or an open door when the engine is running.

Also available as part of the optional Premium package is a mirror package, which adds light projections from the exterior mirrors, an electric folding function for the exterior mirrors and an automatic dimming function for the interior mirror and the exterior mirror on the driver's side.

Drive system and charging technology.
Efficient Dynamics and the fully electric BMW iX2 deliver exceptional driving pleasure.

The line-up of drive systems for the new BMW X2 and new BMW iX2 provides clear evidence of the BMW Group's commitment to driving forward the transformation to sustainable mobility in the premium compact segment as well. The new model generation features highly efficient combustion engines with three and four cylinders. Added to which, fifth-generation BMW eDrive technology enables locally emission-free driving pleasure in a compact Sports Activity Coupé from BMW for the first time.

The petrol and diesel engines available for the new BMW X2 are all members of the new modular generation of Efficient Dynamics engines and send their power as standard through a seven-speed Steptronic transmission with double clutch. From there it will be channelled to the road via either the front wheels or the intelligent all-wheel-drive system BMW xDrive.

Four drive system variants will be available in Europe from market launch. The broad-based line-up ranges from the fully electric BMW iX2 to the BMW X2 M35i xDrive performance variant, which is fitted with the most powerful four-cylinder representative of the latest generation of engines (for more details, go to the chapter "The new BMW X2 M35i xDrive"). Over the course of 2024, these will be joined by another diesel engine with 48V mild hybrid technology – which can be teamed with either front-wheel drive or all-wheel drive – and a second fully electric model variant.

BMW iX2: premium electric mobility in a compact SAC.
An all-electric variant will be added to the new compact SAC line-up immediately at launch in the shape of the BMW iX2 xDrive30. With its emotionally engaging character, the BMW iX2 xDrive30 will give fresh momentum to locally emission-free premium mobility. The two electric motors powering the new BMW iX2 xDrive30 – one at the front axle and one at the rear – together generate a system output 230 kW/313 hp (including temporary boost), and system torque of 494 Nm (364 lb-ft). The highly integrated drive units are each grouped together with the accompanying power electronics and transmission within a compact housing.

The power-to-weight ratio of both the eDrive 5.0 M170SF drive unit at the front axle and the eDrive 5.0 M170SR at the rear axle is 1.5 kW/kg. This creates an electric all-wheel-drive system in which the precisely orchestrated interaction between the two motors produces alluringly instantaneous acceleration combined with supreme traction and directional stability. The new BMW iX2 xDrive30 accelerates from 0 to 100 km/h (62 mph) in 5.6 seconds on the way to an electronically governed top speed of 180 km/h (112 mph). Its combined electric power consumption in the WLTP cycle is between 17.7 and 16.3 kWh per 100 kilometres.

Like the motors, the high-voltage battery of the new BMW iX2 xDrive30 is also the product of the latest, fifth generation of BMW eDrive technology. The battery is installed in a space-saving position in the car's underfloor section and provides 64.8 kWh of usable energy. This and the high efficiency of the drive system help the new BMW iX2 xDrive30 to achieve a range of 417 – 449 kilometres (259 – 279 miles) in the WLTP cycle. Added to which, energy efficiency and therefore also range benefit from the use of heat pump technology for the automatic climate control system in the BMW iX2.

Combined Charging Unit and optimised software for fast and efficient charges.
The new BMW iX2 xDrive30 is equipped with an advanced Combined Charging Unit that brings together the functions of the voltage transformer, charging electronics and power distribution, plus the management systems for the drive, high-voltage and charging functions, into a single highly integrated control unit. It enables AC charging at a rate of up to 11 kW as standard, which means the high-voltage battery can be recharged from 0 to 100 per cent capacity in 6.5 hours. Customers can also choose three-phase AC charging at a rate of up to 22 kW as an option. This shortens the charging time to 3 hours 45 minutes. DC charging at up to 130 kW at a suitable fast-charging station makes it possible to boost the high-voltage battery's energy reserves from 10 to 80 per cent capacity in 29 minutes. Within this charge level range, enough energy can be sourced from a high-power-charging point in just ten minutes to increase range by 120 kilometres / 75 miles.

In the new BMW iX2 – as in the BMW i5 – the latest version of the Max Performance Charging software optimises above all efficiency when charging the car. Once the high-voltage battery reaches a higher state of charge (SOC), the new charging process aims to ensure the charging rate

drops smoothly instead of following the previous "stepped" curve. This produces a more rounded charging curve overall, resulting in even shorter charging times. At the same time, the Max Performance Charging software also makes it possible to top up the battery at the full charging rate from a higher starting SOC of up to 50 per cent.

Anticipatory thermal management for cooling or warming the high-voltage battery is optimally controlled in good time before a stopover at a fast-charging station. When the navigation system's route guidance function is active, the battery is automatically pre-conditioned before a planned charging stop. Pre-conditioning of the battery can be manually activated and deactivated by the customer at any time. An optimised cooling strategy during DC charging further improves the durability of the high-voltage battery. Alternating phases of full and partial cooling power are used when charging the BMW iX2 to avoid excessive cooling of the battery during fast charging.

Increasing range through adaptive recuperation and the MAX RANGE function.
When driving, adaptive recuperation helps to conserve the power reserves or even recover electrical energy during overrun and braking phases. Thanks to intelligent networking, the drive control system can use navigation data and information from driver assistance system sensors to adjust how much power is recuperated according to the respective traffic situation. As an alternative to adaptive recuperation, the driver can select high, medium or low braking energy recovery for all traffic situations via the BMW iDrive menu. If low recuperation is selected, this also brings the coasting function into play, allowing the car to coast with the powertrain disengaged when the driver takes their foot off the accelerator pedal. The drive control system also activates the coasting function when using adaptive recuperation if this will help optimise efficiency.

The maximum recuperation power attainable in driving mode B through use of the accelerator alone is 60 kW. Recuperation power of up to 120 kW can be generated via the brake pedal regardless of the driving mode selected.

The range of the BMW iX2 when driving in the My Mode Efficient can be extended by activating a new drive system function. With the MAX RANGE function, drive power and top speed are carefully restricted and comfort functions scaled back, allowing range to be increased by up to 25 per cent.

48V mild hybrid technology for combustion engines.
Electrification also elevates efficiency to new levels in the new X2 models with combustion engines. Advanced 48V mild hybrid technology not only reduces fuel consumption and emissions, it also optimises power delivery. Alongside its role as a powerful starter generator, the 48V electric motor – which is integrated into the standard-fitted seven-speed Steptronic transmission with double clutch – can both supplement the output of the combustion engine and ease the load on it. Depending on the driving situation, it contributes an additional 14 kW/19 hp of power and produces nominal torque of 55 Nm (41 lb-ft). This extra performance makes itself felt both when pulling away and in mid-range sprints in the form of exceptionally rapid response to the slightest movement of the accelerator. The integrated starter generator also enables more comfortable operation of the Automatic Start/Stop and coasting functions

The 48V battery – which provides the energy required for the extra output and for the starter generator, and also supplies the car's 12V network for the on-board electronics via a voltage transformer – is installed under the load compartment. It is charged by means of adaptive recuperation in overrun and braking phases at a rate of up to 15 kW. Through the intelligent networking of all the data from driver assistance system sensors and the information from the navigation system, the intensity of energy recuperation when the driver releases the accelerator pedal is adjusted to suit the driving situation even when route guidance is deactivated.

Efficient three-cylinder petrol engine from the latest generation powers the new BMW X2 sDrive20i.
A three-cylinder petrol unit from the latest modular generation of the BMW Group Efficient Dynamics engine family powers the new BMW X2 sDrive20i. Among the new features serving primarily to enhance efficiency and reduce emissions are the Miller cycle (which shortens the opening time of the intake valves), redesigned intake ports and combustion chambers, and an ignition system featuring an active coil with integrated electronics. Mixture preparation is optimised using a new dual injection system. In addition to the existing high-pressure injection system, some of the fuel is now injected into the combustion chambers via a low-pressure system. At the same time, the effectiveness of the turbocharging system and intercooler has also been increased.

Teaming up with the 48V mild hybrid system, the 1.5-litre engine in the new BMW X2 sDrive20i generates maximum output of 125 kW/170 hp

(developed by the combination of the combustion engine with up to 115 kW/156 hp at 4,700 – 6,500 rpm and the integrated electric motor with up to 14 kW/19 hp) and peak torque of 280 Nm / 206 lb-ft (developed by the combination of the combustion engine with up to 240 Nm / 177 lb-ft at 1,500 – 4,400 rpm and the integrated electric motor with up to 55 Nm / 41 lb-ft). The new BMW X2 sDrive20i sprints from 0 to 100 km/h (62 mph) in 8.3 seconds. Combined fuel consumption comes in at 6.5 – 6.0 litres per 100 kilometres (43.5 – 47.1 mpg imp) and CO_2 emissions at 148 – 136 grams per kilometre, both as per the WLTP cycle.

Upgraded four-cylinder diesel engine in the new BMW X2 sDrive18d.
The four-cylinder diesel engine in the new BMW X2 sDrive18d has also undergone an extensive upgrade, and now features low-friction pistons made from tempered steel, a graphite coating for the piston skirts and an active oil separator with map-regulated electric drive. To further cut fuel consumption and emissions, improvements have also been made to the efficiency of the two-stage turbocharging and to the common-rail injection system and exhaust gas recirculation.

Producing maximum output of 110 kW/150 hp and peak torque of 360 Nm (265 lb-ft), the 2.0-litre engine powers the new BMW X2 sDrive18d from rest to 100 km/h (62 mph) in 8.9 seconds. Combined fuel consumption stands at 5.5 – 5.1 litres per 100 kilometres (51.4 – 55.4 mpg imp) in the WLTP cycle, with CO_2 emissions between 145 and 133 grams per kilometre.

Standard equipment: a seven-speed Steptronic transmission with double clutch.
All of the combustion engines available for the new BMW X2 link up as standard with a seven-speed Steptronic transmission with double clutch, which works very smoothly and executes harmonious and extremely rapid gear changes. The latest generation of the transmission stands out with its fully electric actuation, widened gear ratio spread and greater internal efficiency. And the transmission automatically shifts into P when the engine is switched off. If the car is parked on a slope, this is detected using a sensor and the electric parking brake is automatically applied.

Optional gearshift paddles on the steering wheel enable ultra-fast manual gear changes. In cars specified with the optional M Sport package, the left-hand paddle is also used to activate the Sport Boost function, which enables extremely dynamic mid-range sprints.

Chassis technology and driving experience.

Bespoke tuning produces smile-inducing agility.

A thoroughly developed overall concept, together with advanced powertrain and chassis technology, enables the new BMW X2 to bring its own unique form of the brand's signature driving pleasure to the premium compact segment. Compared with the outgoing model, there has been a notable improvement in agility and cornering dynamics, as well as in long-distance comfort. A body construction of lower weight but increased rigidity, a substantially longer wheelbase and significantly wider tracks, plus high-quality chassis components and control systems tuned for this specific model provided the necessary tools here. It all adds up to sweetly balanced, precisely controllable and consistently well-resolved handling.

The package of chassis technology has been composed and tuned to make allowance for both the diversity of the powertrain portfolio and varying customer preferences. In the development and tuning of the axles, steering, springs and dampers, and the integrated application of all the powertrain and chassis systems, the engineers took particular care to ensure all model variants – from the all-electric BMW iX2 xDrive30 to the extremely sporty BMW X2 M35i xDrive – offer the handling characteristics for which the brand is renowned. Irrespective of the drive system fitted, their performance characteristics and their weight distribution, they all boast exceptionally sporty handling for their class at the same time as offering precise controllability, even in demanding driving situations. Adaptive M suspension including sport steering is also available for the compact Sports Activity Coupé as an alternative to the standard version.

Newly developed componentry for the front and rear axle.
The new BMW X2 has adopted its predecessor's design principle for the front and rear axle. However, all components of the single-joint spring strut axle at the front have been developed almost completely from scratch. The new axle kinematics and increased rigidity help to give the car agile turn-in response and steering feel that is largely unaffected by torque steer. The supports for the hydromounts are now made from aluminium, shaving around three kilograms off the vehicle's weight. Following readjustment of the steering axle, the caster offset has been

increased by some 15 per cent over the predecessor model, which has a positive effect on both steering feedback and straight-line stability.

The modular three-link rear axle fitted on all model variants also has the ideal ingredients for sporty handling. Featuring a bespoke design with remarkably high rigidity, it is partnered by a rear-axle subframe with a rigid mounting and promises precise wheel guidance even under high lateral acceleration. The springs and dampers take up less space thanks to their separate arrangement, freeing up additional room both for passengers in the rear and in the luggage compartment.

The use of anti-roll bar mounts with high preload on both axles improves not just roll stabilisation, but also steering precision during dynamic cornering. A new wheel bearing design that minimises both friction and weight is an additional factor in the superior efficiency of the new BMW X2.

The rear-axle subframe's flexible construction enables the new BMW X2 to accommodate different types of drive system. Consequently, the rear-axle subframe on the BMW iX2 xDrive30 features bespoke mounts for the electric drive unit powering the rear wheels. An additional mounting for the high-voltage battery has also been included here.

The suspension and damping systems in the new BMW X2 have also undergone an extensive upgrade with a view to enhancing long-distance comfort. For the first time, the front axle has been equipped with extra, lift-related damping using an additional sleeve on the dampers. This reduces body movement when driving over small bumps, while also ensuring excellent transient behaviour in corners.

Adaptive M suspension with frequency-selective damping, a 15-millimetre drop in ride height and sport steering.
Adaptive M suspension is available as an option for all model variants of the compact SAC. It is fitted as standard on the BMW iX2 xDrive30 and BMW X2 M35i xDrive and is also included with the M Sport package for all other models. Both agility and long-distance comfort benefit from this suspension system's mechanically controlled adjustable and frequency-selective dampers. Pressure peaks inside the dampers are smoothed out with the help of additional valves that are active on the rebound side. As a result, the system offers comfortable response when absorbing minor bumps in the road surface combined with sporty damper characteristics in dynamic driving situations. The specially designed damper system brings about a 15-millimetre drop in ride height on all models.

And sport steering is part of the adaptive M suspension specification on all variants too. This particular version of the Electric Power Steering system features a more direct rack ratio, along with the Servotronic speed-sensitive power assistance also included with the standard steering.

Near-actuator wheel slip limitation for extremely quick, precise response.
The new BMW X2 also now comes with near-actuator wheel slip limitation to maximise the car's agility and composure in challenging driving situations. Unique in this segment, this traction control system is integrated into the engine management, eliminating the long signal paths to the DSC control unit. This allows corrective inputs to be applied up to ten times faster than in conventional systems and with exceptional precision. Near-actuator wheel slip limitation thereby ensures optimum traction even on slippery roads, superb straight-line poise and assurance when accelerating hard, and excellent handling stability in corners. In addition, on all-wheel-drive models, power is split between the front and rear wheels as the situation demands.

Near-actuator wheel slip limitation likewise maintains directional stability when the vehicle is decelerating sharply as a result of energy recuperation. This means the new BMW iX2 xDrive30 can continue to regenerate brake energy to maximum effect even in adverse road conditions.

The functions provided by the DSC system include not only anti-lock braking (ABS) and Dynamic Traction Control (DTC), but also a variety of stabilising functions and the drive-off assistant. The Performance Control function gives the car even more agile handling by varying the distribution of drive torque to the front wheels according to the situation at hand. In order to optimise directional stability during heavy braking on surfaces offering differing levels of grip for the right-hand and left-hand wheels, a steering impulse is applied to help the driver correct the car's line. The functioning of the electromechanical parking brake is also integrated into the rear brake callipers by means of the DSC system.

Integrated braking system as standard, M Sport brakes as an option.
The new BMW X2 is equipped with an integrated braking system that delivers outstanding stopping power and superior pedal feel. This system brings together the brake activation, brake booster and braking control functions within a compact module. The required brake pressure is triggered using an electric actuator, an operating principle that

generates pressure more dynamically and ensures significantly faster and more precise interventions by the DSC. The integrated braking system generates a degree of stopping power that is matched exactly to the driver's inputs, while also providing excellent feedback via the brake pedal. The use of an electric actuator means braking requests from the driver assistance systems are likewise translated into extremely short stopping distances for improved active safety.

The standard braking system in the new X2 employs single-piston floating-calliper disc brakes at the front and rear. When specified with the M Sport package Pro, the SAC model comes equipped with M Sport brakes instead. Four-piston, fixed-calliper disc brakes at the front wheels and their single-piston, floating-calliper counterparts at the rear ensure increased stopping power that stays constant even under high loads. The electromechanical parking brake is integrated into the rear brake callipers on both braking system variants. The new BMW X2 M35i xDrive is fitted as standard with a bespoke version of the M Sport brakes while also offering the option of extremely powerful M Compound brakes. A brake pad wear indicator is also included on all model variants as standard and provides precise information on the remaining service life of the brake pads via the relevant menu in the control/operation system.

The new BMW iX2 xDrive30 rides as standard on 17-inch light-alloy wheels with an aerodynamically optimised design. The BMW X2 sDrive20i and BMW X2 sDrive18d models leave the factory on 18-inch light-alloy wheels as standard. The increase in the diameter of their tyres to 710 millimetres improves ride comfort at the same time as giving the models greater visual presence when viewed from the side. The M Sport package includes 19-inch M light-alloy wheels and the new BMW X2 M35i xDrive comes with 20-inch M light-alloy wheels as standard. Further light-alloy wheels ranging in size from 18 to 21 inches are available as options. The 19- and 20-inch light-alloy wheel variants are fitted with tyres that are 20 millimetres wider than on the outgoing model to give the new BMW X2 greater dynamic handling potential. High-performance tyres are also available for models with adaptive M suspension.

The new BMW X2 additionally comes as standard with a tyre pressure indicator for each individual wheel that provides an early warning of any loss of pressure, as well as a digital tyre condition monitoring system. Unique in this segment, this function uses a cloud-based algorithm to detect pressure loss far sooner than the vehicle's Tyre Pressure Monitor can. This is made possible by a diagnostics function in the BMW backend

that has been implemented with the help of artificial intelligence (AI). The driver is notified of any pressure loss together with the recommended course of action via the My BMW App (depending on the market, they may also receive a Teleservice message). Statistical information and AI methods can also be employed to predict the wear behaviour of the vehicle's tyres and thereby forecast the remaining tyre life until the recommended minimum tread depth is reached. The digital tyre diagnosis function can be set to automatically inform the customer of any tyre-related technical issue requiring action. Depending on the particular market, notification is sent via the vehicle in the form of a Teleservice message, by e-mail or via the My BMW App.

The new BMW X2 M35i xDrive.
Textbook M: dynamic, precise, visually striking.

A performance model available from the launch of the new BMW X2 is set to bring the compact Sports Activity Coupé's dynamic nature even more prominently to the fore. The new BMW X2 M35i xDrive will take its place at the pinnacle of the range with its hallmark M design and handling characteristics. Its four-cylinder engine – from the new modular generation of BMW Group Efficient Dynamics units – produces maximum output of 221 kW/300 hp in Europe, rising to 233 kW/317 hp in the USA and other selected markets.

M-specific chassis tuning teams up with BMW xDrive intelligent all-wheel drive to deliver sublime performance characteristics. The new BMW X2 M35i xDrive sprints to 100 km/h (62 mph) from rest in 5.4 seconds. It owes its compelling visual appeal to exclusive design features such as the horizontal bars in the BMW kidney grille and the two pairs of exhaust tailpipes. Moving inside, M Sport seats with an illuminated M logo are just one of the highlights that help to create a driving experience laced with thrills and excitement.

New four-cylinder engine with exceptional power.
The most potent incarnation of the four-cylinder petrol unit from the latest modular generation of engines serves as the power source for the range-topping car's captivating performance. Various innovations set the new engine apart from the preceding generation. They include the adoption of the Miller cycle, redesigned intake ports and combustion chambers, and changes to the camshaft timing, injection, ignition system and exhaust gas routing.

Among the unit's M-specific highlights are a new, extremely robust crankshaft drive, an optimised system of oil supply for the pistons with cooling channels, and new main bearing shells and caps. Its M TwinPower Turbo technology has been upgraded by increasing the performance of the turbocharging system and indirect charge air cooling at the same time as introducing dual injection for mixture preparation as a function of load point. The 2.0-litre engine generates its maximum output between 5,750 and 6,500 rpm, while peak torque of 400 Nm (295 lb-ft) is on tap from 2,000 up to 4,500 rpm.

The spirited power delivery is accompanied by an emotionally rich soundtrack from the M-specific exhaust system, which provides another visual highlight. The two pairs of tailpipes nestled neatly into the left and right of the rear apron are a signature feature of high-performance models from BMW M, and have now been adopted by the flagship model in the compact SAC range.

Seven-speed Steptronic transmission, mechanical limited-slip differential and BMW xDrive deliver supreme traction and exhilarating cornering dynamics.
The drive power is relayed via a seven-speed Steptronic transmission with an ultra-sharp shift action. Besides shift paddles on the steering wheel, it also brings the M Sport Boost function. Here, all the powertrain and chassis systems are switched to their sportiest setting when the driver pulls on the left-hand shift paddle for at least one second. Plus, the M Launch Control function is also available to provide the best possible traction and maximum dynamic flair when accelerating from a standstill.

The seven-speed Steptronic transmission also features a built-in mechanical limited-slip differential, whose locking effect limits the difference in speed between the front wheels. Together with the BMW xDrive all-wheel-drive system for fully variable distribution of power between the front and rear wheels, this serves to maximise traction, handling stability and cornering dynamics.

Adaptive M suspension, sport steering and 20-inch M light-alloy wheels as standard, M Compound brakes as an option.
The bespoke chassis technology in the BMW X2 M35i xDrive produces the dynamic, agile and precise handling for which M models are renowned. It is equipped as standard with adaptive M suspension, whose adjustable, mechanically controlled and frequency-selective dampers benefit both agility and long-distance comfort.

The M-specific chassis technology on the performance model additionally brings about a 15-millimetre drop in ride height compared with other BMW X2 model variants. Model-specific bracing elements at the front end of the vehicle and the exceptionally rigid anti-roll bar mounts have the effect of optimising steering response and precision. The standard sport steering pairs Servotronic speed-sensitive power assistance with a very direct rack ratio.

20-inch light-alloy wheels also form part of the select standard specification for the new BMW X2 M35i xDrive, with 21-inch M light-

alloy wheels in an exclusive Y-spoke design and sport tyres both appearing on the options list.

The integrated braking system matches the degree of stopping power exactly to the driver's inputs, while also providing excellent feedback via the brake pedal. In the new BMW X2 M35i xDrive it can be combined with the option of M Compound brakes, comprising four-piston, fixed-calliper brakes with 385-millimetre drilled discs at the front wheels and single-piston, floating-calliper units with integrated parking brake and 330-millimetre discs at the rear. Originally developed for the high-performance models from BMW M GmbH, the M Compound brakes offer very comfortable braking, superb feel and stable stopping power even under high loads. In addition to this, weight has been minimised and unsprung masses are substantially lower compared with conventional braking systems. The brake callipers are painted grey and bear the M logo.

Individual design with familiar M details.
The standout performance capabilities of the new BMW X2 M35i xDrive are reflected in distinctive design features that testify to the technical requirements of an exceptionally sporty car in terms of cooling air supply and aerodynamic balance. A front apron with particularly large air intakes ensures the engine, transmission and brakes can continue to work within their optimum temperature windows at all times, even under hard driving. Prominent side skirt extensions, black M exterior mirror caps, a model-specific M rear spoiler with central indent and a rear apron with diffuser inlay vividly showcase the performance-led character of the new flagship model.

The BMW M kidney grille of the new BMW X2 M35i xDrive bears the M logo. The grille also sports horizontal double bars, a design cue originally developed for high-performance models from BMW M GmbH. The same applies to the quartet of exhaust tailpipes – each measuring 100 millimetres in diameter – integrated into the rear apron. These pairs of tailpipes positioned to the far left and right of the rear end signal with unmistakable clarity the presence of the finest engine in the model range.

Cabin features M-specific displays and optional M Sport seats.
The likewise M-specific cockpit design also plays its part in creating a high-intensity performance experience inside the new BMW X2 M35i xDrive. Highlights include aluminium Hexacube Light interior trim elements, an M leather steering wheel with gearshift

paddles and red centre marker, an Alcantara-covered instrument panel, an anthracite-coloured headliner, M door sill trim, M pedals and the M-specific graphics of the BMW Curved Display and, optionally, the BMW Head-Up Display.

Standard equipment for the new BMW X2 M35i xDrive also brings anthracite Veganza/Alcantara sport seats with blue contrast stitching. These can optionally be trimmed in Vernasca leather with special diamond quilting. Also on the options list are M Sport seats. These offer multi-way electric adjustment (including memory function for the driver's seat), have integral head restraints and feature an illuminated M logo in the upper section of the backrests.

Driver assistance systems.
State-of-the-art technology enhances comfort and safety.

The standard and optional assistance systems available for the new BMW X2 increase comfort and safety both in everyday driving and on longer journeys. They are designed to assist the driver or lighten their workload in a wide variety of situations. Highlight features in the new BMW X2 include the automated driving and parking systems, which rank among the best on the market in terms of system availability and reliability. Camera images and the data gathered by ultrasonic and radar sensors are used to monitor the vehicle's surroundings, to warn of potential hazards, to minimise the risk of an accident with corrective braking or steering inputs, and to perform automated parking and manoeuvring. Existing functions can be improved by means of the Remote Software Upgrades facility, which also lets customers add new functions – such as the Steering and Lane Control Assistant (availability depends on the hardware fitted in the vehicle and the market conditions) – at a later stage.

The new BMW X2 is fitted as standard with the latest version of the front collision warning system with brake intervention, which brings additional functions to help prevent an accident. It comprises features such as Collision Warning, pedestrian and cyclist warning with braking function, and Crossroads Warning. And it can also warn the driver of pedestrians and cyclists who are parallel to the road and approaching the vehicle from the front or rear when turning right (in countries where vehicles drive on the right). The system helps to increase safety when turning left too (in countries where vehicles drive on the right). If a vehicle is approaching on the side of the road the driver needs to cross, visual and acoustic warnings are triggered and the brakes are applied to prevent the driver from continuing with their turn-off manoeuvre. Also helping to enhance comfort and safety as standard are Cruise Control with brake function, Speed Limit Info with no-overtaking indicator and pre-warning, manual Speed Limit Assist, the Evasion Assistant and Lane Departure Warning with lane return.

Optional Driving Assistant with new exit warning function.
Opting for the Driving Assistant upgrades standard specification by adding the Lane Change Warning system, which helps the driver to guide the car back into the original lane, likewise by means of a steering input.

The Driving Assistant's features also include Rear Collision Prevention and Rear Crossing Traffic Warning, which reduces the danger of a collision when reversing towards roads that are difficult to see into.

There is also an exit warning function, which provides a safety boost when the vehicle is stationary. It activates warnings if a vehicle or cyclist is approaching the BMW X2 at speed and there is a risk of collision on either side of the vehicle. The driver or front passenger is alerted to the danger by flashing LEDs in the mirror or the ambient lighting. An acoustic signal is also emitted.

Automated Level 2 driving: Driving Assistant Plus.
The optional Driving Assistant Plus offers targeted improvement of comfort and safety on long-distance journeys. This camera- and radar-based system includes the Steering and Lane Control Assistant as well as Active Cruise Control with Stop&Go function, which can both be used at speeds up to 180 km/h (112 mph). Corrective steering inputs help the driver to keep the vehicle in the lane detected by the system. Active Cruise Control is capable of not only maintaining the preferred speed, but also automatically keeping a safe distance from vehicles travelling ahead, and it can brake the new BMW X2 to a halt if necessary.

The automatic Speed Limit Assist and route speed control functions available when using Active Cruise Control add to the car's Level 2 automated driving capabilities, as defined by SAE international standard J3016. Speed limits along the route detected either by the Speed Limit Info system or by using data from the navigation system can be anticipated in advance with the help of automatic Speed Limit Assist. Meanwhile, the route speed control function also looks ahead to reduce the car's speed as appropriate when approaching a corner, roundabout, junction or exit. The system also adjusts the speed as required before entering built-up areas. After passing through the applicable section of the route at a suitable speed, the system will accelerate the new BMW X2 back up to the speed set by the driver or the current speed limit, as appropriate.

The complete comfort and safety package: Driving Assistant Professional.
If the Driving Assistant Professional option is specified, both the Steering and Lane Control Assistant and Active Cruise Control will be available to use at speeds up to 210 km/h (130 mph). On motorways, the Steering and Lane Control Assistant can also help the driver to guide the car in situations where the lane narrows. The Active Navigation function

detects when the vehicle needs to change lane in order to take a motorway exit and keep to the calculated route, and sets up the lane change. The system also features the Lane Keeping Assistant with active side collision protection. In Germany, traffic light recognition is also available when Active Cruise Control is in use.

The package of Driving Assistant Professional functions additionally includes Road Priority Warning, Wrong-way Warning, Front Crossing Traffic Warning, the Emergency Stop Assistant and the Emergency Lane Assistant (can be used in selected European countries). Assisted View in the instrument cluster gives the driver an overview of the activated systems and their functionality. To this end, the central area of the cockpit display is reserved for a three-dimensional mock-up of the vehicle and its surroundings.

Included as standard: Parking Assistant, Reversing Assist Camera, Reversing Assistant.
Drivers of the new BMW X2 also benefit from effective assistance when parking and manoeuvring thanks to standard-fitted technology such as Active Park Distance Control (PDC) with sensors at the front and rear. This system uses visual and acoustic alerts and automatic brake inputs to help avoid collisions with obstacles to the front, sides and rear of the vehicle. Also to be found on the standard equipment list are a Reversing Assist Camera and the Reversing Assistant, which makes light work of backing up for distances of up to 50 metres by steering the vehicle along the same line it took when moving forward.

The latest version of the Parking Assistant is also part of standard specification and now offers an even wider range of uses. It helps the driver to select and park in spaces either parallel or perpendicular to the road. Instead of just using other vehicles as a guide to help it select a parking space and straighten the vehicle when parking, the system is now also able to take its bearings from the kerb. What's more, the Parking Assistant can be used both to enter and to exit spaces. As well as the necessary steering inputs, it also carries out the acceleration, braking and gear changes required for the manoeuvre.

The functions contained in the optional Parking Assistant Plus provide an excellent overview in many different situations. Camera images are used to show the view to either the front or rear – depending on the selected gear – in the control display. The Surround View function including Top View, Panorama View and 3D View creates a 360-degree image of the vehicle and its surroundings from various angles, which can

also be seen in the control display. Meanwhile, the Remote 3D View function gives drivers the ability to call up a three-dimensional live image of their vehicle and its immediate vicinity on their smartphone.

The BMW Drive Recorder is another Parking Assistant Plus feature, which uses the driver assistance systems' cameras to record video images all around the vehicle, so these can be stored and later either played back on the control display when the vehicle is stationary or exported via the USB interface. The driver can therefore record high-definition videos up to 60 seconds in length while driving through spectacular countryside or performing eye-catching driving manoeuvres, for example. If the vehicle's alarm system is triggered, the Remote Theft Recorder will also come into play, recording video images from the four Surround View cameras at the same time as alerting the customer by sending a push notification to their smartphone via the My BMW App

Display and control/operation system, connectivity.
The new BMW Operating System 9; debut for BMW Digital Premium.

The latest version of the BMW iDrive display and control/operation system featuring QuickSelect is fitted in the new BMW X2, enabling numerous functions to be controlled intuitively and easily and providing access to innovative digital services. Based on BMW Operating System 9, it is packaged together with the BMW Curved Display and BMW Intelligent Personal Assistant, meaning it has been carefully geared to operation using the touchscreen and natural language. The control/operation system additionally comprises multifunction buttons on the steering wheel and, as an option, the BMW Head-Up Display. The new BMW iDrive helps to deliver a focused, assured driving experience by showing the right information in the right place.

The latest-generation BMW iDrive features a redesigned home screen and the QuickSelect rapid-access tech, bringing an improved menu structure that takes its cue from consumer electronics devices. BMW Operating System 9 was developed in-house by the BMW Group and is based on an Android Open Source Project (AOSP) software stack for the first time. It provides the basis for a broader offering of digital content for information and entertainment, shorter function update cycles and improved accessibility to a host of specific online services. BMW Operating System 9 therefore paves the way for a highly customisable selection of additional digital services that are made available to customers with the BMW ConnectedDrive Upgrades and the new BMW Digital Premium offering.

BMW iDrive with QuickSelect: functions shown on a single level and selectable with rapid-access tech.
At the heart of the display and control/operation system is the standard BMW Curved Display formed by a 10.25-inch information display and a control display with a screen diagonal of 10.7 inches. The screens merge into a single unit behind a continuous glass surface that curves towards the driver.

The new BMW Operating System 9 home screen on the control display continuously displays the navigation system's map view or other individually configurable graphics. On the same level, function icons appear in a vertical arrangement on the driver's side of the display.

Drivers can change between icons with a vertical swipe of the finger. The QuickSelect feature allows the function selected in this way to be activated directly without having to enter a submenu. And once the relevant settings have been chosen, a quick tap on the home icon at the lower edge of the control display is all it takes to return to the home screen. Icons for direct access to the climate control menu, All Apps menu and, if activated, Apple CarPlay® and Android Auto™ can also now be found next to the home icon.

The new, flat menu structure makes it much easier to activate the desired functions and settings. The digital content – just like the hardware in the form of the BMW Curved Display – is designed to enhance the driver focus for which BMW is renowned. To ensure intuitive operation while driving, the graphical interface and menu structure feature a layout developed by BMW Group Design that is both consistent and characteristic of the brand.

Over-the-air updating: Remote Software Upgrades and BMW ConnectedDrive Upgrades.
The BMW Group has the world's largest fully over-the-air upgradeable vehicle fleet, with more than five million such vehicles on the road. The Remote Software Upgrades function keeps the new BMW X2 right up to date with the latest software. Upgrades may include free quality improvements or even additional features and functional improvements (availability depends on country, vehicle model, equipment and vehicle status).

With BMW ConnectedDrive Upgrades, customers can enjoy a free one-month trial of selected functions, after which they are able to add them for a specific period of time. The range of features available in the BMW ConnectedDrive Store for the new BMW X2 includes Remote Engine Start and the High Beam Assistant (availability depends on country, vehicle model, equipment and vehicle status). The new BMW Digital Premium offering can also be obtained from the BMW ConnectedDrive Store for the new BMW X2.

New BMW Digital Premium offering heralds the arrival of in-car gaming and audio and video streaming.
BMW Digital Premium means customers can enjoy in-car use of all the apps available in their country, e.g. for music streaming, video streaming, news or gaming, on a subscription basis. The optional package also covers data usage for all digital services and the apps available from the BMW ConnectedDrive Store, including music and video streaming.

A new form of in-car gaming unique in the automotive sector is just one highlight of the BMW Digital Premium offering. BMW is presenting a wide selection of casual games in collaboration with the gaming platform AirConsole. These can be played when the vehicle is stationary as a way of passing the time, for example while waiting for the high-voltage battery in the BMW iX2 to recharge.

Setting up the gaming experience with AirConsole is perfectly straightforward. All that players need is their smartphone, which acts as the controller, and the BMW Curved Display. Once the AirConsole App has been launched in the vehicle, smartphone and car can be connected by scanning a QR code on the Curved Display. The games are then instantly made available, with gameplay controlled by smartphone over the air. This unique set-up means that multiple players can share in the in-car gaming fun at the same time. The around 10 titles initially available to play include racing, sport, quiz and skill games, and the portfolio will keep growing.

Audio streaming services can also be used in the new BMW X2 with BMW Digital Premium, and the driver and front passenger are able to view a wide variety of video streaming offerings (powered by Xperi TiVo) on the control display while the car is stationary. This means customers can enjoy a continuously growing selection of aggregated video content, such as news, live and on-demand streaming of films and series, for example. Country-specific content can also be accessed. The video app will be available with BMW Digital Premium in the USA, Great Britain, South Korea, France, Italy, Germany and Spain, and include the Pluto, Bloomberg Television, Deutsche Welle, Aljazeera and TED portals. Customers in Germany will also be able to access the tagesschau app and the popular streaming service JOYN. Country-specific content will offered in Italy and the USA from day one as well. The video streaming platform's portfolio will be constantly expanded and rolled out gradually across more countries.

The new BMW X2 provides particularly powerful mobile reception for data transmission – enabling in-car gaming, streaming and other online services – as well as for interference-free phone calls while driving, thanks to the vehicle's own 5G antenna system combined with the optional Personal eSIM. With up to four 5G mobile antennae available, outstanding voice and data transmission quality is guaranteed.

Extended functionality for the BMW Maps navigation system.
The cloud-based BMW Maps navigation system forms part of the BMW Live Cockpit Plus fitted as standard in the new BMW X2. Besides offering a simplified method of destination entry, BMW Maps enables fast route calculation, carried out dynamically and based on precise real-time traffic data transmitted at short intervals.

Opting for BMW Live Cockpit Professional also adds the Augmented View function to the navigation map, which shows a live video stream from the driver's perspective on the control display and augments it with supplementary information to match the context. At confusing junctions, for instance, an animated directional arrow is integrated into the video image to help the driver take the best turn-off for the planned route.

One of the key benefits of BMW Digital Premium is the enhanced functionality of BMW Maps, such as the real-time traffic information (RTTI) service with colour coding to show how freely traffic is flowing across the entire map area, even if route guidance isn't activated. It also offers 3D visualisation of buildings and surrounding elements in the map view and extended information on parking facilities. In addition, the driver is proactively notified of the current traffic situation and estimated time of arrival when setting out for destinations they drive to regularly. If necessary, the system will even propose an alternative route. Turn instructions and lane recommendations are shown in realistic form in both the information display and the optional BMW Head-Up Display.

In Germany and other European countries, BMW Digital Premium also allows drivers to pay parking fees directly from their vehicle in parking zones that support this payment method. The new BMW X2 automatically detects whether the service is available upon arrival in a parking zone. If it is, the payment function appears in the control display. And drivers in Germany also have the option of settling fuel bills digitally from their car as soon as they have refuelled at participating filling stations. In both cases, payment is made using credit card information first registered in the vehicle apps.

Additional My Modes and further scope for customisation with BMW Digital Premium.
Selectable by voice command or at the push of a button, the My Modes create an all-encompassing interplay of vehicle functions, displays and interior ambience. Drivers of the new BMW X2 can choose from Personal Mode, Sport Mode and Efficient Mode as standard, while BMW Digital Premium extends the range by adding Expressive Mode, Relax Mode

and Digital Art Mode. This opens up further options for individually tailoring aspects such as the style of the readouts on the control display and the interior lighting to suit the driving situation at hand, the current mood and personal preferences.

BMW Digital Premium also enhances the user experience with add-ons for the lighting sequence that is activated when approaching the car. The welcome scenario starts with an orchestrated lighting effect using the exterior and interior lights, including the light carpet in the entrance area. The vehicle then automatically unlocks when the driver is about 1.5 metres away. And as they get into the car, the BMW Curved Display plays a choreographed start-up animation and shows a customised welcome window for the driver – with a personal greeting as well as handy suggestions and information. BMW Digital Premium allows customers to select three more carefully devised lighting sequences for this welcome, in addition to the standard lighting choreography. Lighting effects with a very elegant, vibrant or dynamic style are then available to choose from. Ultra-wideband (UWB) radio technology helps to ensure that the location of the key or compatible smartphone with BMW Digital Key Plus can be pinpointed precisely on the approach to the vehicle.

In new BMW X2 models with BMW Digital Premium, automated routines can also increase convenience in regularly recurring situations. For instance, the driver's window can be opened automatically at the entrance to an underground car park, making it easy to use an access card.

Charging-optimised route guidance for the BMW iX2.
In the BMW iX2, the cloud-based BMW Maps navigation system will calculate a charging-optimised route as soon as the destination has been entered if the vehicle's current range is insufficient for the journey's distance. The charging stops are planned so that the selected destination is reached as quickly as possible. It is possible to adjust the driver's preferred minimum charge level for when the vehicle reaches mid-journey stops and the final destination in increments of five per cent. The system can give preference to charging stations operated by selected providers at the driver's request.

If required, even more detailed information can be provided for the charging station stops en route. Current station availability, supported connector types and payment options are listed, along with the availability of sanitary facilities, catering facilities or shops in the vicinity

of the charging station. The expected duration of the planned charging stop and the resulting cost can also be shown in advance.

The closer the vehicle gets to a scheduled mid-journey stop, the more frequently the availability of the charging point is checked so that an alternative route can be calculated in good time if necessary. The MAX RANGE function that can be used in the BMW iX2 was mainly devised for cases where, contrary to expectations, a charging station forming part of the planned itinerary is unavailable. The function is available in My Mode Efficient and is able to extend range by up to 25 per cent by carefully limiting drive power and top speed and scaling back comfort functions.

If the navigation system's route guidance has planned a mid-journey stop at a DC charging point, the high-voltage battery of the BMW iX2 is pre-heated as the car approaches in order to ensure the power is taken on board as efficiently as possible. This pre-conditioning of the battery can also be initiated manually when the route guidance function is not activated.

All the details of each completed charging operation are stored in the BMW backend. In this way, the actual charging rate achieved can be precisely documented, for example, and the best charging stations recommended for the charging-optimised route.

Natural dialogue with the BMW Intelligent Personal Assistant.
The BMW Intelligent Personal Assistant also gains additional skills as part of the upgraded BMW iDrive package. Naturally formulated spoken instructions can now be used to adjust the air conditioning, for instance. Two different visualisation variants are available for the BMW Intelligent Personal Assistant in conjunction with BMW Digital Premium. Together with the accompanying interactive graphics, this results in an even closer and more personal dialogue between the user and their car. The depicted graphics visualise how the system is listening attentively to what is being said, for example. An instant text display also now indicates the command that has just been understood and processed by the voice assistant.

The digital companion is additionally capable of recognising user behaviour and proactively making contextually relevant suggestions to the driver on how to use the vehicle. The BMW Intelligent Personal Assistant suggests example commands and unused functions, which can be found in the Personal Assistant widget using QuickSelect.

Smartphone integration as standard.
Smartphone integration via both Apple CarPlay® and Android Auto™ is included as standard in the new BMW X2. The WiFi connection between smartphone and vehicle enables the services to be integrated directly into the car's display/operation system. Information from the apps can be viewed both in the control display and – in a cleverly presented way – in the instrument cluster or optional Head-Up Display.

Personalisation using the BMW ID and My BMW App.
New BMW X2 customers will benefit from increasingly automated personalisation of the user experience based on their BMW ID. Their profile is simply imported into the vehicle once they have signed in using a QR code. Personal and synchronisable settings are loaded, while the vehicle is also added to the My BMW App without the customer having to do anything, allowing them to make the most of the app's extensive functions.

The My BMW App acts as a universal digital interface that provides information on the vehicle's status, charging status and remaining range at any time. And it enables remote operation of functions such as vehicle locating, locking and unlocking the doors or monitoring the car's immediate vicinity. The Remote 3D View and Remote Inside View functions give drivers the ability to call up a three-dimensional live image of their vehicle's immediate vicinity and its interior on their smartphone.

The ability to manage the car's servicing and maintenance requirements is another convenient feature of the My BMW App. If the vehicle needs to be serviced, users receive a push notification and can make an appointment directly in the app. The app provides support during the entire service process, including check-in, service video, status tracking and payment.

The My BMW app can additionally be used to send destination addresses from the smartphone to the vehicle's navigation system and to initiate, purchase or extend ConnectedDrive Upgrades. It is also possible to control the charging process for the BMW iX2 from the My BMW App. The My Trips feature including Efficiency Trainer provides the user with data and evaluations on their smartphone for distances travelled, consumption and average speed, and offers helpful tips for driving more efficiently. A total of up to seven users can associate the same vehicle with their My BMW App and an individual BMW ID in each case. The My BMW App is also available for the Apple Watch with a selected range of functions.

Proactive Care: new service pledge marked by digitalisation.
With Proactive Care, BMW is creating a new platform for communicating with customers when various types of car servicing are required. The focus here is on the ability to also detect the vehicle's servicing requirements using artificial intelligence and proactively offer solutions to the customer without them having to take action themselves.

This is not the first time that BMW has taken on a pioneering role in the use of digital technology to optimise the service offered. For many years now, customers have already been benefiting from the fact that service-related data is transmitted directly from the vehicle to the BMW dealer thanks to BMW TeleServices. It is also possible to arrange service appointments online in this way – either by calling from the vehicle or via the My BMW App. BMW is now going one step further with Proactive Care. From Condition Based Servicing to digital tyre diagnostics, from Battery Guard to accident detection as part of the automatic emergency call feature, the new BMW X2 is able to identify servicing requirements or a need for assistance in many different ways and report them to BMW in line with the customer's preferences. As soon as this happens, BMW contacts the customer and proposes a suitable solution, which is then implemented via the appropriate channel depending on the urgency of the matter. If the vehicle needs urgent servicing during trips away, the customer is given the details of nearby dealerships they could visit.

Depending on the type of servicing work required, communication takes place via different channels: an in-car notification on the control display, a message in the My BMW App, an e-mail or – in the event of a collision or breakdown – a phone call from Roadside Assistance. The customer can take advantage of various types of service with Proactive Care. This includes remote diagnosis with potential troubleshooting via a software update, as well as online appointment scheduling and a personalised service video complete with online payment (the scope of "Proactive Care" services may vary depending on the country of delivery). In the event of a breakdown, BMW will arrange a Servicemobile unit or tow truck and inform the customer in advance when assistance will arrive.

BMW Digital Key Plus as a full-function vehicle key.
The Comfort Access option also includes the BMW Digital Key Plus. This enables customers to lock and unlock their new BMW X2 with a compatible smartphone running iOS or Android or an Apple Watch by means of security-enhanced ultra-wideband (UWB) radio technology – dispensing with the need for a conventional car key. To unlock and lock

the vehicle, the user simply has to approach it and move away again, without even needing to take their smartphone out of their pocket.

The BMW Digital Key Plus can be set up using the My BMW App. The car owner can also share it – and therefore access to the vehicle – with up to five other users, regardless of whether their smartphone runs iOS or Android.

Charging solutions from BMW Charging.
Connected Home Charging and Plug & Charge Multi Contract for the BMW iX2.

BMW Charging is continuously expanding its range of products and services for easy and convenient charging at home, at work and on the move. The new Connected Home Charging package provides the ideal basis for reducing energy costs, relieving the burden on electricity grids and reducing the demand for fossil fuels. This lays the foundation for integrating electric vehicles into the energy system to an ever-increasing degree.

Connected Home Charging enables smart charging at home for the BMW iX2.
The optional Connected Home Charging package offers customers the benefit of both lower energy costs and a minimised carbon footprint thanks to intelligent control of at-home charging. The first stage of this control system has now been introduced and includes "load-optimised" charging. Here, the charging rate is automatically adapted to the power available in the home. In this way, maximum power is always provided for charging the high-voltage battery – taking into account the other electricity-consuming devices in the home – without the vehicle owner having to take any action. This gives a significant boost to convenience and safety, especially in markets where the power capacity of domestic connections is normally low.

Additionally, Connected Home Charging is able to maximise the use of self-generated solar power for charging. The intelligent control system ensures that the solar power provided by the customer's photovoltaic system is primarily used to charge the vehicle's high-voltage battery once other consumers in the household have been supplied, and is not fed into the power grid. This solar-optimised charging method lets customers minimise energy costs at the same time as optimising the efficient use of green electricity.

The Connected Home Charging package comprises the new BMW Wallbox Plus with full connectivity, including installation service and networking, as well as the use of digital services to control charging via the My BMW App. Intelligent charging management offers a facility for choosing between the two strategies for load-optimised or solar-optimised charging to maximise the efficiency of at-home charging. With

the Connected Home Charging package, the customer is set up for smart charging and can also benefit from further upgrades to the system. Starting in 2024, when the second stage is rolled out, "cost-optimised" charging will also be possible. This will be based on a connection to the energy market via the strategic partner E.ON in Europe. It allows the customer to benefit from price fluctuations on the electricity exchange, for example, with a dynamic electricity tariff. The intelligent control system then schedules charging for time slots with a low price level where possible.

Of course, this planning also takes into account the customer's individual data and requirements – for example, the next planned departure time and the specified minimum charge level for this. This means that customers can always use their vehicle without restrictions; their mobility always takes top priority. Further Connected Home Charging functionalities and upgrades are set to follow in future vehicle models.

Plug & Charge Multi Contract: contactless authentication with access to multiple contracts.
The all-electric BMW iX2 is equipped to use the Plug & Charge Multi Contract function. This makes charging at compatible public charging stations even more straightforward, as digital authentication via app or charging card is no longer required to access them. Instead, the vehicle authenticates itself independently through a technical interface (ISO15118-2).

The Plug & Charge function's multi-contract option is a pioneering feature that is still unique on the market. Customers can digitally store up to five individual Plug & Charge-enabled vehicle electricity contracts from different suppliers in the vehicle. The authentication required for charging and billing takes place automatically at compatible charging points. When the vehicle is connected to the charging point, as well as electricity passing through the charging cable, the necessary contract data is also transmitted via a communication interface. This makes it very easy for users of electrified company vehicles to recharge with electricity from suppliers with whom their employer has agreed a separate charging contract, for example.

BMW Charging with fixed kWh prices for public charging.
The key benefit of the BMW Charging offering for public charging stations is the attractive kilowatt-hour prices offered for AC and DC charging in Europe under the Active tariff, which are set for each country and remain the same regardless of the charging infrastructure operator

or the price shown by the charging point operator. The high-power charging network run by the BMW Group's joint venture IONITY – which is universally compatible with the Plug & Charge functionality – also forms part of the BMW Charging network. The basic monthly fee for the BMW Charging Active tariff and the IONITY Plus package is waived for BMW iX2 drivers – as it is for all new electric vehicles from BMW – for the first twelve months following registration of their new vehicle.

BMW Charging ensures that every time customers charge their vehicle, they are supporting the use of renewable energies and will thereby help to reduce the in-use carbon footprint of vehicles. Beyond Europe, similar charging products optimised for local markets are also being devised worldwide. In Europe alone, BMW Charging provides access to more than 466,300 public charging points in 29 countries with just a one-off registration. In Germany, users are able to access over 87,000 charging points. BMW Charging ranks as one of the top providers with over 95 per cent coverage of the public charging network.

Sustainability in product design and manufacturing.

BMW Vehicle Footprint, responsible raw material extraction, carbon-neutral manufacturing, state-of-the-art BMW eDrive technology.

An extended TÜV-certified life cycle assessment is being carried out for the new BMW X2 and BMW iX2 and will be ready by the start of production in November 2023. As with the new BMW 5 Series Sedan, the model for which the new methodology was introduced under the name "Vehicle Footprint", it can be accessed here. The Vehicle Footprint analysis for the new BMW X2 and BMW iX2 contains detailed information on the raw materials used, production and the vehicle use phase, while also examining social aspects of the supply chain.

Fully electric BMW iX2 has an exemplary carbon footprint.
The global warming potential of the BMW iX2 xDrive30 throughout its life cycle is around 30 per cent lower (provisional figure) than that of the new BMW X2 sDrive20i with combustion engine when using the current EU electricity mix. If renewable power is used for charging, its life cycle global warming potential is around 60 per cent lower (provisional figure) than that of the BMW X2 sDrive20i with combustion engine.

Fifth-generation BMW eDrive technology sets new standards in terms of efficiency and conserving resources. The design principle of the electric motors avoids the need to use rare-earth metals, meaning that the BMW Group is not reliant on the availability of these critical raw materials. In addition, the BMW Group purchases the cobalt and lithium required for the high-voltage batteries itself and then supplies them to the firms who make the battery cells.

Use of secondary materials and renewable raw materials.
Among the sustainability goals set out by the BMW Group is the increased use of secondary raw materials in vehicle production. The company is pursuing the vision of a circular economy with the aim of keeping raw materials within a loop for as long as possible, thereby reducing the input of primary materials as well as the associated potentially environmentally harmful mining of raw materials and their often energy- and carbon-intensive processing.

Electricity from renewable resources for component and vehicle manufacture.
CO_2 emissions from vehicle production have been lowered by over 70 per cent since 2006. All plants in the BMW Group's international production network have been operating a net carbon-neutral policy since 2021.

The new BMW X2 will additionally benefit from the switch to cast aluminium wheels, which will be manufactured entirely using green electricity from 2024. This will apply to both the extremely energy-intensive electrolysis stage during aluminium manufacture and the process of casting the wheels. Wheels have hitherto accounted for some five per cent of the CO_2 emissions produced in the supply chain. This figure will be more than halved by the switch to more sustainable production using green electricity.

Sustainably produced Frozen paint finishes made from biomass.
The BMW Group is the first automotive manufacturer worldwide to use matt paints made from biomass instead of crude oil at its European plants. The Frozen paint finishes available for the new BMW X2 are also produced using this innovative process. Renewable raw materials such as bio-waste or waste from sewage treatment plants, which can replace the organic components of paint, serve as the starting material for these "biomass balance" paints. These sustainable paints are actually chemically identical to equivalents made using fossil raw materials and meet the same high quality standards that the BMW Group applies for all the materials it uses.

The use of sustainable paints made from bio-waste not only reduces consumption of fossil resources, but also avoids the CO_2 emissions associated with the extraction, transport and processing of crude oil.

Systematic reduction of CO_2 in the use phase.
All variants of the new BMW X2 come with the latest generation of an all-electric or combustion-engined drive system. They have been developed as part of an open-ended innovation process underpinned by BMW Efficient Dynamics which aims to make personal mobility more sustainable. The new BMW iX2 comes with an upgraded version of adaptive recuperation for increased efficiency and range. When combined with an anticipatory driving style, this adaptive recuperation function allows more than 90 per cent of all deceleration to be performed using brake energy regeneration alone, without any need to trouble the braking system. BMW Charging customers across Europe are able to recharge with carbon-neutral electricity.

All other models feature petrol or diesel units from the new BMW Group Efficient Dynamics engine family. The petrol engine in the BMW X2 sDrive20i model available from launch is combined with the latest 48V mild hybrid technology. Two diesel variants with mild hybrid technology are set to follow during the course of 2024. This technology has the effect of counter-balancing the additional fuel consumption brought by the new car's much more extensive standard specification, and actually more than cancels out the difference on some model variants. This is further helped by the intelligent lightweight design measures for the body and chassis of the new BMW X2 as well as its optimised aerodynamic properties. The flush-fitting door handles and aerodynamically optimised light-alloy wheels are two of the new features that serve to streamline airflow.

Digital technology is also used to boost efficiency on all model variants. The new Efficiency Trainer keeps the driver permanently informed of the driving state and energy flow as well as encouraging them to drive in the most efficient way possible. At the same time, the new My Modes provide a complete efficiency experience. The driver receives advice on throttle control for the situation at hand in both the information display and the optional BMW Head-Up Display. A power meter displays tips for accelerating, decelerating or driving at a constant speed efficiently. In the process, camera and navigation system data is also used to assist with anticipatory driving when approaching a junction, a built-up area or a change of speed limit. The driving style analysis provides an evaluation of acceleration behaviour and anticipatory use of the accelerator. The reward for efficiency-optimised driving is extra range.