



Press release  
03 January 2017

## **New BMW i3s traction control system for all future BMW and MINI models.**

**50-times faster responses for greater traction and driving stability in adverse road conditions and while brake energy recuperation.**

**Munich.** The BMW i3 sets standards worldwide for driving pleasure in a purely electrically-driven vehicle. Key factors here are not only the increased output of the motor in the new BMW i3s, but also the innovative traction control system adapted specifically to the instantaneous power deliver of the BMW eDrive system. Presented for the first time in the new BMW i3s (270 Nm at 0 rpm, 135 kW / 184 HP, power consumption combined in European NEFZ test-cycle\*: 14.3 kWh/100 km; CO<sub>2</sub> emissions combined: 0 g/km), the system improves traction and driving stability in adverse weather and road conditions when pulling away, in active Brake Energy Regeneration phases and when accelerating out of tight corners. At the heart of this innovation is the control system's 50-times-faster routine, made possible because – unlike conventional driving stability systems – the control process is now calculated directly in the powertrain instead of in a remote unit requiring long signal paths. This development provides further evidence of BMW i as a pioneer of innovative technology within the BMW Group.

“With their high levels of torque and instantaneous responses to every movement of the accelerator, electric motors already make significantly higher demands on driving stability systems than conventional power units,” explains Peter Langen, Head of Chassis Development at BMW.

That's why the BMW engineers developed a new type of system geared squarely to the demands of electric mobility.

The positive impact of these shorter control cycles is not reserved for purely electrically driven cars; indeed, this innovative traction control system also optimises traction, driving stability and driving dynamics in vehicles with combustion engines. It will therefore be fitted in BMW and MINI models with front-, rear- and all-wheel drive to deliver noticeably greater assurance and driving pleasure when road conditions make pulling away difficult.

**Company**  
Bayerische  
Motoren Werke  
Aktiengesellschaft

**Postal address**  
BMW AG  
80788 München

**Telephone**  
+49-89-382-72652

**Internet**  
[www.bmwgroup.com](http://www.bmwgroup.com)

### **About BMW i**

BMW i is a BMW Group brand focusing on visionary vehicle concepts,



# BMW i

## Corporate Communications

Press release

Date xx December 2017

Subject Innovative traction control in the new BMW i3 will soon also deliver even greater driving pleasure in BMW and MINI models.

Page 2

connected mobility services and a new understanding of premium strongly defined by sustainability. BMW i is represented in 54 countries with the BMW i3 electric car for urban areas, BMW i8 plug-in hybrid sports car and plug-in hybrid BMW iPerformance Automobiles.

BMW i opens up new target groups for the company and serves as an incubator for innovations. Technologies which have debuted successfully in BMW i cars are carried over to parent brand BMW's other models.

BMW i is also associated with enterprises including DriveNow (car sharing), ReachNow (car sharing 2.0), ChargeNow (easy access to the world's largest network of charging points), ParkNow (straightforward location, reservation and payment of parking spaces), venture capital company BMW i Ventures (investment in start-up companies with a focus on urban mobility), BMW Energy (energy optimisation services) and the Centre of Competence for Urban Mobility (consultancy for cities).

\* Further information on official fuel consumption figures, specific CO<sub>2</sub> emission values and the electric power consumption of new passenger cars is included in the following guideline: "Leitfaden über Kraftstoffverbrauch, die CO<sub>2</sub> emissions und den Stromverbrauch neuer Personenkraftwagen" (Guideline for fuel consumption, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1. 73760 Ostfildern-Schramhausen and at <http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>. LeitfadenCO<sub>2</sub> (GuidelineCO<sub>2</sub>) (PDF – 2.7 MB)

In the event of enquiries please contact:

Wieland Bruch,  
Media Relations Manager BMW i and Electric Mobility  
Telephone: +49-89-382-72652  
Email: [wieland.bruch@bmwgroup.com](mailto:wieland.bruch@bmwgroup.com)

Paloma Brunckhorst  
Media Relations Manager BMW i, BMW iPerformance  
Telephone: +49-89-382-22322  
Email: [Paloma.Brunckhorst@bmwgroup.com](mailto:Paloma.Brunckhorst@bmwgroup.com)

Internet: [www.press.bmwgroup.com](http://www.press.bmwgroup.com)

