

O₂ and Huawei to Start LTE Friendly User Trial in Munich and Ebersberg

Munich/Eschborn, 16 December 2010 – The telecommunications companies Telefónica O₂ Germany, Huawei and other partners announced today that they have started the first Friendly User Trials for LTE in Munich and Ebersberg. Huawei provides both infrastructure and devices for the pilot project, e.g. the LTE USB Stick Huawei E398, and supports the network operator in eliminating so-called White Spots with the help of the 4G mobile standard, delivering Broadband Internet services in rural areas.

As part of this trial, several hundred users can experience the benefits of the LTE pilot network. For this trial, Huawei offers two devices for the different spectrum bands: the multimode LTE-USB-Stick Huawei E398 enables data transfer via the die 2.6 GHz spectrum band. Apart from LTE, the stick also supports access to HSPA, HSPA+, EDGE and GPRS networks. In the LTE network, the stick allows for speeds of up to 100Mbit/s in the downlink and 50Mbit/s in the uplink.

For data communications in the 800 MHz spectrum band, Huawei has developed the stationary LTE router Huawei B390 DD800. The device also serves as a WLAN router and enables data communications via Fast Ethernet. It can connect up to 32 users via WLAN and up to four users via the LAN ports in the back of the device. It supports LTE 3GPP Release 8 and enables speeds of up to 50Mbit/s in the downlink and 25Mbit/s in the uplink in the 4G network.

For the trial phase, Huawei initially provides infrastructure for 18 sites, 15 of which are in Munich. These sites enable speeds of up to 100 Mbit/s, five times higher compared to the existing HSPA+ network, which has been deployed as a pilot project in the area a year ago. In the three sites in Ebersberg, Huawei uses the spectrum band of the so called Digital Dividend (800 MHz). Due to the increase in capacity, users in rural areas will be able to access mobile broadband services for the first time. Combined with lower latency, customers can experience the benefits of Broadband Internet: with LTE, large amounts of

data, e.g. for HD video, can be transmitted via mobile networks without buffer. Reduced ping times enable fast response times, which is essential for online gaming.

“With our future-oriented LTE solutions and devices, we support our customers in providing Broadband Internet in rural areas and to eliminate White Spots quickly and economically,” commented Walter Haas, CTO at Huawei Germany.

Telefónica O₂ Germany GmbH & Co. OHG belongs to Telefónica Europe and is part of the Spanish telecommunication group Telefónica S.A. The Company offers its German private and business customers postpaid and prepaid mobile telecom products as well as innovative mobile data services based on the GPRS and UMTS technologies. In addition, the integrated communications provider also offers DSL fixed network telephony and high-speed internet. Telefónica Europe has about 55 million mobile and fixed network customers in Great Britain, Ireland, the Czech Republic, Slovakia and Germany.

About Huawei

Huawei is a leading telecoms solutions provider serving 45 of the world's top 50 telecom operators. Huawei's products and solutions have been deployed in over 100 countries and support the communications needs of one third of the world's population. The company is committed to providing innovative and customized products, services and solutions to create long-term value and growth potential for its customers.

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