

Digital Single Market

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EU research breakthrough will cut 4G / LTE mobile network energy use in half

The EU-funded project EARTH has received the 2012 "Future Internet Award" prize for developing unprecedented energy efficiency solutions for wireless communication networks. Researchers from companies such as Alcatel-Lucent, Ericsson, Telecom Italia, DOCOMO, and from universities in Belgium, France, Finland, Germany, Hungary, Italy, Portugal, Spain, Sweden and UK, have optimised the energy use of 4G/LTE (Long-Term Evolution) base stations, which account for the highest energy consumption in the mobile network.

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