



Evolution to LTE Report

Extract: full report at www.gsacom.com

Global mobile Suppliers Association

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GSM/3G MARKET/TECHNOLOGY UPDATE

LTE TDD: summary of network plans, commitments, trials, deployments

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Global TD-LTE Initiative launched at MWC 2011

The Global TD-LTE Initiative (GTI) was launched at MWC 2011. Founding members were China Mobile, Bharti Airtel, Softbank Mobile, Vodafone, Clearwire, Aero2 and E-Plus. The initiative aims to bring together leading industry partners to steer the TD-LTE ecosystem as a major standard in mobile broadband technology & drive the development of next generation mobile broadband networks.

Ireland	LTE TDD testing was completed June 2010
Japan	Softbank Mobile is considering LTE TDD in the 2.6 GHz spectrum it owns and has joined the Global TD-LTE Initiative
Malaysia	WiMAX™ operator Packet Networks (P1) is planning to deploy LTE TDD on existing sites as an overlay network.
	WiMAX™ operator Asiaspace is planning deployment of 2.3 GHz LTE TDD
Oman	Omantel showcased LTE TDD during the Salalah Tourism Festival in July 2010 and at Comex 2011, and had become the first Arab network to join the Global TD-LTE Initiative
Poland	Aero2 is testing and deploying LTE TDD in 2.6 GHz in Aleksandrów Łódzki and Łódź; commercial launch is planned in 2011. Aero2 has joined the Global TD-LTE Initiative
Russia	WiMAX™ operator Yota is deploying LTE
	Rostelecom plans to conduct LTE TDD trials in 2.3 - 2.4 GHz spectrum
Saudi Arabia	Commercial LTE TDD networks are launched by Etisalat and STC
Sweden	3 acquired 2.6 GHz TDD spectrum and is deploying a combined LTE FDD/TDD network
Taiwan	CHT has also completed LTE tests on the high-speed rail system using TDD and FDD modes in 2.6GHz spectrum
	FarEasTone and China Mobile are co- operating on an LTE TDD trial in Taipei
	The National Chiao Tung University conducted a trial of LTE TDD in 2010
	WiMAX operator Global Mobile Corp will seek approval to allow a switch to LTE TDD once WiMAX coverage hits 70% of the population
USA	Clearwire requested 3GPP to standardize LTE TDD for operation in the band 2496 – 2690 MHz and in August 2011 announced plans to deploy LTE TDD in this band as an overlay to its existing network.
	Clearwire is a member of the Global TD-LTE Initiative

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