Press Release
Amsterdam, The Netherlands – June 4, 2010

Innovator wins award for exceptional contribution to LTE

Mr. Antti Toskala of Nokia Siemens Networks has been recognized as an outstanding driving force to make LTE* a commercial reality. At the 2010 LTE Awards ceremony in Amsterdam, Toskala was honoured with the 'Award for individual contribution to LTE development'.

The award was presented May 18, 2010, during the LTE World Summit 2010. Toskala leads Nokia Siemens Networks' standardization team and has made major contributions to the development of the 3GPP LTE standardization process. He has also been highly active in spreading LTE expertise both within Nokia Siemens Networks and throughout the industry.

"This is a huge honor for me," said Toskala. "It has been a privilege to work on leading mobile communications technology, especially in an organization like Nokia Siemens Networks that is totally committed to encouraging knowledge-sharing to foster a global ecosystem that benefits our customers and the society at large. I also thank my colleagues in the standardization and research teams for their commitment and support over the years."

Toskala has been involved in 3GPP standardization development for LTE since its inception, and also actively contributed to the LTE multiple access selection in 2005. He also regularly lectures on LTE at conferences and technology training events, and open courses in cooperation with educational institutions such as the University of Oxford.

Toskala and his Nokia Siemens Networks' colleague Harri Holma co-authored and edited the book 'LTE for UMTS' in spring 2009, which has been widely recognized for its in-depth examination on the expected performance of LTE, providing realistic market expectations to back-up operators' investment plans.

About Nokia Siemens Networks

Nokia Siemens Networks is a leading global enabler of telecommunications services. With its focus on innovation and sustainability, the company provides a complete portfolio of mobile, fixed and converged network technology, as well as professional services including consultancy and systems integration, deployment, maintenance and managed services. It is one of the largest telecommunications hardware, software and professional services companies in the world. Operating in 150 countries, its headquarters are in Espoo, Finland. www.nokiasiemensnetworks.com

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Note to Editors:
*Long Term Evolution (LTE) is the next-generation mobile broadband technology and the evolutionary step from GSM, WCDMA/HSPA/HSPA+, TD-SCDMA, CDMA and WiMAX networks. It promises the delivery of broadband and smart device services thanks to increased data rates, reduced latency and a scalable flat all-IP network architecture. Nokia Siemens Networks is the frontrunner in LTE, being the first to make an LTE call using commercial hardware and standards-compliant software in September 2009.

Nokia Siemens Networks provides a complete end-to-end solution for both LTE modes (FDD and TDD) comprising its award-winning, software upgradable Flexi Multiradio Base Station and its core network solution including Flexi NS and Flexi NG.The company has already been selected by 12 operators for commercial LTE deployment and is currently running LTE trials and pilots with over 25 operators across the globe. Nokia Siemens Networks is at the forefront of TD-LTE development and commercialization, actively working with telecom operators and device manufacturers alike towards cohesive development of the technology.
Nokia Siemens Networks has a long track record in demonstrating its technological leadership in LTE:

- November 2006 Nokia Siemens Networks conducted the world's first LTE demo with a handover to HSPA at the ITU World Congress in Hong Kong
- September 2008 Nokia Siemens Networks shipped the industry's first LTE base station hardware to customers.
- November 2008 Nokia Siemens Networks conducted the world's first demonstration of LTE-Advanced Relaying technology.
- September 2009 Nokia Siemens Networks made the world's first LTE call using a commercial base station and fully standards-compliant software (3GPP Rel 8 March 09 baseline).
- September 2009 Nokia Siemens Networks conducted with China Mobile the world's first TD-LTE femtocell demonstration
- October 2009 Nokia Siemens Networks conducted the world's first TD-LTE call using its Flexi Multiradio base station and fully standards-compliant software (3GPP Rel 8 March 09 baseline).
- October 2009 Nokia Siemens Networks conducts end-to-end LTE interoperability testing with four leading device vendors across several frequency bands.
- November 2009 Nokia Siemens Networks is a founding member of the One Voice initiative providing a blueprint for the early deployment of IMS-based Voice over LTE service. The company's Fast Track approach is fully compliant with One Voice.
- December 2009 Nokia Siemens Networks rings up another first in LTE with 3GPP standardized voice over LTE calls. Successful IMS-compliant voice calls and SMS messaging using standardized LTE equipment marks an important step towards commercial voice over LTE deployments.
- March 2010 World's first call between different VoLTE clients showcased at CTIA 2010. Nokia Siemens Networks demonstrates standards-based Voice over LTE (VoLTE) interoperability using two different clients running on Samsung LTE devices

- April 2010 Nokia Siemens Networks sets up industry's first TD-LTE Open Lab. Provides smart phone and terminal testing facility to accelerate TD-LTE ecosystem
- April 2010 TD-LTE ecosystem reaches maturity with landmark data call. Samsung and Nokia Siemens Networks collaborate on world's first end-to-end TD-LTE data call
- May 2010 China Mobile, National Chiao Tung University and Nokia Siemens Networks collaborate to conduct first live TD-LTE video call between two separate networks

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