GreenTouch News Briefing – February 1, 2011

Gee Rittenhouse
Chairman of GreenTouch
Vice President of Bell Labs Research, Alcatel-Lucent

Gee Rittenhouse is Chairman of the Board of the GreenTouch™ Consortium, a global research initiative dedicated to dramatically improving the energy efficiency of information and communications technology (ICT) networks. As Vice President of Bell Labs Research, he oversees all of Alcatel-Lucent's research in physics, computer science, mathematics, optics, access, networking and applications.

Prior to leading research, Rittenhouse was Vice President of Bell Labs' Technology Integration Group, with the primary mission of taking Bell Labs' innovations and driving them into Alcatel-Lucent's products and services. Previously, he was Vice President, Bell Labs Wireless Research.

Rittenhouse joined Bell Laboratories as a member of technical staff in 1993 where he worked on high-speed circuits using X-ray lithography for optical networking applications. Rittenhouse later joined the Wireless Research Laboratory at Bell Laboratories where his research focused on RF front-end radio architectures and cellular system engineering. In 2000, Rittenhouse was promoted to Director of the Wireless Technology Research Department and led several projects, including MIMO system development, cellular network optimization, wireless IP networks and fourth-generation wireless systems. He received the Bell Labs Fellow Award in 2002, and also has numerous publications and patents in the areas of communications and circuits.

Rittenhouse received his Bachelor of Science degree in physics from the University of California, Los Angeles, and he received his Ph.D. degree in Electrical Engineering and Computer Science from the Massachusetts Institute of Technology.

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Luis Neves
Chairman of Global eSustainability Initiative (GeSI)
Vice President of Corporate Responsibility, Deutsche Telekom

Luis Neves has twice been elected Chairman of the Global eSustainability Initiative (GeSI), an organization formed in 2001 to further sustainable development in the ICT sector, and has led its efforts since March 2006.

He is credited with widely promoting the role of ICT in relation to climate change, and known as the driving force behind GeSI's 2008 study, "SMART 2020 – Enabling the Low Carbon Economy in the Information Age." Additionally, he is a member of the ETNO Sustainable Working Group, plus a member of numerous advisory boards and high-level committees.

Neves is the Vice President of Corporate Responsibility at Deutsche Telekom, a position he has held since 2008. He joined the company in 2004 as Senior Manager in the Corporate Sustainability and Citizenship Department. In May 2008, Neves was appointed Head of Sustainable Development and Environment at Deutsche Telekom Corporate Responsibility, and was named to his current position in December of that year.

Earlier in his career he worked for more than 25 years for Marconi (today Portugal Telecom).

Neves finished his University degree in History, and later studied law for two years.

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Claude Monney
GreenTouch Executive Board Member
Senior Consultant, Swisscom

Claude Monney is a senior consultant for energy efficiency and electromagnetic compatibility (EMC) aspects at Swisscom. He has extensive experience in a number of innovative projects and information and communication technologies.

Monney joined Swisscom in 1995, where he was responsible for solving EMC disturbances in wire-line networks. In 2001, he became responsible for innovation in the fields of EMC, non-ionizing radiation and environment at the company.

Earlier in his career Monney worked with an EMC consultancy organization.

He has published several technical papers, and is also an active member of the ITU-T study group, "Environment and Climate Change."

Monney graduated with a M.Sc. in electrical engineering from the Swiss Polytechnic School in Lausanne, and completed an MBA from the International Institute of Management in Technology (IIMT) established by the University of Fribourg.

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Rod Tucker
GreenTouch Executive Board Member
Laureate Professor, University of Melbourne

Rod Tucker is a Laureate Professor at the University of Melbourne and Director of the University of Melbourne's multidisciplinary Institute for a Broadband-Enabled Society (IBES). He is also Director of the Centre for Energy-Efficient Telecommunications (CEET).

Tucker currently leads R&D teams working on technologies and deployment strategies for extended-reach passive optical networks for rural and remote areas, and on energy and environmental issues associated with broadband access. He served as a member of the Australian Federal Government's Panel of Experts tasked with evaluating proposals for Australia's National Broadband Network.

Previous to jointing the University of Melbourne, Tucker held positions at the University of Queensland, the University of California, Berkeley, Cornell University, Plessey Research, AT&T Bell Laboratories, Hewlett Packard Laboratories and Agilent Technologies.

He is a Fellow of the Australian Academy of Science, the Australian Academy of Technological Sciences and Engineering and the IEEE. Tucker was awarded the Australia Prize in 1997 for his contributions to telecommunications.

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Gregory Wright
Member of Technical Staff, Bell Labs

Gregory Wright's professional training is in radio astronomy. Upon graduation, he joined Bell Labs where he worked for a number of years on a variety of wireless technology efforts, including adaptive antennas and ultra low power radios.

Wright left Bell Labs in 2001 to become chief technology officer of a network test equipment company, and in 2003 he was a founder of Antiope Associates, a radio technology design consultancy.

He recently rejoined Bell Labs as Member of Technical Staff, where he works on energy efficient wireless systems.

Wright received his undergraduate degree from Harvard University and his Ph.D. from Princeton University, both in physics.

About GreenTouch

GreenTouch is a global consortium of leading service providers, academic and industrial research institutions and non-governmental organizations working together to define the challenges, identify the trends and issues and develop solutions that will achieve the goal of delivering within five years the architecture, specifications, roadmap and demonstrations of key components needed to increase the energy efficiency of ICT networks – in particular, the service provider networks that make up the Internet – by a factor of 1,000 from current levels.

In June 2010, GreenTouch received an award for energy efficiency innovation at the Global Telecoms Business Innovation Awards event. For more information, go to www.greentouch.org.

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