### Alex Sinclair

**GSMA, Chief Technology Officer**

Alex Sinclair has served as the Chief Technology Officer of the GSMA since 2005. In this role, Alex is responsible for driving the technology direction of the GSMA and working with its membership to execute key technology initiatives.

With more than 25 years’ experience in telecommunications in general and mobile in particular, Alex has worked for a number of companies in the UK, Germany and the US. In the early 1990s, he was part of the project team that launched the T-Mobile D1 network in Germany.

In 1995, Alex helped Syniverse to launch their GSM clearing house business. Prior to joining the GSMA, Alex was Director of Network Engineering at ICO, a global satellite venture. Alex holds a Bachelors Degree in Electrical and Electronic Engineering from the University of Bristol.

### Erik Ekudden

**Ericsson, Vice President, Head of Technology Strategies**

Erik Ekudden is Vice President, and Head of Technology Strategies, for the Ericsson group. Since 2005, he has been responsible for Ericsson’s technology strategies and industry activities. He is based in San Jose, USA.

Prior to assuming his current position, Mr. Ekudden held various positions within research and development in Ericsson, including research area director and vice president of standardization. He joined Ericsson in 1993, working on GSM and 3G.

He holds a Master of Science degree in Electrical Engineering from the Royal Institute of Technology in Stockholm, Sweden.

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Ericsson is the world’s leading provider of technology and services to telecom operators. Ericsson is the leader in 2G, 3G and 4G mobile technologies, and provides support for networks with over 2 billion subscribers and has the leading position in managed services. The company’s portfolio comprises mobile and fixed network infrastructure, telecom services, software, broadband and multimedia solutions for operators, enterprises and the media industry.
Network 2020 Seminar
Meeting the growing demands and complexity of IP-based services

25th February 2014

Dongmyun Lee is currently the head of the Institute of Convergence Technology in KT. He joined KT in 1991 and has worked on the networking areas including ATM, broadband network management, CDN, and enterprise total service businesses until 2002.

After leading the technology strategy team during 2003~4, he has been in charge of BcN (Broadband Convergence Network) group in KT until 2007. During 2008~2010, he led the development of next generation residential and enterprise services. Starting from 2011, he has been in charge of the technology strategy group and leading the network innovation initiative in KT.

He received the B.S. degree in Electrical Engineering from the Seoul National University in 1985 and the M.S. & Ph.D. degrees in Electrical Engineering from the Korea Advanced Institute of Science and Technology in 1987 and 1991, respectively. His main research areas were real-time distributed operating system and parallel computing.

Hossein Moini
Nokia Solutions and Networks, Executive Vice President, Technology and Innovation, Executive Board Member

Hossein is responsible for setting corporate strategy and guiding the technology direction of Nokia Solutions and Networks by providing long-term views on network architecture and its evolution. Member of the executive board at Nokia Solutions and Networks joined Nokia Siemens Networks in 2010.

Hossein has over 25 years of international experience in the Information Technology and telecommunications industries with proven expertise in driving technology strategy and architecture to ensure growth and profitability. He is known to have an in-depth understanding of the business context of the ICT sector, bringing a high level of customer focus and innovation to Nokia Solutions and Networks.

Hossein joined Nokia Siemens Networks from British Telecom in 2010. During his extensive career, he has worked in several leading companies in leadership roles in Europe, Asia and the United States. As an active consultant, Hossein has been a Board Member of several technology startup companies. Furthermore, he has served as an investment or strategy advisor in leading firms across the globe.

Hossein holds a Ph.D, Master of Science, and Bachelor of Science degrees in Electrical and Computer Engineering from the University of California, Santa Barbara. He was born in 1964 in Tehran, Iran, and holds both Italian and Iranian citizenship. He has two sons. In his spare time, he enjoys skiing, reading, watching films and spending time with his family.
Philippe Lucas is Senior Vice President, Standardisation & Ecosystems Development at Orange. Philippe holds the challenging task of ensuring the standardisations work carried out with industry bodies is accurately deployed and executed throughout the Group’s territories’, and aligned to the each market’s commercial strategy, marketing and technical development.

Philippe is also the Vice Chair of the Board of the European Telecommunication Standard Institute, a member of the Executive Management Committee of the GSM Association, President of the Standardisation Commission of the French Federation of Telecommunication and member of the Board of the French Association of Standardisation (AFNOR).

Philippe’s expertise working in the GSM, 3G & 4G standardisation bodies in GSMA / 3GPP / OMA / ETSI spans over 20 years. These responsibilities include the successful application for over 20 patents in the cellular domain, the most recent of which involving innovations developed in the areas of HD Voice services, MMS, RCS services, VoLTE as well as SIM standards.

Julio Linares is Vicepresident of the Board of Directors of Telefónica, S.A, and member of the Boards of Telefónica Europe, Telefónica Latinoamérica and Telefónica Digital.

He is also a member of the Board and the Executive Committee of the GSM Association and Chairman of its Strategy Committee. He is a Patron of the Mobile World Capital Foundation. He is member of the Board of APD (Association for Management Progress), and the Social Council of the Complutense University of Madrid. He is also a member of the Patronate of Fundación Telefónica.

He was Chief Operating Officer of Telefónica since December 2007 till September 2012 and previously Managing Director for Coordination, Business Development and Synergies, for Telefónica Group since 2005.

He was CEO of Telefónica de España, the domestic wireline business since January 2000, and Chairman of the Supervisory Board of Cesky Telecom since 2005 till 2007.

In 1997 he was CEO of Telefónica Multimedia and Charman of Telefónica Cable and Producciones Multitemáticas, the multimedia business of Telefónica.

Previously was General Manager of Marketing and Services Development, General Manager of Research and Development and Director or Technology within Telefónica.

He is telecommunications engineer and joined Telefonica R&D Center in May 1970.
Frank Rosenberger (born in 1968) has been Director Consumer Products and Services since July 1, 2011. Key focus areas are the development of new business opportunities like m-commerce (NFC/GPM based payment solutions), the introduction of next generation IP based text and voice services (RCS) as well as cloud and security solutions. He is also developing big data solutions for traffic or network management.

On 1 August 2008 he was appointed as CCO Consumer Business at Vodafone GmbH, Germany. Until 2011 he managed the integration of the sales and marketing teams of Arcor, launched LTE first in the German market and across Vodafone footprint as well as achieved the market leadership position in mobile in Germany.

In 2006, he took up the position of Chief Marketing Officer at Vodafone GmbH, Germany. Key deliverables had been the launch of UMTS and integrated offers of data, voice and text. He introduced as a Vodafone first NPS for touchpoints and as a benchmark. Other key marketing and sales innovations had been the start of Online sales as well as the first launch of a no-frills offer in Germany.

Prior to that, between 2004 and 2006, he was Senior Director Strategy & Capability Development at Vodafone GmbH, Germany. His main focus was the development of a value based demand management to align strategy and execution to prepare as well as the set-up of a fixed business.


After graduating from the Technical University of Darmstadt and the University of Helsinki with a degree in industrial engineering and management, Frank Rosenberger joined Mannesmann Mobilfunk in 1994.

He played a key role in the launch of the text messaging service and the prepaid offers.
Meeting the growing demands and complexity of IP-based services

Graham Trickey
GSMA, Senior Director, Future Communications

Graham is a Senior Director for the GSMA, responsible for one of the largest GSMA programmes in 2013 – Future Communications. This programme includes IP based services (VoLTE and RCS) and the Interconnect for operator IP services.

His focus is on enabling operators to migrate to an All-IP network and to provide operator services for voice, messaging and video which are ubiquitously available and globally interoperable. This includes a focus on VoLTE and on RCS (this is a service providing chat, file transfer and video share capabilities based around the address book in a device and includes a full discovery mechanism to ensure that and end to end service is achievable).

Graham has been working for the GSMA for 12 years, and prior to this worked for the Motorola GSM Division for 8 years in various Marketing positions before becoming Director of End-to-End Solutions and was responsible for developing an ecosystem of partners working with Motorola to provide End to End Solutions, Previous to this, Graham spent more than 15 years in the semiconductor business, working in product management and marketing management positions for major names like Inmos, ST Microelectronics, Texas Instruments and Intel.

Henry Calvert
GSMA, Senior Director, Head of Network 2020

Henry joined the GSMA in December 2013, and will be responsible for the delivery of the Network 2020 programme, a key pillar of the GSMA’s strategic focus.

He was recently part of the SingTel Group and has over 20 years’ experience in the telecommunications sector, both in Networks and IT portfolios and has been involved in the deployment of mobile networks in over 10 operations across 10 different countries. Henry designed and built Optus’ 3G + LTE mobile network, all IP network and managed the product development transformation. He is the creator and board member of the network sharing Joint Venture between Optus and Vodafone Networks Pty Ltd (Australia).

Henry has represented SingTel Optus as a board member and Chair of the Australian Mobile Telecommunications Association (AMTA) and previously held an Executive Management Committee position in the GSMA, representing the SingTel Group's interest.

He has recently moved back to England with his wife and two children after 15 years working across the southern hemisphere. He has a lifelong passion for coaching and supporting Rugby Union.