



BALTIC SEA REGION

5G ECOSYSTEM FORUM

RIGA, LATVIA | September 27 – 28, 2018

Baltic Sea region's 5G response to Silicon Valley and Asia!

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Provisional Program

Forum Day 1 | SEPTEMBER 27

8:00 – 9:00	Registration
9:00 – 9:05	Opening Ceremony
9:05 – 9:10	<p>Welcome Address and Setting the Scene of Day 1</p> <p>Māris Kučinskis, the Prime Minister of the Republic of Latvia</p>

9:10 – 11:15	<p style="text-align: center;">Plenary Session</p> <p style="text-align: center;">SESSION 1 GENERAL FRAMEWORK</p> <p>Introductory remarks by Roberto Viola, Director-General for Communications Networks, Content and Technology, European Commission</p> <p>ABSTRACT: Mobile industry enters the 5G era. There is a need for pro-investment, pro-innovation policies and modernized regulatory regimes. Streamlined regulation and further policy developments is the key to realize the full potential of 5G technologies for community, businesses, and consumers.</p> <p>This session will bring together European policymakers, global and regional business leaders, and heads of international organizations:</p> <ul style="list-style-type: none"> to review current initiatives promoting the deployment of 5G at global and European level and to understand how far the Baltic Sea region is involved; to discuss the areas where governments, regulators and the mobile industry should cooperate to make 5G a success. <p>MODERATOR:</p> <ul style="list-style-type: none"> Jaroslav Ponder, Head of the ITU Office for Europe <p>PART 1 09:10 – 10:10</p> <p>Preliminary topics:</p> <ul style="list-style-type: none"> Digital Single Market strategy for turning Europe into a Gigabit Society by 2025, and progress of the 5G Action Plan; Implication of the newly adopted European Electronic Communications Code on 5G deployment in Europe; Comparison of current readiness for 5G deployment in Europe, Asia and the USA <p>PANELISTS:</p> <ul style="list-style-type: none"> Roberto Viola, Director-General for Communications Networks, Content and Technology, European Commission Anne Berner, Minister of Transport and Communications, Finland Steve Mollenkopf, CEO, Qualcomm Incorporated
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	<p>PART 2 10:15 – 11:15</p> <p>Preliminary topics:</p> <ul style="list-style-type: none"> • Spectrum harmonization for supporting the development of a new 5G ecosystem and the deployment of the most advanced wireless/mobile infrastructure; • Progress on a timely availability of the initial global 5G standards; • Lessons to be learnt from the first 5G network pre-commercial demonstrations, trials and pilot projects, including possible cross-border cooperation; • The major differences between 4G and 5G looking from the infrastructure and service delivery aspects <p>PANELISTS:</p> <ul style="list-style-type: none"> • Jonas Wessel, Chairman, Radio Spectrum Policy Group (RSPG) • Adrian Scrase, Head of Mobile Competence Centre, The 3rd Generation Partnership Project (3GPP) / CTO, European Telecommunications Standards Institute (ETSI) • Peter Karlstromer, Senior Vice-President, Cisco • Gabriela Styf Sjöman, Vice President & Acting Head of Global Services and Operations, Telia Company AB 	
11:15 – 11:45	Coffee break	<i>Parallel session</i> <i>"Meet the 5G Technology"</i> <i>(Expo concept)</i>

11:45 – 13:30	<p style="text-align: center;">Plenary Session</p> <p style="text-align: center;">SESSION 2 INNOVATION AND FUNDING</p> <p>ABSTRACT: Timely deployment of 5G is a strategic opportunity for Europe where very high-capacity 5G networks will be a key asset for Europe to compete in the global market. Private firms will need to invest €500 billion to expand fast internet around the EU by 2025. Besides, for driving 5G ecosystem and fostering a new wave of start-ups and innovation around 5G technologies, there is a demand for pan-European 5G trials and EU funding instruments.</p> <p>MODERATOR: Andy Hudson, Head of Policy, GSMA</p> <p>PANELISTS:</p> <ul style="list-style-type: none"> • Jürgen Rigterink, First Vice President, European Bank for Reconstruction and Development (EBRD) • A keynote speaker from the European Investment Bank to be announced • Dr. Colin Willcock, Chairman of the Board, 5G Infrastructure Association (5G IA) • Thomas Wiegand, Executive Director, Fraunhofer HH • Pekka Soini, CEO and Director General, The Finnish Funding Agency for Technology and Innovation • Dr. Alexander Lautz, Senior Vice President 5G, Deutsche Telekom AG <p>Preliminary topics:</p> <ul style="list-style-type: none"> • Overview of the research and technology driving 5G (radio, applications and also other aspects like Machine Learning for 5G); • Are mobile operators ready for huge investments in the 5G network infrastructure? • The role of start-ups in fostering 5G development; 	<i>"Meet the 5G Technology"</i>
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	<ul style="list-style-type: none"> • The latest pilot projects and experiments in the run-up to 5G through a Public-Private-Partnership. • Availability of existing EU funding instruments for advanced 5G network infrastructure and digital start-up actions and a new EU financial framework for 5G funding after 2020. 	
13:30 – 14:15	Lunch	

		Parallel thematic Working Sessions			<i>"Meet the 5G Technology"</i>
		Smart City	Smart Mobility	Smart Healthcare	
14:15 – 15:45	<p style="text-align: center;">Provisional themes</p> <ul style="list-style-type: none"> • Cities and regions of tomorrow: drivers of a better future? • What strategies can our communities use to procure and maintain new smart infrastructure? 	<p style="text-align: center;">Provisional themes</p> <ul style="list-style-type: none"> • Smooth introduction of a new era in mobility • Building the connected car ecosystem in Europe: <ul style="list-style-type: none"> ○ How 5G will influence automotive industry, transport infrastructure and driving? ○ Policy, planning and investment decision-making for building the connected car ecosystem in Europe. 	<p style="text-align: center;">Provisional themes</p> <ul style="list-style-type: none"> • The future of healthcare systems: catching up with patients' expectations • Telemedicine and its development perspectives in the Baltic Sea region - the first real experience with telemedicine devices and daily monitoring. 		
15:45 – 16:00	Coffee break				
16:00 – 17:30	<ul style="list-style-type: none"> • Case study: Smart City as an innovation engine • What does it take to build a Smart City: completely new challenge for municipalities? <ul style="list-style-type: none"> ○ Smart City development stages ○ The role of city government in building smart infrastructure ○ Technologies that redefine a Smart City ○ Financing a smart future city 	<ul style="list-style-type: none"> • Case study: Customer centric transport solutions: latest insights of the market • Wireless communications for vehicle safety and automated driving 	<ul style="list-style-type: none"> • Case study: shifting focus from treatment to prevention. How can 5G help with this? • How 5G and IoT innovation can support aging society? 		
17:45-19:00	<p style="text-align: center;">INSPIRATIONAL TALKS</p> <p style="text-align: center; color: #008080;">"Future of the Car" with Steve Mollenkopf, CEO, Qualcomm</p>				
19:30 -	Social Event				

8:00 –	Registration	
9:00 – 9:15	Setting the Scene of Day 2 Keynote presentation by Anne Lise Kjaer - a renowned global futurist, entrepreneur and founder of Kjaer Global Ltd.	
9:15 – 11:15	<p style="text-align: center;">Plenary Session</p> <p style="text-align: center;">SESSION 3 5G AS A GLOBAL GAME CHANGER IN MULTIPLE SECTORS & POSSIBLE 5G BUSINESS MODELS</p> <p>Introductory remarks by Andrus Ansip, Vice President of the European Commission, European Commissioner for Digital Single Market</p> <p>ABSTRACT: The business case for 5G is not just about the technology. 5G is a trigger for the next wave of digital transformation in industry and society. It will lead us to new business models and innovation in service provision. 5G will be the first network with multiple use cases, serving multiple needs. How the EU Digital Single Market policy can facilitate this process?</p> <p>MODERATOR: <i>awaiting final confirmation</i></p> <p>PANELISTS:</p> <ul style="list-style-type: none"> • Andrus Ansip , Vice President of the European Commission, European Commissioner for Digital Single Market • Rene Tammist, Minister of Entrepreneurship and Information Technology, Estonia • Johannes Springer, Director-General, 5G Automotive Association (5GAA) / Head of 5G Automotive Program, Deutsche Telekom AG • Markus Borchert, Senior Vice President for the Europe Market and President of Digital Europe, NOKIA Corporation • Dr. Tim Jaeger, Global Head, Diagnostics Information Solution (DIS), F.Hoffman, La Roche AG • Yang Chaobin, President of 5G Product Line, Huawei Technologies • Juris Binde, President and Chairman of the Management Board, Latvian Mobile Telephone (LMT) SIA <p>This session will focus on:</p> <ul style="list-style-type: none"> • How EU Digital Single Market policy can accelerate the transition from 5G vision to real business in such verticals as smart transport, smart city, smart health and Industry 4.0? • New and innovative use cases for 5G in order to help identify new revenue streams and business models for all parts of the supply chain; • Building a Smart City with 5G - a completely new challenge for municipalities? • How will 5G influence automotive industry and transport infrastructure? • Readiness for digital health revolution and how to determine it. 	
11:15 – 11:45	Coffee break	

"Meet the 5G Technology"

		Parallel thematic Working Sessions			
		Smart City	Smart Mobility	Smart Healthcare	
11:45 – 13:45		Provisional themes <ul style="list-style-type: none"> • Enabling Smart Cities with IoT and Industry 4.0: <ul style="list-style-type: none"> ○ Industry 4.0 as a part of Smart City ○ The IoT opportunity 	Provisional themes <ul style="list-style-type: none"> • How 5G will influence various transport systems and its infrastructure? <ul style="list-style-type: none"> ○ How can 5G and IoT enhance port operations? ○ Current and future connectivity needs at airports ○ Are drones a prospect for the logistics sector? 	Provisional themes <ul style="list-style-type: none"> • The future of health and medicine: where can technology take us? What hospitals and healthcare service providers should know? • What are the major issues to be addressed to perform better in healthcare services today? How to work differently and more efficiently using the 5G technologies? • From Big Data and Artificial Intelligence to precision medicine 	
13:45 – 14:30		Lunch			
14:30		Closure of the Forum			