



## **Euro-5g – Supporting the European 5G Initiative**

### **D1.2: Intermediate report on dedicated high-level stakeholders workshops and events**

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#### *Abstract*

Deliverable 1.2 presents an intermediate report of the activities performed by Euro-5G to support 5G PPP's organisation and participation in high level events and meetings with the involvement of top officials from institutions and CEOs or CTOs of major global technology companies. It covers the period from July 1, 2015 to June 30, 2016 (M12). This document is not meant to describe the other numerous 5G PPP's events and meetings supported by Euro-5G as these initiatives are already presented in other Deliverables.

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## Executive Summary

This intermediate report focuses on Euro-5G's essential role in organising meetings and events with high-level representatives of institutions and technology companies. In particular, during the subject period:

- activities carried out at the ICT 2015 Conference in Lisbon in October 2015 (i.e. the “*High-level 5G Workshop between regional initiatives and government agencies*”, the launch of a Multilateral Memorandum of Understanding for the organisation of Global 5G Events and
- the “*5G PPP Media and Analyst briefing on the role of 5G for vertical industries*” during the Mobile World Congress 2016 in Barcelona in February 2016

Finally, the report highlights the importance of the 2<sup>nd</sup> Global 5G Event that will take place in November 2016 in Rome. Being the host of the event, the 5G PPP will be under the spotlight and the ongoing work to organise the conference and exhibition during the event is certainly a major priority for the Euro-5G consortium.

**The scope of this deliverable has changed** from what was originally envisaged in the DoW. Originally it was planned, between the EU Commission and 5G Infrastructure Association, to organise bi-annually high-level meeting between representatives of Association members and Commissioner Oettinger on 5G and 5G PPP topics. Euro-5G was planning to support the organisation of such meetings in the context of a high level advisory group for the 5G-PPP.

However, the cabinet of Commissioner Oettinger took over responsibility to directly organise such meetings on CEO/CTO-level themselves. This resulted in an activity to develop a 5G Action Plan focussing towards 2020, which should be endorsed by the EU Commission and industry in Europe. Commissioner Oettinger announced this activity during Mobile World Congress 2016 on Barcelona.

As Euro-5G was not involved in the support of this activity, and it was not practical to run parallel meetings with a similar “C” level attendance, Euro-5G focussed on the preparation of the 5G PPP press event together with Commissioner Oettinger at Mobile World Congress 2016 and the workshops in Lisbon with the senior representatives of the ICT industry. All logistical activities, printed material and local support for these events were organised by Euro-5G.

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## Abbreviations

<b>5GMF</b>	The Fifth Generation Mobile Communications Promotion Forum
<b>CEO</b>	Chief Executive Officer
<b>CSA</b>	Coordination and Support Action
<b>CTO</b>	Chief Technology Officer
<b>EC</b>	European Commission
<b>DoW</b>	Description of Work
<b>ICT</b>	Event: Innovate, Connect, Transfer
<b>MoU</b>	Memorandum of Understanding
<b>MWC</b>	Mobile World Congress
<b>PPP</b>	Public Private Partnership

# 1 Introduction

The theme of this deliverable is changed in emphasis from what was originally envisaged in the DoW. Originally it was planned, between the EU Commission and 5G Infrastructure Association, to organise bi-annually high-level meeting between representatives of Association members and Commissioner Oettinger on 5G and 5G PPP topics. Euro-5G was planning to support the organisation of such meetings in the context of a high level advisory group for the 5G-PPP.

However, the cabinet of Commissioner Oettinger took over responsibility to directly organise such meetings on CEO/CTO-level themselves. This resulted in an activity to develop a 5G Action Plan focussing towards 2020, which should be endorsed by the EU Commission and industry in Europe. Commissioner Oettinger announced this activity during Mobile World Congress 2016 on Barcelona.

As Euro-5G was not involved in the support of this activity, and it was not practical to run parallel meetings with a similar “C” level attendance so Euro-5G focussed on the preparation of the 5G PPP press event together with Commissioner Oettinger at Mobile World Congress 2016 and the workshops on Lisbon. All logistical activities, printed material and local support for these events were organised by Euro-5G.

## 2 5G PPP at the ICT 2015 in Lisbon

ICT 2015 (Innovate, Connect, Transform) <https://ec.europa.eu/digital-single-market/en/ict2015> was the largest European ICT event jointly organised by the European Commission and the Fundação para a Ciência e a Tecnologia from 20<sup>th</sup> to 22<sup>nd</sup> October 2015 in Lisbon.

2 European Commissioners, 127 speakers and over 6000 participants were present. The exhibition had 140 exhibition booths and 120 networking sessions were organised.

Besides having a 5G PPP booth together with the projects METIS-II, 5G NORMA, FANTASTIC-5G and XHAUL that presented demos during the event, a high-level “5G Workshop between regional initiatives and government agencies” was organised. Additional information on 5G PPP’ initiatives at the ICT 2015 is available at <https://5g-ppp.eu/ict-2015-feedback/>.

Euro-5G significantly contributed in ensuring a high profile 5G PPP’s participation in this important event by undertaking a lot of preparatory work over many months.

### 2.1 High-level 5G Workshop between regional initiatives and government agencies

This international workshop was organised in conjunction with the EU and co-located with the ICT 2015 Conference. Attendance was limited to 100 invited participants from public authorities and industry actively involved in specific 5G initiatives as well as from the 5G standards and spectrum domains.

The European Commissioner for Digital Economy and Society, Günther H. Oettinger gave a keynote speech on “5G International Cooperation, Priorities and Expectations”.

The focus of the workshop was on Standardisation and Spectrum issues. The agenda and presentations are available at <https://5g-ppp.eu/5g-workshop-agenda/>.

The workshop was also the occasion for the official signature and launch of a Multi-Lateral Memorandum of Understanding (MoU) for Global 5G Events to promote and build global consensus on 5G. The signatories of the Memorandum were:

- 4G Americas, now 5G Americas (Americas)
- The Fifth Generation Mobile Communications Promotion Forum (5GMF) (Japan)
- 5G Forum (Republic of Korea)
- IMT-2020 (5G) Promotion Group (non-profit organization, China)
- The 5G Infrastructure Association – Public Private Partnership (5G PPP) (Europe)

The launch of the Multilateral MoU represented a milestone in international cooperation on 5G and Commissioner Oettinger participated in its official presentation to the public.



Figure 1: Presentation of the Multilateral MoU for Global 5G Events

More information on this agreement is available at <https://5g-ppp.eu/leading-5g-visionary-organizations-in-europe-usa-japan-south-korea-and-china-sign-multi-lateral-memorandum-of-understanding-for-global-5g-events/>

Euro-5G carried out many activities related to the organisation of the 5G Workshop between regional initiatives, including assistance in the following areas:

- logistics (e.g. venue, equipment)
- handling of registration of participants
- contacts with speakers and moderators
- travel cost assistance for designated guest participants (previously authorised by the European Commission)
- preparation and distribution of a press release

The first Global 5G Event was held in Beijing, on May 31-June 1, 2016. The 2<sup>nd</sup> Global 5G Event will be held in Rome on November 9-10, 2016.

### 3 5G PPP at the Mobile World Congress 2016 in Barcelona

The Mobile World Congress (MWC) <https://www.mobileworldcongress.com/> is the largest and most renowned mobile industry event worldwide.

Nearly 101,000 attendees from 204 countries and more than 3,600 members of the international press and media were present at the congress organised from 22 to 25 February 2016 in Barcelona. More than 2,200 companies participated in the exhibition.

The MWC 2016 was therefore of strategic importance for 5G PPP to present its work, promote its numerous activities and meet with key stakeholders from all over the world.

Euro-5G supported and organised a 5G PPP press event with the participation of together with Commissioner Oettinger and CEOs/CTOs. This required intensive organisational work, carried out by the Euro-5G CSA, including planning, logistics and administration over several months prior to the event.

The highlight of 5G PPP's presence at the MWC was the organisation of a Media and Analyst briefing on the role of "*5G empowering vertical industries*", where a 5G PPP white paper was released, printed with the support of Euro-5G.

In addition, a series of "special sessions" were organised on 5G PPP's role and activities as well as on presentations of demos by the 5G PPP Projects 5G NORMA, METIS-II and VirtuWind at the European Commission booth. These "special sessions" were also organised by Euro-5G.

#### 3.1 5G PPP Media and Analyst briefing on the role of 5G for vertical industries

On Monday 22<sup>nd</sup> February 2016, in the Media Village of the MWC, 5G PPP held a Media and Analyst briefing on the presentation of the 5G PPP White Paper "5G Empowering Vertical Industries".

The White Paper outlines how 5G network infrastructures will enable the digitalization of society and economy, leading to the fourth industrial revolution, especially in the automotive, transportation, healthcare, energy, manufacturing and entertainment sectors.

177 people, including many journalists, registered to the event. This was a high-level event with the participation of European Commissioner for Digital Economy and Society, Günther H. Oettinger and the following executives from global top technology companies:

- Ulf Ewaldsson, Chief Technology Officer, Ericsson
- Hermann Meyer, Chief Executive Officer, ERTICO – ITS Europe
- Wen Tong, Wireless Chief Technology Officer, Huawei
- Hossein Moïin, Chief Technology Officer, Nokia Mobile Networks, Nokia
- Alain Maloberti, Senior Vice President, Orange Labs Networks, Orange
- Karim Michel Sabbagh, Chief Executive Officer, SES
- Bjørn Taale Sandberg, Senior Vice President, Telenor Research leader, Telenor

The Moderator was Philippe Defraigne, Founding Director of Cullen International.

The Commissioner and executives shared their views on the impact of 5G on the digital society and economy, as well as requirements from vertical industries, business models, architectures, and standardisation aspects of 5G.

Euro-5G carried out many activities over several months related to the organisation of the Media and Analyst briefing and the preparation of the White Paper. The main ones were:

- Following the 1<sup>st</sup> 5G for Verticals Workshop co-organised by the European Commission and the 5G Infrastructure Association in Brussels on 18<sup>th</sup> June 2015, Euro-5G organised the 2<sup>nd</sup> 5G

PPP Verticals Workshop on 9 November 2015 in Brussels. The work made at this second workshop and the follow-up contributions and discussions were the basis for the preparation of the overall White Paper “5G empowering vertical industries”.

- Euro-5G was responsible for the editorial work of the White Paper and its formal publication as a 16 page brochure. It also ensured that copies of the brochure were shipped to Barcelona and distributed at the MWC.
- Publication and distribution of a 4 page A4 flyer of the “Executive Summary” of the White Paper.
- Preparation and distribution of a press release on the Media and Analyst briefing and the presentation of the White Paper.

The project booked the venue and took care of all logistical activities including promotion, meeting registration and local support.



Figure 2: Front page of the brochure “5G Empowering Vertical Industries”

A “press kit” prepared by Euro-5G including a short report of the event, the above mentioned documents and photos is available at: <https://5g-ppp.eu/5g-ppp-mwc-2016/>



Figure 3: Photos taken at the 5G-PPP Media & Analyst Event at the Mobile World Congress 2016. Source: The 5G Infrastructure Association

## 4 Conclusions

Euro-5G effectively managed all aspects related to the preparation and practical organisation of 5G PPP's high-level meetings, workshops and events. The excellent coordination among project partners allowed to make the best possible use of their specific expertise and to successfully implement the initiatives required by this Deliverable in the first 12 months.

It is worth noting that Mr. Miao Wei, Chinese Minister of Industry and Information Technology, gave the opening speech at the 1<sup>st</sup> Global 5G Event on 31<sup>st</sup> May and 1<sup>st</sup> June 2016 in Beijing organised in the framework of the Multilateral MoU (Figure 4). The Minister also visited the exhibition at the event. This further proves the importance of this series of global events not only for the business and research communities but also for governments and institutions. It is of fundamental importance to have similar representation from the European Commission in Rome, as it certainly will happen.

Additional information on the 1<sup>st</sup> Global 5G Event is available in the Intermediate Liaison Report of Deliverable 4.2.

As for future activities supported by Euro-5G related to high-level events, the priority is certainly the organisation of the 2<sup>nd</sup> Global 5G Event on November 9 and 10 in Rome (Figure 5). Additional information is available at <https://5g-ppp.eu/2nd-global-5g-event/>. The ambition is to attract top representatives from the EU, the Italian government, companies and academia. To this aim, close cooperation with the 5G Infrastructure Association and support from the European Commission are necessary.

Complementing the work of the Multilateral Technical Programme Committee with representatives from each of the five signatories associations, Euro-5G is responsible for all the logistics, promotion and communication activities of this international event.



Figure 4: Opening speech by Mr. Miao Wei, Minister of Industry and Information Technology at the 1st Global 5G Event in China



Figure 5: Announcement flyer of the 2nd Global 5G Event to be held in Rome