WELCOME!

To the "Consultation Workshop on Work Programme 2016-2017" in the domains:

- Network Technologies
- Internet of Things

Organised by:
European Commission - DG CONNECT
Unit E1: Network Technologies

Brussels, 29-30 Septembre 2014

"The views expressed in this presentation are those of the author and do not necessarily reflect the views of the European Commission"
Your Commission Contacts:

Thibaut Kleiner, Head of Unit; Bernard Barani, d_HoU

Coordination: Petronela Burceag

Day 1

Remy Bayou: Organiser session Radio
Pertti Jauhiainen: Organiser session Net Management
Peter Friess: Organiser session Internet of Things

Day 2

Ari Sorsaniemi: Organiser session Optical Techs
Eric Gaudillat: organiser session Experiments, testbeds, Demos
Ruediger Martin: Organiser session SDN/NFV

Supported by:

Bernadette, Domenico, Helena, Irena, Salvatore...
Orientation paper to new Commission and ICTC early December ➔ stable version available mid-November latest.

Senior Management meetings in October

*Stable R&I document on networks, IoT ➔ end of October*

Multiple "pre" inputs:

- Online consultation, April-June;
- Stakeholder events: FIA Athens, March 2014; EUCNC, IoT Week, June 2014..

Consultation meeting, 29-30 September 2014: a key milestone to take stock of the various expressed positions towards a structured set of priorities under Work Programme 2016-17.

**NB: Full WP version** to be developed between January and April 2014
Topics for the Consultation

WP 2014-15

5G PPP Phase 1, ICT 14
R&D + Innov
Advanced technologies and architectures, ICT 5, 6
R&D

WP 2016-17

5G PPP Phase 2
R&D + Innov

IoT Focused Actions, LSP's
R&D + Innov
Typical questions:

**5G PPP**

- Roadmap 5G PPP proposal (R= 75%, I= 25%). What Research for phase 2, what innovation?
- Moving into test and experiments: what approach? What level of integration?

**Outside 5G**

- What advanced research not addressed by the PPP? Why, what are the opportunities at EU level?

**IoT**

- R&I in the fields of platforms, Pilots, horizontal issues.

To keep in mind: SME dimension, International cooperation, new stakeholders opportunities, PRIORITIES
Day 1, 29 September

9h30 – 10h00 Plenary Session 4th floor, Room 121

- Introduction & objectives, Bernard Barani, European Commission
- NetWorld2020 5G Requirements White Paper

10h00-10h15 Coffee break

10h15 – 17h30 Break-out Parallel Sessions
Day 1, 29 September
10h15 – 17h30 Break-out Parallel Sessions

❖ Radio (architecture, technologies, mm-waves)
  3rd floor, Room 187, Lunch: 13h00-13h45 ➔ coffee 15:30
  • Chair: Rémy Bayou, European Commission
  • Rapporteur: Alistair Munro

❖ Network management (security, big data for network management, energy efficiency)
  4th floor, Room 68, Lunch: 12h15-13h00 ➔ coffee 15:00
  • Chair: Pertti Jauhiainen, European Commission
  • Rapporteur: Stefan Winter

❖ Internet of Things (IoT)
  4th floor, Room 121, Lunch: 12h15-13h00 ➔ coffee 15:00
  • Chair: Peter Friess, European Commission
  • Rapporteur: Roelof van den Berg
Day 2, 30 September

9h00 – 9h30 Plenary Session  4th floor, Room 121
- Introduction & objectives, Thibaut Kleiner, European Commission

9h30-16h30 Break-out Parallel Sessions

16h30-17h00 Plenary Session  4th floor, Room 121
- Sessions Wrap-Up from Rapporteurs

Conclusions, Bernard Barani, European Commission
Day 2, 30 September
9h30 – 16h30 Break-out Parallel Sessions

- Optical technologies (core, access)
  4th floor, Room 68, Lunch: 12h15-13h00 ➔ coffee 15:00
  - Chair: Ari Sorsaniemi, European Commission
  - Rapporteur: Roelof van den Berg

- Experiments, test beds and demonstrations (5G focus)
  3rd floor, Room 187, Lunch: 12h15-13h00 ➔ coffee 15:00
  - Chair: Eric Gaudillat, European Commission
  - Rapporteur: Alistair Munro

- SDN/NFV/Internet architectures
  4th floor, Room 121, Lunch: 13h00-13h45 ➔ coffee 15:30
  - Chair: Rüdiger Martin, European Commission
  - Rapporteur: Stefan Winter
Sessions Reporting Structure (Proposal)

- Introduction
- Drivers and requirements (market dev)
- Research and innovation challenges and priorities
  - Scientific and technology priorities for the area
  - What is research, what is innovation
  - Topics beyond roadmap based (>PPP)
  - Prioritisation
- Related aspects
  - SME Potential
  - New stakeholders potential
  - Global cooperation opportunities
  - Links with other (e.g. national initiatives)
- Annex: Participants
Publication

- Tentative web publication of session reports on 20 October.

- Presentations will also be posted on the web in pdf, unless authors disagree. (Let us know!)
Catering & Logistics…

- **Coffee break is served in the Kitchen room of the A2 Building, 4th Floor, next to Room 68**
  - Available in the morning from 9h00 and in the afternoon from 14h00

- **Lunch is served at the Cafeteria in Building A1, 9th Floor**
  - Access only via the Building A1 - 4th floor elevators, from building A2 follow the A1 elevators arrows and go to the 9th floor

- Please keep your security badges for both days

- We are hosted by REA colleagues with offices next to our workshop rooms

  *Let's be discrete in the corridors & keep the rooms clean*
Access to the cafeteria (9th floor) lunch only from the 4th floor of the building. Follow arrows next to 4/121.

Coffee breaks

Parallel session

Plenary session

1st Service: 12:15 - 13:00
2nd Service: 13:00 - 13:45
Thanks a lot for your Help!

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