



# 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**



## **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...**

# Context of Work Programme 2016-17



**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

IoT Platforms, ICT 30

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 4<sup>th</sup> 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)**  
**3<sup>rd</sup> 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)**  
**4<sup>th</sup> floor, Room 68**, Lunch: 12h15-13h00 → coffee 15:00
  - **Chair: Pertti Jauhainen, European Commission**
  - **Rapporteur: Stefan Winter**
- ❖ **Internet of Things (IoT)**  
**4<sup>th</sup> 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 4<sup>th</sup> floor, Room 121**

➤ **Introduction & objectives, Thibaut Kleiner, European Commission**

**9h30-16h30 Break-out Parallel Sessions**

**16h30-17h00 Plenary Session 4<sup>th</sup> 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)

**4<sup>th</sup> 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)

**3<sup>rd</sup> floor, Room 187, Lunch: 12h15-13h00 → coffee 15:00**

- **Chair: Eric Gaudillat, European Commission**
- **Rapporteur: Alistair Munro**

### ❖ SDN/NFV/Internet architectures

**4<sup>th</sup> 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

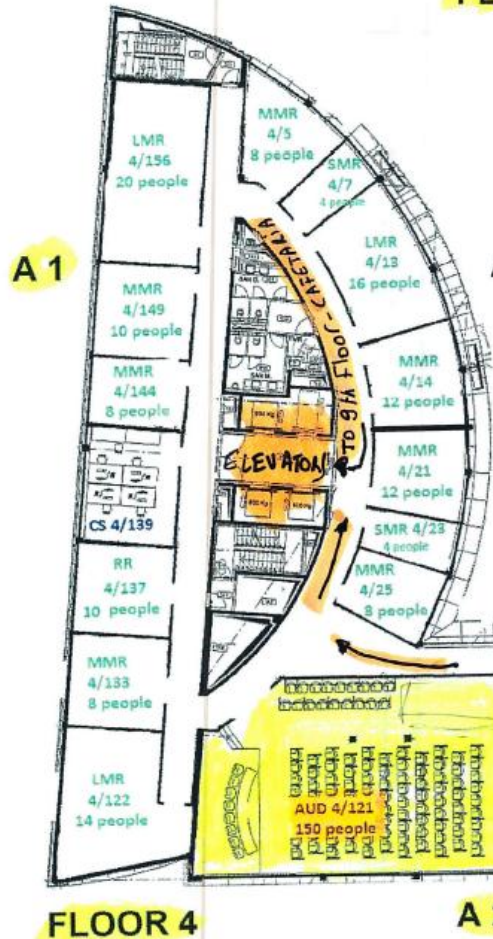
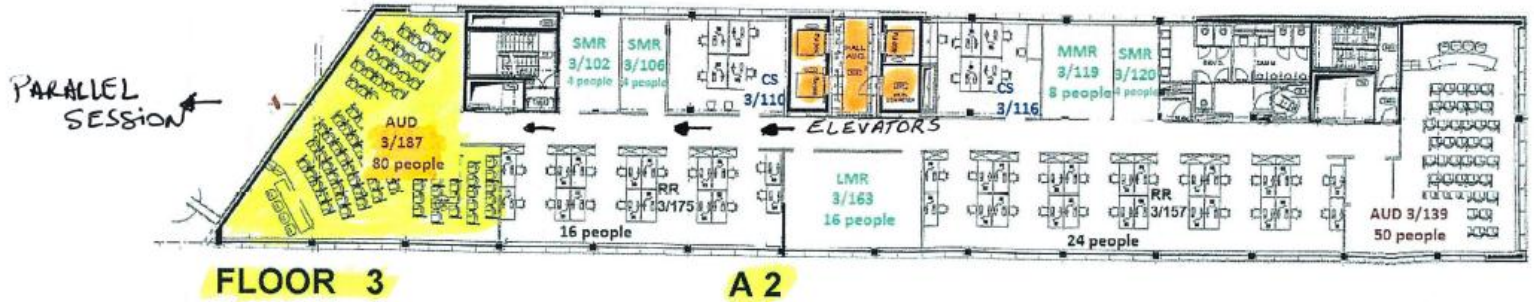
# Publication

- 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, 4<sup>th</sup> 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, 9<sup>th</sup> Floor*
  - *Access only via the Building A1 - 4<sup>th</sup> floor elevators, from building A2 follow the A1 elevators arrows and go to the 9<sup>th</sup> 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***



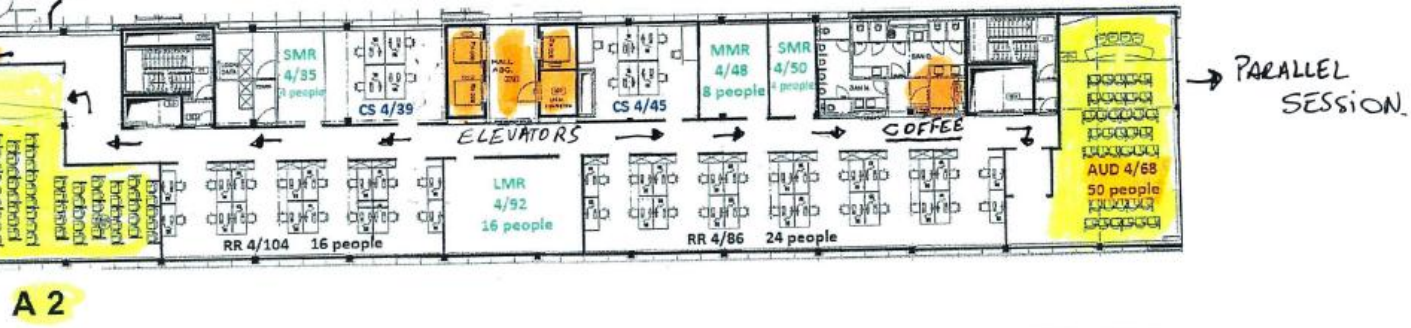
ACCESS TO THE CAFETERIA (9<sup>th</sup> FLOOR) LUNCH

← ONLY FROM THE 4<sup>th</sup> FLOOR OF THE BUILDING A2 FOLLOW ARROWS next to 4/121

1<sup>st</sup> Service: 12:15 - 13:00  
 2<sup>nd</sup> Service: 13:00 - 13:45

← PLenary SESSION

↓ COFFEE BREAKS





# Thanks a lot for your Help!

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