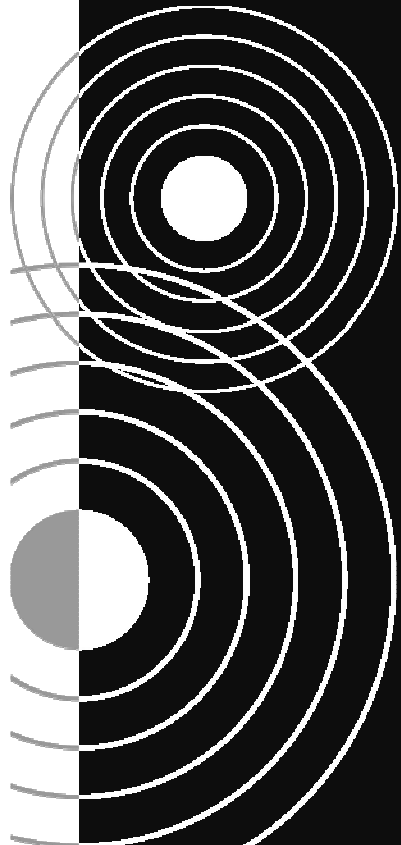


PUBLIC SAFETY COMMUNICATION FORUM

working group

Broadband Data Communication Roadmap

May 30th, 2012



WORKING GROUP HISTORY

- Presentation of Working group Proposal in PSCE Forum Warsaw
- Working group established and confirmed by the forum

05 June 2012

Initially Defined Goals

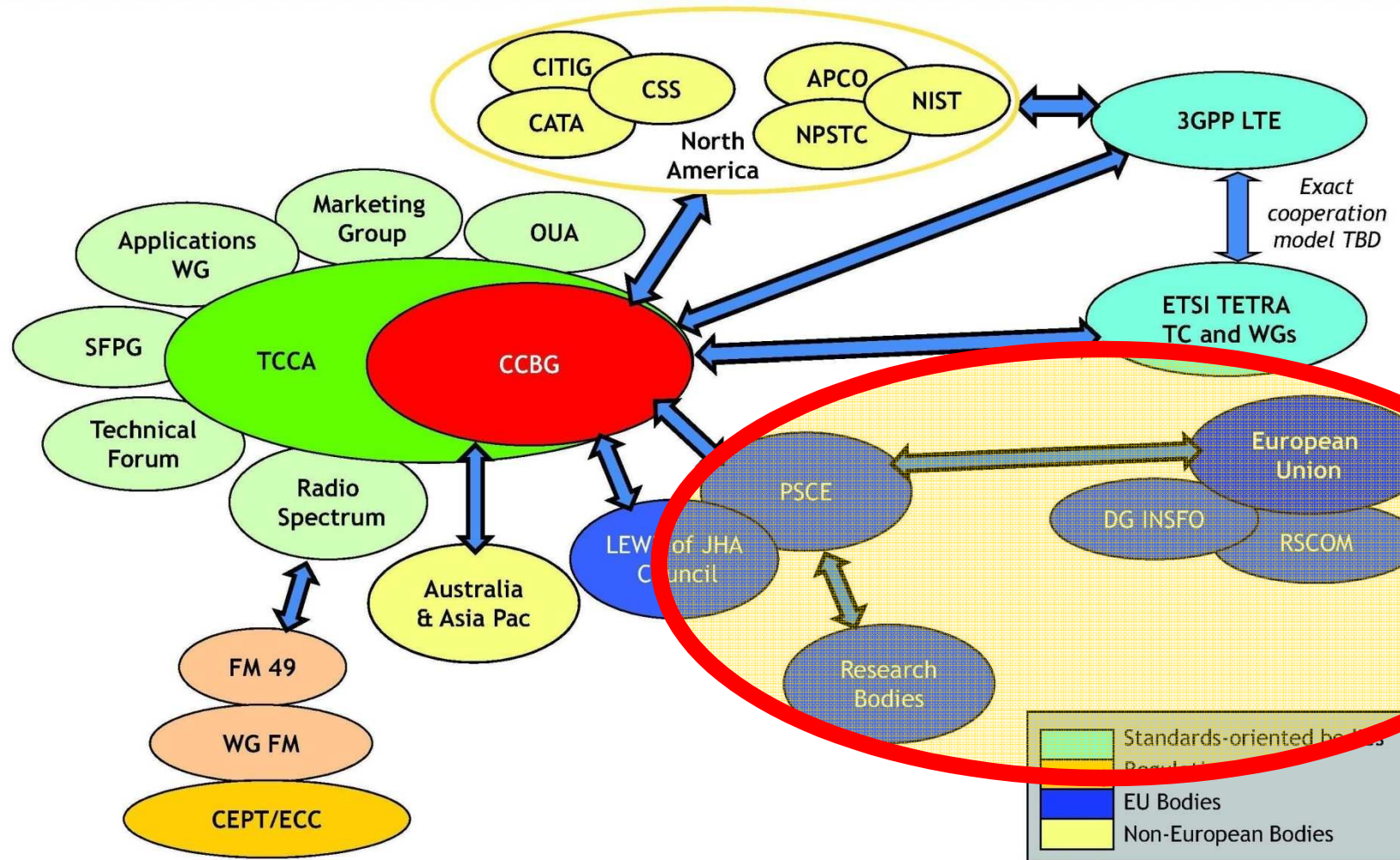
Goal of the working group is to create white paper on the following topics:

- Heterogeneous Networks
(PMR, LTE, WiFi, UMTS, Satellite, fixed lines etc)
 - Dynamic bandwidth monitoring and application management according to the available bandwidth
 - Multiple routing
 - Availability (Redundancy, robustness)
 - Security
 - Broadband applications for public safety services

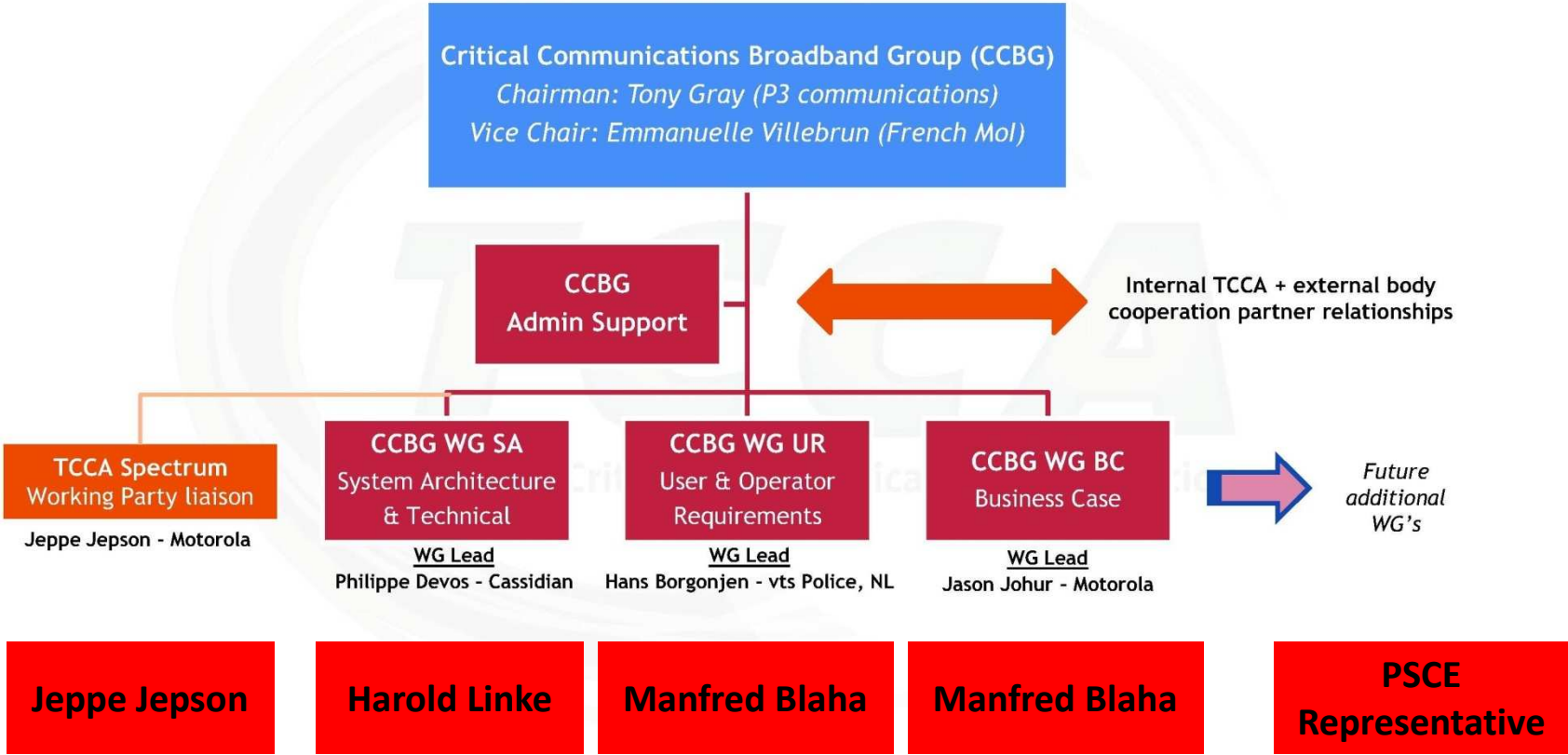
Cooperation with CCBG

- Close cooperation with CCBG
- Do not reinvent the wheel
- CCBG is strong in user requirements, standardisation and realisation
- PSCE is strong in Research, short term solutions and EC connections, Spectrum

Cooperation with CCBG



Cooperation with CCBG



Cooperation with CCBG



CCBG

PSCE

Requirements

Architecture

Research projects

Business Case

Short Term Solutions

Standardisation

Spectrum



Research Topics for BB WG

- Heterogeneous Networks

Combination of PMR (TETRA, TETRAPOL), LTE, WiFi, UMTS, Satellite, fixed lines etc

- Dynamic bandwidth monitoring and application management according to the available bandwidth
- Multiple routing
- Incident Area networks (Wireless meshed networks, ad-hoc networks)
- Availability of the networks (Redundancy, robustness)
- Security Issues
- Prototyping of Broadband applications for public safety services

Next Steps

- June 27th / 28th, 2012 CCBG meeting in Elancourt
 - Requirements team meeting and Architecture team meeting
- Results input for PSCE BB WG to define research needs and possible short term solutions
- Proposal: Phoneconf Begin of July to start the definition of research projects – Goal: CELTIC project September 2012 or May 2013
 - short term BB solution for public safety (2 year project with demonstrator and prototype)
 - Longterm research for topic that are needed for the standardisation and/or success of LTE for public safety

PSCE – Participants today

- Harold Linke – HITEC Luxembourg
- David Lund - HW Communications
- Frank Brouwer – WMC
- Roberto Gimenez- HI-Iberia
- Robert Borgström – Ericsson
- Wojciech Dymowski, Adam Flizikowski – ITTI
- Manfred Blaha – Ministry of Interior, Austria
- Braam van den Ende – TNO
- Kate Yeadon – EPT
- Jeppe Jepsen – Motorola
- Timo Bakker – Alcatel-Lucent
- Carlo Simon – Uni Luxembourg
- Luc Imbert, Edwin Tromp – Cisco
- Jean-Luc Gustin – Solaris Mobile

05 June 2012

PSCE – Participants tomorrow

- Who is interested to join for defining short term BB solutions and participation in research projects
 - Users
 - Industry
 - Research
 - Contact: harold.linke@hitec.lu