



5G Initiative – “5G Roadmap” Working Group

Roadmap Project Overview

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“5G Roadmap” Working Group

■ Objective

- identify short (~3 years), mid-term (~5 years) and long-term (~10 years) research, innovation and technology trends in the communications ecosystem
- develop a concrete innovation and engagement roadmap guiding the IEEE community towards maximum impact

■ Scope

- conduct horizon scanning, stakeholder interviews and leverage on expert knowledge
- involve IEEE societies, demand-side, wider industry & standards ecosystem
- develop a live document with a clear set of (accountable) recommendations which shall be updated annually

“5G Roadmap” Working Group

■ Activities to Date

- various F2F meetings, synch’ing email exchanges, phone calls
- organization of workshop at IEEE GC 2016
- first draft of mission statement, and planning of tracks & work

■ Near Term Plans (next three months)

- engage ecosystem to get a clearer picture on roadmap
- develop stable version of working plan to establish roadmap
- first stable version of the TOC for the live 5G roadmap document

■ Longer Term Plans (4-12 months)

- engage with other working groups whilst developing the roadmap
- engage with wider ecosystem (horizon scanning, interviews, etc)
- distribute writing and working load; and develop roadmap document
- synchronize with other 5G activities (standards, education, etc)

Timeline & Milestones



- mission statement
- agreement on timeline
- workshop preparation

- workshop & refinement of planning
- identifying responsible

- roadmap planning
- interviews, engagement, horizon scanning
- TOC draft

- distributed writing
- iterative refinement of living roadmap document
- synch'ing with other WG activities
- development of actionable recommendations
- publishing of document

Dec. 8, 2016 Workshop

Contribution Sections

- **What do we need - Verticals**
- **How do we do it - Radio Feature Design**
- **How do we do it - Core/Service Support Design**
- **How to make business out of it**