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| **Keywords:** | Coordination; Open Standards; Open Source; IMT-2020; 5G; roadmap, JCA |
| **Abstract:** | The purpose of this document is to introduce the roadmap deliverables from the JCA-IMT-2020 for this study period. |

# Rationale

The scope for JCA-IMT-2020 is found in [TD 31/TSAG](https://www.itu.int/md/T17-TSAG-170501-TD-GEN-0031/en) and indicates that the JCA-IMT-2020 is responsible for maintaining a roadmap for IMT2020 standardization which addresses on-going and published specifications from ITU, other relevant standard development organization, consortia and forums.

# Discussion

Pending endorsement by TSAG, the JCA-IMT-2020 will (as one of its defined objectives) maintain two IMT-2020 activity roadmaps. There is the existing IMT-2020 roadmap on general aspect of IMT which will continue to be maintained by Mr Konstantin Trofimov (Russia). A new IMT-2020 roadmap for the non-radio aspects (Resolution 92 (Rev. Hammamet, 2016)) will be started at the first meeting of JCA-IMT-2020 and the proposed Editor is Mr Scott Mansfield (Ericsson, Canada).

The IMT-2020 roadmap for non-radio aspects will take into consideration (among others) communication and consultation with the following standards organizations (Table 1).

Table 1 - Representative Standards Setting Organizations

| **Name** | **Full Name** | **Work Product** | **Website** |
| --- | --- | --- | --- |
| 3GPP | 3rd Generation Partnership Project | Core Network and Terminals | <http://www.3gpp.org/specifications-groups/ct/plenary> |
| 3GPP | 3rd Generation Partnership Project | Radio Access Network (RAN) | <http://www.3gpp.org/specifications-groups/ran-plenary/ran-plenary> |
| 3GPP | 3rd Generation Partnership Project | Service and System Aspects | <http://www.3gpp.org/specifications-groups/sa-plenary/sa-plenary> |
| BBF | Broadband Forum | Architecture and Migration | <https://www.broadband-forum.org/standards-and-software/downloads/technical-work-in-progress> |
| BBF | Broadband Forum | Routing and Transport | <https://www.broadband-forum.org/standards-and-software/downloads/technical-work-in-progress> |
| BBF | Broadband Forum | Wireless-Wireline Convergence | <https://www.broadband-forum.org/standards-and-software/downloads/technical-work-in-progress> |
| ETSI | European Telecommunications Standards Institute | ISG MEC | <http://www.etsi.org/technologies-clusters/technologies/multi-access-edge-computing> |
| ETSI | European Telecommunications Standards Institute | ISG NFV | <http://www.etsi.org/technologies-clusters/technologies/nfv> |
| ETSI | European Telecommunications Standards Institute | Millimetre Wave Transmission | <http://www.etsi.org/technologies-clusters/technologies/millimetre-wave-transmission> |
| GSMA | The GSM Association | Network 2020 | <http://www.gsma.com/network2020/> |
| IEEE | The Institute of Electrical and Electronics Engineers | Next Generation Fronthaul Interface (1914) Working Group | <http://sites.ieee.org/sagroups-1914/> |
| IEEE | The Institute of Electrical and Electronics Engineers | Time-Sensitive Networking for Fronthaul - 802.1cm | <http://www.ieee802.org/1/pages/802.1cm.html> |
| IETF | Internet Engineering Task Force | Deterministic Networking - DETNET | <https://datatracker.ietf.org/wg/detnet/documents/> |
| IETF | Internet Engineering Task Force | Distributed Mobility Management - DMM | <https://datatracker.ietf.org/wg/dmm/documents/> |
| IETF | Internet Engineering Task Force | Service Function Chaining - SFC | <https://datatracker.ietf.org/wg/sfc/documents/> |
| ITU-T | International Telecommunication Union | Development: ITU-DRadio: ITU-RStandardization: ITU-T | <http://www.itu.int/> |
| MEF | The MEF Forum | Lifecycle Sevice Orchestration | <https://www.mef.net/third-network/lifecycle-service-orchestration> |
| MEF | The MEF Forum | Technical Committee, 5G Transport | <http://mef.net/> |
| NGNM | Next Generation Mobile Networks | 5G Work Programme | <https://www.ngmn.org/work-programme/5g-work-overview.html> |
| OASIS | OASIS | TOSCA | <https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=tosca> |
| oneM2M | oneM2M | Machine-to-Machine technology | <http://www.onem2m.org/> |
| ONF | Open Networking Foundation | Architecture | <https://www.opennetworking.org/technical-communities> |
| ONF | Open Networking Foundation | Mobile Networks | <https://www.opennetworking.org/technical-communities> |
| SCF | Small Cell Forum | Small Cells | <http://www.smallcellforum.org/> |
| TMF | TM Forum | Zoom | <https://www.tmforum.org/zoom/> |
| TTA | Telecommunications Technology Association | Telecommunications Convergence  | <http://www.tta.or.kr/>  |

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