

## **Terms of Reference of the Focus Group IMT-2020**

### **1. Rationale and scope**

The rapid adoption of mobile broadband services and growing expectations from users for superior mobile broadband experiences are motivating industry, academia and governments to explore how to meet these demands.

In early 2012, ITU embarked on a programme on “*International Mobile Telecommunications (IMT) for 2020 and beyond*”, setting the stage for IMT-2020 research, development, and marketing activities around the world.

ITU-T Study Group 13 is mandated to study the requirements, architectures, capabilities and mechanisms of future networks including mobile. There is a desire to establish an open platform for experts representing ITU members and non-members in order to gain deep understanding of the IMT-2020 agenda and to explore if there is a gap to be filled by ITU-T Study Group 13 studies, from non-radio transmission related network perspective. Recognising activities being undertaken around the world, it is necessary to identify the specific areas for ITU-T Study Group 13, in order for ITU-T Study Group 13 to make constructive contributions to IMT-2020, together with other standardization bodies. This Focus Group will not have any radio transmission related aspect in its work scope.

At the current early stage of IMT-2020 journey, the outcomes of this Focus Group will consist of defining the visions and objectives and performing gap analysis by focusing on use cases and high level requirements and other aspects related to IMT-2020, in order to identify goals for ITU-T Study Group 13 on IMT-2020.

### **2. ITU-T Focus Group on IMT-2020 (FG IMT-2020)**

#### **2.1 Objective**

The objective of the Focus Group is to produce materials of gap analysis of IMT-2020 in order to identify the relevant scope of ITU-T Recommendations on the fixed network of IMT-2020. The gap analysis may be accompanied by high level technical aspects such as use cases, requirements and other aspects. The Focus Group also serves as an open platform for network architecture experts representing ITU members and non-members to move forward in the IMT-2020 direction.

#### **2.2 Specific tasks and deliverables**

Perform a gap analysis and identify necessary areas for standards on non-radio network supporting IMT-2020 by;

- Collecting, categorizing and proposing high-level use cases for IMT-2020 and their requirements, and

- Proposing and describing high level requirements and other aspects of non-radio network supporting IMT-2020.

#### **2.3 Parent group**

ITU-T Study Group 13 is the parent group of this Focus Group.

#### **2.4 Relationships**

The Focus Group will work in close cooperation with related ITU-T and ITU-R study groups, standards developing organizations, industry forums and consortia, research and development communities.

## **2.5 Leadership**

See clause 2.3 of Recommendation ITU-T A.7.

## **2.6 Participation**

See clause 3 of Recommendation ITU-T A.7. A list of participants will be maintained for reference purposes and reported to the parent group.

It is important to mention that the participation in this Focus Group has to be based on contributions and active participations.

## **2.7 General financing**

See clauses 4 and 10.2 of Recommendation ITU-T A.7.

## **2.8 Administrative support**

See clause 5 of Recommendation ITU-T A.7.

## **2.9 Meetings**

The Focus Group will conduct regular meetings. Location and dates of the meetings will be determined by the Focus Group and announced by electronic means (e.g. e-mail, website, etc.) at least six weeks in advance.

The Focus Group will endeavour to utilise remote collaboration tools to the maximum extent. Focus Group meetings will be accompanied by thematic workshops as appropriate.

## **2.10 Duration and milestones of the Focus Group**

The Focus Group lifetime is until the SG13 meeting (December 2015), but extensible if necessary by decision of the parent group.

A preliminary set of milestones includes:

- June 2015: 1<sup>st</sup> meeting;
- July 2015: 2<sup>nd</sup> meeting.

## **2.11 Working language**

The working language is English.

## **2.12 Technical contributions**

Contributions are to be submitted at least seven calendar days before the meeting takes place.

## **2.13 Intellectual property rights**

See clause 9 of Recommendation ITU-T A.7.

## **2.14 Approval of deliverables**

Approval of deliverables shall be taken by consensus.

## **2.15 Progress reports**

See clause 11 of Recommendation ITU-T A.7.

## **2.16 Announcement of Focus Group formation**

The formation of the Focus Group will be announced via TSB Circular to all ITU membership, via the ITU-T Newslog and other means, including communication with the other involved organizations.

### **2.17 Working guidelines**

See clause 13 of Recommendation ITU-T A.7.

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