



ITU-APT Foundation of India (IAFI¹)

AWG HOSTED 6G WORKSHOP

BACKGROUND

Currently, the APT Wireless Group, is working on various reports/questionnaire related to 5G implementation, planning for advancing IMT coverage and capacity improvements in 2025 ~ 2030, current status and future plans related to usage in 7.125-24 GHz, as well as new applications like air-to-ground using IMT.

Radio Assembly (RA-23), which was held in the last week in November 2023 in Dubai, adopted the new Recommendation ITU-R M. 2160 on the “IMT-2030 Framework,” which sets the basis for development of IMT-2030 and also widely known as 6G Framework. The next phase will be the definition of relevant requirements and evaluation criteria for potential radio interface technologies.

Further WRC-23 approved agenda item AI 1.7 of WRC-27 that calls for studying the bands within 4.4-4.8GHz, 7.125-8.4GHz and 14.8-15.35GHz for potential IMT identification in WRC-27. Additionally, there is also an agenda item of WRC-27 (AI-1.13) to study potential allocation to MSS to complement terrestrial coverage in IMT bands.

During the 45th meeting of ITU-R WP 5D, discussions have started to develop the requirements of the radio interface technology to meet the objectives of IMT-2030. 3GPP is also preparing its work towards development of 6G specification to meet the objectives of IMT-2030².

Proposal

In order to keep all the APT members updated about the latest developments relating to IMT-2030, It is proposed to host a 6G workshop during 33rd Meeting of APT Wireless Group (AWG-33). This proposed workshop will help to share the developments and views by APT members and relevant external organization to share insights and perspectives on 6G.

¹ ITU-APT FOUNDATION OF INDIA ([IAFI](#))

² <https://www.3gpp.org/news-events/3gpp-news/partner-pr-6g>