

Looking beyond 5G – Future Technology trends towards 6G

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ITU-APT Foundation of India



- ✓ Since ITU-APT Foundation of India joined the ITU-R as a Sector Member it has encouraged the involvement of many Indian stakeholders in the activities of the ITU Radiocommunications Sector
 - ✓ ITU-R Study Groups develop Recommendations, Reports, Opinions and Handbooks that are adopted worldwide
 - ✓ IAFI's contributions to ITU-R Study Groups 4 and 5 and their respective Working Parties are very much appreciated
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IMT-2020 and Beyond

- ✓ The ITU-R published the new Recommendation ITU-R M.2150 with Detailed specifications of the radio interfaces of IMT-2020
- ✓ ITU-R Working Party 5D (IMT) has started exploring the future development of system “beyond IMT-2020”
- ✓ Working party 5D is accepting contributions for its October meeting, which will help the development of the forthcoming report “Future Technology Trends towards 2030 and beyond.”

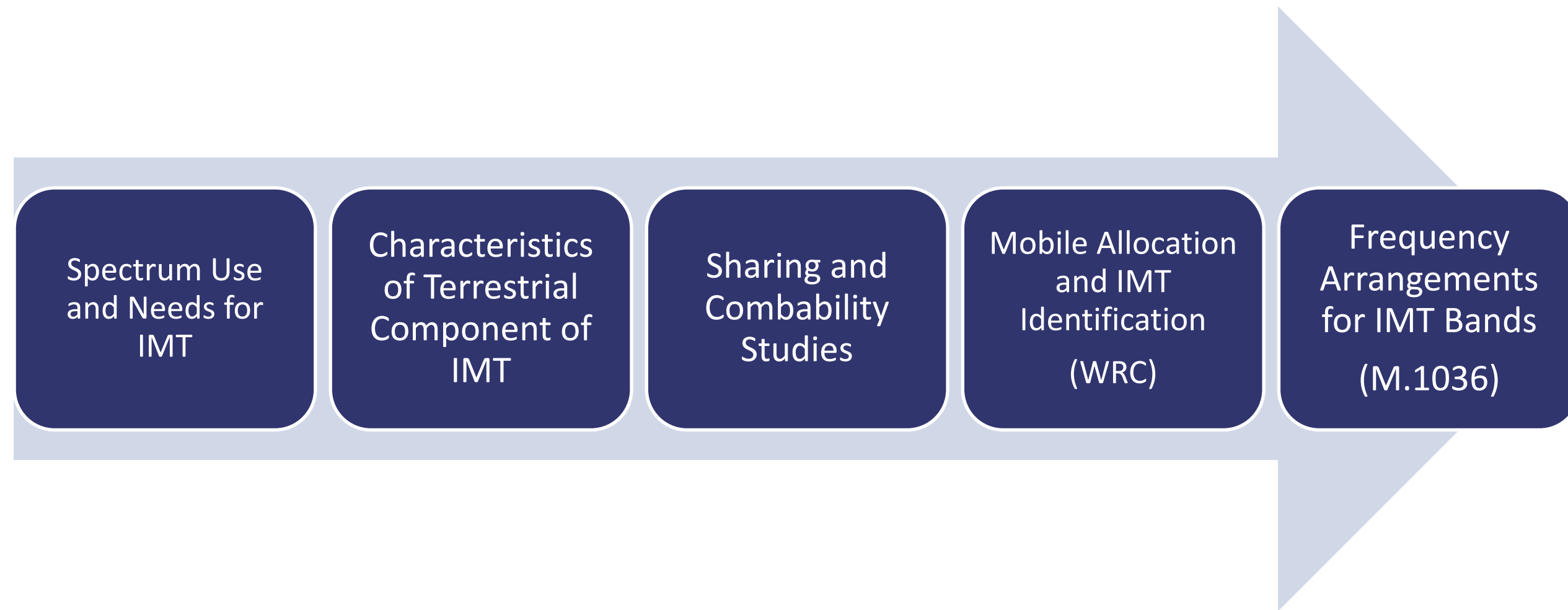
International process

Standardization



This is a highly collaborative process that involves all stakeholders

Global Spectrum Harmonization process



This process considers the identification and global harmonization of frequency bands for the operation of IMT



Both the **standardization** and the **spectrum harmonization** process together enable interoperability, roaming and global economies of scale, and result in exponential growth in mobile services and broadband connectivity throughout the world

Gender Declaration



WRC-19 declared the commitment of the Radiocommunication Sector to gender equality and gender balance.

It advances gender mainstreaming within the BR as well as in the ITU-R study groups and ITU conferences.

It calls upon ITU Member States and Sector Members to take measures to ensure women participate actively and meaningfully in all radiocommunication activities.





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- ✓ We are thrilled to have IAFI on board, as we commence the process to develop an international mobile technology standard
 - ✓ We are also advancing our work in preparation for WRC-23 having already defined the characteristics of services and applications. I invite you to use this information and submit sharing and compatibility studies to the ITU-R.
 - ✓ India's participation and contributions to our meetings are valuable for the development and improvement of international Recommendations and ultimately for the development of new technologies as we evolve towards more equal and connected societies.
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Thank You

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