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|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2022-2024 | | TSAG-TD277 |
| TSAG |
| Original: English |
| **Question(s):** | | RG-WPR | Geneva, 30 May - 2 June 2023 |
| **TD** | | | |
| **Source:** | | Chairman, WP2/TSAG | |
| **Title:** | | Updated matrix of work areas across the ITU-T study groups | |
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| **Abstract:** | This document presents a revised matrix of work areas across the ITU-T study groups that reflects input received through 31 May 2023. |

**Introduction**

At its 15 March 2023 virtual meeting, TSAG RG-WPR considered a matrix of work areas across the ITU-T study groups to assist with the analysis of possible alternative structures for ITU-T. Following that meeting, the assistance of the study group chairpersons was sought through correspondence to review and, if necessary, to revise that matrix. The present document presents a revised matrix that reflects the responses received through 31 May 2023.

**Discussion**

The attachment to this document shows the revised table. This revision reflects the responses received from the management teams of all ITU-T Study Groups.

**Summary**

The revised matrix of work areas across the ITU-T study groups can be used in the further studies within RG-WPR.

**Attachment**

**Revised matrix of work areas across the ITU-T study groups**

| **Work Areas** | **SG2** | **SG3** | **SG5** | **SG9** | **SG11** | **SG12** | **SG13** | **SG15** | **SG16** | **SG17** | **SG20** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Numbering/addressing/Identification** | **X** |  |  |  | **(Q2/11)** |  |  |  |  | **(Q11/17)** | **(Q6/20)** |
| **Operational aspects** | **X** |  | **(Q6, 12/5)** |  |  | **X[[1]](#footnote-1)** |  |  |  |  |  |
| **Policy** | X | **X** |  |  |  |  |  |  |  |  |  |
| **ICT** | X[[2]](#footnote-2),4 | **(Q3/3)** | **(Q7/54)** | **(Q6/9)[[3]](#footnote-3)** | **X[[4]](#footnote-4)** |  |  |  |  | **(Q6/17)4** |  |
| **EMF** |  |  | **X** |  |  |  |  |  |  |  |  |
| **Environment/Climate Change** |  |  | **X** |  |  |  |  |  |  |  |  |
| **Broadband cable and TV** |  |  | **(Q6, 9/5)** | **X** |  |  |  |  | **(Q13, 11/16)[[5]](#footnote-5)** | **(Q11/17)** |  |
| **Testing** | **(Q7/2)** |  | **(Q2, 6, 7/5)** |  | **X** | **X[[6]](#footnote-6)** |  |  |  | **(Q2, 11/17)** |  |
| **Signalling/Protocols** | **(WP1/2)** |  |  | **X** | **X** |  |  |  | **X** |  |  |
| **QoE/QoS/Performance** | **(Q1/2)** |  |  |  | **(Q6, 16/11)** | **X** | **(Q6/13)** |  | **(Q11/16)** |  | **(Q3/20)** |
| **Big Data** |  | **(Q11/3)** |  |  |  |  | **X** |  |  | **Q8/17** | **X** |
| **Network/System Architecture** | **(WP2/2)** |  | **(Q1, 2, 4, 6, 11, 12 /5)** | **X** |  |  | **X** |  | **X** | **(Q2/17)** |  |
| **Future Network/emerging telecom networks** |  | **(Q3/3)** | **(Q1, 4, 6, 9, 12/5)** |  |  |  | **X** |  |  | **(Q2/17)** |  |
| **Cloud** | **(WP2/2)** |  | **(Q6, 9/5)** | **(Q8,9/9)** | **(Q7, 13, 14/11)** |  | **X** |  |  | **(Q8/17)** |  |
| **Access/Transport** |  |  | **(Q6, 12/5)** | **(WP1/9)** |  |  |  | **X** |  |  |  |
| **Multimedia** |  |  |  | **X (WP2/9)** | **(Q8/11)** | **X** |  |  | **X[[7]](#footnote-7)** |  |  |
| **ITS** | **(WP1/2)** |  |  |  |  |  |  |  | **X[[8]](#footnote-8)** | **(Q13/17)** | **X** |
| **Health** |  |  | **(Q3, 7/5)** |  |  |  |  |  | **X** | **(Q7, 10, 11/17)** | **X** |
| **QKD/DLT** | **(WP2/2)** | **(Q1,7/3)** |  |  | **X[[9]](#footnote-9) (Q1, 2/11)** |  | **X9** |  | **(Q22/16)[[10]](#footnote-10)** | **(Q14, 15/17)9** | **(Q3/20)** |
| **Security** | **(Q3, 6/2)** |  | **(Q1/5)** | **(Q2/9)[[11]](#footnote-11)** | **(Q2/11)** |  | **(Q19/13)** |  | **(Q11, 12/16)** | **X** | **(Q6/20)** |
| **IoT/M2M** | **(Q1, 3/2)** | **(Q3, 7/3)** | **(Q6, 7, 9/5)** |  | **(Q12/11)** |  |  |  | **(Q5/16)** | **Q6/17** | **X** |
| **Smart Sustainable Cities and Communities** |  |  | **(Q11, 12, 13/5)** |  | **(Q12/11)** |  | **(Q1/13)[[12]](#footnote-12)** |  | **(Q28/16)[[13]](#footnote-13)** | **(Q7/17)** | **X** |
| **AI** | **X** |  | **X** | **(Q3/9)** | **(Q2, 6, 7, 8, 13, 16/11)** | **(Q9, 12, 14, 15, 19/12)[[14]](#footnote-14)** | **X** |  | **(Q5, 24/16)** | **(Q4/17)** | **X** |

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| KEY: |
| X: Red indicates that the topic is the prime responsibility of the study group |
| X: Black indicates that the topic is also addressed in different working groups |

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1. Operational aspects of performance, QoS and QoE (WTSA Res.2 Annex A, SG12 mandate). This work area was moved from SG2 (Q4/2) to SG12 (Q12/12) at WTSA-08. [↑](#footnote-ref-1)
2. Telecommunication/ICT services [↑](#footnote-ref-2)
3. set-top-boxes [↑](#footnote-ref-3)
4. **Combating counterfeit and stolen ICT devices**  [↑](#footnote-ref-4)
5. IPTV [↑](#footnote-ref-5)
6. WTSA Res.2 Annex B for SG12: "Development of test specifications for ITU-T Recommendations on performance, QoS and QoE". Recommendations under the purview of Questions 4, 5, 6, 7, 9, 10, 13, 14, 15, 17, 19, 20/12 address various testing aspects in the context of performance, QoS and QoE [↑](#footnote-ref-6)
7. Including digital culture, XR, accessibility, and human factors [↑](#footnote-ref-7)
8. Automotive aspects of ITS [↑](#footnote-ref-8)
9. QKD technology itself is not the study item in ITU. The networking aspect, QKD network, was originated by SG13 in 2018. More than 40 documents for QKD network are developed and developing in SG11, 13 & 17 so far. [↑](#footnote-ref-9)
10. DLT only [↑](#footnote-ref-10)
11. CA-DRM [↑](#footnote-ref-11)
12. Smart Farming [↑](#footnote-ref-12)
13. Digital Health [↑](#footnote-ref-13)
14. Many quality assessment models considered by SG12 are trained using some form of machine learning. [↑](#footnote-ref-14)