IEEE P802.11
Wireless LANs

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| Liaison from ITU-T SG20 re Ambient Power IoT use cases and requirements |
| Date: 2023-10-09 |
| Author(s): |
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Abstract

This document contains a liaison received from ITU-T SG-20 related to an analysis of ambient power IoT requirements and use cases. The received liaison is embedded below and copied on the following pages.

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| A black and white logo  Description automatically generated | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | SG20-LS109 |
| **STUDY GROUP 20** |
| **Original: English** |
| **Question(s):** | 2/20 | Arusha, 13–22 September 2023 |
| **Ref.: SG20-TD1071** |
| **Source:** | ITU-T Study Group 20 |
| **Title:** | LS on the draft Technical Report ITU-T YSTR.Ambient IoT “Analysis on requirements and use cases of ambient power-enabled IoT”  |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For information to:** | ISO/IEC JTC1/SC31, GS1 EPCglobal, 3GPP SA1, IEEE 802.11  |
| **Approval:** | ITU-T Study Group 20 meeting (Arusha, 22 September 2023) |
| **Deadline:** | N/A  |
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| **Abstract:** | This Liaison Statement informs that ITU-T Study Group 20 is progressing a work item on draft Technical Report ITU-T YSTR.Ambient IoT “Analysis on requirements and use cases of ambient power-enabled IoT”. |

ITU-T Study Group 20 would like to inform ISO/IEC JTC1/SC31, GS1 EPCglobal, 3GPP SA1, IEEE 802.11 that the [draft Technical Report ITU-T YSTR.Ambient IoT](https://www.itu.int/ITU-T/workprog/wp_item.aspx?isn=18752) “Analysis on requirements and use cases of ambient power-enabled IoT” was initiated at the Study Group 20 meeting, Geneva, 30 January – 10 February 2023, and was updated at the last ITU-T Study Group 20 meeting, Arusha (Tanzania), 13–22 September 2023.

This draft Technical Report studies requirements and use cases of ambient power-enabled Internet of Things, including:

* Overview of ambient power-enabled Internet of Things
* Analysis on requirements of ambient power-enabled Internet of Things
* Uses cases of ambient power-enabled Internet of Things

More information can be found in the attachment.

ITU-T Study Group 20 would appreciate receiving relevant information concerning your activities related to ambient power-enabled Internet of Things and also welcomes collaboration on this study.

**Attachment:**

* A.13 justification for proposed draft new Technical Report ITU-T YSTR.Ambient IoT “Analysis on requirements and use cases of ambient power-enabled IoT, Q2/20 meeting (Geneva, 30 January – 10 February 2023) ([SG20-TD700](https://www.itu.int/md/T22-SG20-230130-TD-GEN-0700/en))

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**References:**