

ToR for a SG20 AHG on IoT, digital twins and AI for effective energy management (AHG-EEM)

1 Scope and objectives

ITU-T Study Group 20 at its plenary held on 11 July 2024 agreed to launch an Ad hoc group on IoT, digital twins and AI for effective energy management (AHG-EEM) tasked to discuss and prepare the terms of reference for a new Question on IoT, digital twins and AI for effective energy management.

The objective of AHG-EEM is to develop the ToR of a new Question on this topic to be submitted for discussion to the first meeting of ITU-T Study Group 20 in 2025.

The AHG-EEM will start its work after ITU-T Study Group 20 meeting in July 2024 and will develop a report of AHG activities which will be presented at the first SG20 meeting that will take place in 2025.

The AHG-EEM will be active until the first SG20 meeting in 2025, and whether to extend AHG activities will be decided at the next SG20 meeting.

2 Work methods

- Open to all ITU-T SG20 members.
 - Report the results of the AHG activities two weeks before to the first SG20 meeting in 2025 for further SG20 consideration on standardization work of IoT, digital twins and AI for effective energy management.
 - The AHG activities will be carried out normally at virtual meetings but may also hold physical meeting (e.g. if other SG20 Questions are also meeting) based on the participants' agreement.
 - The AHG activities will be carried out through the dedicated mailing list t22sg20ahgeem@lists.itu.int. The AHG virtual meeting will be organized using meeting tools supported by TSB.
 - Meeting announcements including the draft agenda will be made available by e-mail and in the SG20 website.
 - The AHG Convenors will be Mr Chao Ma (CAICT China) and Mr Yang Bin (State Grid of China).
-