έξί Jence

3GPP

Ongoing work on energy efficienc as service criteria (R19-20)

Scope ------

Since 3G, mobile networking standards are being standardised by 3GPP, enabling true world-wide interoperability. Currently, **3GPP** is further developing the 5G standard – "beyond 5G" (B5G) – and starting to develop the 6G standard.

Energy efficiency is increasingly becoming a topic within 3GPP. Read more on the ongoing energy efficiency related efforts aimed at releases 19 and 20.

READ MORE ON RELEASE 19 & 20

Co-funded by

Co-funded by the European Union



Relevance for EXIGENCE

The use cases and requirements defined for R19 (TR 22.882, TS 22.261, 6.15a) are relevant to requirements and scenarios, in order to build on top of existing ideas (e.g., expand to a multidomain setting), rather than duplicate them. The ongoing work on key issues and solutions (TR 23.700-66) is relevant to **energy metrics**, energy measurements, data collection, resource interconnectivity, orchestration, and energy optimisation. The document is still in progress and therefore might also provide an outlet for EXIGENCE work – **standardisation** –, even though the time horizon is probably too short. The work planned within R20 is a continuation of the R19 work and therefore bears relevance to the same tasks: it should be monitored on behalf of requirements and scenarios, energy metrics, energy measurements, data collection, resource interconnectivity, orchestration, and energy **optimisation**, but more importantly it provides an opportunity to contribute to **standardisation** (as evidenced by the contributions to TR 22.883).

Funded by the European Union. The project is supported by Smart Networks and Services Joint Undertaking (SNS JU) and its members. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or SNS JU. Neither the European Union nor the granting authority can be held responsible for them.

