

ANEC-SECT-2023-G-002

Brussels, 30 January 2023

Call for a voluntary expert to represent the consumer interests in Smart grids and Smart meters and standardisation in 2023

ANEC is looking for an expert to provide us with technical expertise and to represent our organisation and defend the consumer interests in smart meters standardisation such as in the **CEN-CENELEC-ETSI Coordination Group on Smart Grids (CG-SG)**, as of February 2023.

Background:

In **2009**, the European Commission and EFTA mandated CEN, CENELEC and ETSI the development of an open architecture for utility meters involving communication protocols enabling interoperability (smart metering). In response to this request ([M/441](#)), CEN, CENELEC and ETSI decided to combine their expertise and resources by establishing the Coordination Group on Smart Meters (CG-SM).

In **March 2011**, the European Commission and EFTA issued the Smart Grid Mandate [M/490](#) requesting CEN, CENELEC and ETSI to develop a framework to enable ESOs to perform continuous standard enhancement and development in the smart grid field. In order to perform the requested work, the ESOs combined their strategic approach and established the Coordination Group on Smart Energy Grids (CG-SEG).

In **January 2021**, taking into consideration the close contact between both Groups since the beginning of its creation when the European Commission issued the mandates M/441 (utility meters) and M/490 (smart grid), CEN and CENELEC BTs and ETSI Board decided to merge both groups.

Scope:

The CG-SG advises on European standardization requirements relating to smart electrical grid and multi-commodity smart metering standardization, including



ANEC is supported financially by the European Union & EFTA

EU Transparency Register No. 507800799-30

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interactions between commodity systems (e.g. electricity, gas, heat, water), and assesses ways to address them. This includes interactions with end-users, including consumers/prosumers.

Its aim is to promote the deployment of open and interoperable data architectures, based on European and international standards. The scope also includes any standards needed to design, operate and maintain electrical grids securely and efficiently. In the specific area of metering, its scope includes electricity, water, gas and heat/cooling metering devices and systems, and associated architectures.

Within its scope the Group addresses the European requirements resulting from the Clean Energy Package, including secondary legislation, and any other relevant Commission initiatives.

The CG-SG also receive inputs from and provide input to the European Commission's activities related to standardization in the field of smart grids and meters.

With respect to international standardization activities on smart grids and meters, the Group monitors the progress of the relevant standardization activities in ISO, IEC and ITU, and promote coordination between the European activities and those at the international level and promote when needed the consideration of European requirements within international standardization.

The Smart Grids CG has also just created a **sub-group on Smart Meters**, that ANEC will join. We would like the new ANEC representative to also become a member of the Smart Meters sub-group.

CEN-CENELEC-ETSI Coordination Group on Smart Grids, including the sub-group on Smart Meters will have about 2 meetings per year.

In our work, we highlight the potential impacts of smart energy systems on consumers and stress key consumer issues that should be taken into account in the changing energy environment. Several areas of consumer relevance that we believe remain to be tackled relate to personal data protection and security issues and accessibility/usability of in-home displays as well as the provision of information to the consumer via in-home displays.

Furthermore, ANEC participates in the **European Commission Task Force on Smart Grids (SGTF)** [soon to be renamed as 'Smart Energy Expert Group']. The current Task Force is meant to advise on policy and regulatory directions at European level and coordinate steps towards the implementation of smart grids and roll out of smart meters across Europe under the Third Energy Package. The Task Force is formed of a Steering Committee and three Expert Groups, jointly developing a common vision for this implementation process and identifying regulatory recommendations and key issues to be resolved. ANEC has been actively involved in the European Commission Smart Grid Task Force Expert Group 1 (EG1) on Standards and Interoperability, tasked to help the EC with expert knowledge in preparing the development of implementing acts on data

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interoperability. ANEC monitors SGTF Expert Group 2 (EG2) on Cybersecurity. The group deals with privacy and data protection in smart grids. ANEC also monitors SGTF Expert Group 3 (EG3) on Demand response, tasked to identify success stories and best regulatory practices, including remaining legislative gaps and propose scopes for further actions.

ANEC is the European consumer voice in standardisation, comprising members from 32 European countries. It defends consumer interests in the processes of standardisation and conformity assessment, and in the development of related legislation. More information at www.anec.eu.

Profile:

- Proven technical expertise in smart meters, focus on digitalization and energy aspects;
- Potentially understanding of a smart grid;
- Interest in consumer affairs;
- Strong communication and analytical skills;
- Proficiency in English as a working language;
- Willing to work on voluntary basis and travel (expenses reimbursed);
- No conflict of interest between the role as an ANEC Representative and other responsibilities or work undertaken.

The tasks of the expert include:

- to participate in and present ANEC's views in the meetings of CEN-CENELEC-ETSI Coordination Group on Smart Grids (online or hybrid meetings);
- to potentially participate in the work of EC SGTF EG1 on standards and interoperability and monitor the work on EC SGTF EG3 on consumers' flexibility;
- report back to the Digital Society WG (two meetings per year);
- to draft technical comments and provide input into position papers;

Although we are unable to offer a salary or honorarium, we do cover the travel, accommodation and subsistence and connection expenses of our experts in line with the rules laid down by the European Commission and EFTA Secretariat. Above all, we offer the possibility to our experts to influence legislation and technical standards to the benefit of all those in society.

ANEC reimbursement terms and conditions are available on request.

*If you would believe you could contribute to our work, please send an up-to-date CV and letter of motivation (in English) to [man\(at\)anec.eu](mailto:man@anec.eu) no later than **20 February 2023**.*

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