ESMIG

2026 ANNUAL REVIEW

The European voice of smart energy solution providers

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Message from **the President**

Javier Rodríguez Roncero
ESMIG President
Head of Strategic Sales, EYKON



Dear ESMIG Members and Stakeholders,

Europe's energy transition has reached a critical stage. The focus is no longer on defining ambitions, but on delivering a secure, competitive and sustainable energy system. In this context, smart metering and smart energy solutions have become recognised as essential infrastructure for Europe's digitalisation, electrification and decarbonisation objectives.

Over the past year, ESMIG has continued to work closely with European institutions, regulators and stakeholders to ensure that the value of smart metering is fully reflected in policy and legislation. Important initiatives launched this year, including the Strategic Roadmap on Digitalisation and AI in the Energy Sector, AccelerateEU and the Electrification Action Plan, have confirmed the central role of smart meters in enabling consumer empowerment, flexibility, grid resilience and a more efficient energy system.

This year is particularly meaningful for me, as I have been honoured to be re-elected by our members to serve a further two-year term as President of ESMIG. I would like to sincerely thank our membership for the trust and confidence they have placed in me. I see this renewed mandate not only as a privilege, but also as a responsibility to continue strengthening ESMIG's role as the leading voice of Europe's smart energy solution providers. Together with our members, Board and Secretariat, I look forward to building on our achievements and advancing a secure, digital, competitive and sustainable energy future for Europe.

At the same time, we have advanced our work on interoperability, data access and cybersecurity, helping to create the foundations for a secure and digital energy future. Through our contributions to the Smart Energy Expert Group, the revision of the Measuring Instruments Directive, cybersecurity certification initiatives and the development of harmonised standards, ESMIG continues to promote practical solutions that benefit consumers, industry and society alike.

As Europe seeks to strengthen its competitiveness and strategic autonomy, ESMIG has also intensified its efforts to advocate for fair competition, secure supply chains and a level playing field for companies operating in the European market. These priorities are essential for ensuring that innovation, investment and technological leadership remain at the heart of the energy transition.

None of these achievements would have been possible without the expertise, commitment and active participation of our members. I would like to sincerely thank all those who contribute through our working groups and task forces. Their dedication continues to shape ESMIG's success and influence.

Looking ahead, we remain committed to helping build a smarter, more resilient and more sustainable energy system for Europe. I invite you to explore this Annual Review and discover the many initiatives and achievements that have defined our work throughout this year.

About ESMIG

ESMIG is the European voice of smart energy solution providers. We represent companies that provide products, information technology and services for multi-commodity metering, display and management of energy consumption and production at consumer premises.

These products and services help in making energy cleaner, more affordable and more reliable by enabling:

- **a precise overview of consumption and manageable demand**
- **customised tariffs and accurate bills**
- **better outage detection**

Information is at the core of our innovation

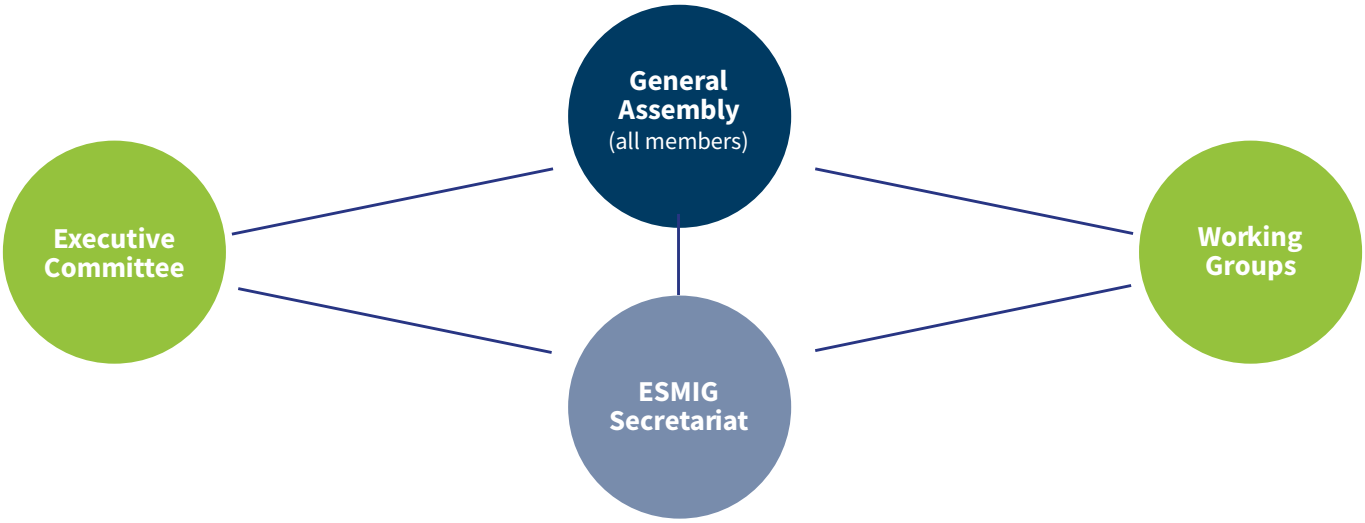
Our members' products and services provide the crucial ingredients in smart consumer energy management: they accurately measure, transfer and process energy related data while ensuring this data is relevant, safe and reliable.

We advocate for a regulatory framework that accelerates the introduction of our members' innovative products and services, which are fundamental to the smart energy and water systems of Europe's future.

We actively contribute to the creation of a competitive internal energy market by development of architectures and open standards that allow efficient implementation and integration of new energy management technologies and services.

Governance

The General Assembly of members meets two times per year to decide on the strategy, organisation and finances of the association.



Executive Committee

The Executive Committee, consisting of the President, Vice-President and elected members, meets on a monthly basis.



Javier Rodríguez Roncero
ESMIG President
Head of Strategic Sales at EYKON



Aleksander Skulic
President of the Executive Board at Meter&Control



René Böringer
Vice-President
Co-founder and CEO at Cuculus



Aleš Potočnik
Director of Technology Design Center at Iskraemeco



Mannu Rawat
Director of Technology Engineering and In-Life Change for CTO organisation at Data Communications Company



Luiz Gazulha Jr
Global Head of Public Affairs & Partnerships at Gridspertise



Apurv Johari
Director - Vice President of Product Management and Marketing for the Devices Business Unit at Itron

Working groups and Task Forces

Data Communication and Protection (DCP)

The focus of this group is monitoring and reviewing security regulations and removing barriers for data access, transfer, processing, and protection. Furthermore, this group evaluates communication technologies to get insight into applicability for smart metering.

Chair: **Neil Bosworth**, Wirepas

Energy Management Interoperability (EMI)

Focusing on demand-side flexibility and consumer engagement, this group tackles interoperability issues and identifies solutions that support a better integration of the demand-side in the energy market.

Co-Chairs: **Ferry Cserep,** Netinium **& Claus Conrads**, PPC

Marketing and Events (MEG)

This group defines and implements the communication strategy, including event participation and organisation, and involvement in exhibitions and conferences.

Chair: **Milan Milosevic**, Meter & Control

Multi-Utility Metering (MUM)

Diving into the metrological and legal aspects of the advanced metering infrastructure, this group supports the revision of product regulation based on technology advancements and it manages relationships with related industry associations.

Chair: **Henri Teboulle**, Sagemcom

Regulation and Policy (RPG)

The main goal of the group is maintaining a watch on EU regulatory and legislative developments which may impact any aspect of smart energy management in Europe. Members strive to ensure effective and coherent policy development and coordinate ESMIG's responses to political developments.

Chair: **Luiz Gazulha Jr**, Gridspertise

Cybersecurity Regulation (TF of the DCP Working Group)

With increasing security and privacy requirements on EU level, the main purpose of the task force is to identify, assess and actively respond to upcoming security requirements for smart metering products and services, originating from EU directives and regulations. Alignment and integration of the various regulations is an important objective.

Chair: **Anze Zaletel**, Iskraemeco

Interoperability Demo (TF of the EMI Working Group)

This group develops a multi-vendor interpretable architecture each year for display at the industry event, Enlit Europe.

Co-Chairs: **Ferry Cserep,** Netinium **& Milan Milosevic**, Meter&Control

Fair Competition in the Energy Sector (TF of the RPG Working Group)

With European companies facing unfair competition from third country producers in the EU market, this task force aims to Identify and discuss these challenges and propose concrete solutions at the EU level to ensure a fair level playing field for EU and non-EU competitors in the energy sector.

Chair: **Mauri Patrikainen**, Landis+Gyr

Standard Essential Patents (TF of the RPG Working Group)

The energy sector is facing a major challenge due to licensing practices of some Standard Essential Patent (SEP) owners. This task force aims to raise awareness of the difficulties and advocate and inform on solutions that will avoid negative impact on meter manufacturers and smart energy solution providers, and the competitiveness of the energy sector.

Chair: **Geoff Heaven**, Itron

Introduction to our work

ESMIG continues its mission to represent and advocate for the interest of its members, working closely with EU institutions, national governments, and industry partners. At a critical time for Europe's competitiveness and security, ensuring that smart metering and data-driven solutions are recognised as key pillars the clean and digital transformation of the energy system remains vital.

In 2026, after years of advocacy, **the EU has for the first time set binding, EU-wide deployment targets for smart meters**, cementing their role as critical digital infrastructure for Europe's electrification, competitiveness and energy security.

In the context of the adoption of the **Electrification Action Plan, the review of the Electricity Regulation** (July 2026), proposes that smart meters shall be subject to binding, EU-wide deployment targets: 50% of final customers by 2030 and 75% by 2033. Smart meters are no longer optional – they will become a legal requirement across the EU. The Electrification Action Plan also requires network tariffs to include time-of-use and capacity-based elements, provisions that depend entirely on the granular, real-time data that smart meters provide. While we welcome this milestone, the targets fall short of the ambition set out in our own position paper (60% by 2030 and 80% by 2032), and binding cybersecurity requirements for metering systems are still missing.

In May 2026, the long-awaited **Strategic Roadmap on Digitalisation and AI** in the energy sector focused on data and AI as central enablers of the future energy system. Together with the Clean Industrial Deal and the Affordable Energy Action Plan (both initiatives were adopted earlier in 2025), these initiatives increasingly frame smart meters as foundational infrastructure for electrification, consumer participation and data-driven grid management, and ESMIG engaged closely with decision-makers throughout to help shape this shift.

Consumer empowerment remains central to our work. The **Citizens Energy Package**, launched in March 2026 as a follow-up to the Affordable Energy Action Plan, places demand-side flexibility at the heart of efforts to lower household energy bills – recognising that flexibility depends on widespread smart meter deployment and efficient access to consumption data, and can deliver savings of up to 40% for active consumers.

A new ESMIG task force on **Grid Edge Communication** is developing standards and use cases for the interface between metering infrastructure and demand-side management applications, helping ensure that flexibility solutions can be deployed at scale and ensure they are interoperable across Europe.

On fair competition, we continued to press for a genuine level playing field for European industry. Our position paper on **the revision of EU public procurement rules** called for a differentiated approach to critical infrastructure tenders, with stronger non-price criteria such as cybersecurity and supply-chain resilience and contributed to the debate on "Made in Europe" criteria – arguing that Europe's strategic autonomy depends as much on innovation, cybersecurity and lifecycle management as on where a product is manufactured. We also engaged on the revision of the **Cybersecurity Act**, a crucial initiative to address potential non-technical cybersecurity risks from third country suppliers, welcoming its proposed trusted ICT supply chain framework. In our work with the EU institutions, we are highlighting smart metering as a key test case for trusted infrastructure.

Ensuring that smart meter data can be used to its full potential remained also a technical priority. As an active member of the European Commission's Measuring Instruments Working Group, we resubmitted our proposals as the Commission launched a stakeholder consultation on the full revision of the **Measuring Instruments Directive**, continuing to press for clarity on its overlap with the Cyber Resilience Act, including on submetering and re-certification after software updates.

Cybersecurity remained a defining focus of our work. ESMIG's Cybersecurity Task Force continued working with CEN/CENELEC and the European Commission on a harmonised standard for smart meter gateways under the **Cyber Resilience Act**. In parallel, our Protection Profile for Smart Meters was updated in 2026 to support certification under the EU Common Criteria framework, preparing manufacturers for a possible scenario in which third-party certification may be required.

Progress also continued on our work on the **Radio Equipment Directive**. Following the entry into force of its cybersecurity Delegated Act in August 2026, ESMIG has been finalising, together with other stakeholders, a CEN/CLC guidance document on applying the harmonised standards to smart meters, expected to be published before the end of the year.

Our involvement in the European Commission's **Smart Energy Expert Group** continued across all three subgroups – Data for Energy, Consumer Empowerment and Protection, and Cybersecurity – where our members contributed practical insights on data exchange use cases, the Electricity Market Design, and an overview of the cybersecurity legislation applicable to smart grid elements.

Visibility at events and collaboration with partners remains central to our mission. At Enlit Europe 2025 in Bilbao, ESMIG members brought interoperability to life through a hands-on demonstration spanning the full journey from smart meters and home appliances at the grid edge to Head End Systems and MDM environments. This work will continue at Enlit Europe 2026 in Vienna where ESMIG and its members will be present. In February 2026, we returned to E-World energy & water in Essen with a community booth and a forum session on the transition from ageing grids to smart infrastructure.

2026 has shown that years of ESMIG advocacy are translating into binding EU policy and steering legislation in a direction to addresses key challenges our sector is facing. Our focus now turns to ensuring they are implemented effectively, so that system operators, market players and all consumers can benefit from a secure, efficient and digitalised energy system.

Tomás Llobet,
ESMIG Managing Director

Willem Strabbing,
ESMIG Technical Director



Highlights

A snapshot into our achievements and what has kept us busy

1

Policy Work

Advocacy and the development of position papers on key priorities:

- The Regulation on Future-Proofing Electricity Prices.
- The revised Cybersecurity Act.
- The revision of EU Public Procurement.
- The Industrial Accelerator Act.

2

Events

Exhibited at E-World Energy & Water and hosted a forum session with members exploring how to accelerate the energy transition across Europe and the role of smart metering as a cornerstone of smart grid infrastructure.

3

Events

Exhibiting at Enlit Europe in November 2026 alongside members, demonstrating the journey from smart meters and home appliances at the grid edge through different communication networks, Head End Systems and MDM environments, highlighting how secure data exchange supports seamless, end-to-end operations and the management of flexibility.

4

Technical work

Working with smart meter stakeholders on a guide for the application of the harmonised standards of the Radio Equipment Directive for smart meters.

5

Technical Work

Member of the European Commission's Measuring Instruments Working Group, providing feedback for the revision of the Measuring Instruments Directive.

6

Technical Work

Member of the European Commission's Smart Energy Expert Group, supporting issues regarding the digital transformation of the energy system and deployment of smart energy solutions..

7

Technical Work

Working with the European Commission and stakeholders on harmonised standards for smart meter gateways related to the Cybersecurity Resilience Act, developing a smart meter gateway definition that will be certified and listed as a Delegated Act.

8

Technical Work

Launched H1 Interoperability Report focusing on the definition of a standard data set to be provided through the H1 interface, defining interoperability requirements.

9

Technical Work

Members of the CEN/CLC JTC13 WG8 on cybersecurity and data protection, developing a guidance document on how to apply the harmonised standards for smart meters with cybersecurity requirements for the Radio Equipment Delegated Act.



Our **work**

Ensuring smart metering brings tangible benefits for consumers and society

With a continued focus on the digital and clean energy transition in Europe, the smart metering industry is more important than ever.

Smart metering technologies are driving the shift to a flexible, and greener energy system, with clear benefits for empowering consumers. Increased efficiency, savings on energy bills and reduced system costs are tangible economic benefits available today.

While we support an ambitious energy transition, unlocking the full value of smart meter data is essential to deliver innovative services and fully realise the technology's potential.

To make this happen, we are actively working with European Institutions and stakeholders to accelerate smart meter rollout and promote a supportive framework that maximises the benefits of our members' technologies, services and solutions.



Delivering the digital and green transition

Our work supports and accelerates the digital and green transition. Deploying clean technologies is key to building a smarter, more efficient, and sustainable energy system. The swift implementation of the Clean Energy Package and the European Green Deal initiatives are essential to achieve these goals, and we strongly support the EU's agenda towards climate neutrality by 2050.

The European Commission's two new flagship initiatives, the Clean Industrial Deal and the Affordable Energy Action Plan, will continue to shape Europe's path towards clean energy, electrification and industrial competitiveness.

Closely connected and supporting these legislative pillars, we gladly welcomed new initiatives in 2026: The Strategic Roadmap on Digitalisation and AI in the energy sector, AccelerateEU, the Electrification Action Plan and a targeted amendment to the Electricity Regulation. Together, these initiatives increasingly recognise smart meters as critical digital infrastructure that enables electrification, consumer participation, flexibility and data-driven grid management.

In parallel, ESMIG contributes to discussions on Europe's industrial competitiveness and strategic autonomy. As highlighted in our work on the Industrial Accelerator Act, the value of critical energy infrastructure technologies such as smart meters extends beyond manufacturing and assembly. Strategic value increasingly lies in innovation, product design, software, cybersecurity and lifecycle management, all of which are essential to delivering secure, resilient and future-proof energy systems.

Strategic Roadmap on Digitalisation and AI supports smart meter rollout

In May 2026, the long-awaited Roadmap was launched, positioning data and AI as central enablers of the future energy system with grids and smart meters recognised as foundational infrastructure. A key development is the announcement of a legislative proposal to accelerate the rollout of smart meters, including the introduction of a minimum deployment level across Member States. This is a great development and reflects a clear policy shift towards EU-wide scaling of smart metering. Importantly, it recognises that electrification, digitalisation and flexibility require the deployment of smart meters as the trusted interface between consumers and an increasingly digital and decentralised energy system. With this important shift, ESMIG has been in conversation with key decision-makers regarding smart meter deployment and targets.

Accelerate EU initiative recognises critical role of smart meters

The announcement of the AccelerateEU initiative in April 2026 marks an increased effort to accelerate the clean energy transition and address the energy price crisis and strengthening energy independence. It places a strong importance on digitalisation and smart energy systems and recognises that smart meters empower consumers to lower their energy bills and respond to prices signals by adjusting their demand. A particularly important development, welcomed by ESMIG, is the call for all Member States to deploy smart meters to cover at least 50% of final consumers by 2031.

This is the first time in over a decade that the Commission has introduced a concrete target for smart metering. While this falls short of the level of ambition advocated for by ESMIG in our Manifesto, it is a step in the right direction.

In another positive move, it acknowledges a fundamental reality: Without smart meters, the foundational digital infrastructure, the energy transition will not happen at scale. ESMIG will continue to engage with policymakers to ensure that these proposals are translated into effective measures that unlock the potential of smart energy solutions.

Electrification Action Plan adopted

Launched in July 2026, the Action Plan covers network charges, smart grids, data exchange and smart metering and aims to boost competitiveness, decarbonisation and energy independence. In a positive step, it brings the first-ever binding EU-wide smart meter deployment targets: 50% of final customers by 2030 and 75% by 2033. This means that smart meters are no longer optional – they are now a legal requirement across the EU. The introduction of binding targets sends an important policy signal that smart metering is recognised as a key enabler of electrification and a more digital and flexible energy system.

In further good news, network tariffs must now include time-of-use and capacity-based elements – provisions that only work with the granular, real-time data smart meters provide and smart metering is explicitly named as an enabler of flexibility-based, cost reflective tariff design.

Despite these positive developments, the targets fall short of those asked for in our position paper: 60% by 2030 and 80% by 2032. Additionally, a certified-metering-points metric, explicit functional requirements, and an updated cost-benefit approach for full rollout is missing. Referenced cybersecurity and resilience requirements for metering systems are a good start but need to be stronger and binding.

While ESMIG welcomes these developments, a more ambitious proposal could have made an even greater impact. We look forward to working with policymakers to support the implementation of the initiatives and the completion of smart meter rollout across the EU!

Ensuring the use of smart meter data to its full potential

The granular information about consumer patterns and performance that can be provided through smart metering data is crucial for the energy transition. This data can benefit all actors in the energy market including consumers, network operators, such as DSOs and TSOs, and market players, such as energy suppliers and innovative service providers.

For For the data-driven benefits to be used to their full potential, we need to ensure that the data available is transferred, processed, and analysed in the best way. It also needs to be assessed in a safe, efficient, and non-discriminatory way by all authorised participants in the energy market.

To achieve this, our goal is to find the best technical solutions that can ensure this process while advocating for lifting barriers on data access, sharing and use and for standards that detail requirements for data and a universal approach across Member States.

ESMIG participates in the Smart Energy Expert Group, in the subgroup Data for Energy, working on use cases for the data exchange related to flexibility services, smart charging and energy efficiency of buildings. Furthermore, the subgroup supports EU member states in sharing best practices and successful projects on data access and exchange.

Revision of the Measuring Instruments Directive

As an active member of the European Commission's Measuring Instruments Working Group, ESMIG has been vocal in arguing that the Directive is no longer fit for purpose. The current version was introduced in 2014 and huge technological developments in smart metering have occurred since then.

Since 2023 we have been supporting the revision and have provided feedback to DG ENER and DG GROW of the European Commission on numerous occasions, as well as writing proposals for several elements including gas metering, electricity metering and EV charging.

DG GROW works on two tracks in parallel: a short-term track leading to technical amendments of the Annexes and a long-term track for a full revision of the Directive. In February 2025 the technical amendments were published. A part of our proposals was incorporated (such as the use of a metrologically and legally relevant external display) and a part will be processed during the full revision.

In mid-2026, the Commission began organising a stakeholder consultation for suggestions for the full revision of the Directive and ESMIG has re-submitted its proposals for amendments. ESMIG has continued to communicate our position regarding the overlap with the Cyber Resilience Act: submeters should be in scope when used as a basis for billing, and an extension of the conditions when re-certification is not needed after a software update.

Advocating for security of the advanced metering infrastructure

All over Europe, companies have created impressive technologies for smart metering and home energy management. However, solutions are not yet connected in a way that can truly empower consumers and maximise savings. If products and systems cannot communicate with one another, the benefits they promise cannot be realised. Therefore, interoperability is crucial in engaging consumers to participate in the management of their energy usage.

Additionally, security of the advanced metering infrastructure is essential in gaining consumer trust and protecting their data, as well as the system from attacks. Recognising this, we have made it our priority to advocate for and promote the importance of security and interoperability.

Smart meter gateway definition in the Cybersecurity Resilience Act

In March 2024, the European Parliament officially approved the Cybersecurity Resilience Act (CRA), with it being published in the EU official journal in October 2024.

Since then, ESMIG's Cybersecurity Task Force has been working on advocating for a clear definition of the ''smart meter gateway'' that is listed in the ''critical category'' of the Act as there are many different types of gateways in use in Europe. In 2024, together with other smart meter stakeholders, ESMIG created a detailed definition, based on the German Smart Meter Gateway, that was used as input by the European Commission for the development of an Implementing Act containing technical definitions of products in the important and critical CRA categories.

In 2025 and 2026 ESMIG's Cybersecurity Task Force has continued working with CEN/CENELEC and the European Commission on the development of a harmonised standard for all types of smart meter gateways that are in use in Europe, including Data Concentrators. The standard is expected to be published by the end of 2026. Having harmonised standards benefits manufacturers because they give a ''presumption of conformity'' and a common approach for the assessment of the product.

Participation in the Stakeholder Cybersecurity Certification Group

As a long-time member of the Stakeholder Cybersecurity Certification Group (SCCG), we continue to support DG CNECT of the European Commission in their work to develop certification frameworks. The EU Common Criteria (EUCC) framework for cybersecurity certification was finalised at the end of 2023, with ESMIG having provided extensive feedback. Its application is required since February 2025. This is an important achievement and ensures a common certification framework based on international standards across the EU. The Cyber Resilience Act (CRA) enables the use of EUCC to prove compliance with the essential requirements of the Act. Therefore, by using EUCC and ESMIG's Protection Profile for Smart Meters, we have an instrument to prove compliance of smart meters with the CRA. The profile has been updated for EUCC and CRA compliance in the first half of 2026 and the aim is to have the profile certified by an accredited EUCC authority and listed in the Delegated Act of the European Commission that contains all profiles approved for CRA compliance. This way, we are prepared for a situation where the EU or a Member State requires a third party certificate for the smart meter.



Cybersecurity requirements for the Radio Equipment Directive

As active members of the CEN/CLC JTC13 WG8 on cybersecurity and data protection, we have been involved since 2024 in the development of harmonised standards with cybersecurity requirements for the Radio Equipment Delegated Act. In March 2024, the text was approved, with smart meters included in the scope of harmonised standards. This was a success as it meant that smart meter manufacturers can use this standard to prove compliance with the Act.

Since then, ESMIG's Cybersecurity Regulation Task Force, together with other smart meter stakeholders, has been developing a guidance document that details how to apply the harmonised standards for smart meters and the aim is to have it published as a CEN/CLC Technical Report. The Delegated Act came into force on 1 August 2026, and the CEN/CENELEC version of the guidance document is expected to be published before the end of 2026.

Additionally, we are participating in the cybersecurity subgroup of the EU Smart Energy Expert Group that is working on an overview of cybersecurity legislation and standards that apply to smart grid elements. The final report lists detailed information of European security regulation and directives and identifies overlaps in legislation. This work has been completed but the subgroup will continue its work to update and maintain the report. In the meantime, the subgroup is selecting new topics to focus on in the coming months.

Driving the deployment of flexible demand-side resources to support the EU's clean energy transition

Demand-side flexibility will play a key role in fulfilling the energy transition. It benefits and empowers consumers but also reduces system costs and facilitates renewable integration.

To reap the benefits, demand-side flexibility requires customers to adapt their energy consumption in response to market signals, depending on the availability of energy generated by sustainable resources. For this to happen, consumers must be able to manage and track their energy consumption. Smart metering systems are necessary as they are used for measuring and communicating consumption. As such, they form the basis for a flexible demand-driven energy market.

A new ESMIG task force is investigating the developments in "Grid Edge Communication". The group will create a list of relevant communication standards and flexibility Use Cases for the information exchange between the metering infrastructure and demand-side management applications.

ESMIG's involvement in the Smart Energy Expert Group

ESMIG was invited to join the European Commission's Smart Energy Expert Group (SEEG) which launched in October 2024, building on the work of its predecessor, the Smart Grids Task Force. The aim is to assist the Commission on issues regarding the digital transformation of the energy system, and in the development and deployment of smart energy solutions that support and are strategically aligned with the goals of the green and digital transition.

It brings together the European Commission, Member States and key stakeholders and is divided in three specialised groups: Data for Energy (D4E), Consumer Empowerment and Protection (CEP) and Cybersecurity.

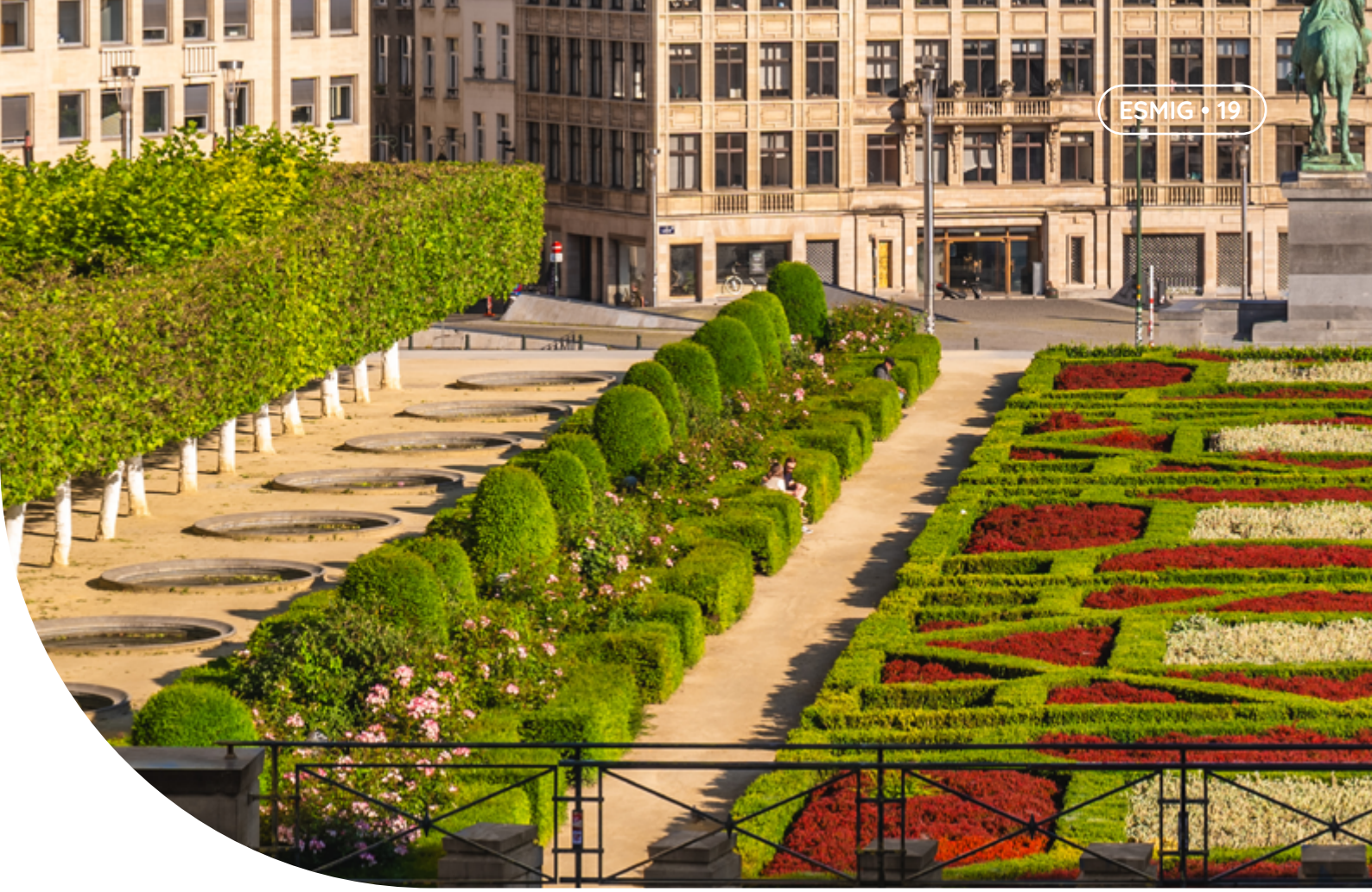
Within the SEEG, the D4E and CEP subgroups held their first meetings in November 2024, while the Cybersecurity subgroup has been established only in May 2025. ESMIG has representatives in all subgroups. The CEP subgroup began with collecting information about relevant Use Cases in its scope and finishing a report about the EU Electricity Market Design.

Citizens Energy Package aims to accelerate transition to cleaner energy sources

As a follow-up to the Affordable Energy Action Plan, the Package was launched in March 2026 and sets out proposals to empower EU citizens as energy consumers, aiming to accelerate the transition towards cleaner energy sources while ensuring citizens can be actively involved and protected.

Concrete actions include lowering energy bills for households, protecting and empowering consumers and tackling energy poverty. An essential part of empowering consumers, is demand-side flexibility, which is a cornerstone of the Citizens Energy Package.

This allows individuals to become ''active consumers'' by allowing households to use smart devices, such as smart meters, to adjust their electricity use in response to price fluctuations, yielding up to 40% in potential savings and lowering total system costs.



The Citizens Energy Package also recognises that flexibility relies on widespread smart meter deployment and efficient access to consumption data. It highlights that smart metering systems provide the data needed for flexibility services and enable consumers to better manage their energy consumption and respond to market signals. Improved access to relevant data can further facilitate automation, enhance the consumer experience and support effective participation in the electricity market while ensuring strong data protection. By recognising the central role of smart metering in flexibility and consumer empowerment, the Citizens Energy Package further strengthens the case for smart meter deployment across the EU.

In addition to contributing to the affordable energy priority, the Citizens Energy Package supports the Clean Industrial Deal and the AccelerateEU plan and is aligned with EU electrification and digitalisation strategies.

Advocating for fair competition in the energy industry

Companies in Europe are increasingly faced with unfair competition from third country producers in the EU market.

In the absence of a true international level playing field, third country producers who are subsidised by their governments and are entering the EU single market, can afford to successfully compete with lower prices against European companies that are subject to EU State aid control.

ESMIG strongly defends open markets and free competition as indispensable pillars for innovation, technology development and a well-functioning economy. However, competition needs to be fair and transparent.

The importance of a level playing field in the smart energy industry

The creation of ESMIG's Fair Competition in the Energy Industry Task Force in 2020 came at a crucial time. With the European Commission's White Paper on foreign subsidies and the 2021 proposal for a Regulation on Foreign Subsidies Distorting the Internal Market, concerns over market distortions were garnering more attention.

Unfair practices by third-country producers in the Single Market, especially those posing risks to grid safety, privacy, and data security, made this regulation a key priority.

In 2021 and 2022, we published two position papers highlighting the risks and calling for urgent legislation to uphold high standards. We also actively promoted our position to EU institutions, with the European Parliament and Council adopting their positions in May 2022.

ESMIG supported the European Commission's proposal for prior notification of foreign financial contributions in public procurement. However, many key industries remain excluded due to the proposed threshold. We welcomed the final Regulation adopted in November 2022, which included references to "critical infrastructure"—an important improvement that recognises our industry's unique concerns.

Then in 2025, the Fair Competition Task Force developed a new position paper focusing on three main issues related to public procurements: notification of foreign subsidies, abnormally low prices, and non-price criteria.

In a nutshell, the paper details actions that should be taken to strengthen cybersecurity, contract award criteria, address non-compliance with EU rules and standards, tackle abnormally low tenders, and be stricter in terms of buyer accountability. Later in 2025, ESMIG shared its recommendations for the review of the Foreign Subsidies Regulation, highlighting the unfair competition European companies are facing from third country producers having access to the EU's internal market.



In continuing our efforts in 2026 to promote a level playing field in the internal market, ESMIG's latest position paper on the revision of EU public procurement rules calls for a differentiated approach to critical infrastructure tenders to strengthen Europe's competitiveness, security, and strategic autonomy. The paper highlighted the importance of strengthening non-price criteria in critical infrastructure procurement, including cybersecurity, supply-chain resilience and long-term security of supply. It also contributed to the discussions on "Made in Europe" criteria, emphasising that Europe's competitiveness and strategic autonomy increasingly depend on value created through innovation, product development, cybersecurity and lifecycle management.

ESMIG also engaged in discussions on the revision of the Cybersecurity Act and welcomed the proposed trusted ICT supply chain framework. In its position paper, ESMIG highlighted that cybersecurity is no longer only a technical compliance issue, but also a matter of critical infrastructure resilience, economic security and strategic autonomy. The paper identified smart metering as a key test case for trusted infrastructure and underlined the importance of addressing dependencies on potentially high-risk suppliers from third countries in critical energy infrastructure.

ESMIG will continue to engage with policymakers to promote fair competition, strengthen Europe's industrial resilience and support its long-term competitiveness.



Event participation in Europe

To expand ESMIG's reach, and present our association and members, we participate in numerous events around Europe each year. This provides the opportunity to not only make connections with fellow players in the energy industry but also highlight the key areas that we are working on and, with the crucial support of members, advocate for a green and digital energy transition that fosters the uptake and rollout of smart energy solutions for empowered consumers.

Connecting the grid edge: Interoperability in action at Enlit Europe

Each year we join the industry event Enlit Europe alongside our members. As a key focus, with more smart meters being installed, the potential of using meter data for the benefit of consumers and grid operators is rising exponentially.

To highlight this, we develop an interoperable architecture, showcasing the latest technology and solutions developed by our members. At Enlit Europe 2026 in Vienna, Austria, ESMIG members bring interoperability to life through a hands-on demonstration of how innovative technologies work together across the energy ecosystem. The demonstration follows the journey from smart meters and home appliances at the grid edge through different communication networks, Head End Systems and MDM environments, showing how secure data exchange supports seamless, end-to-end operations and the management of flexibility.

By connecting solutions from multiple technology providers, the demonstration highlights how standards-based interoperability enables utilities to manage smart meter operations more efficiently, while creating the foundation for greater flexibility and accelerating the energy transition.

As each year brings new ideas and innovation, we invite everyone to visit our booth at the event to see us demonstrate exciting technologies and solutions that look to the future!

Unlocking flexibility and digitalisation: ESMIG and members exhibit at E-World energy & water

In February 2026, ESMIG exhibited at E-World energy & water in Essen, Germany, with a community booth. Gathering ESMIG members to share their individual expertise, we also hosted a forum session titled "From ageing grids to smart infrastructure: unlocking flexibility and digitalisation". This session gathered ESMIG members as panelists to discuss accelerating the energy transition across Europe and the role of smart metering as a cornerstone of smart grid infrastructure. We will be back at E-World in 2027 – keep an eye out for our forum session sharing more key insights into crucial topics for smart metering and smart energy solutions!


AI GENERATED



Our Members

Data in 2024

Revenue

Total revenue of ESMIG member companies: Approx.
4 billion Euro

The revenue of the biggest company in ESMIG:
2.47 billion Euro

In Europe

Smallest company revenue in the ESMIG membership:
+0.5 million Euro



Employees

Total employees of ESMIG member companies:
32,796

Smallest company:
18

Largest company:
9,200



Reach

ESMIG members cover
all European countries

and some of them more than
180 globally

ESMIG member factories/software development centres in Europe:
41



In Europe

ESMIG member headquarters in Europe:
24

Our Members

APATOR

Avance Metering

CUCULUS

Data Communications Company

EDMI

efr

ELGAMA

eykon

gridspertise
accelerating your electric future

IDEMIA SECURE TRANSACTIONS

iskraemeco
BY ELSEWEDY ELECTRIC

Itron

kamstrup

LOGAREX Smart Metering a.s.

METER&CONTROL
solutions for smart energy management

MICROEJ
SOFTWARE-DEFINED EVERYTHING

ME MIKROELEKTRONIKA A.D.

NETINIUM
The smart energy platform

NITES
KNOWLEDGE & COMMITMENT

PPC
Power Plus Communications

Sagemcom

sense

Sigma Telas

Wirepas

Brussels **Team**

Your contacts in the ESMIG Secretariat

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ESMIG

WE MAKE ENERGY SMART

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