



The strong voice of European Electrical, Electronic and Information Technology Engineers

Europe and the entire world are facing significant energy, climate and security policy challenges. Electrical, Electronic and Information Technology Engineers can and must make an important contribution to stability in Europe with their know-how. We as EUREL are also challenged to advance technological solutions for the benefit of the people and to support our democratically elected politicians – all across Europe.

Focus on two objectives

The Convention of National Associations of Electrical, Electronic and Information Technology Engineers of Europe (EUREL) establishes the framework for stability

in Europe. The first is to connect our engineers from young to old across Europe and beyond. The organisation facilitates an inspiring exchange and contributes specifically to sharing important approaches to solutions. Furthermore, we provide know-how and knowledge. The focus is especially on politics and authorities in Brussels. The expertise of the EUREL network can also be used in the member countries. We want to contribute to ensuring that political decisions are based on the latest facts and findings and that important technological topics receive the appropriate attention in politics and society.

Challenges that need to be solved across borders

A technologically united Europe is an absolute necessity. Only together we can master key issues such as:

- **Technological Sovereignty:** From microchips to e-mobility to AI. Europe is facing extremely fierce competition. Beijing, for example, set their goal of technological world leadership years ago.
- **Climate Protection:** We need more innovations for this common task. Europe's diversity – see the special expertise in hydropower in Northern Europe, solar technology on the Mediterranean and hydrogen in the heart of the continent – holds enormous potential.
- **Resilience:** More urgently than ever, Europe needs to strengthen its resilience, especially in the CRITIS sectors. Functioning power and communication networks, sufficient energy and secure supply chains must be ensured.

Links

- www.eurel.org
- [EUREL – 50 Years](#)
- [EUREL on LinkedIn](#)
- [EUREL Young Engineers Panel – EUREL YEP](#)
- [European Future Technology Summit – EFTS](#)
- [EUREL International Management Cup – IMC](#)
- [EUREL Fieldtrip](#)
- [EUREL PhD Best Paper Award](#)
- [EUREL Committees](#)
- [EUREL Position Papers](#)

- **Cyber Security:** Parliaments, public authorities and businesses are increasingly under attack. Cross-border alerts, common security strategies and shared security awareness in projects such as GAIA-X need to be organised.
- **Trusted Identity:** Bots – whose photos, videos and conversations are deceptively real – are increasingly being used for manipulation. This creates a massive danger for democratic decision-making. Authentic pseudonyms, which are being established throughout Europe, offer a way out.
- **Shortage of Specialised Personnel:** There is a shortage of electrical engineers all over Europe. Professional associations, universities and education policy must finally find answers in cooperation instead of thinking in terms of national borders.

We offer: High impact, efficient structures

For EUREL and its leaders, one principle is absolutely clear: we want to achieve the highest possible impact with the fewest possible resources. For our members, our contacts in politics and authorities, and for Europe as the world's leading location for electrical engineering, electronics and information technology. With an office and a General Secretariat in Brussels EUREL is accordingly lean and effective in the heart of the European Union.

EUREL is based on the commitment and cooperation of its members. Working structures and benefits at a quick overview:

- **Networking Opportunities:** EUREL has been on the ground in Brussels for years and is in contact with top politicians, authorities and the media. The General Secretariat supports members in establishing contacts.
- **Encouraging Exchange:** EUREL offers structures to exchange with more than 80,000 engineers in the fields of electrical engineering, electronics and information technology in Europe and Israel. Whenever conferences are planned, members invite each other. No other organisation can offer anything comparable.
- **Working on relevant topics:** Engage with international experts in our EUREL Committees and tackle important issues from around the globe. Members can participate in workshops and events to raise awareness, benefit from collaborations and networking opportunities to leverage resources and expertise.
- **Disseminating Positions:** EUREL regularly publishes studies and positions that have been approved in advance through an efficient circulation procedure. These are usually based on papers that a EUREL member organisation has already produced at national level. Duplication of work is thus avoided.
- **Using Local Representation:** Members have access to a fully equipped office free of charge at EUREL's Brussels Representation, which can be used for short stays in Brussels. Meetings with several people are also possible free of charge.

EUREL Young Engineers Panel (YEP)



Students and young engineers of EUREL have to solve future tasks. EUREL specifically addresses the next generation of European engineers with the **International Management Cup (IMC)**: Up to 200 young people can take part in the annual online-based business simulation game. The award ceremony for the first three places is held at the EUREL EFTS in Brussels. Second example is the annual **EUREL European Future Technology Summit – EFTS @Brussels**: Young students and professionals visit Brussels for three days, get insights into the political processes, visit the EU Parliament and meet top representatives, and network with peers from across Europe. The annual **EUREL Field Trip** offers students and young engineers from EUREL's member associations the opportunity to get to know the different member countries of EUREL. The **PhD Best Paper Award** is for all active and accomplished PhD students at EUREL. We support their dedication and groundbreaking research with outstanding scientific achievements that deserves recognition.



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