

# EUREC Network 2021

Three opportunities for EUREC's members to collaborate in 2021: a brokerage on power electronics topics in Horizon Europe with [ENSIEL](#) and [ECPE](#), plus

## 14-member project proposal to Horizon Europe

EUREC coordinated a proposal to offer [training in the sustainability of renewable energy technology](#), where teaching materials for our Masters courses and new courses for professionals will be created.

## Public online conference

### Strength through Cooperation: Europe's PV value chain working together

Europe can make it big in PV cell and module manufacturing, but there's minimal cell manufacturing in Europe today. If cell manufacturing returns, there risks being a shortage of wafers and later polysilicon. "Strength through cooperation" sent the message that the whole supply chain in the EU must get ready for the TW era.

EUREC had also been a partner in the organisation of ETIP-PV's similar event earlier in 2021.

## New members



Institut Photovoltaïque  
d'Ile-de-France and  
Technische Hochschule  
Ingolstadt joined EUREC  
network in 2021.

9 JUNE 2021  
184 PARTICIPANTS  
18 EXPERTS  
KEY CONTRIBUTION  
FROM ISC KONSTANZ

35 

EUREC members

416   
participants



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# Network

# EUREC Policy Advocacy 2021

2021 was the year the European Commission unveiled the Delivering of the European Green Deal legislative package, which proposes a target of 40% renewable energy in EU final energy consumption by 2030. EUREC was in the press, pushing its key messages in June, July and September.

## Key messages

### A Renewable Energy Directive catering for innovative technology

We pushed for a target for a specific share of the overall 40% target to be supplied by innovative technology, which may be more efficient, longer-lasting, leaner its in manufacture, meet the needs of a new category of customer or tap a hitherto largely untapped resource. If the target is introduced, we then want Member States to create tailored support schemes to meet it.

### Bigger datasets = new insights = cheaper energy

EUREC wants the power of 'Big Data' to be applied to data from operating renewable energy plants. The bigger the datasets, the more insights can be detected. Researchers could use them to develop better models for the energy system, its components and subcomponents. EUREC guided MEPs towards specific ways to support sharing in the "Delivering the European Green Deal" package.

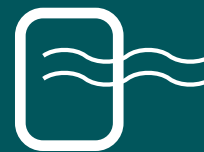
## Support letters



with Brussels-based allies



With Brussels-based renewable energy associations: policy requests on future renewable energy directive (April 2021)



With NGOs: policy requests on "Delivering the European Green Deal" (May 2021)



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# Policy Advocacy

# EUREC Projects 2021

EUREC supports its members in Horizon 2020 or Horizon Europe projects by managing Communication and Dissemination work and feeding results to Brussels-based policy makers.

The European Technology and Innovation Platform on Renewable Heating and Cooling (RHC-ETIP) published a strategic report on industry's implementation of previously identified RD&I priorities and deployment trends of the renewable heating and cooling technologies, as well as three strategic research and innovation agendas (SRIA), which were produced by solar thermal, heat pumps and geothermal technology panels.

The SMARTSPEND project closed in November 2021. Highlights include a well-received catalogue of funding instruments, two editions (May, Nov) of its Access to Risk Finance conference bringing technology developers in contact with investors and contact with Member State ministries to discuss concrete national support for the EU's Strategic Energy Technology (SET) Plan.

8 ONGOING PROJECTS  
EU FUNDED



EUREC leads the communication & dissemination.  
[www.w4res.eu](http://www.w4res.eu)



EUREC supports the dissemination & communication.  
[www.res4live.eu](http://www.res4live.eu)



EUREC is the Scientific Coordinator.  
[www.rhc-platform.org](http://www.rhc-platform.org)



EUREC edits the ETIP's major documents and provides policy guidance  
[www.etip-pv.eu](http://www.etip-pv.eu)



EUREC leads the Technology Roadmap and the R&I agenda.  
[www.hydropower-europe.eu](http://www.hydropower-europe.eu)



EUREC leads the communication & dissemination.  
[www.ship2fair-h2020.eu](http://www.ship2fair-h2020.eu)



EUREC is the coordinator.  
[www.pvimpact.eu](http://www.pvimpact.eu)



EUREC leads the Technology Roadmap & the R&I Agenda.  
[www.tracer-h2020.eu](http://www.tracer-h2020.eu)



6055  
followers  
on social media



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EU-funded projects

# EUREC Education 2021

## Educating tomorrow energy experts

EUREC promotes the development of a highly qualified and trained workforce for the renewable energy sector through the coordination of two European Masters in Renewable Energy.

11 UNIVERSITIES



Technological University of Shannon is offering the core semester of the SESyM programme in their Limerick campus as from September 2022. EUREC students will be able to choose Ireland to study SESyM!



**EMRE** The aim of the European Master in Renewable Energy (EMRE) is to train post-graduate students to fill the gap between the growing industry demand for specialised renewable energy expertise and the skills currently available on the job market.

For those with a Bachelor degree in engineering or a scientific discipline (e.g. physics, chemistry, mathematics...)

[www.master.eurec.be](http://www.master.eurec.be)



**SESyM** The European Master in Sustainable Energy System Management (SESyM) focuses on the multidisciplinary aspects of energy systems. It provides management and communication skills, as well as the necessary technical knowledge to tackle the challenge of the energy system transition.

For those with a background in economics, social sciences, management or studies providing a systemic point of view.

[www.sesym.eurec.be](http://www.sesym.eurec.be)



68 students from 26  
different nationalities

100%  
of satisfied students  
for the EMRE programme



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# Education