

Smart grid competence hub for boosting research, innovation and educational capacities for energy transition

Fact Sheet

Project information

SMAGRINET

Grant agreement ID: 837626

Status

Ongoing project

Start date

1 April 2019

End date

30 September 2021

Funded under:
H2020-EU.3.3.

Overall budget:
€ 1 999 750

**EU contribution
€ 1 999 750**

Coordinated by:
TALLINNA TEHNIKAULIKOOL
Estonia

Objective

SMAGRINET engages 9 organizations from 6 countries: 6 high-level energy education and research institutions (2 involving their SSH institutes), an electricity industries union, strategic planning, an innovation management and RRI consultancy and a professional communications agency.

Strategic objective of SMAGRINET is to develop a generation of researchers and engineers who are equipped to develop, improve and deploy new energy technologies in order to meet the challenges of the energy transition.

Direct objective: to create smart grid competence hub for enhancing the capacities of the European universities in energy research, innovation and education and engage with industry, cities, regions and other key societal actors.

Operational objective: to update, develop and implement a capacity building programme for boosting the research, innovation and education for energy transition.

The objectives will be achieved by implementing a set of 6 WPs with the following main outputs:

- Operation of the competence hub for collaboration and knowledge sharing, defining and validating the matrix of key challenges and cases in the smart grid area to be addressed by the capacity building programmes;
- A set of 3 challenge and case-based modules (prosumers, connections, price and society) for master students (MA, MSc or ME) involving SSH and industry, complemented by simulation session and international mobility to the enterprises; 240 master students educated in the 2 rounds of piloting;

- 3 short-term (3 months) blended learning programmes addressing the urgent skills needs with 720 participants (240 from each target group) in the 2 rounds of piloting;
- Online trainers' methodological manuals, 50 trainers trained as part of the train the trainers' pilot ready for replicating the modules and/or blended learning programmes;
- Dissemination and communication programme reaching out at least to 100 energy communities, 5.000 related stakeholders and 100.000 general public.

Field of Science

/social sciences/psychology/cognitive psychology/mental processes/learning

Programme(s)

[H2020-EU.3.3. - SOCIETAL CHALLENGES - Secure, clean and efficient energy](#)

Topic(s)

[LC-SC3-CC-5-2018 - Research, innovation and educational capacities for energy transition](#)

Call for proposal

H2020-LC-SC3-2018-NZE-CC

[See other projects for this call](#)

Funding Scheme

CSA - Coordination and support action

Coordinator



TALLINNA TEHNIKAULIKOOL

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Estonia

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Activity type

**Higher or Secondary
Education Establishments**

EU Contribution



€ 235 875

Participants ⁽⁸⁾

 **UNIVERZA V LJUBLJANI** EU Contribution
 **Slovenia** **€ 208 125**



Address Activity type
Kongresni Trg 12 **Higher or Secondary**
1000 Ljubljana **Education Establishments**

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 **TECHNISCHE UNIVERSITAET DRESDEN** EU Contribution
 **Germany** **€ 323 125**



Address Activity type
Helmholtzstrasse 10 **Higher or Secondary**
01069 Dresden **Education Establishments**

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 **GLOBAZ, S.A.** EU Contribution
 **Portugal** **€ 116 500**

Address Activity type
Largo Luis De Camoes **Private for-profit entities**
Edificio Rainha Piso 12 **(excluding Higher or**
3720 232 Oliveira De **Secondary Education**
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 **CIVITTA EESTI AS** EU Contribution
 **Estonia** **€ 118 125**

Address Activity type
Riia 24 A **Private for-profit entities**
51010 Tartu **(excluding Higher or**
Secondary Education
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KAUNO TECHNOLOGIJOS UNIVERSITETAS

Lithuania

EU Contribution

€ 107 125

Address

**K Donelaicio 73
44029 Kaunas**

Activity type

**Higher or Secondary
Education Establishments**

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TECHNISCHE UNIVERSITAT BERLIN

Germany

EU Contribution

€ 341 375

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10623 Berlin**

Activity type

**Higher or Secondary
Education Establishments**

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EESTI ELEKTRITOOSTUSE LIIT

Estonia

EU Contribution

€ 203 375

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Activity type

Other

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UNIVERSITE DE LORRAINE

France

EU Contribution

€ 346 125

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54052 Nancy Cedex**

Activity type

**Higher or Secondary
Education Establishments**

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