



ASSET

A holistic and Scalable Solution  
for Research, Innovation and Education  
in Energy Transition



[www.energytransition.academy](http://www.energytransition.academy)



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## The project

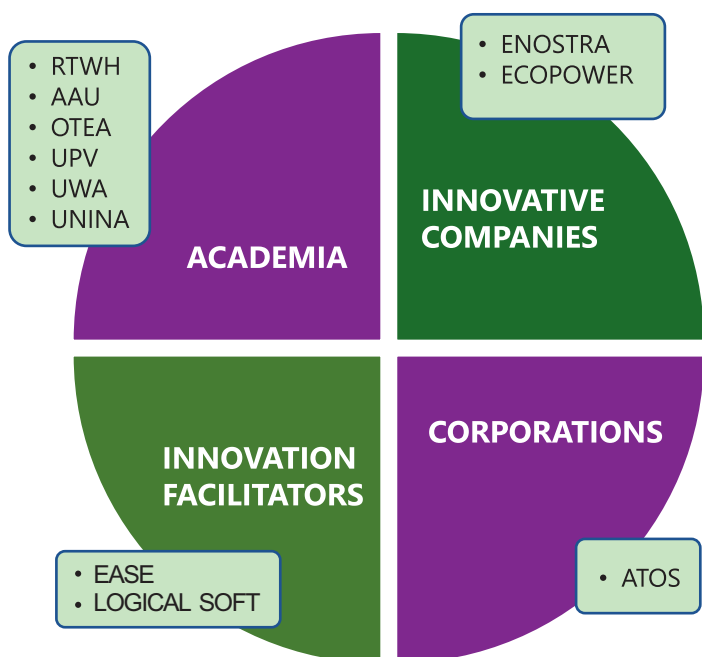
A holistic and Scalable Solution for Research, Innovation and Education targeting Energy Transition – ASSET in short - is a European project funded under the Horizon 2020 Program.

The aim of the project is to provide the tools to create and share the knowledge and skills needed for the energy transition.

## Specific objectives

- Attract and engage different actors ( universities, research centres and training actors; students (university) and new employees; companies from the energy sector; policy makers, authorities, public administrations and market regulators; societal actors and energy citizens) to ASSET community
- Define a conceptual framework to facilitate and significantly accelerate the creation of new learning modules and update the currently available programmes
- Foster interdisciplinary disciplines in research, innovation and education services
- Strengthen collaborations between academia and industry
- Support trainers to cultivate new talents in the new generation of engineers
- Develop innovative programmes to educate students, trainers, employees, and citizens

## ASSET project team



## Expected results

- 1 Delivers 25 novel short programmes in energy and interdisciplinary courses**
- 2 Brings energy suppliers sector innovators and academia / training actors**
- 3 SSH research perspective to pose energy transition as societal challenges**
- 4 Delivers novel tools to create interdisciplinary courses and foster re-use and replicability**
- 5 Large reach to all actors (> 80 companies, tens of universities, energy transition initiatives)**
- 6 Citizen-energy communication campaigns to enlarge community**
- 7 Capitalises on results of H2020 projects from energy and education domain**



## ASSET value propositions

Benefits for each target group of ASSET community

<p><b>Universities, research centres, training actors</b></p> <ul style="list-style-type: none"> <li>• Exploit ASSET tools, community and materials to easily build interdisciplinary courses</li> <li>• Connect with industry and engage in mobility support to increase the value of the programmes offered to students</li> </ul>	<p><b>Policy makers, authorities, public administrations, market regulators</b></p> <ul style="list-style-type: none"> <li>• Increase awareness of students and all citizens on energy policies and planning</li> <li>• Reflect on societal impacts from the perspective of citizenship</li> </ul>	<p><b>Societal actors</b> (NGOs, consumers' associations, professional associations, trade unions, industrial associations, chambers of commerce)</p> <ul style="list-style-type: none"> <li>• Increase social awareness about energy transition</li> <li>• Increase the competences and skills of their members and associates to play an active role in the energy transition</li> </ul>
<p><b>Companies from the energy sector</b></p> <ul style="list-style-type: none"> <li>• Find appropriate programmes to quickly up skill personnel in technological, innovation and business subjects in different formats (short programmes, MOOCs, lab training)</li> <li>• Connect with universities (through mobility support, invited lectures to be given by industry representatives, provide examples of operational problems) so that new engineers and energy experts are well prepared for the energy reality</li> </ul>	<p><b>Students (university) and new employees</b></p> <ul style="list-style-type: none"> <li>• Upgrade skills to improve the current position through high quality materials inspired from real life industrial operations</li> <li>• Connect with education and labour market</li> </ul>	<p><b>Energy citizens</b> (individuals as potential energy citizens, prosumers, renewable energy communities-REC, rescoops, rescoop federations)</p> <ul style="list-style-type: none"> <li>• Learn how to be energy efficient and how to benefit from innovative energy-services</li> <li>• Learn how to be actively involved in the energy transition</li> <li>• Become aware of the potential social and economic impacts generated by individual and collective actions</li> </ul>

## Energy transition

To reduce greenhouse gas emissions and seriously tackle the global warming issue, a major energy transition is necessary, shifting from a system based on fossil fuels to a low-carbon economy.

Energy transition represents also a pathway to improve energy security, eradicate energy poverty, adequate food production and to preserve natural ecosystems.



## Partners

Atos Spain SA

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Federico II

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European Association  
For Storage Of Energy

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## ASSET Social network:

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