



A HOLISTIC AND SCALABLE SOLUTION FOR RESEARCH, INNOVATION AND EDUCATION IN ENERGY TRANSITION ASSET



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What is ASSET ASSET Brochure

- ASSET is Free to Access
- ASSET is Open to Anyone, Students and General Public
- ASSET Provides Support for all Learning Opportunities in Energy Transition
- ASSET is Easy to Use, Intuitive Interface thanks to "EMMA PLATFORM"
- ASSET is Flexible and On-Demand Service Tailored to Each Target Group

Proporcionar el marco y las **HERRAMIENTAS** para **CREAR** y **COMPARTIR** el conocimiento y las competencias necesarias para la **TRANSICIÓN ENERGÉTICA**

Plataforma **EMMA** **Oferta de cursos MOOC**

<https://platform.europeanmoocs.eu/>

Community

- FOR LEARNERS AND COMPANIES: Are you looking for an educational programme? Choose from ASSET list
- FOR TRAINING PROVIDERS: Are you looking for an educational programme that is not currently available? Create course or view enquiries
- FOR TUTORS: Are you preparing an educational programme? Benefit from ASSET ready-made components!

Learning graph tool
Crea y comparte estructuras de aprendizaje

REVISAR LA OFERTA DE MOOC EN EMMA
ENCUENTRE SU MOOC AQUÍ

Los MOOCs representan la evolución de la educación online. Los proveedores de MOOCs de EMMA presentan sus cursos

Business Digital culture Educación Environment Food Humanities Technology Science Health Featured Moocs

An Introduction to AC Microgrids for Energy Control and Management
An Introduction to DC Microgrids for Energy Control and Management
Energy and environment
Energy Efficient and Ecological Design of Products and Equipment
Hydrogen as an Energy Vector
Innovation and Diversity in Engineering
Maritime Microgrids - A Sustainable Solution for Green Sea Transportation
New Materials for solar cells applications
Optimization Strategies and Energy Management Systems
Power Quality Challenges and Solutions for Microgrids
Introduction to Autodesk Fusion 360
What and How to Teach with Video
Potent Pedagogic Video Roles + Design

OFERTA FORMATIVA INICIAL Energy Storage

- Hydrogen as an energy vector

SSH and cross cutting themes

- Corporate and institutional communication and Social Responsibility
- Innovation and Diversity in engineering/Scientific integrity
- Understanding Responsibility in research
- Green professionalization and ethics
- Socio-technical analysis
- Innovation processes in the energy sector
- Energy Efficient and Ecological Design of Products and Equipment
- Economics of energy sources and the optimal integration if renewable energies and energy conservation measures
- Behavioural change as a powerful drive to minimize the energy consumption while providing the same level of energy service

Smart and Flexible Energy Systems

- Multi-terminal DC grids
- AC Microgrids
- Power Quality in Microgrids
- DC Microgrids
- Challenges and solutions in Future Power Networks
- Monitoring and distributed control for power systems
- Implementation of automation functions for monitoring and control
- Maritime Microgrids
- Power Systems Dynamics
- Case study on distribution grid operation
- Optimization Strategies and Energy Management Systems

Renewable energy

- New Materials for solar cells applications
- Energy integration of Renewable Sources to District Heating, Cooling and Power Systems
- Energy and environment
- Heat pump technology for smart production of heating and cooling using renewable sources (CLB module)

Marketplace tool
Busca entra la oferta formativa
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Oferta tu programa de formación

¿Quieres saber más? <https://www.youtube.com/watch?v=u83kHHTNLDg>

Video Proyecto ASSET