

EU Energy Strategy

The dependence of the European Union on energy imports, in particular oil and natural gas, is the background to political concerns related to the security of energy supply. This Course illustrates and explains the European strategy to become a continent less and less dependent on imports and the use of fossil fuels, creating an interconnected and resilient internal market that points to alternative sources with cutting-edge technologies. The Course takes you into the future that will mark the history of energy in Europe.

COURSE LEVEL 3 – ACCELERATED MANAGEMENT

3 Half-days

Contents

European energy policy

- The four moves of the EU for a common energy strategy
- Principles, aims, means of action and framework of European decision-making processes
- The European legislative, executive and control bodies in charge of Energy
- Key people at legislative level in the EU

Recent EU energy measures to counter the effects of the COVID-19 recession, the war in Ukraine and other tensions on energy markets

- REPowerEU redesigns energy strategy
- Measures to guarantee energy imports
- Measures to counter the short and medium term energy crisis in Europe

The EU energy strategy

- The EU combines energy with climate: the end of the axiom "abundant energy equals economic growth"
- The last 7 years of the EU strategy:
 - 2015 - A coherent energy strategy
 - 2019 - Clean energy for all Europeans: the new goal for this century
 - 2020 - Green Europe Agreement (climate neutral EU)
 - 2021 - REPowerEU: how to rethink energy independence
 - 2021 - The EU will reduce gas consumption by 15% and EU solidarity
- National energy and climate plans

EU plans for energy efficiency

- Objectives, Legislation and Standards in force
- Energy efficient buildings
- Heat and electricity cogeneration
- Energy label and eco-design
- Heating and cooling of buildings
- How the EU finances energy efficiency

EU and Renewable Energy

- European Directives for Renewable Energy and National Progress Reports
- Configuration and reforms of renewable energy support schemes
- Offshore renewable energy: the EU strategy
- Energy from the Oceans and traditional hydroelectricity
- Wind: onshore and offshore
- Solar power
- Hydrogen
- Biofuels
- Biomass
- How the EU finances renewable energies

EU and energy security in Europe

- What is the "Energy Platform" of the EU
- Gas: guaranteeing the supply and diversification of sources; production and licensing
- LNG: guaranteeing supply, diversification of sources; production and licensing
- Electricity: security of supply
- Oil: guarantee supply, diversification of sources; production and licensing
- Coal
- Nuclear energy: safety, waste and spent fuels, radiation protection, dismantling of power plants, safeguards
- Energy and IT security

Single energy market and EU consumers

- European legislation for the single energy market: the latest rules and progress report
- Consumer rights: how they are protected
- Wholesale energy market: EU rules
- Energy prices in the EU: the tools available to the EU
- "Smart grids" and meters: a question of efficiency
- Clean energy for the peripheral areas of the EU: special measures
- Energy communities: do you know the possible collective actions of citizens?
- Energy taxation in Europe

Energy infrastructure in Europe

- Trans-European energy networks: energy corridors in Europe
- Digitization of energy networks
- Projects of common interest: authorization procedures and subsidized loans
- High-level groups: strategic and political orientations, monitoring of the progress of projects of common interest in the priority regions
- Public acceptance of infrastructure projects: how the public is involved
- The "Energy Infrastructures" Forum: an annual meeting
- Electricity Interconnection Goals: Find out about the latest projects

The EU promotes energy research and innovation

- Energy storage
- The Batteries
- Carbon capture, storage and use
- Digitization of the energy sector
- Creation of flexible markets
- Thermonuclear fusion energy and ITER
- Strategic plan for energy technologies
- Energy and smart cities
- Competitiveness in clean energy
- EU initiatives for smart energy systems

EU funding in the energy sector

- EU funding in the energy sector

eEuropa Platform - "EU Energy Policy"

- Presentation of the Platform
- Access
- Guide
- Monitor the legislative activity carried out by the EU Council, the European Parliament, the European Commission
- Receive the latest institutional news
- Monitor funds and tenders
- Monitor European events on EU Energy Policy
- Participate in Public Consultations