

PROGRAMMA

SCENARIO, RESEARCH & DEVELOPMENT, PROJECT MANAGEMENT

Energy and technology scenarios
Energy economics and regulation
Sustainability and Climate change
Intellectual Property
Innovation and Project Management

SOFT SKILLS

Problem solving and decision making
Communication skills
Team working and diversity
Ethics in Innovation
Creativity and Innovation

FUNDAMENTAL AND EXPERIMENTAL TOOLS

Fundamental
Experimental tools

OIL & GAS TECHNOLOGIES

Upstream
Midstream
Downstream and biocomponents

RENEWABLE AND INNOVATIVE ENERGY SYSTEMS

Renewables: description, potential, perspectives
Solar: thermal, CSP, PV, frontier technologies
Wind, Geothermal, Hydro, Biomass
Energy Storage
Fuel Cells and Hydrogen
Carbon Capture

EMERGING TECHNOLOGIES

Overview
Big Data
Automation
Additive Manufacturing
Materials
innovative technologies for HSE

PROJECT WORK