

Energy Transition and Innovation

DAY 1

Introduction to the Energy Industry

Oil the energy of today-yes it still is

Natural gas-the clean energy pioneer

Coal-the energy and economics

Electricity-the energy for all

Energy market efficiency

DAY 2

Energy Transition

Efficiency in industry sector

Efficiency in living environment sector

Efficiency in transportation sector

Strategy of fuel transition

What the future brings?

DAY 3

Renewable Sources of Energy

Wastes in electric energy production

Solar energy

Wind energy

Geothermal energy

Biomass energy

Hydropower energy

DAY 4

Innovation in Energy Sector

Blockchain in energy distribution sector

Energy storage facilities

Microgrids and artificial intelligence

Energy management



The reduction in carbon footprint

DAY 5

Energy Efficient Buildings and Livable Space

Energy flow in buildings

Building energy performance

Digital twin of buildings and livable space

Digital twin of energy system

Design of the energy efficient city