





Sustainable mobility, renewable energies, responsible oil and gas, climate and environment: four major fields for which IFPEN develops technological solutions for industry in order to progress towards a more sustainable energy mix.

Climate, environment and circular economy

- [CO₂ capture, utilization and storage](#)
- [Plastics recycling](#)
- [Environmental monitoring](#)
- [Life cycle analysis \(LCA\)](#)
- [Metal recycling](#)

Renewable energies

- [Biofuels and e-fuels](#)
- [Biogas](#)

- [Bio-based chemistry](#)
- [Offshore wind and ocean energies](#)
- [Geothermal energy](#)
- [Hydrogen](#)
- [Energy storage](#)

[Sustainable mobility](#)

- [Electrified Mobility](#)
- [Batteries](#)
- [Environmental Analysis of Transport](#)
- [IC powertrains](#)

[Responsible oil and gas](#)

- [Fuels](#)
- [Petrochemicals](#)
- [Gas treatment](#)
- [Basins and reservoirs modeling and simulation](#)

Our expertise

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