Written on 01 November 2007 15 minutes of reading

News

Fundamental Research

Climate, environment and circular economy | CO2 capture, utilization and storage | Sustainable mobility | IC powertrains | Responsible oil and gas | Fuels | Basins and reservoirs modeling and simulation

The **Grenelle Environment Forum** has strengthened awareness of the need to cut emissions of greenhouse gases and atmospheric pollutants.

This second issue of Science@ifp highlights scientific advances that will contribute to this. For example, **low-temperature combustion** in the new diesel engines reduces both the **fuel consumption** and the **particulates emissions** of automotive vehicles. Again, the **molecular modelling** tools developed by IFP and its academic partners are contributing to knowledge of the phase equilibriums relevant to the **storage of CO_2** in underground reservoirs.

As the other items show, in order to ensure a smooth energy transition, IFP also continues its work to improve oil technologies in exploration, production, and refining, which will remain essential to

ensuring our energy supplies for a long time to come.

Philippe Ungerer, Scientific Director

Summary:

Download the PDF of the letter

Issue 2 of Science@ifpen
01 November 2007

Link to the web page :