

Work Session 14

Europe, India and China: Significant Energy Challenges; Difficult Solutions

Theses

A European energy policy: dream or future reality?

- *Are EU, member states and utilities energy policies compatible?*
 - *A view on markets consolidation progress*
- *Security of supply and climate changes issues are the main challenges for electricity and gas operators*
 - *Deregulations achievements and next steps*
 - *Will the market actors meet the big infrastructure investment needs?*
 - *Will we see a renaissance of nuclear power?*

How can China and India cope with their increasing electricity demand and the environment constraints?

- *China and India are struggling with huge energy needs and poor domestic resources.*
- *How could the Chinese electricity sector decrease its dependence on coal?*
- *What are the investment opportunities in the Chinese electricity sector?*

CV

Born in 1945. Colette Lewiner obtained a Ph.D. in physics in 1973 from the *Ecole Normale Supérieure* in Paris.

While being associate professor at the University of Paris, Colette Lewiner worked as a solid state physics researcher in various fields. In 1979, she joined Electricité de France (EDF) as secretary-general to the Executive Vice President of utility research and development. Three years later, she moved to the fuel procurement department, being nominated director of this department in 1987. In 1992, Colette Lewiner assumed the position of Chairman of the Board and Chief Executive Officer of SGN Eurisys Group, the world's leading nuclear fuel cycle engineering company. Six years later, she created EDF's development and commercial strategy branch becoming EDF's first woman Executive Vice President. In the same year, she joined Capgemini, where she built up the utilities global market unit – electricity, water, gas. Since 2004, Colette Lewiner has been Global Marketing Leader for Capgemini Group.

In addition, she is a non-executive director of Nexans, La Poste and TGS Nopec as well as a member of the Strategic Committee for Information Technology, a prestigious think tank, directly reporting to the Prime Minister. She is also a member of the French Academy of Technology and was President of the European Nuclear Society, Nucnet, and Women in Nuclear (WIN). Colette Lewiner published numerous articles related to nuclear energy and a book on nuclear power plants.

Colette Lewiner is commander in the *Ordre National du Mérite* and was decorated as *Chevalier de la Légion d'Honneur*.



Dr. Colette Lewiner
(FR)
Executive Vice President and Global Leader of the Sector Energy, Utilities and Chemicals
CapGemini
Paris