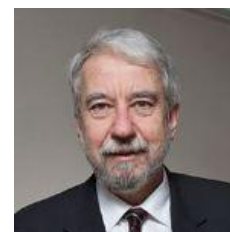


Olivier Appert

Chairman of France Brevets
Scientific adviser of the Energy Center of IFRI



Mr. Appert serves as Chairman of France Brevets and scientific adviser of the Energy Center of IFRI. He has been chairing the Conseil Français de l'Energie (French committee of the World Energy Council) and was General Delegate of the French Academy of Engineering.

From April 2003 to April 2013 he has been Chairman and CEO of IFP Energies nouvelles. Prior to that, in October 1999 he was appointed Director of the International Energy Agency's Long-Term Cooperation and Policy Analysis Directorate. From 1998 to 1999, he was the Senior Executive Vice-President of ISIS, a technology holding company publicly listed subsidiary of the Institut Français du Pétrole (IFP). From 1994 to 1998 he worked as Executive Vice-President of the IFP in charge of research and development activities. From 1989 to 1994, he headed the oil and gas department of the French Industry Ministry. Mr. Appert also served in the private sector from 1986 to 1989 as Vice-President of the Phillips group for mobile radio activity and strategy. He was Executive Director of the French Industry Minister's cabinet from 1984 to 1986 and was a member of Prime Minister's cabinet from 1981 to 1984.

Mr. Appert is a graduate of the l'Ecole Polytechnique and l'Ecole des Mines.