

Biographical sketch

Philippe Marlière

Philippe Marlière is a former fellow of Ecole Normale Supérieure (rue d'Ulm, Paris) and holds a PhD in Biochemistry.

He is a scientific designer, inventor and entrepreneur. He also acts as advisor on bioenergy and synthetic biology for the Director of the Life Science Division of CEA (the French agency of atomic and alternative energies).

As a group leader at the Institut Pasteur from 1987 to 1999, he pioneered the development of synthetic biology techniques for reprogramming metabolism and evolving the genetic code of micro-organisms.

In 2000, he co-founded the company Evologic SA for enlarging the number and types of enzymatic conversions accessible to the chemical industry, in partnership with the genome sequencing centre Genoscope (Evry, France).

In 2004, he co-founded Isthmus SARL, an intellectual property holding and consultancy company.

In 2007, he co-founded Heurisko USA Inc, a company developing microbial fluidics and genetic selections of industrial micro-organisms.

In 2008, he co-founded Global Bioenergies SA, a company developing the bioproduction of gaseous hydrocarbons from renewable resources.

In 2010, he co-founded Alderys SAS, a company developing the production of essential nutrients through rectified biosynthetic routes.

In addition to his entrepreneurial commitments, Philippe Marlière promotes the public acceptance of technological innovation as a means to reach a sustainable, safe and equitable economy.