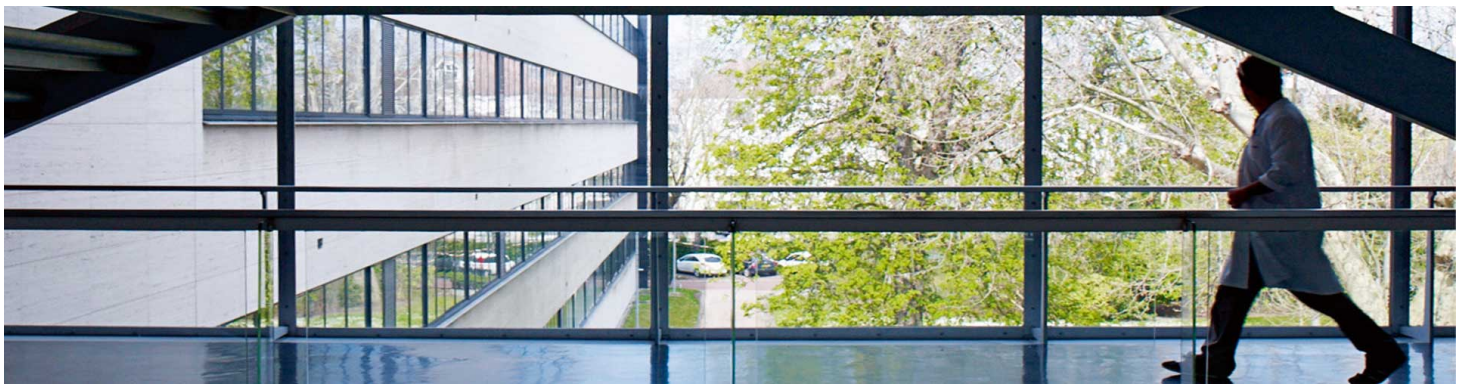


Pierre-Franck CHEVET, Chairman and CEO



Pierre-Franck Chevet, a former student of the École Polytechnique and ENSAE, is a general mining engineer.

He began his career in 1986 at the French Nuclear Safety Authority (ASN), where he held various positions. From 1995 to 1999, he was Director of the Regional Directorate for Industry, Research and the Environment (DRIRE) and the National Agency for the Promotion of Research (ANVAR) of the Alsace region. He then joined the Nord-Pas-de-Calais region, as Director of the DRIRE and Director of the École des Mines de Douai.

In 2005, Pierre-Franck Chevet was appointed to the Prime Minister's cabinet as head of the Industry, Energy, Environment and Innovation cluster. From 2007 to 2012, he was Director General at the General Directorate for Energy and Climate in the French Ministry for Energy.

From 2012 to 2018, he was Chairman of the Nuclear Safety Authority (ASN).

Since 2019, Pierre-Franck Chevet has been a member of the General Council for the Economy, Industry, Energy and Technology and has been in charge of several interministerial missions.

Cécile BARRERE-TRICCA, Executive Vice-President, in charge of Innovation and Economic



Cécile Barrère-Tricca, is a chemical engineer from the École nationale supérieure des ingénieurs en arts chimiques et technologiques (Ensiacet), holds a DEA in materials science from the Institut national polytechnique de Toulouse and a PhD in polymer chemistry and physical chemistry from the Université Pierre et Marie Curie. She is an auditor for the cycle des hautes études pour le développement économique (CHEDE 2019) and the cycle supérieur du développement durable (CSDD 2022).

She joined IFPEN in 1998 as a research engineer in the Catalysis, Biocatalysis and Separation Division. In 2001, she became project manager in the field of gas and smoke treatment before taking on a similar role in the field of advanced biofuels, in 2006, within the Process Design and Modeling Division.

In 2008, Cécile Barrère-Tricca was appointed head of the Process Design Department and then, in 2010, head of the Chemical Engineering and Technology Department. In 2014, she was appointed Director of the Physics and Analysis Division. In 2017, Cécile Barrère-Tricca became IFPEN-Lyon site director since 2017. She chaired the AXELERA “Chemistry-Environment” competitiveness cluster from 2019 to 2021.

Since January 2023, she has been Director of the Chemistry for Industry Results Center.

She was appointed Executive Vice-President, in charge of Innovation and Economic Development, in December 2024.

Benjamin HERZHAFT, Executive Vice-President, Research and Training



Benjamin Herzhaft, is a graduate of the ESPCI (École Supérieure de Physique et Chimie Industrielle de Paris) Engineering School in Paris, has a PhD in physics from Pierre et Marie Curie University and holds a national accreditation to direct research obtained from the University of Western Brittany. He is an IHEST auditor, class of Elinor Ostrom (2018-2019).

He joined IFPEN's Chemistry and Applied Chemistry and Physical Chemistry Division in 1997 where he managed a range of project portfolios. In 2007, he took over at the helm of the Physical Chemistry of Complex Fluids Department, followed, in 2010, by the Physical Chemistry of Complex Materials and Fluids Department.

In 2015, he was appointed special assistant to the Vice-President for Research and Innovation, responsible for overseeing changes to the organization of IFPEN's fundamental research, and in 2016, he was made manager of the Scientific Division's fundamental research program. In 2020, Benjamin Herzhaft was appointed Director of the Earth Sciences and Environmental Technologies Division.

He has been Director of the Energy Systems Results Center since January 2023.

He was appointed Executive Vice-President, Research and Training, in December 2024.



ector of the Energy Systems Business Unit

Emmanuel Manceau obtained his aeronautical engineering degree from the École nationale supérieure des ingénieurs en construction aéronautique (ENSICA, a French engineering school). He also has a Masters degree in fluid mechanics from Louisiana State University (USA).

Emmanuel Manceau joined IFPEN in 1997 as a business development engineer in the Industrial Division. In 1998, he moved to the Reservoir Division as a research engineer, before being appointed project manager working on “uncertainty management in geosciences”.

In 2006, he was appointed Business Development Manager responsible for industrial partnerships in the Exploration-Production Business Unit. From 2009, he managed a succession of programs in the fields of the characterization and dynamic simulation of reservoirs, EOR (Enhanced Oil Recovery) and the water cycle.

In 2018, he was appointed Head of Customer Relations at the Energy Systems Business Unit, where he coordinated technological and academic partnerships in the field of low-carbon energy systems. He was also Operations Manager at the Ressources énergétiques Carnot Insititute.



r of the Energy Products Business Unit

A graduate of the École Centrale de Lyon and IFP School, Raphaël Huyghe, 50, has over 20 years' experience in research and innovation (R&I) in the fields of processes, catalysis and sustainable chemistry.

He began his career at IFPEN in 2001 as a process engineer and then project manager, working in the fields of natural gas treatment, petrochemicals and biotechnologies. In 2010, he was appointed CEO of the Axelera competitiveness cluster.

Returning to IFPEN in 2011, he led large-scale R&I projects, including BioButterFly, a collaborative project with Michelin and Axens for the production of bio-based butadiene. As head of the Molecular Catalysis department from 2020, he focused his research on key themes in the energy and ecological transition, such as CO_2 recovery and plastics recycling.

In 2023, Raphaël Huyghe became Head of Programs at the Chemistry for Industry Business Unit. He drew up IFPEN's strategy for the development and deployment of decarbonization technologies for industry, and managed a portfolio of projects in the field of CO_2 capture, utilization and storage (CCUS). Raphaël Huyghe has been appointed Director of the Energy Systems Business Unit in May 2025.



of the Chemistry for Industry Business Unit

Arnaud Baudot graduated from the *École nationale supérieure d'agronomie et des industries alimentaires* food industry engineering school (ENSAIA) in Nancy. He also holds a PhD in process engineering from AgroParisTech. He has more than 25 years' experience in innovation and technology transfer in the chemicals, energy and materials sectors and is the author of 50 patents.

Having spent the early part of his career as a research engineer in the food-processing industry, Arnaud Baudot joined IFPEN in 2002, where he led industrial projects in the fields of petrochemicals and biofuels.

In 2015, he was appointed head of the "Materials Analysis" department, where he supervised a team of 35 people conducting more than 10,000 analyses per year. In 2019, he joined the Pulsalys technology transfer accelerator as Director of Investments, notably overseeing the creation of a portfolio of six deep-tech startups.

Arnaud Baudot returned to IFPEN in 2022 as Deputy Director of the Industrial Development Business Unit where he helped manage the Group's shareholdings. Since 2023, he has managed the "Petrochemicals" and "Strategic Metals for Sustainable Mobility" programs at the Chemistry for Industry Business Unit, where he led a research program dedicated to batteries.

Gaëtan MONNIER, Director of the Mobility Business Unit



Gaëtan Monnier, a graduate of the École centrale de Lyon and ENSPM (Ecole Nationale Supérieure du Pétrole et des Moteurs, now IFP School), joined IFPEN in 1989 as a research engineer and contributed to engine development projects, working in close partnership with motor vehicle and equipment manufacturers.

He took over at the helm of the Engine Technologies Department in 1997, and became Director of the Energy Applications Techniques Division in 2002.

In September 2008, he was appointed Executive Vice-President of the company D2T and Head of Industrial Operations.

He came back to IFPEN in 2012 as Director of the Mobility Business Unit.



P School Dean and Director of the Training Business Unit

Pascal Longuemare is an engineer from Polytech Lille, with a doctorate in materials and structural mechanics from the University of Lille. He is a scientific associate at the Polytechnic Faculty of Mons in Belgium.

He joined IFPEN in 1996 as a research engineer in the Applied Mechanics Division. From 1998, he was in charge of industrial projects and then seconded to Total. In 2001, Pascal Longuemare became head of the Geomechanics Department, and then in 2004, head of the Mechanical Engineering Department focusing on the development of technologies for energy resources, transport and processes. During this period, he was also project manager and took charge of two IFPEN cross-functional assignments dedicated to the optimization of production processes.

In 2013, he was appointed head of the Experimentation Department, focusing primarily on the design of technological equipment and the characterization and qualification of materials, fluids and processes on a laboratory scale.

In early 2021, he became Director of the Sustainable Powertrains and Sustainable Mobility Centre at IFP School.

In September 2023, Pascal Longuemare was appointed IFP School Dean and Director of the Training Business Unit



AUD, Scientific Director

Florence Delprat-Jannaud is a physicist who graduated from the Ecole normale supérieure de Cachan. She also holds a PhD in earth sciences from Paris Sud University (Paris XI).

She joined IFPEN in 1989 to pursue a career in geophysics, developing expertise in the field of seismic imaging. She also coordinated a variety of research projects, covering cross-cutting geoscientific fields, such as the geological storage of CO_2.

Florence Delprat-Jannaud won the 2014 Etoiles de l'Europe award for the coordination of the European SiteChar project dedicated to the characterization of CO_2 storage sites.

In 2016, she led the Ile-de-France Geosciences Scientific Interest Group, an earth sciences and digital sciences research network dedicated to the fields of energy, resources and the environment.

In 2017, Florence Delprat-Jannaud was appointed Program Manager at the Energy Resources Business Unit, focusing on underground resources and usages for the energy transition, as well as CO_2 capture and storage. Florence Delprat-Jannaud was also elected President of the CO_2 Club in 2020.

In 2023, Florence Delprat-Jannaud was appointed Director of the Energy Products Business Unit. She was elected to the Académie des technologies (French Academy of Technologies) in 2024. She has been appointed Scientific Director in May 2025.



Director of the Industrial Development Business Unit

Nathalie Alazard-Toux is a graduate of ENSG Nancy (French National School of Geology in Nancy) and ENSPM (Ecole Nationale Supérieure du Pétrole et des Moteurs, now IFP School), where she specialized in Economics and Business Administration.

She joined IFPEN's Economics Department in 1990, where she conducted a number of studies in the field of exploration-production.

In 1993, she moved to the Strategy, Economics and Program Division where she contributed to strategic studies and the monitoring of upstream oil and gas R&D programs.

In 2000, Nathalie Alazard-Toux was appointed Head of the Growth Division's Marketing and Market Monitoring Department.

In 2002, she was appointed Director of the Economic Studies Division, then Director of the Economics and Information Watch Division in 2008.

In 2017, she joined the Industrial Development Business Unit as Deputy Director before being made Director in 2018.

Anne-Karine FEYEL, Human Resources Director

[Biography soon available]

Dominique HUMEAU, Director of the Digital science and technology, Digital Office and Information Systems

After Dominique Humeau obtained a PhD in automatic systems from the University of Rennes I, he began his career in the field of industrial procedure control and optimization with Yokogawa France, before joining IFPEN in 1996 as a research engineer.

In 2000 he was appointed head of the Measurement Processing, Automation and Control department within the Technology, Computer Science and Applied Mathematics division, where he remained until 2008, when he was named Director of the Process Experimentation Research division.

In 2016 he became Director of the Mechatronics and Digital division, which later expanded to become the Digital Science and Technology division.

In 2021, as Director of the Digital Office, he assumed responsibility for managing the cross-functional digital transformation; he was then appointed to head the Information System division in 2022.

> Governance

Biography of COMEX members

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