

Martha Heitzmann, PhD

Biographical sketch



Dr. Heitzmann is Vice President, Research & Development, for [Air Liquide](#), the world's leading supplier in gases for industry, health and environment. She defines strategic direction and leads the Group's R&D activities at the global level (5 major R&D centers, 3 continents). Holding both French and American nationalities, Martha is bilingual.

Air Liquide's researchers work to improve methods of production and distribution of industrial and medical gases. They also develop new applications for gases, in industries ranging from food to photovoltaics and nano-electronics. Improving energy efficiency through process changes, and developing low-carbon energy solutions are major subjects of research.

Before joining Air Liquide in 2007, Martha worked for 8 years as Principal Administrator of the [OECD's \(Organisation for Economic Cooperation and Development\)](#) programme of Environmental Performance Reviews. Martha led more than 20 reviews of OECD countries, managing multi-national teams of experts, and high-level contacts within countries. She also held positions at the World Bank and Asian Development Bank related to energy and environment.

Martha has lived and worked in countries in Asia and the Pacific. She has been based in Paris since 1997 and holds a PhD in environmental engineering from Harvard University, as well as an MBA from the French College des Ingénieurs.

Boards and committees on which Martha serves, include the

- Board of the French National Science Labs (CNRS, with 31,000 researchers)
- Board of the French National Association for Technical Research (ANRT),
- French Inter-ministerial Commission on Environmental Research (COMOP Research)
- Advisory Board for development of France's Strategy for Research and Innovation
- Scientific Council of the French National Research Agency (ANR)'s Energy Programme
- Scientific Council of the French National Institute for Environmental and Industrial Risk Analysis (INERIS)
- Board of the Air Liquide Foundation for Sustainable Development
- Board of the Air Liquide subsidiary, Seppic (specialty chemicals, from cosmetics to vaccines)
- Board of Air Liquide Santé France (medical gases and services)
- Steering Committee of the European Biofuels Technology Platform
- Advisory Council of the ETP-ZEP (European Technological Platform for Zero Emissions Power Production)
- Executive Board, American Chamber of Commerce in Paris