

# Sixty-Year with Catalysts

Founded to become a catalyst maker that supports manufacturing, we began producing process catalysts

This company was established in 1964 as a 50-50 joint venture between Sumitomo Metal Mining Co., Ltd. and Engelhard Corporation of the U.S. in response to the growing demand for catalysts produced and developed in Japan as domestic production of petrochemical products increased. The company began manufacturing and selling process catalysts, precious metal plating chemicals, gold liquid, and other products, contributing to the development of Japanese chemical industry during Japan's rapid economic growth.



First management team



1964 Close up 1

Historical events

- 1964 Tokaido Shinkansen opened/Tokyo Olympics were held.
- 1967 Basic Act for Environmental Pollution Control was enacted.
- 1970 The U.S. enacted the Clean Air Act.
- 1978 Japan enacted regulations equivalent to the Clean Air Act.
- 1988 The IPCC was established.
- 1991 The economic bubble burst.
- 1994 The United Nations Framework Convention on Climate Change entered into force.

1964

As a catalyst manufacturer, N.E. CHEMCAT contributed to the development of the Japanese chemical industry during the country's period of rapid economic growth

1979

Expanding the exhaust catalyst business along with the motorization of society

1997

Expanded catalyst applications in response to emissions regulations

2021

Management focused on building a sustainable society

Our history

- 1964 The company was established. The Ichikawa Laboratory was set up. Manufacturing and sales of process catalysts, precious metal plating chemicals, gold liquid, etc., and precious metal recycling began.
- 1970 Construction of the Numazu Factory (now Numazu Plant) was completed.

- 1979 Manufacturing of auto exhaust catalysts began.
- 1989 Corporate name was changed to N.E. CHEMCAT.

- 1997 Engelhard Chemcat (Thailand) was established.
- 2002 Construction of the Tsukuba Plant was completed.
- 2003 Mass production of diesel auto exhaust catalysts began.
- 2012 N.E. CHEMCAT was selected for the U.S. R&D 100 Awards.

- 2021 The Corporate Philosophy and the Vision 2030 were created.
- 2024 N.E. CHEMCAT celebrated its 60th anniversary.



For the Future  
Helping to Build a Sustainable Future

1964 Close up 2

Initiatives targeting precious metals recycling to achieve circular society

Since our inception, we have been in the recycling business of recovery and refining of scarce precious metals. We have developed a proprietary process to recover precious metals from spent catalysts and refine them to high purity by removing impurities. We have been at the forefront in the efforts to create a circular society and improve recycling technology, which will become increasingly important.



1979 Close up 3

Expanding the production of auto exhaust catalysts, in response to stricter regulations, has contributed to environmental protection

We began manufacturing exhaust catalysts for automobiles in 1979. This business grew as the demand for exhaust catalysts increased due to the tightening of emission regulations year after year as the mobility society developed. Since then, we have contributed to environmental protection by providing catalysts for diesel vehicles, motorcycles, and construction equipment.



First shipment of auto exhaust catalysts

2021 Close up 5

Full-fledged sustainability management began with the creation of the Corporate Philosophy and Vision 2030

In 2021, we created the Corporate Philosophy and Vision 2030. We have set a goal to increase the percentage of our business related to environmental protection and the SDGs to at least 80% of our total business. Our goal is to become a company trusted by society by solving social problems while growing our business. To this end, we are committed to sustainability management. To achieve our Vision, we are developing new technologies and strengthening our structure and functions.



Moved to a new head office in May 2021