

Heraeus



Heraeus Precious Metals North America

The Leader In Precious Metals Recycling & Chemical Products

Delivering Value At Every Stage Of The Precious Metals Cycle

Ever since Wilhelm Carl Heraeus created the original process for melting platinum in 1856, Heraeus has been at the forefront of the precious metals industry. Even back then, the family-owned business used the latest technology and innovation to deliver better results for their customers. Over 160 years later, those values still hold true and are at the core of everything Heraeus Precious Metals North America (HPMN) does today.



Higher Quality. Higher Yields.

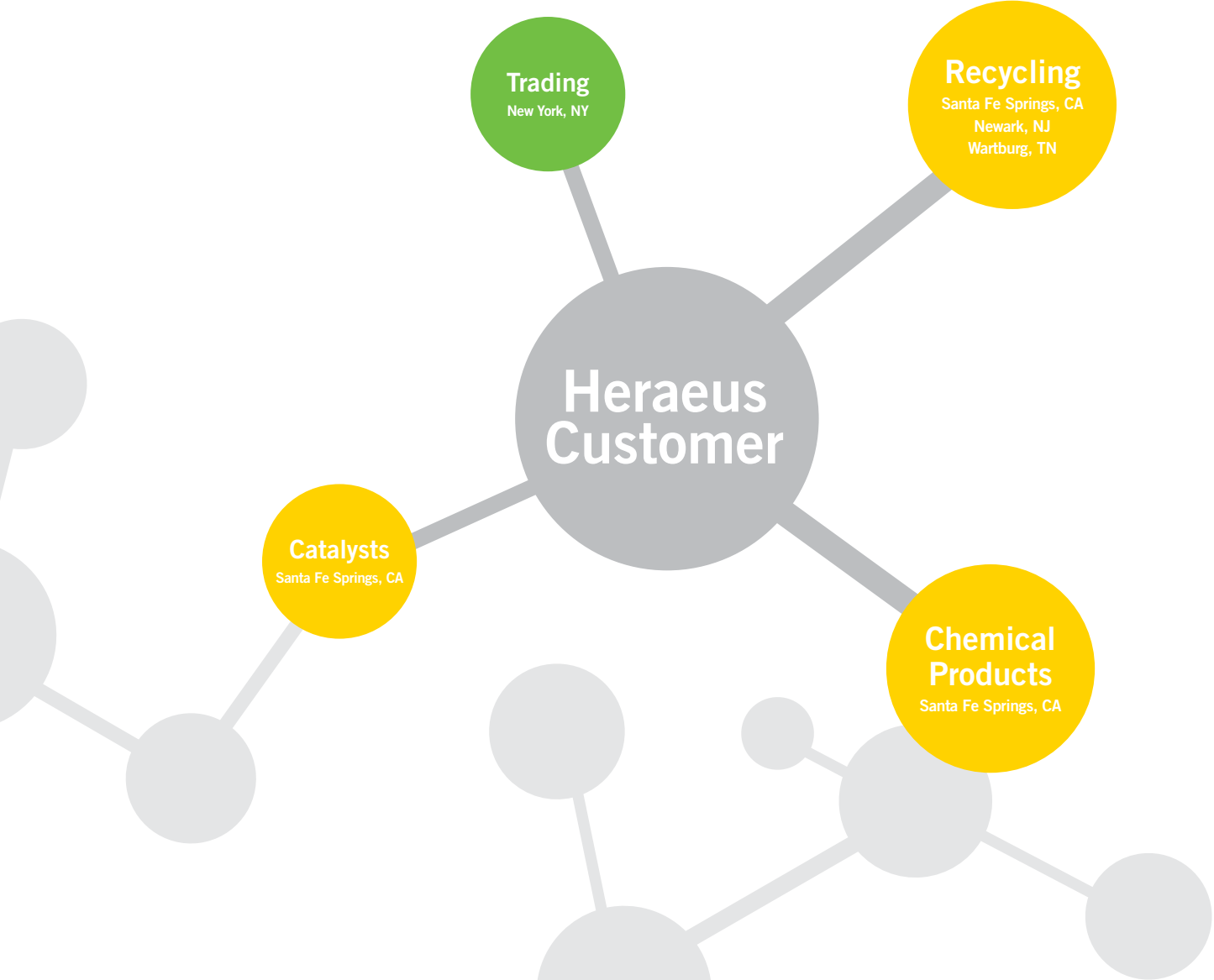
HPMN is a leader in the manufacturing, recycling and trading of precious metals, as well as the production of specialty chemicals for a reason. By controlling all of the steps within the precious metals production and refining chain, we can ensure the highest quality of products at all times and deliver better value to our customers at every stage.

By focusing on innovation and continually making improvements to our chemical and refining technology, we are able to treat an array of materials, including those with more complex matrices. The end result is a higher yield of return on your precious metals.



Heraeus Precious Metals North America: Your Single-Source Solution

By combining precious metals refining and production (●) with precious metals trading (●), Heraeus Precious Metals North America is a complete, single-source solution. For customers large and small, we manage the entire precious metals cycle—from purchasing and extracting, to refining, manufacturing and trading.



Precious Metals Recycling



Every day, customers arrive at our facilities with primary and secondary concentrates, industrial catalysts, alloys and residues. They leave with precious metals in some of the purest forms found in the industry today.

To achieve these results, we implement state-of-the-art processes across all of our facilities. As market demand for precious metals increases and materials become more complex, Heraeus has developed the advanced technology needed to sample, prepare and extract metals in a safe, secure and ecologically responsible manner.

Similarly, to return precious metals to the required purity that our customers have grown to expect, Heraeus has developed new and improved processes to ensure quality management systems and uniform standards across multiple facilities and around the globe.

This commitment to meeting the highest standards isn't limited to inside our factory walls. Our worldwide production processes and purity levels also meet the strictest international standards.

Key Markets And Industries:

- Mining and smelting
- Chemical and petrochemical
- Pharmaceutical
- Electronics
- Jewelry and dental
- Aerospace
- Medical

Recycling Materials:

- Primary and secondary concentrates
- Carbon-based catalysts
- Homogeneous and supported catalysts
- Alloys
- Residues
- Karat scrap
- Jewelry and dental sweeps

Recycling Services:

- Logistics
- Insurance
- Storage
- Analytical service

Environmental, Waste Management And Security

Environmental protection, regulatory compliance and resource conservation are our top priorities. Our refineries fully comply with any and all governmental, federal, state and municipal laws and regulations.

Regular audits, combined with preventive and proactive monitoring and control, ensure that the highest levels of compliance standards are maintained.



Chemical And Precious Metal Products

Pt



After separating and purifying precious metals, Heraeus Precious Metals North America delivers the highest quality of chemically manufactured precious metal compounds and solutions for industrial use.

HPMN is also a reliable partner for the research and development of new compounds for future-oriented markets, such as light-emitting diodes, CVD processes and photovoltaics. With offices located across the country, our sales and service teams are always close by, ready to assist in your new ventures.

Chemical Products:

- Inorganic precious metal compounds and their solutions
- Selected non-precious metal compounds

- Organometallic compounds
- Research and development of new and innovative compounds

Key Markets And Industries:

Our products are used in key technologies of many worldwide industries, such as:

- Chemical and pharmaceutical
- Automotive
- Electronics
- Illumination and lighting
- Photovoltaics
- Plating
- Renewable energies

Precious Metals Trading

Pd

Ag

Rh, Ru, Ir

Au

Through our precious metals trading network around the world, Heraeus Metals delivers a comprehensive array of financial services to our customers. With trading offices in New York, Shanghai, Hong Kong and Hanau, we can immediately react to price movements around the clock. This helps us manage risk, while enabling our trading desk to service our clients efficiently.

Precious Metals Trading Services:

- Purchasing and sales execution through physical delivery, metal account or cash settlement
- Forward transactions
- Options
- Limit orders
- Precious metal transfers
- Precious metals financing
- Location swaps
- International deliveries
- Vault locations in Hong Kong, Germany and USA



**Heraeus Precious Metals
North America LLC**

15524 Carmenita Road
Santa Fe Springs, CA 90760
Phone +1 (562) 921-7464
Fax +1 (562) 926-5333
hpmn.customerservice@
heraeus.com
www.heraeus-hpmn.com

**Heraeus Precious Metals
North America LLC**

1975 Knoxville Highway
Wartburg, TN 37887
Phone +1 (423) 346-8200
Fax +1 (423) 346-8655
hpmn.customerservice@
heraeus.com
www.heraeus-hpmn.com

**Heraeus Precious Metals
North America LLC**

65 Euclid Avenue
Newark, NJ 07105
Phone +1 (973) 817-7878
Fax +1 (973) 578-2786
hpmn.customerservice@
heraeus.com
www.heraeus-hpmn.com

Heraeus Metals New York LLC

540 Madison Ave
New York, NY 10022
Phone +1 (212) 752-2180
Fax +1 (212) 752-7141
hmn.trading@heraeus.com
www.heraeus-trading.com

