ENGELHARD
Materials Services

BASF
We create chemistry

# The Right Partner for Your Chemical Catalyst Changeout

## Recycle your spent precious metal catalysts and residues with BASF Environmental Catalyst and Metal Solutions (ECMS) to close the loop and enable the circular economy.

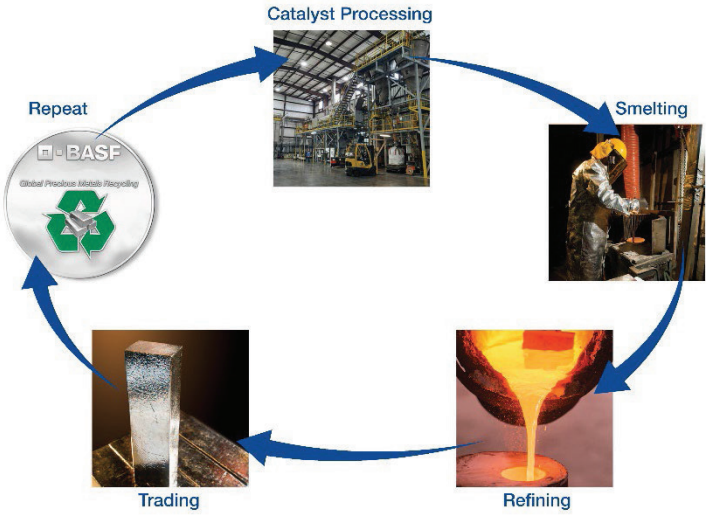
**BASF ECMS offers best-in-class service and recovery rates of PGMs (Platinum Group Metals) from spent precious metal catalysts at our new state-of-the-art recycling facility in Caldwell, Texas. As a global leader in precious metal services, we understand the importance of providing an accurate and consistent precious metal return. Look to BASF ECMS for all your precious metal needs from sampling and refining to global trading services. BASF ECMS is here to give you peace of mind with precious metals management!**

### Transparent Sample Procedure
- Critical for the precision that we consider standard
- Depend on our lot integrity and sampling technologies

### PGM Analysis Expertise
- Rapid, accurate, and transparent assay results
- ISO-17025 accredited laboratories

### Reliable Trading Expertise
- Cost-effective PGM management
- Facilitate security of supply and reduce your risk exposure

### Product Stewardship
- Committed to Responsible Health & Safety
- Committed to protecting people and the environment



## Advantages of BASF ECMS Partnership:

**Caldwell site centrally located in Texas –** Dedicated team ready to serve all your precious metal catalyst needs

**Sustainability –** Our practices contribute to a cleaner and stronger future

**Proven Experience –** We have been in the chemical and automotive catalyst markets since the very first catalytic converter in 1975

**Publicly Traded –** Our AAA credit rating is better than most banks

**Reputation –** Financially secure and legally compliant

**Peace of Mind –** Our team offers you stability and peace of mind; customers are welcome to witness lots at our facility

**Security –** Sophisticated site and procedural security in all areas and aspects of the business

## We accept PGM materials from the following industries:

- Chemical
- Petroleum
- Pharmaceutical
- Agriculture
- Dental
- Fuel cell
- Glass
- Automotive

## Chemical Catalysts Supported:

- Hydrogenation
  - Pyrolysis Gasoline
  - HPPO
  - Olefin Purification/ Saturation
  - PDH
  - Purified Terephthalic Acid
  - Cyclohexanone
- Refining
  - Isomerization
  - Reforming
- Oxidation
  - Vinyl Acetate
  - Hydrogen Peroxide
  - Acetaldehyde
  - Acrylonitrile
  - Allyl Acetate
  - Dimethyl Terephthalate
  - Ethylene Dichloride

## ABOUT US

Leveraging its deep expertise as the global leader in catalysis and precious metals, BASF Environmental Catalyst and Metal Solutions (ECMS) serves customers in many industries including automotive, aerospace, indoor air quality, semiconductors and hydrogen economy, and provides full loop services with its precious metals trading and recycling offering. With a focus on circular solutions and sustainability, ECMS is committed to helping our customers create a cleaner, more sustainable world. Protecting our elements of life is our purpose and this inspires us to ever-new solutions. ECMS operates globally in 14 countries with over 4,700 employees and 30 sites.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BF-10559 USL 09/25