

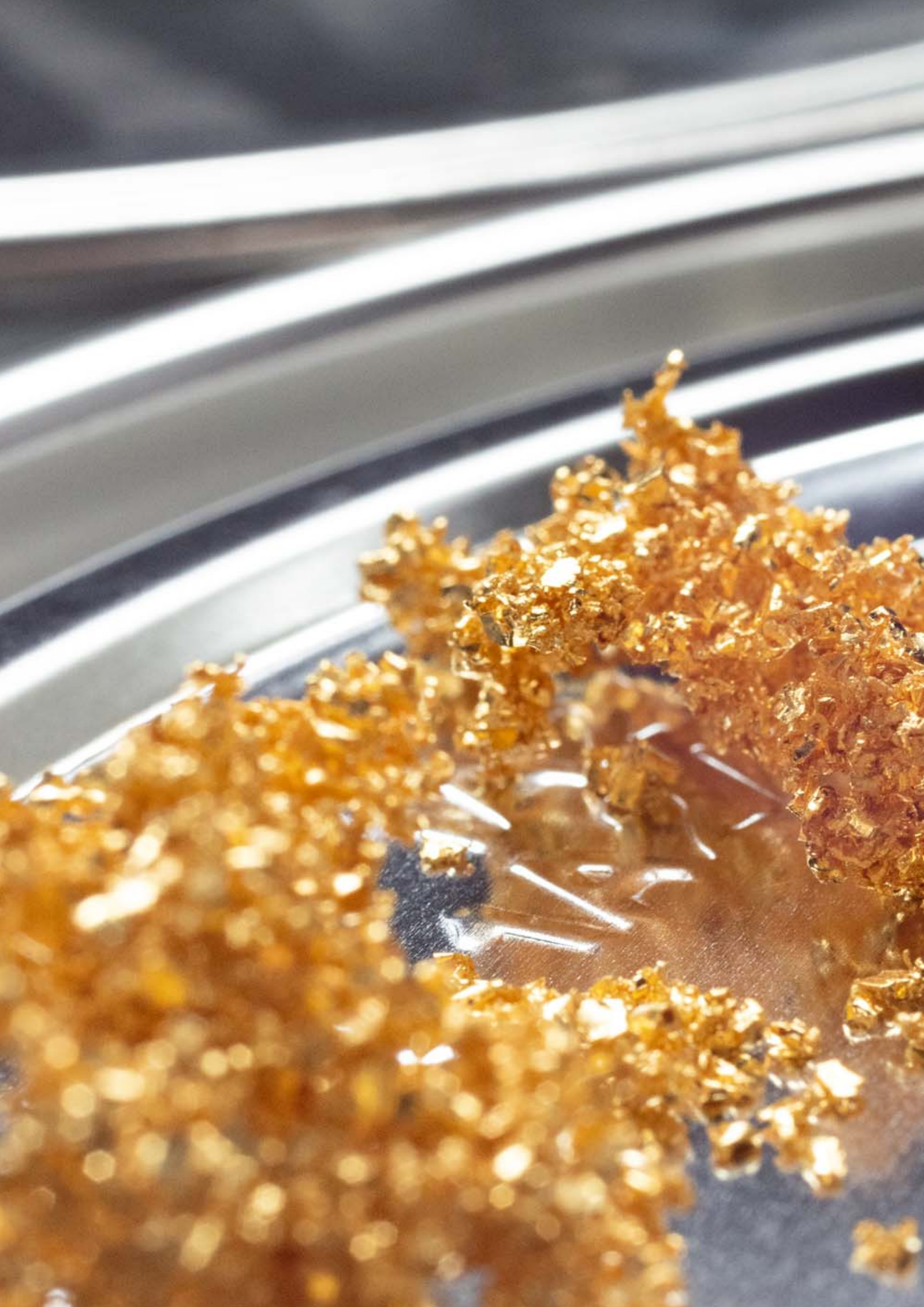


RECOM



PRECIOUS METAL RECYCLING

**ADDED VALUE
GUARANTEED**





ADDED VALUE THROUGH EXPERIENCE

SECURING HIDDEN VALUE SINCE 1996

RECOM is a specialist in high-quality services dealing with efficient precious metal recycling. The high quality of all of our processes, the use of state-of-the-art methods and technologies, as well as the highest precision of sample production in cooperation with selected refineries and metal smelters, form the foundation of RECOM's promise: **added value – guaranteed.**

Numerous companies from a wide variety of industries benefit from our expertise in the reprocessing of production residues. Our customer base is made up of national and international companies from the electronics and automotive industries, as well as from the chemical, petrochemical and glass manufacturing sectors.

Decades of experience in precious metal recycling and uncompromising trustworthiness have earned RECOM our excellent reputation around the globe.

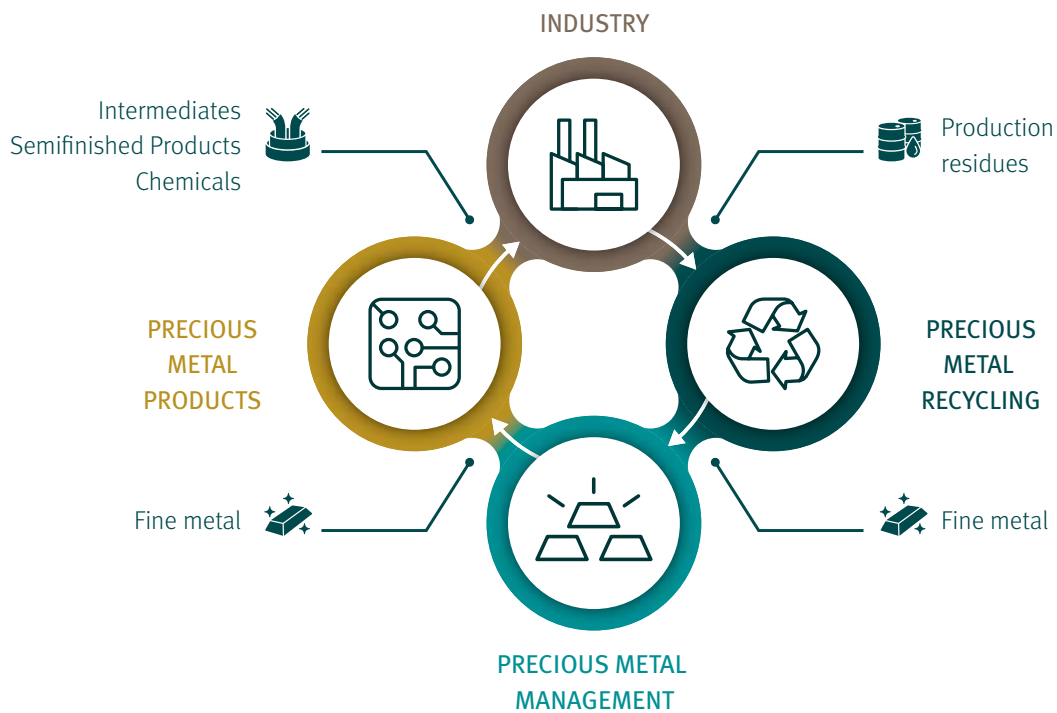


THE RAW MATERIAL CYCLE

ADDED VALUE THROUGH A COMPREHENSIVE PROCESS

WE SERVE AND ADVISE YOU THROUGHOUT THE ENTIRE RAW MATERIAL CYCLE

We use state-of-the-art methods to process residues, laying the foundation for the highest precision in determining precious metal values. The output is precious metals in commercial form that can then be used to manufacture new intermediates, semifinished products, chemicals or the like.





ADDED VALUE THROUGH SUBSTANCE

OUR EXPERTISE IS YOUR ADVANTAGE

Depending on the nature of the residual and recyclable materials provided by the customer, we develop a customised recycling concept. This concept not only includes the best solution for extracting precious metals, but also the environmentally-friendly treatment of the residues.

Precious metal recycling is all about precision – it's the numbers after the decimal point that truly matter.

Au
GOLD



Ag
SILVER



Pt

PLATINUM



Pd

PALLADIUM



Rh

RHODIUM



Ir

IRIDIUM



Ru

RUTHENIUM



Cu

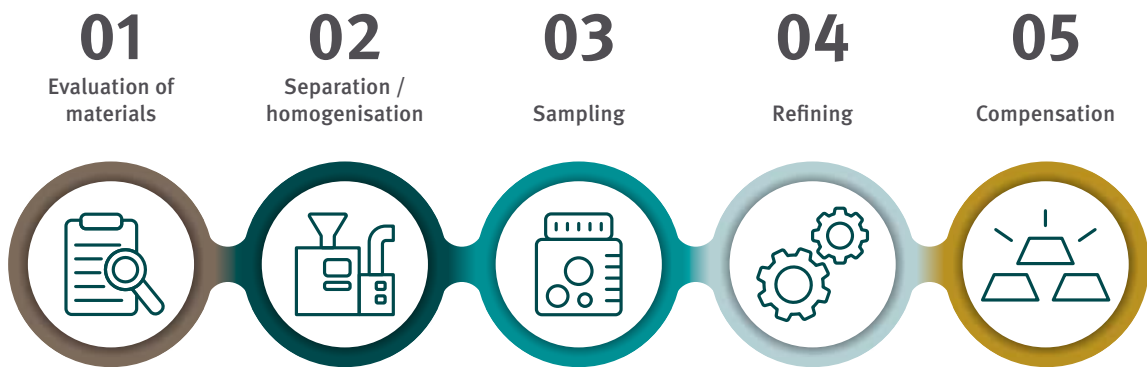
COPPER



CORE STRENGTHS FOR EFFICIENCY

Around the world, there are numerous refineries and metal smelters with processes that differ significantly from one another. These differences have a big impact on refining costs and compensation. Bundling material flows and carefully selecting specialized refineries and metal smelters form the foundation of our value chain.

Our expertise and careful planning ensure the greatest efficiency and profitability in precious metal recovery.



From the evaluation of the materials delivered through to compensation – we guarantee the maximum security and complete transparency in the recovery of precious metals from your production residues.

With our precious metal software, every step of the process can be tracked at any time. When it comes to precious metal compensation, we are flexible to adapt to your needs.

ADDED VALUE THROUGH PROFESSIONALISM

OUR GOAL: MAXIMUM CUSTOMER SATISFACTION

The right combination of highly developed technical and commercial components is the decisive factor in value creation with precious metal recycling. Our comprehensive portfolio of services includes personal consultation in all matters relating to profitability calculations, concepts for the collection of recyclable materials, and the transport of hazardous materials.



LOGISTICS AND ENVIRONMENTAL MANAGEMENT: SECURITY FROM A TO Z

Your precious metals are fully insured from the time the materials are received to the time remuneration is settled. We also guarantee complete safety during transport. Materials are transported by trained drivers and transport includes the provision of UN-certified empty containers, as well as the professional handling of transport, issuing of disposal certificates, and customs clearance including the necessary notifications for hazardous goods.

MATERIAL PROCESSING AND PRECIOUS METAL ANALYSIS: EVERY PARTICLE COUNTS

The basis for the maximum recovery of precious metals is highly professional processing throughout the entire material flow. We are able to draw on decades of experience in customised and material-specific processing methods. Our specially-developed precious metal software allows all processes – from the weighing protocol to invoicing – to be mapped, and optimally connects them to an integrated system.

PRECIOUS METALS MANAGEMENT AND REMUNERATION: TAILORED TO YOUR NEEDS

The preparation, sampling and analysis of residues up to the extraction of the pure precious metals is a complex and time-consuming process. We determine the exact precious metal content of your materials for metal settlement purposes before the refined fine metals are physically available, giving you a significant cash-flow advantage and flexible options for your raw material procurement.

COMPENSATION OPTIONS

We offer various options for the compensation of assessed precious metal content:

- ◆ Fixing prices at market rates on specified dates with immediate payment
- ◆ Futures (hedging of precious metal prices before settlement date)
- ◆ Transfer of precious metals to metal accounts at third party companies
- ◆ Physical delivery of precious metals

ADDED VALUE WITH A SYSTEM

MAXIMUM EFFICIENCY AND FLEXIBILITY

SAMPLING:
THE PROCESS
DETERMINES
THE RESULT

We process each individual lot separately, and use preparation techniques based on the material, as well as high-precision sampling systems.

To create representative laboratory samples, we take multiple shavings from a sample ingot cast from the molten material.



**ANALYTICS:
SPOTLIGHT ON
REPRESENTATIVE
SAMPLES**



The quality of the sample taken plays a major role, given the high value of the material. This is because as an exact, representative depiction of the total amount, it forms the basis for arranging compensation for the precious metal content between the customer and RECOM.

Using standardised, precise methods, several samples are taken from every batch and then sealed. The fine samples prepared in RECOM's own laboratory are precisely analysed by an independent institute specialising in precious metal analysis, and the binding precious metal content is determined.



ADDED VALUE THROUGH FULL SERVICE

WITH US, YOU GET EVERYTHING
FROM A SINGLE SOURCE

WITH RECOM,
GET YOUR
PRECIOUS
METALS
UP TO
55%
FASTER*

* With RECOM: 6 - 8 weeks
Without RECOM: 14 - 18 weeks



CUSTOMER



**PARTNERSHIP-BASED
COOPERATION**

Delivery to/
pick up by
RECOM

WE FOCUS ON YOUR NEEDS:

Customer-focused:

We adapt to your processes –
not the other way around.

Full service:

You can focus on what's important –
we'll take care of the rest.

Cash-flow advantage:

Quick reimbursement safeguards your
cash flow.

Guaranteed security:

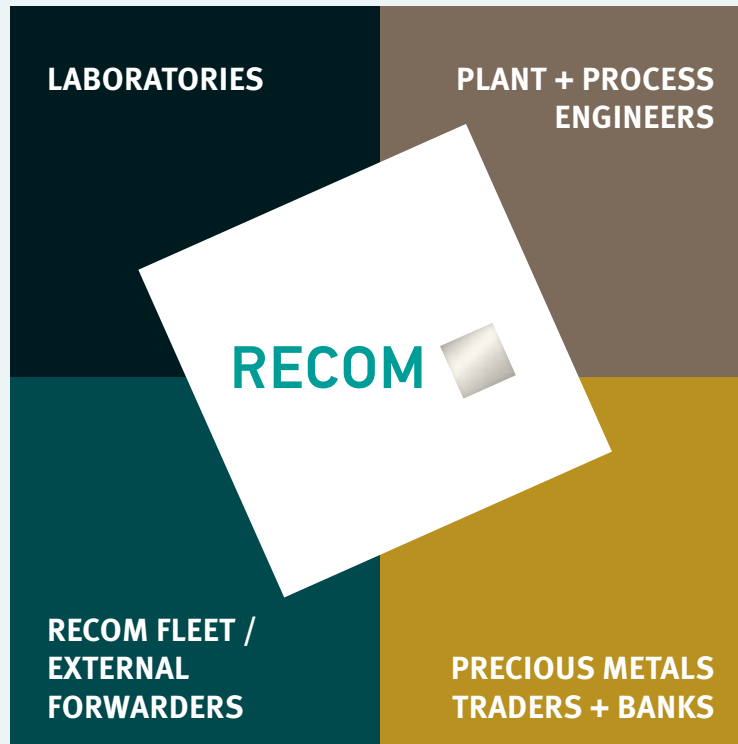
From material acceptance through
to invoicing.

- Specialised sampling
- Independent analysis

Precious metal compensation/€

100%
TRANSPARENCY

- Hazardous materials transport
- Customs clearance
- Goods in transit insurance
- Provision of empty containers



- Customer-focused process development
- Continuous use of state-of-the-art methods and processes

- Bank guarantees
- Precious metal prefinancing
- Futures
- Flexible precious metal allocations

+ CONSULTATION & CONCEPTION

- Profitability calculation
- Proof of disposal
- Material-specific processing methods
- Flexible remuneration options

+ QUANTITY & MATERIAL POOLING

- Quantity pooling
- Efficient refining of concentrates
- International network with refineries and smelters

+ OPTIMUM RESULTS

- Precision in all sampling processes
- Fine preparation in our own laboratory
- Our own precious metal software



Fachvereinigung
Edelmetalle





ADDED VALUE IN DETAIL

DISCOVER THE WIDE RANGE OF PRECIOUS-METAL-CONTAINING RECYCLABLES

Unlike specialised refineries, we offer processes for the entire spectrum of residues that contain precious metals – from metallic and ceramic to organic waste – all from a single source.

ELECTRICAL INDUSTRY AND ELECTRONICS

In electrical engineering, precious metals can be found in integrated circuits, processors, semiconductors, circuit boards or connectors. They are also used in optoelectronics, for example in reflectors.

CHEMISTRY AND PETROCHEMISTRY

In the chemical and petrochemical industries, precious metals are primarily used in catalysts and solutions. However, waste such as sludge and dross also contain precious metals.

PHARMACEUTICALS AND MEDICAL TECHNOLOGY

In the pharmaceutical industry, precious metals are mainly used in catalysts. In addition, they are used in sensors, electrodes or medical equipment.

GLASS PRODUCTION

In glass production, precious metals are particularly found in semifinished products and firebricks, as well as in coated glass.

AUTOMOTIVE INDUSTRY

In the automotive industry, automotive catalytic converters and electronic components make up the “classic” precious metal recycling case.

SPECIAL AREAS

In addition to traditional industries, precious metals are also used in specialty areas such as photovoltaics, hydrogen production and the luxury goods industry.





ADDED VALUE THROUGH SUSTAINABILITY

THE GREATEST PROTECTION FOR PEOPLE, THE PLANET AND VALUES

OUR COMMITMENT TO A SUSTAINABLE FUTURE

At RECOM, we are committed to taking a leading role in environmental protection and social responsibility. As precious metal recycling specialists, we make a significant contribution to the conservation of natural resources and reduce our customers' ecological footprint.

ENVIRONMENTALLY-FRIENDLY PROCESSES

As a precious metal recycling company, it is in our nature to use natural resources with care. Our processes minimise energy consumption and emissions, allowing us to make a positive contribution to reducing pollution.

We compensate for unavoidable CO₂ emissions through our involvement in local and international climate protection projects.

SOCIAL RESPONSIBILITY

Our responsibility extends beyond environmental protection. We place great importance on the safety and well-being of our employees and get involved in the communities where we work. With fair working conditions, as well as ongoing training and social projects, we encourage positive, sustainable development.

TRANSPARENCY AND TRUST

Transparency and integrity are the cornerstones of our corporate philosophy. We regularly update partners and customers about our sustainability progress and efforts, and we ensure that all of our business practices comply with ethical and legal standards.

FUTURE-FOCUSED INNOVATION

We are constantly investing in research and development to find innovative solutions for even more environmentally-friendly recycling. Our vision: to further advance the circular economy and make a significant contribution to a more sustainable future.

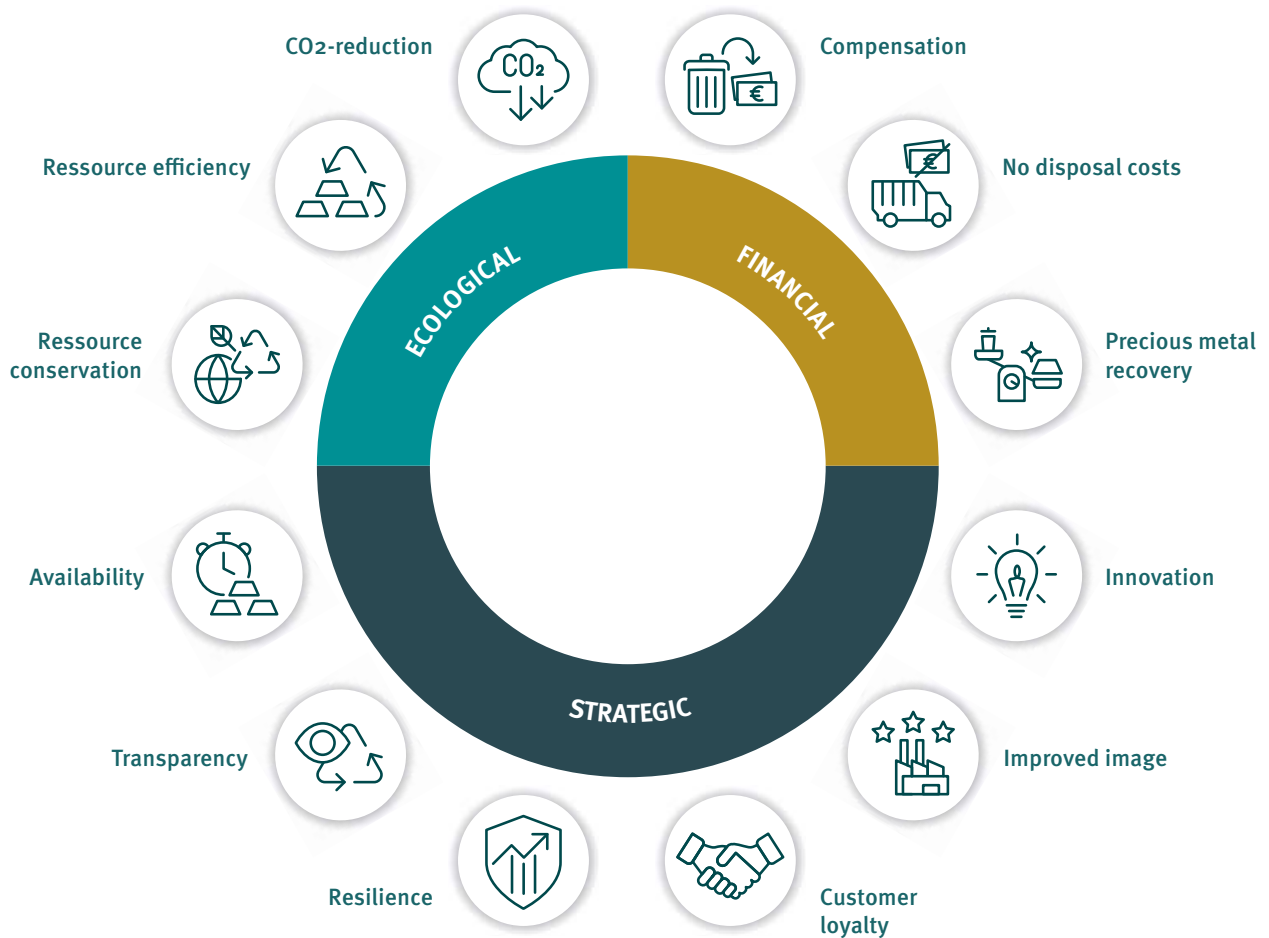


ADDED VALUE THAT BENEFITS EVERYONE

PRECIOUS METAL RECYCLING PAYS OFF – EVEN IN THE LOWEST CONCENTRATIONS

Precious metal recycling is meaningful and worthwhile in many ways, not only from an ecological perspective. In addition to compensation for the precious metals recovered, another important financial aspect must be considered: production residues don't have to be disposed of, which in turn saves you money.

Integrating with the circular economy also holds many other benefits for you. The guaranteed, regular remuneration gives your company greater independence, and you secure the supply of raw materials for production.





DO YOU HAVE PRODUCTION RESIDUES
THAT CONTAIN PRECIOUS METALS?
CONTACT US TODAY!

RECOM

PRECIOUS METALL-RECYCLING

RECOM Recycling GmbH

Grünwaldstraße 11
D-63739 Aschaffenburg

Phone: +49 (0) 6021 39181-0

info@recomgmbh.com
www.recomgmbh.com

