

TANAKA

ESG challenge

20240610
TANAKA HOLDINGS
DE&I Promotion Office



TANAKA's footsteps : Industrial products ~ Retail investment bars / Jewelery

1885

1885
Started Money Exchange business as "Tanaka Shoten" in Tokyo

1889
Succeeded manufacturing industrial products of Platinum domestically



1940

1949
Started manufacturing spinneret for chemical fiber

1952
Started manufacturing Crossbar contact point



1980

1980
Certified as Good Delivery Bars of platinum in Zurich/London Market

1985
Published a book of Science of Precious Metals in commemoration of 100 years anniversary of founding



2000

2003
Accredited LBMA Good Delivery Referee

2009
Appointed as Good Delivery Referee by LPPM

2010
TANAKA transitioned to a system centered on the holding company TANAKA Holdings.

Accredited ISO/IEC17025 for Gold analysis

2011
Accredited ISO/IEC17025 for Platinum and Palladium analysis

2012
Appointed as a full member to LBMA

2013
Accredited ISO/IEC17025 for Silver analysis

2015
130th anniversary of TANAKA

Appointed as a full member to LPPM

Launched TANAKA Kikinzoku Memorial Foundation

2016
TANAKA welcomed Metalor Technologies International SA as a member of the group

1910

1921
Started manufacturing electric contact points for telecommunication



1923
Concluded a Sole agent agreement with USSR, having a world share of 70%, for selling Platinum & Palladium in the Eastern market

1960

1963
Fabricated official Tokyo Olympic coins

1964
Succeeded manufacturing gold bonding wire of diameter of 0.01mm domestically

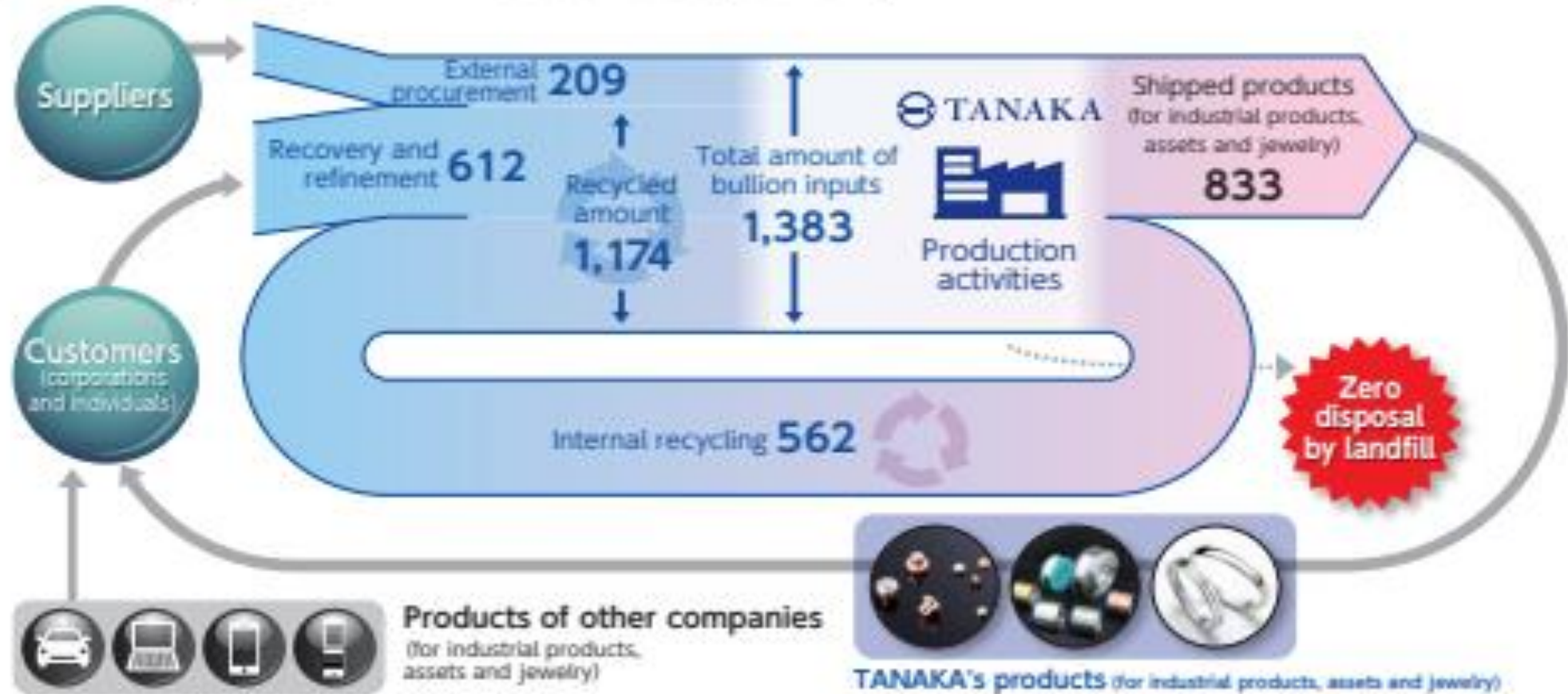


1978
Established Tanaka Electronics Singapore Pte. Ltd. Certified as Gold Melter (the first in Japan) in the London Gold Market

TANAKA's challenge to enhance the recycle.

Direct Materials / Cyclical Use of Precious Metals

● Bullion Flow Diagram of the TANAKA Precious Metals (fiscal 2022)



- Kinds of precious metals: Platinum, gold, silver, palladium, etc.
- External procurement: Bullion purchased through the market from trading companies, mining companies, etc.
- Recovery and refinement: Bullion refined from the items recovered from customers
- Internal recycling: Part of bullion generated in the manufacturing process but not used in products. Returned materials. The weight of the input is not necessarily the same as that of the output because bullion is repeatedly reused.
- Shipped products: Bullion shipped as products.

(Unit: tons)

Launching TANAKA RE Series

TOPICS

Launch of the RE Series of recycled precious metal materials, which uses only 100% recycled materials

The RE Series is composed of gold (Au), platinum (Pt) and other precious metals refined from 100% recycled precious metals. While TANAKA Kikinzoku Kogyo K.K. has been operating a precious metal recycling business since its founding, it has now expanded its RE Series production line to manufacture products that use 100% recycled precious metal materials. The RE series raw material products provided by TANAKA Kikinzoku Kogyo K.K. have already been applied to compounds for plating solutions as the first step. As the second step, we will also introduce the materials into the gold bonding wire products manufactured by TANAKA Denshi Kogyo K.K.



100% RECYCLED
TANAKA PRECIOUS METALS

Logo of the RE Series



Bonding wire products

Grants to the researchers

Tanaka Kikinzoku Memorial Foundation

○ Grants for Research on Precious Metals

This grant program has been carried out every year since fiscal 1999 to support research and development on new technologies to which precious metals can contribute. We received a total of 159 applications for this 24th invitation and provided grants of 16.2 million yen in total to 24 research projects.

● Gold Award: 2 recipients, 2 million yen each

Modeling of precious metal extraction and separation using Moessbauer spectroscopy parameters and computational chemistry

Dr. Masashi Kaneko,
a researcher at the Japan Atomic Energy Agency

Experiments to achieve microstructure control of precious metal-based high-entropy alloys

Professor Seiji Miura, Hokkaido University

Awards for 2023
Umekichi TANAKA AWARD (10mil yen)
Prof. Haruichi KANAYA, Kyushu Univ.

Challenge against Global Warming



Green Transformation

2050 Statement on Carbon Neutrality

In April 2022, we made TANAKA Precious Metals Statement on Carbon Neutrality to declare that we aim to make our CO₂ emissions net zero in 2050. A company-wide project team headed by the CEO has also been launched to take measures to achieve carbon neutrality such as the improvement of energy efficiency in plants and the development of products that contribute to a decarbonized society.

TANAKA Precious Metals Statement on Carbon Neutrality

The TANAKA Precious Metals will take on the challenge of addressing global warming, a social issue on a global scale, by aiming to achieve carbon neutrality by 2050 and actively introducing technologies that contribute to a decarbonized society within the Group and in society.

To reduce greenhouse gases arising from business activities, we will continuously undertake emission reduction activities, such as increasing energy efficiency, improving manufacturing processes and adopting the use of green energy, at our plants and offices.

At the same time, we will provide products that meet the expectations of customers working toward a decarbonized society, including catalysts that contribute toward greenhouse gas reduction and high-performance materials such as those used in electric vehicles. We will also strengthen our precious metal recycling business to contribute toward a circular economy, thereby creating a prosperous and sustainable future for the Earth with our own hands.

We will consider tree-planting and activities to preserve forest rejuvenation such as the creation of Tanaka Forest.

The TANAKA Precious Metals aims to achieve carbon neutrality through these activities.

In fiscal 2022, we will form a company-wide project team directly controlled by the CEO to consider and implement specific measures. The TANAKA Precious Metals will continue to provide value to customers and society as a whole through products and solutions that apply the unique characteristics of precious metals.



NAKA

TANAKA Group DE&I Declaration

TANAKA Group considers the individuality of each employee is the origin of value creation and positions the promotion of DE&I as one of our key management strategies. We declare to make company-wide efforts to promote DE&I .

To create new innovations for a better future and to achieve happiness for our employees to believe in their own potential, we will operate in accordance with the following guidelines.

Group DE&I guidelines

an organization where each employee can recognize and respect the individuality and
each employee with opportunities to develop and maximize the potential.
work environment where each employee can inspire each other and grow together.

Diversity , Equity and Inclusion

April 1, 2023
TANAKA Holdings Co., Ltd.
Group CEO
Frank Tanaka

Frank Tanaka

