

Precious Metals E-Waste Recovery Market By Metal Type (Gold, Copper, Silver, Others), By Source (Home Appliances, Consumer Electronics, IT and Telecommunication Equipment, Others): Global Opportunity Analysis and Industry Forecast, 2021-2030

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Report description:

The global precious metals e-waste recovery market is envisioned to garner \$18,645.2 million by 2030, growing from \$9,434.5 million in 2021 at a CAGR of 7.0% from 2022 to 2030.

Precious metals are necessary in current digital world as they are utilized in a variety of items, including semiconductors, LEDs, OLEDs, photovoltaic systems, magnetic data storage, passive components, LEDs and OLEDs, and semiconductors. Precious metal is essential to numerous industrial processes in addition to their significant roles in finished goods, such as in the chemical and petrochemical industries as catalysts.

A significant contributor to the anticipated growth of the market is the vast expansion of the IT and communication sectors. The development is mostly attributed to rising electronic consumption, which is encouraging the up gradation to more advanced electronics and having an impact on the disposal of out-of-date electronics. Due to this, there is a rise in the creation of electronic garbage around the world and a need for recycling electronic waste to address environmental problems including soil pollution. These factors are projected to fuel the market expansion during the course of the analysis. Leading industry players are constantly focusing on strategies to increase consumer awareness regarding e-waste recycling. To encourage people to recycle and reuse electronics ethically, Sims Recycling Ltd, for instance, launched awareness campaigns on International E-waste Day in October 2019.

Recycling of consumer electronics and home appliances has the potential to release various harmful substances, including metals and organic compounds. It can result in health problems such thyroid function alterations, reduced lung function, and poor neonatal outcomes if a person is subjected to informal recycling of metals and organic substances. These factors are predicted to constrain the market growth over the analysis period.

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The Global E-waste Monitor 2020 estimates that the global e-waste production for 2019 was at 53.6 million MT. Only 9.3 million MT of e-waste was formally documented as having been collected and recycled, nevertheless. This demonstrates that e-waste generation is increasing opportunity globally while recycling efforts are not keeping up. The majority of the unreported household and business e-waste is likely combined with other waste streams or metal debris, causing the loss of valuable metals that can be recovered for profit. Given the massive volume of e-waste available globally, market entrants may see this situation as a chance to build.

The global precious metals e-waste recovery market has been negatively impacted by the new coronavirus outbreak. Due to lockdowns imposed by the governments of various countries and the closure of industrial facilities, there was a disruption in the collection and recovery of e-waste throughout the world during the lockdown. However, some of the major players used market techniques, such as global expansion, to make their services available to clients in the period after the lockdown.

The key players profiled in this report include Johnson Matthey, Umicore, Materion Corporation, Boliden Group, Sims Lifecycle Services, Inc., TANAKA Holdings Co., Ltd., Metallix, TES, Heraeus Holding, and Enviroleach Technologies Inc.

Key Benefits For Stakeholders

-This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the precious metals e-waste recovery market analysis from 2021 to 2030 to identify the prevailing precious metals e-waste recovery market opportunities.

-The market research is offered along with information related to key drivers, restraints, and opportunities.

-Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

-In-depth analysis of the precious metals e-waste recovery market segmentation assists to determine the prevailing market opportunities.

-Major countries in each region are mapped according to their revenue contribution to the global market.

-Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

-The report includes the analysis of the regional as well as global precious metals e-waste recovery market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Source

- Home Appliances
- Consumer Electronics
- IT and Telecommunication Equipment
- Others

By Metal Type

- Gold
- Copper
- Silver
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- U.K.
- France
- Spain

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- Italy
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- Australia
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- UAE
- South Africa
- Rest of LAMEA
- Key Market Players
- Johnson Matthey plc
- umicore
- Materion Corporation
- Boliden Group
- Sims Recycling Ltd.
- TANAKA HOLDINGS Co., Ltd.
- metallix refining inc.
- TES
- heraeus holding gmbh
- Enviroleach Technologies Inc.

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