

Copper And Copper Alloy Scrap and Recycling Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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Report description:

The Global Copper And Copper Alloy Scrap & Recycling Market was valued at USD 42.4 billion in 2024 and is estimated to grow at a CAGR of 10.2% to reach USD 119.6 billion by 2034, driven by rising industrial activities and a global push for sustainability. The focus on a circular economy, supported by governments worldwide, has resulted in increased demand for copper scrap and its alloys. Recycled copper is gaining importance as an essential resource in various industries, from electrical to construction, due to its excellent conductivity, recyclability, and high value across applications.

The electrical and electronics sector plays a pivotal role in driving the demand for recycled copper, as it consumes 60% of the world's copper. This sector requires copper for everything from wiring to circuit boards due to its unmatched electrical conductivity. Additionally, as the world continues to undergo significant electrification, spurred by the rise of electric vehicles, renewable energy, and related infrastructure, copper recycling has become a key component of the supply chain. Furthermore, copper's role in construction, especially in emerging markets like Asia-Pacific and the Middle East, is expanding, where it's used in plumbing, cladding, roofing, and wiring.

The copper scrap segment, which was valued at USD 27.5 billion in 2024, is anticipated to experience substantial growth, reaching USD 76.6 billion by 2034. Copper scrap remains a primary source of recycled copper, making it essential across various industries due to its abundance, high value, and superior properties. Copper's excellent conductivity, resistance to corrosion, and versatility for reuse make it highly sought after, particularly in sectors like electrical and construction. As industries continue to demand more sustainable solutions, the use of copper scrap helps reduce the need for primary copper mining, aligning with global efforts to recycle and optimize resources.

The electrical & electronics sector dominates the Copper And Copper Alloy Scrap & Recycling Market, holding a 34.2% share in 2024, driven by copper's crucial role in mobile phones, smart tablets, computers, and other modern electronics, where it is used extensively for wiring, circuit boards, and connectors. Copper's role as a reliable conductor of electricity makes it indispensable in this industry, supporting the demand for both primary and recycled copper. As technological innovation continues, especially in mobile and smart device production, the need for copper in electronics is set to rise, further bolstering the growth of the copper scrap market.

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United States Copper And Copper Alloy Scrap & Recycling Market generated USD 7.1 billion in 2024, underpinned by the country's increasing focus on sustainability and the circular economy. As businesses and industries move toward more environmentally friendly practices, the emphasis on recycling copper has intensified. Copper is known for its ability to be recycled multiple times without losing quality, making it an ideal material for reuse. This not only reduces the demand for virgin copper but also supports the growing trend of waste reduction and resource conservation.

Key players in the Global Copper And Copper Alloy Scrap & Recycling Market Include Aurubis AG, Umicore, Commercial Metals Company, European Metal Recycling (EMR), and Sims Metal Management. These companies have adopted several strategies to strengthen their positions in the market, including expanding their recycling capacities, investing in state-of-the-art technologies, and building strong relationships with suppliers and customers. By focusing on efficiency improvements and enhancing their recycling processes, these firms aim to meet the growing demand for recycled copper while aligning with global sustainability goals. Additionally, they are expanding their geographic footprints to tap into new markets and leverage emerging opportunities in the circular economy.

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Table of Contents:

Report Content

Chapter 1 Methodology & Scope

- 1.1 Market scope & definition
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

Chapter 2 Executive Summary

- 2.1 Industry synopsis, 2021-2034

Chapter 3 Industry Insights

- 3.1 Market Overview and Dynamics
 - 3.1.1 Market Definition and Scope
 - 3.1.2 Industry Value Chain Analysis
 - 3.1.3 Market Size and Growth Projections (2025-2033)
 - 3.1.4 Historical Market Evolution (2018-2024)
 - 3.1.5 Market Drivers
 - 3.1.5.1 Rising Demand for Copper in Renewable Energy
 - 3.1.5.2 Increasing Focus on Circular Economy
 - 3.1.5.3 Cost Advantages of Recycled Copper
 - 3.1.5.4 Growing Electric Vehicle Market
 - 3.1.5.5 Urbanization and Infrastructure Development
 - 3.1.6 Market Restraints
 - 3.1.6.1 Price Volatility in Copper Markets
 - 3.1.6.2 Collection and Sorting Challenges
 - 3.1.6.3 Quality Inconsistencies in Recycled Materials

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- 3.1.6.4 Technological Limitations
- 3.1.6.5 Supply Chain Disruptions
- 3.1.7 Market Opportunities
 - 3.1.7.1 Technological Advancements in Recycling Processes
 - 3.1.7.2 Untapped Potential in Developing Economies
 - 3.1.7.3 E-Waste Recycling Expansion
 - 3.1.7.4 Integration of AI and Automation
 - 3.1.7.5 Strategic Partnerships and Collaborations
- 3.1.8 Market Challenges
 - 3.1.8.1 Regulatory Compliance Complexity
 - 3.1.8.2 Competition from Primary Copper Production
 - 3.1.8.3 Contamination Issues in Recycled Copper
 - 3.1.8.4 High Initial Investment Requirements
 - 3.1.8.5 Skilled Labor Shortages
- 3.1.9 PESTLE Analysis
- 3.1.10 Porter's Five Forces Analysis
- 3.2 Trump Administration Tariffs
 - 3.2.1 Impact on Trade
 - 3.2.1.1 Trade Volume Disruptions
 - 3.2.1.2 Retaliatory Measures
 - 3.2.2 Impact on the Industry
 - 3.2.2.1 Supply-Side Impact (Raw Materials)
 - 3.2.2.1.1 Price Volatility in Key Materials
 - 3.2.2.1.2 Supply Chain Restructuring
 - 3.2.2.1.3 Production Cost Implications
 - 3.2.2.2 Demand-Side Impact (Selling Price)
 - 3.2.2.2.1 Price Transmission to End Markets
 - 3.2.2.2.2 Market Share Dynamics
 - 3.2.2.2.3 Consumer Response Patterns
 - 3.2.3 Key Companies Impacted
 - 3.2.4 Strategic Industry Responses
 - 3.2.4.1 Supply Chain Reconfiguration
 - 3.2.4.2 Pricing and Product Strategies
 - 3.2.4.3 Policy Engagement
 - 3.2.5 Outlook and Future Considerations
- 3.3 Trade statistics (HS Code)
 - 3.3.1 Major Exporting Countries, 2021-2024 (USD Mn)
 - 3.3.2 Major Importing Countries, 2021-2024 (USD Mn)

Note: The above trade statistics will be provided for key countries only
- 3.4 Copper Recycling Value Chain Analysis
- 3.5 Collection Systems and Infrastructure
 - 3.5.1 Formal Collection Networks
 - 3.5.2 Informal Collection Networks
 - 3.5.3 Deposit Systems
 - 3.5.4 Extended Producer Responsibility Programs
- 3.6 Sorting and Pre-processing
 - 3.6.1 Manual Sorting

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- 3.6.2 Automated Sorting Technologies
- 3.6.3 Shredding and Size Reduction
- 3.6.4 Separation Technologies
- 3.7 Processing and Refining
 - 3.7.1 Smelting Operations
 - 3.7.2 Refining Processes
 - 3.7.3 Quality Control Measures
 - 3.7.4 By-product Recovery
- 3.8 Distribution and End Markets
 - 3.8.1 Market Channels
 - 3.8.2 Pricing Mechanisms
 - 3.8.3 Quality Standards and Specifications
 - 3.8.4 Customer Requirements
- 3.9 Value Chain Integration and Optimization Strategies
- 3.10 Value Chain Challenges and Bottlenecks
- 3.11 Future Evolution of the Value Chain
- 3.12 Regulatory Framework and Policy Analysis
 - 3.12.1 Global Regulations
 - 3.12.1.1 Basel Convention
 - 3.12.1.2 International Trade Regulations
 - 3.12.1.3 Global Sustainability Initiatives
 - 3.12.2 Regional Regulatory Frameworks
 - 3.12.2.1 North America
 - 3.12.2.1.1 U.S. EPA Regulations
 - 3.12.2.1.2 Resource Conservation and Recovery Act (RCRA)
 - 3.12.2.1.3 State-Level Regulations
 - 3.12.2.2 European Union
 - 3.12.2.2.1 Waste Electrical and Electronic Equipment (WEEE) Directive
 - 3.12.2.2.2 End-of-Life Vehicles (ELV) Directive
 - 3.12.2.2.3 Circular Economy Action Plan
 - 3.12.2.2.4 REACH Regulations
 - 3.12.2.3 Asia-Pacific
 - 3.12.2.3.1 China's Policies on Scrap Imports
 - 3.12.2.3.2 Japan's Recycling Laws
 - 3.12.2.3.3 India's E-Waste Management Rules
 - 3.12.3 Other Regional Regulations
 - 3.12.4 Impact of Regulations on Market Dynamics
 - 3.12.5 Compliance Strategies for Industry Participants
 - 3.12.6 Future Regulatory Trends and Their Implications
- 3.13 Sustainability and Environmental Impact Analysis
 - 3.13.1 Environmental Benefits of Copper Recycling
 - 3.13.1.1 Energy Savings
 - 3.13.1.2 Greenhouse Gas Emission Reductions
 - 3.13.1.3 Resource Conservation
 - 3.13.1.4 Waste Reduction
 - 3.13.2 Life Cycle Assessment of Recycled vs. Primary Copper
 - 3.13.3 Carbon Footprint Analysis

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- 3.13.4 Water Usage and Management
- 3.13.5 Circular Economy Principles in Copper Recycling
- 3.13.6 Corporate Sustainability Initiatives
- 3.13.7 ESG (Environmental, Social, Governance) Considerations
- 3.13.8 Sustainability Certifications and Standards
- 3.13.9 Future Sustainability Trends and Opportunities
- 3.14 Technological Landscape and Innovation Analysis
 - 3.14.1 Current Recycling Technologies
 - 3.14.1.1 Collection and Sorting Technologies
 - 3.14.1.2 Processing Technologies
 - 3.14.1.3 Refining Technologies
 - 3.14.2 Emerging Technologies and Innovations
 - 3.14.2.1 Artificial Intelligence and Machine Learning Applications
 - 3.14.2.2 Robotics and Automation
 - 3.14.2.3 Advanced Sensor Technologies
 - 3.14.2.4 Blockchain for Supply Chain Traceability
 - 3.14.2.5 Novel Metallurgical Processes
 - 3.14.3 Technology Adoption Trends
 - 3.14.4 R&D Investments and Innovation Hubs
 - 3.14.5 Patent Analysis
 - 3.14.6 Case Studies of Technological Success Stories
 - 3.14.7 Future Technology Roadmap
- 3.15 Future Market Trends and Forecasts
 - 3.15.1 Short-term Market Outlook (1-2 Years)
 - 3.15.2 Medium-term Market Projections (3-5 Years)
 - 3.15.3 Long-term Market Forecasts (6-8 Years)
 - 3.15.4 Emerging Trends
 - 3.15.4.1 Urban Mining
 - 3.15.4.2 Digital Transformation in Recycling
 - 3.15.4.3 Localization of Recycling Operations
 - 3.15.4.4 Integration with Renewable Energy Systems
 - 3.15.4.5 Advanced Material Recovery
 - 3.15.5 Scenario Analysis
 - 3.15.5.1 Optimistic Scenario
 - 3.15.5.2 Realistic Scenario
 - 3.15.5.3 Pessimistic Scenario
 - 3.15.6 Impact of External Factors
 - 3.15.6.1 Economic Factors
 - 3.15.6.2 Technological Developments
 - 3.15.6.3 Regulatory Changes
 - 3.15.6.4 Environmental Concerns
 - 3.15.6.5 Social and Demographic Shifts
- 3.16 Investment Analysis and Market Opportunities
 - 3.16.1 Investment Trends in Copper Recycling
 - 3.16.2 Venture Capital and Private Equity Activities
 - 3.16.3 Mergers and Acquisitions Landscape
 - 3.16.4 Return on Investment Analysis

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- 3.16.5 Investment Hotspots by Region
- 3.16.6 Investment Risks and Mitigation Strategies
- 3.16.7 Future Investment Opportunities
- 3.17 Stakeholder Analysis
 - 3.17.1 Key Stakeholder Groups
 - 3.17.1.1 Recycling Companies
 - 3.17.1.2 Copper Producers
 - 3.17.1.3 End-Use Industries
 - 3.17.1.4 Technology Providers
 - 3.17.1.5 Regulatory Bodies
 - 3.17.1.6 Investors and Financial Institutions
 - 3.17.1.7 Research and Academic Institutions
 - 3.17.1.8 Industry Associations
 - 3.17.2 Stakeholder Interests and Influence Analysis
 - 3.17.3 Stakeholder Engagement Strategies
 - 3.17.4 Collaborative Opportunities
- 3.18 Strategic Recommendations
 - 3.18.1 For Recycling Companies
 - 3.18.1.1 Technology Adoption Strategies
 - 3.18.1.2 Market Expansion Opportunities
 - 3.18.1.3 Operational Efficiency Improvements
 - 3.18.1.4 Strategic Partnerships
 - 3.18.2 For End-Use Industries
 - 3.18.2.1 Sourcing Strategies
 - 3.18.2.2 Sustainability Integration
 - 3.18.2.3 Supply Chain Optimization
 - 3.18.3 For Investors
 - 3.18.3.1 High-Potential Investment Areas
 - 3.18.3.2 Risk Assessment Framework
 - 3.18.3.3 Portfolio Diversification Strategies
 - 3.18.4 For Policy Makers
 - 3.18.4.1 Regulatory Framework Enhancements
 - 3.18.4.2 Incentive Programs
 - 3.18.4.3 Infrastructure Development Support
 - 3.18.5 For Technology Providers
 - 3.18.5.1 Innovation Focus Areas
 - 3.18.5.2 Market Penetration Strategies
 - 3.18.5.3 Collaborative R&D Opportunities

Chapter 4 Competitive Landscape, 2024

- 4.1 Market Share Analysis
- 4.2 Market Concentration Analysis
- 4.3 Competitive Positioning Matrix
- 4.4 Key Player Profiles
 - 4.4.1 Aurubis AG
 - 4.4.1.1 Company Overview
 - 4.4.1.2 Financial Performance

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- 4.4.1.3 Product Portfolio
- 4.4.1.4 Strategic Initiatives
- 4.4.1.5 SWOT Analysis
- 4.4.2 Umicore
- 4.4.3 Commercial Metals Company
- 4.4.4 European Metal Recycling (EMR)
- 4.4.5 Sims Metal Management
- 4.4.6 Dowa Holdings Co., Ltd.
- 4.4.7 Schnitzer Steel Industries
- 4.4.8 Kuusakoski Oy
- 4.4.9 Nucor Corporation
- 4.4.10 The David J. Joseph Company
- 4.4.11 Other Notable Players
- 4.5 Competitive Strategies
 - 4.5.1 Mergers and Acquisitions
 - 4.5.2 Joint Ventures and Partnerships
 - 4.5.3 Capacity Expansions
 - 4.5.4 Technological Innovations
 - 4.5.5 Market Entry Strategies
- 4.6 Recent Developments and Their Impact

Chapter 5 Market Size and Forecast, By Type, 2021-2034 (USD Million) (Tons)

- 5.1 Key trends
- 5.2 Copper scrap
 - 5.2.1 Bare bright copper scrap
 - 5.2.2 #1 copper scrap
 - 5.2.3 #2 copper scrap
 - 5.2.4 Other copper scrap
- 5.3 Copper alloy scrap
 - 5.3.1 Brass
 - 5.3.2 Bronze
 - 5.3.3 Cupronickel
 - 5.3.4 Other copper alloys

Chapter 6 Market Size and Forecast, By Source, 2021-2034 (USD Million) (Tons)

- 6.1 Key trends
- 6.2 Old scrap (post-consumer)
 - 6.2.1 End-of-life vehicles
 - 6.2.2 Electronic waste
 - 6.2.3 Building and construction waste
 - 6.2.4 Industrial machinery
 - 6.2.5 Other post-consumer sources
- 6.3 New scrap (pre-consumer/industrial)
 - 6.3.1 Manufacturing process waste
 - 6.3.2 Production residues
 - 6.3.3 Off-specification materials
 - 6.3.4 Other industrial sources

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Chapter 7 Market Size and Forecast, By End Use, 2021-2034 (USD Million) (Tons)

- 7.1 Key trends
- 7.2 Electrical and electronics
- 7.3 Building and construction
- 7.4 Transportation
 - 7.4.1 Automotive
 - 7.4.2 Railways
 - 7.4.3 Aerospace
 - 7.4.4 Marine
- 7.5 Industrial machinery and equipment
- 7.6 Consumer products
- 7.7 Others

Chapter 8 Market Size and Forecast, By Processing Method, 2021-2034 (USD Million) (Tons)

- 8.1 Key trends
- 8.2 Mechanical processing
- 8.3 Pyrometallurgical processing
- 8.4 Hydrometallurgical processing
- 8.5 Electrometallurgical processing
- 8.6 Other processing methods

Chapter 9 Market Size and Forecast, By Region, 2021-2034 (USD Million) (Tons)

- 9.1 Key trends
- 9.2 North America
 - 9.2.1 U.S.
 - 9.2.2 Canada
- 9.3 Europe
 - 9.3.1 UK
 - 9.3.2 Germany
 - 9.3.3 France
 - 9.3.4 Italy
 - 9.3.5 Spain
 - 9.3.6 Netherlands
- 9.4 Asia Pacific
 - 9.4.1 China
 - 9.4.2 India
 - 9.4.3 Japan
 - 9.4.4 South Korea
 - 9.4.5 Australia
- 9.5 Latin America
 - 9.5.1 Brazil
 - 9.5.2 Mexico
 - 9.5.3 Argentina
- 9.6 MEA
 - 9.6.1 South Africa
 - 9.6.2 Saudi Arabia

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9.6.3 UAE

Chapter 10 Company Profiles

10.1 Aurubis AG

10.2 Umicore

10.3 Commercial Metals Company

10.4 European Metal Recycling (EMR)

10.5 Sims Metal Management

10.6 Dowa Holdings

10.7 Schnitzer Steel Industries

10.8 Kuusakoski Oy

10.9 Nucor Corporation

10.10 The David J. Joseph Company

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