Electronic Waste Recycling Market, By Components of Processed Materials (Plastic, Metal, Glass), Sources of Equipment Processed (Household Appliances, IT and Telecommunication, Consumer Electronics) - Forecast 2022

Market Synopsis of Electronic Waste Recycling Market:

Market Scenario:

Electronic waste recycling is the reprocessing of electrical and electronic equipment of different types which have been discarded so as to reuse it. The electronic wastes include household appliances such as TV, air conditioners, computers, mobile phones, laptops, DVDs, oven, microwave, fans, heaters, toasters and others. Recycling of electronic waste is an upcoming trend which growing immensely as there is a severe need to protect human and environmental health. Electronic wastes have a very high impact on environment, the pollution due to the increasing electronic wastes as led to the recycling of electronic waste on a larger scale.

Recycling of electronic waste includes two methods as the traditional manual disassembly method and automated process. The automated process is majorly preferred, it consists of 6 steps which are- picking shed, disassembly, first size reduction process, second size reduction process, over band magnet, non-metallic and metallic components separation and water separation.

The study indicates that the major driving factor for the Electronic Waste Recycling market is the increasing quantity of electronic wastes and the environmental concerns. It has been observed that governments of different countries are taking initiatives for managing and recycling the electronic wastes. Moreover, the original equipment manufacturers (OEMs) and non-profit organizations are also taking special efforts for electronic waste recycling.

The global Electronic Waste Recycling market is expected to grow at USD ~26 Billion by 2022, at ~17% of CAGR between 2016 and 2022.

Study Objectives of Electronic Waste Recycling Market:

- To provide detailed analysis of the market structure along with forecast of the various segments and sub-segments of the Electronic Waste Recycling market.
- To provide insights about factors affecting the market growth.
- To analyze the Electronic Waste Recycling market based porter’s five force analysis etc.
- To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries- North America, Europe, Asia, and Rest of the World (ROW).
- To provide country level analysis of the market with respect to the current market size and future prospective.
- To provide country level analysis of the market for segment on the basis of components of processed materials and sources of equipment processed.
- To provide strategic profiling of key players in the market, comprehensively analyzing their core competencies, and drawing a competitive
To track and analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the Electronic Waste Recycling landscape for the market.

Electronic Waste Recycling Market:

Key Players:
The prominent players in the Electronic Waste Recycling market are - Polymers, Inc. (California), Electronic Recyclers International, Inc. (U.S.), Sims Metal Management Ltd. (Australia), Aurubis AG (Germany), Boliden AB (Sweden), Stena Technoworld AB (Sweden), Tetronics (International) Ltd. (U.K.), Enviro-Hub Holdings Ltd. (Singapore), Global Electric Electronic Processing Inc. (Canada), Umicore S.A. (Belgium) among others.

Segments:
Electronic Waste Recycling is market is segmented on the basis of components of processed materials and sources of equipment processed.

Electronic Waste Recycling market by components of processed material:
Plastic
- Acrylonitrile butadiene styrene (ABS)
- Acrylonitrile butadiene styrene (ABS)
- High impact polystyrene (HIPS)
- Others

Metal
- Copper
- Silver
- Steel
- Others
- Glass
- Others

Electronic Waste Recycling market by Source of Equipment:
- Household appliances
- IT and Telecommunication
- Consumer Electronics

Regional Analysis:
The regional analysis of Electronic Waste Recycling is being studied for region such as Asia pacific, North America, Europe and Rest of the World. It has been observed that Europe would dominate the Electronic Waste Recycling market owing to factors such
as environment concerns and government initiatives. The study indicates that North America has the second biggest market share in the Electronic Waste Recycling market.

Asia Pacific Electronic Waste Recycling market is expected to show a positive growth over the forecast period owing to factors such as rising environmental concerns and increasing electronic wastes. In Asia-Pacific countries like China, Japan and others government has taken major efforts for electronic waste management due to which the study reveals that these countries would show a sudden hike in Electronic Waste Recycling market by the forecast period.

Intended Audience:
- Technology investors
- Consumer wearable manufacturers
- Healthcare-related product manufacturers
- Integrated device manufacturers (IDMs)
- Wearable electronics technology platform developers
- Original manufacturers (OEMs)
- Smart grid integrators
- Surface mount component device distributors and providers
- Research/Consultancy firms

Contents:

<table>
<thead>
<tr>
<th>Table of Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 MARKET INTRODUCTION</td>
</tr>
<tr>
<td>1.1 INTRODUCTION</td>
</tr>
<tr>
<td>1.2 SCOPE OF STUDY</td>
</tr>
<tr>
<td>1.2.1 RESEARCH OBJECTIVE</td>
</tr>
<tr>
<td>1.2.2 ASSUMPTIONS</td>
</tr>
<tr>
<td>1.2.3 LIMITATIONS</td>
</tr>
<tr>
<td>1.3 MARKET STRUCTURE</td>
</tr>
<tr>
<td>2 RESEARCH METHODOLOGY</td>
</tr>
<tr>
<td>2.1 RESEARCH NETWORK SOLUTION</td>
</tr>
<tr>
<td>2.2 PRIMARY RESEARCH</td>
</tr>
<tr>
<td>2.3 SECONDARY RESEARCH</td>
</tr>
<tr>
<td>2.4 FORECAST MODEL</td>
</tr>
<tr>
<td>2.4.1 MARKET DATA COLLECTION, ANALYSIS &amp; FORECAST</td>
</tr>
<tr>
<td>2.4.2 MARKET SIZE ESTIMATION</td>
</tr>
<tr>
<td>3 MARKET DYNAMICS</td>
</tr>
<tr>
<td>3.1 INTRODUCTION</td>
</tr>
<tr>
<td>3.2 MARKET DRIVERS</td>
</tr>
<tr>
<td>3.3 MARKET CHALLENGES</td>
</tr>
<tr>
<td>3.4 MARKET OPPORTUNITIES</td>
</tr>
<tr>
<td>3.5 MARKET RESTRAINTS</td>
</tr>
<tr>
<td>4 EXECUTIVE SUMMARY</td>
</tr>
<tr>
<td>5. MARKET FACTOR ANALYSIS</td>
</tr>
<tr>
<td>5.1 PORTER’S FIVE FORCES ANALYSIS</td>
</tr>
<tr>
<td>5.2 SUPPLY CHAIN ANALYSIS</td>
</tr>
<tr>
<td>6 ELECTRONIC WASTE RECYCLING MARKET, BY SEGMENTS</td>
</tr>
<tr>
<td>6.1 INTRODUCTION</td>
</tr>
<tr>
<td>6.2 MARKET STATISTICS</td>
</tr>
<tr>
<td>6.2.1 BY COMPONENTS OF PROCESSED MATERIAL</td>
</tr>
<tr>
<td>6.2.1.1 PLASTIC</td>
</tr>
<tr>
<td>6.2.1.2 METAL</td>
</tr>
</tbody>
</table>
6.2.1.3 GLASS
6.2.1.4 OTHERS
6.2.2 BY SOURCE OF EQUIPMENT
6.2.2.1 CONSUMER ELECTRONICS
6.2.2.2 IT & TELECOMMUNICATION
6.2.2.3 HOUSEHOLD APPLIANCES
6.2.2.4 OTHERS
6.2.3 BY GEOGRAPHY
6.2.3.1 NORTH AMERICA
6.2.3.2 EUROPE
6.2.3.3 ASIA-PACIFIC
6.2.3.4 REST OF THE WORLD

7 COMPETITIVE ANALYSIS
7.1 MARKET SHARE ANALYSIS
7.2 COMPANY PROFILES
7.2.1 POLYMERS, INC. (CALIFORNIA)
7.2.2 ELECTRONIC RECYCLERS INTERNATIONAL, INC. (U.S.)
7.2.3 SIMS METAL MANAGEMENT LTD. (AUSTRALIA)
7.2.4 AURUBIS AG (GERMANY)
7.2.5 BOLIDEN AB (SWEDEN)
7.2.6 STENA TECHNOWORLD AB (SWEDEN)
7.2.7 TETRONICS (INTERNATIONAL) LTD. (U.K.)
7.2.8 ENVIRO-HUB HOLDINGS LTD. (SINGAPORE)
7.2.9 GLOBAL ELECTRIC ELECTRONIC PROCESSING INC. (CANADA)
7.2.10 OTHERS

LIST OF TABLES
TABLE 1 ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL
TABLE 2 ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT
TABLE 3 ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY REGIONS
TABLE 4 NORTH AMERICA LTE MARKET, BY COMPONENTS OF PROCESSED MATERIAL
TABLE 5 NORTH AMERICA ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT
TABLE 6 U.S. ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL
TABLE 7 U.S. ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT
TABLE 8 CANADA ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL
TABLE 9 CANADA ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT
TABLE 10 EUROPE ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL
TABLE 11 EUROPE ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT
TABLE 12 GERMANY ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL
TABLE 13 GERMANY ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT
TABLE 14 FRANCE ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL
TABLE 15 FRANCE ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT

TABLE 16 U.K. ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL

TABLE 17 U.K. ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT

TABLE 18 REST OF EUROPE ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL

TABLE 19 REST OF EUROPE CHIP ON FLEX MARKET, BY SOURCE OF EQUIPMENT

TABLE 20 ASIA-PACIFIC ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL

TABLE 21 ASIA-PACIFIC ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT

TABLE 22 MIDDLE EAST & AFRICA ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL

TABLE 23 MIDDLE EAST & AFRICA ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT

LIST OF FIGURES

FIGURE 1 RESEARCH NETWORK SOLUTION

FIGURE 2 ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET: BY COMPONENTS OF PROCESSED MATERIAL (%)

FIGURE 3 ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET: BY SOURCE OF EQUIPMENT (%)

FIGURE 4 ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET: BY REGION

FIGURE 5 NORTH AMERICA ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL (%)

FIGURE 6 NORTH AMERICA ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT (%)

FIGURE 7 EUROPE ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL (%)

FIGURE 8 EUROPE ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT (%)

FIGURE 9 ASIA-PACIFIC ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL (%)

FIGURE 10 ASIA-PACIFIC ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT (%)

FIGURE 11 ROW ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY COMPONENTS OF PROCESSED MATERIAL (%)

FIGURE 12 ROW ELECTRONIC WASTE RECYCLING OF PROCESSED MATERIALS MARKET, BY SOURCE OF EQUIPMENT (%)