China End-of-Life Vehicle (ELV) and Dismantling Industry Report, 2018-2022

December 2018
STUDY GOAL AND OBJECTIVES
This report provides the industry executives with strategically significant
competitor information, analysis, insight and projection on the
competitive pattern and key companies in the industry, crucial to the
development and implementation of effective business, marketing and
R&D programs.

REPORT OBJECTIVES
◆ To establish a comprehensive, factual, annually updated and cost-
effective information base on market size, competition patterns,
market segments, goals and strategies of the leading players in the
market, reviews and forecasts.
◆ To assist potential market entrants in evaluating prospective
acquisition and joint venture candidates.
◆ To complement the organizations’ internal competitor information
gathering efforts with strategic analysis, data interpretation and
insight.
◆ To suggest for concerned investors in line with the current
development of this industry as well as the development tendency.
◆ To help company to succeed in a competitive market, and

METHODOLOGY
Both primary and secondary research methodologies were used
in preparing this study. Initially, a comprehensive and exhaustive
search of the literature on this industry was conducted. These
sources included related books and journals, trade literature,
marketing literature, other product/promotional literature, annual
reports, security analyst reports, and other publications.
Subsequently, telephone interviews or email correspondence
was conducted with marketing executives etc. Other sources
included related magazines, academics, and consulting
companies.

INFORMATION SOURCES
The primary information sources include Company Reports,
and National Bureau of Statistics of China etc.
Abstract

Automobile ownership has been climbing steadily in China over the recent years, at a CAGR of 15.2% between 2010 and 2017, and it will continue to rise in the upcoming five years, up to estimated 313.1 million units in 2022, despite a decline in both production and sales in 2018.

As automobile ownership increases in China, more vehicles are due to be scrapped. As estimated, there were a total of 7.3 million end-of-life vehicles (ELV) in China in 2017, with a scrap rate of 4%, but a mere 30% of them were recycled. In the first eleven months of 2018, 1.469 million ELVs were recycled in China, 15.1% more than in the same period of 2017, with the full-year recycling rate expectedly ranging at 20.0%.

Among 650 to 700 Chinese car dismantling firms for the moment, most are small sized with low annual recycling rate of ELV and scattered resources, though their dismantling networks already take shape. As yet, big players are Shenzhen GEM Hi-Tech, Jiangsu Huahong Technology, Miracle Automation, Henan Yuguang Gold & Lead, Tus-Sound Environmental Resources and Beijing Capital.

Despite China boasts a huge number of ELVs, its scrap rate remains far lower than the level of 6% to 8% in the developed countries, and a mere 0.5%-1% vehicles out of automobile ownership are recycled compared with a staggering 5%-7% in developed nations. That's largely because ELV subsidies are directly given to vehicle owners but in small amount, and professional dismantling firms buy their cars at a low price due to weak profitability, which leads to an influx of scrapped cars to the black market which offers a higher price.

The forthcoming new version of the Measures on Management of ELV Recycling, a policy allowing recycling and remanufacturing of “five automotive assemblies” (engine assembly, steering assembly, transmission assembly, front and rear axles, and frame), will promote market growth. With the subsequent issuance of related rules, the ELV and dismantling industry is hopefully to boom, with output value hitting RMB43.43 billion and recycling rate at 24.5% in 2022.
## Main ELV and Dismantling Firms in China

<table>
<thead>
<tr>
<th>Firm/Region</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shenzhen GEM High-Tech</td>
<td>The company has constructed scrapped car processing bases in Jiangxi province and cities including Tianjin, Wuhan and Xiantao, forming a whole ELV resource industry chain of “recycling—dismantling—rough sorting—fine sorting—components remanufacturing”. It also builds large waste resource trading markets in Jingmen City and Xiantao City of Hubei Province, securing raw materials supply for ELV business. In the first half of 2018, the company recorded RMB746.5 million in revenue from waste electrical and electronic equipment (WEEE) and ELV dismantling business.</td>
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<tr>
<td>Jiangsu Huahong Technology</td>
<td>The company has been a supplier of complete equipment for processing scrapped cars. In 2017, its car dismantling revenue reached RMB168.93 million. On August 9, 2018, the company acquired Beijing Zhongwubo Automobile Disassembling Co., Ltd. for RMB30 million in a bid to develop its ELV recycling and dismantling business.</td>
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<td>Miracle Automation</td>
<td>The company’s Recycling Division concentrates on the recycling and dismantling of ELV, the recycling of components, the utilization of crushed and sorted resources, the R&amp;D and application of car dismantling equipment and technologies, and the online trade of remanufactured car components. Miracle Automation is sparing no efforts in construction of ELV recycling and dismantling bases and deployment of ELV recycling business. In the first half of 2018, the company put into use its ELV fine dismantling, automatic equipment (for efficient sorting) production project, the Recycling Division contributed the revenue of RMB877.5 million.</td>
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<tr>
<td>Henan Yuguang Gold &amp; Lead</td>
<td>The company specializes in used battery recycling for scrapped car business, with a processing capacity of 540kwt waste batteries a year. In 2017, its waste lead-acid battery recycling operation radiated out across Shaanxi, Shandong and Jiangsu from the existing areas like Henan, Sichuan, Zhejiang and Shanghai, adding 50 new partners and purchasing 178kwt waste lead-acid battery metals and 35kt copper scraps.</td>
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<td>Tus-Sound Environmental Resources</td>
<td>The company’s scrapped car related subsidiaries include Hubei Sound Environmental Protection Co., Ltd, Xianning Xingyuan Renewable Resources Utilization Co., Ltd and Hunan Sound Renewable Resources Co., Ltd. Its ELV business, a part of its renewable resources recycling and utilization operation, brought in revenue of RMB1.014 billion in the first half of 2018.</td>
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<tr>
<td>Beijing Capital</td>
<td>The company’s ELV dismantling center project covering an area of 33,600 m² and with total investment of roughly RMB92 million, was accepted by the authorities such as the Ministry of Commerce of the People’s Republic of China in 2010, and went into operation in November 2010, being capable of dismantling over 50,000 units annually. In 2017, Beijing Capital earned RMB222.8 million from WEEE and ELV recycling and dismantling business.</td>
</tr>
</tbody>
</table>

Source: ResearchInChina
1. Overview of ELV & Dismantling Industry
   1.1 Definition
   1.2 Industry Chain
   1.3 Auto Dismantling Process
   1.4 Industry Barrier

2. Global ELV & Dismantling Industry
   2.1 Overview
   2.2 Development in Major Countries
      2.2.1 USA
      2.2.2 EU
      2.2.3 Japan
   2.3 Typical Player -- LKQ

3. China Renewable Resource Industry
   3.1 Related Policies
   3.2 Status Quo
   3.3 Import & Export
      3.3.1 Import
      3.3.2 Export
   3.4 Industry Segments
      3.4.1 Iron and Steel Scraps
      3.4.2 Nonferrous Metal Scraps
      3.4.3 Waste Plastics
      3.4.4 Waste Paper
      3.4.5 Waste Electrical and Electronic Products
      3.4.6 End-of-Life Motor Vehicles

4. Development Status of China ELV & Dismantling Industry
   4.1 Policy Environment
   4.2 Downstream Industries
      4.2.1 Output and Sales Volume of Automobile
      4.2.2 Automobile Ownership
   4.3 Development History
   4.4 Industry Scale
   4.5 Competitive Landscape
   4.6 Summary and Forecast

5. Key Players
   5.1 Shenzhen GEM High-Tech Co., Ltd.
<table>
<thead>
<tr>
<th>Section</th>
<th>Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1.1 Profile</td>
<td>5.5 Yechiu Metal Recycling (China) Ltd.</td>
</tr>
<tr>
<td>5.1.2 Operation</td>
<td>5.5.1 Profile</td>
</tr>
<tr>
<td>5.1.3 Revenue Structure</td>
<td>5.5.2 Operation</td>
</tr>
<tr>
<td>5.1.4 Gross Margin</td>
<td>5.5.3 Revenue Structure</td>
</tr>
<tr>
<td>5.1.5 ELV &amp; Dismantling Business</td>
<td>5.5.4 Gross Margin</td>
</tr>
<tr>
<td>5.1.6 Development Strategy</td>
<td>5.5.5 ELV &amp; Dismantling Business</td>
</tr>
<tr>
<td>5.2 Jiangsu Huahong Technology Co., Ltd.</td>
<td>5.5.6 Development Strategy</td>
</tr>
<tr>
<td>5.2.1 Profile</td>
<td>5.6 Tus-Sound Environmental Resources Co., Ltd.</td>
</tr>
<tr>
<td>5.2.2 Operation</td>
<td>5.6.1 Profile</td>
</tr>
<tr>
<td>5.2.3 Revenue Structure</td>
<td>5.6.2 Operation</td>
</tr>
<tr>
<td>5.2.4 Gross Margin</td>
<td>5.6.3 Revenue Structure</td>
</tr>
<tr>
<td>5.2.5 ELV &amp; Dismantling Business</td>
<td>5.6.4 Gross Margin</td>
</tr>
<tr>
<td>5.2.6 Development Strategy</td>
<td>5.6.5 ELV &amp; Dismantling Business</td>
</tr>
<tr>
<td>5.3 Miracle Automation Engineering Co., Ltd.</td>
<td>5.6.6 Development Strategy</td>
</tr>
<tr>
<td>5.3.1 Profile</td>
<td>5.7 Beijing Capital Co., Ltd.</td>
</tr>
<tr>
<td>5.3.2 Operation</td>
<td>5.7.1 Profile</td>
</tr>
<tr>
<td>5.3.3 Revenue Structure</td>
<td>5.7.2 Operation</td>
</tr>
<tr>
<td>5.3.4 Gross Margin</td>
<td>5.7.3 Revenue Structure</td>
</tr>
<tr>
<td>5.3.5 ELV &amp; Dismantling Business</td>
<td>5.7.4 Gross Margin</td>
</tr>
<tr>
<td>5.3.6 Development Strategy</td>
<td>5.7.5 ELV &amp; Dismantling Business</td>
</tr>
<tr>
<td>5.4 Henan Yuguang Gold &amp; Lead Co., Ltd.</td>
<td>5.8 Others</td>
</tr>
<tr>
<td>5.4.1 Profile</td>
<td>5.8.1 Shanghai KIMKEY Environmental S&amp;T Co., Ltd.</td>
</tr>
<tr>
<td>5.4.2 Operation</td>
<td>5.8.2 Shanghai Xinzhuang Auto Dismantling Co., Ltd.</td>
</tr>
<tr>
<td>5.4.3 Revenue Structure</td>
<td>5.8.3 Baosteel Resources Limited</td>
</tr>
<tr>
<td>5.4.4 Gross Margin</td>
<td>5.8.4 Anhui Win-win Renewable Resources Group</td>
</tr>
<tr>
<td>5.4.5 ELV &amp; Dismantling Business</td>
<td>5.8.5 Chongqing Auto Scrap (Group) Co., Ltd.</td>
</tr>
<tr>
<td>5.4.6 Development Strategy</td>
<td>5.8.6 Shenzhen End-of-Life Vehicle Recycling Co., Ltd.</td>
</tr>
<tr>
<td></td>
<td>5.8.7 Shenyang Qiushi End-of-Life Vehicle Recycling Co., Ltd.</td>
</tr>
</tbody>
</table>
• ELV & Dismantling Industry Chain
• Auto Dismantling Process Flowchart
• Average Annual Processing Capacity of Dismantling Enterprises in Major Countries
• Average Annual Processing Capacity of Crushing Enterprises in Major Countries
• Subsidies on Motor Vehicle Liquidation in Major Countries
• Policies on Vehicle Dismantling in Major Countries
• Development Course of USA Automobile Industry
• Five Categories of Parts in Automobile Recycling Market in USA
• Laws and Regulations on U.S. ELV & Dismantling Industry
• Dismantling Industry Overview of U.S. ELV
• Laws and Regulations on ELV Processing in EU and Major Countries
• Number of ELVs in EU and Major Countries, 2013
• Number of Auto Dismantling and Crushing Enterprises in Japan, 2010-2013
• Development Course of LKQ
• M&A Cases of LKQ
• Revenue, Net Income and Growth of LKQ, 2007-2017
• Revenue Structure of LKQ by Product, 2017
• ELV Recovery Channels of LKQ
• Related Policies on Recycling of Renewable Resources in China, 2010-2018
• Recycling Quantity of Renewable Resources in China by Category, 2016-2017
• Recycling Value of Renewable Resources in China, 2016-2017
• Recycling Value Structure of Renewable Resources in China by Category, 2014-2017
• Import of Major Renewable Resources in China, 2016-2017
• Import Quantity Trend of Major Renewable Resources in China, 2013-2017
• Export of Major Renewable Resources in China, 2016-2017
Selected Charts

- Recycling Amount of Iron and Steel Scraps in China, 2013-2017
- Recycling Amount of Nonferrous Metal Scrap in China, 2013-2017
- Recycling Amount of Waste Electrical and Electronic Products in China, 2013-2017
- Recycling Amount of Scrap Tire in China, 2013-2017
- Recycling Amount of Waste Battery (Except Lead-acid Battery) in China, 2013-2017
- Policies and Regulations on ELV & Dismantling Industry in China, 2001-2018
- Output and Sales Volume of Automobile in China, 2011-2018
- Output and Sales Volume of NEV in China, 2011-2018
- Automobile Ownership Structure (by Category in China, 2017
- Automobile Ownership in China, 2010-2017
- Automobile Ownership in China by Region, 2017
- Automobile Ownership Structure by Type in China, 2017
- Automobile Ownership Structure by Fuel Type in China, 2017
- Automobile Ownership Structure by Emission Standard in China, 2017
- Development History of ELV & Dismantling Industry in China
- Service Life of Main Vehicles in China
- Implementation Schedule of China New Motor Vehicle Emission Standards, 1999-2020
- Scrapping Quantity of ELV in China, 2007-2017
- China’s Car Scrap Rate, 2007-2017
- Car Recycling Market Comparison: China vs. USA, 2017
- Recycling Number and Growth of ELV in China, 2011-2018
• Recycling Number of ELV by Category in China, 2015-2018
• Recycling Rate of ELV in China, 2011-2017
• Unit Recycling Price of ELV in China, 2011-2018
• China Automobile Recycling Value, 2011-2018
• Related ELV& Dismantling Companies in China
• Revenue Comparison of Major ELV& Dismantling Companies, 2013-2018
• Net Income Comparison of Major ELV& Dismantling Companies, 2013-2018
• Comparison of Subsidies on ELV in China and USA
• Unit Recycling Price of ELV in China, 2011-2018
• Material Structure of Scrapped Sedan
• Waste Materials Price of Scrapped Sedan in China, May 14, 2018
• Single Car Dismantling Economic Calculation before Five Assemblies Remanufacturing was Allowed
• Single Car Dismantling Economic Calculation after Five Assemblies Remanufacturing was Allowed
• Output Value of Automobile Recycling Industry in China, 2017-2022E
• Automobile Ownership in China, 2017-2022E
• Scrapping Quantity of ELV in China, 2017-2022E
• China’s Car Scrap Rate, 2017-2022E
• Recycling Number of ELV in China, 2017-2022E
• Recycling Rate of ELV in China, 2017-2022E
• Revenue and Net Income of GEM, 2009-2018
• Revenue Breakdown of GEM by Product, 2016-2018
• Revenue Structure of GEM by Product, 2016-2018
• Gross Margin of GEM, 2012-2018
• Revenue from Waste Electronics and ELV& Dismantling Business of GEM, 2016-2018
• Revenue and Net Income of Huahong Technology, 2009-2018
• Revenue Breakdown of Huahong Technology by Business, 2014-2018
• Revenue Structure of Huahong Technology by Business, 2014-2018
• Gross Margin of Huahong Technology by Business, 2014-2018
• Major Clients of Miracle Automation
• Revenue and Net Income of Miracle Automation, 2009-2018
• Revenue Breakdown of Miracle Automation by Product, 2014-2018
• Revenue Structure of Miracle Automation by Product, 2014-2018
• Gross Margin of Miracle Automation by Product, 2014-2018
• Revenue from Circulation Segment of Miracle Automation, 2014-2018
• Revenue and Net Income of Henan Yuguang Gold and Lead, 2009-2018
• Revenue Breakdown of Henan Yuguang Gold and Lead by Product, 2014-2017
• Revenue Structure of Henan Yuguang Gold and Lead by Product, 2014-2017
• Gross Margin of Henan Yuguang Gold and Lead by Product, 2014-2017
• Revenue and Net Income of Ye Chiu Metal Recycling (China) Ltd., 2009-2018
• Revenue Breakdown of Ye Chiu Metal Recycling (China) Ltd. by Product, 2014-2017
• Revenue Structure of Ye Chiu Metal Recycling (China) Ltd. by Product, 2014-2017
• Gross Margin of Ye Chiu Metal Recycling (China) Ltd. by Product, 2014-2017
• Revenue and Net Income of Tus-Sound Environmental Resources, 2009-2018
• Revenue Breakdown of Tus-Sound Environmental Resources by Product, 2014-2018
• Revenue Structure of Tus-Sound Environmental Resources by Product, 2014-2018
• Gross Margin of Tus-Sound Environmental Resources by Product, 2014-2018
• Tus-Sound Environmental Resources’ Scrapped Car Related Subsidiaries and Its Equity Ratio in Them
• Tus-Sound Environmental Resources’ Revenue from Renewable Resource Recycling Business and % of Total Revenue, 2015-2018
• Revenue and Net Income of Beijing Capital, 2009-2018
• Revenue Breakdown of Beijing Capital by Product, 2014-2017
• Revenue Structure of Beijing Capital by Product, 2014-2017
• Revenue Breakdown of Beijing Capital by Region, 2014-2017
• Revenue Structure of Beijing Capital by Region, 2014-2017
• Gross Margin of Beijing Capital by Product, 2014-2017
• Revenue, Proportion and Gross Margin of Waste Electronic Products and ELV & Dismantling of Beijing Capital, 2016-2017
• Equity Structure of Shanghai Xinzhuang Auto Dismantling Co., Ltd.
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