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.

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
Abstract

China has become the world's largest producer and consumer of plastic pipes. In 2013, China’s plastic pipe output and demand reached 12.1 million tons and 11.117 million tons respectively, representing the respective year-on-year increase of 10.0% and 7.1%. The output of PVC pipes is higher than that of other plastic pipe varieties in China, followed by the output of PE pipes and PP pipes. In 2013, China’s PVC pipe output hit 6.59 million tons, accounting for 54.5% of China’s total plastic pipe output, while the output of PE pipes and PP pipes shared 40.5% together.

Municipal water supply and drainage, building water supply and drainage and other fields act as the downstream of China plastic pipe industry. In 2013, the downstream demand accounted for 69.8% of China's total demand for plastic pipes together. Propelled by the construction of Chinese municipal underground pipe network and drinking water facilities, the share of the downstream demand is expected to rise to 75.4% in 2017.

Currently, numerous Chinese plastic pipe enterprises are small-sized. 300 companies achieve the annual capacity of more than 10,000 tons each, while only about 15 enterprises have the annual capacity of 200,000 tons or more. To improve competitiveness and market share, China Lesso, Yonggao, Weixing New Building Materials, Cangzhou Mingzhu, Newchoice Pipe Technology, Goody Science & Technology and Shandong Huaxin Plastic Pipe have expanded capacity in a successive way.
China Lesso is China's largest manufacturer of plastic pipes. By the end of 2013, the company had set up 18 production bases in Guangdong, Guizhou, Sichuan, Hubei and other places, with the annual capacity of 1.8 million tons. In 2014, the company established new production bases in Hainan, Yunnan and Shandong. The additional plastic pipe capacity of 50,000 tons is expected to be realized at the end of 2014.

Yonggao is one of major producers of plastic pipes in China. As of the end of 2013, the company had been able to produce 231,000 tons of plastic pipes each year. The company is building an 80,000 tons/a plastic pipe project in Huangyan and a 50,000 tons/a plastic pipe project in Tianjin, both of which are expected to go into operation at the end of 2014. In 2011-2013, the company acquired Anhui Guangde Jinpeng Science and Technology Development Co., Ltd., Guangde Jiahe New Materials Co., Ltd and other companies to constantly improve its industrial chain layout.

Newchoice Pipe Technology is one of key HDPE reinforced winding pipe and related fitting enterprises in China, with the main products DN600-DN1400 series. In June 2013, the company began a 4,800 tons/a HDPE reinforced winding pipe project in Jiangsu, which is expected to go into production before the end of 2014. Besides, the company will start building a 4,800 tons/a HDPE reinforced winding pipe project in Sichuan in the second half of 2014. Once these two projects are put into production, the company's annual capacity of HDPE reinforced winding pipes will hit 35,100 tons.

The report focuses on the followings:
- Supply & demand, import & export, product mix, regional structure, competitive landscape, price, etc of China plastic pipe industry;
- Supply & demand, import & export, competition pattern and development trends of Chinese plastic pipe market segments (PVC pipe, PE pipe and PP pipe);
- Development, demand for downstream plastic pipes and development trends of China plastic pipe downstream industries (municipal drains, water supply pipes and gas pipes, etc.);
- Operation, plastic pipe business (capacity, output, sales volume, projects under construction, etc.) and development prospects of 12 Chinese plastic pipe manufacturers;
1. Overview of Plastic Pipe Industry
   1.1 Definition
   1.2 Classification

2. Development of Chinese Plastic Pipe Market
   2.1 Global Market
   2.2 China’s Market Supply and Demand
   2.2.1 Supply
   2.2.2 Demand
   2.3 China’s Import and Export
   2.3.1 Import
   2.3.2 Export
   2.4 Product Structure
2.5 Regional Structure
2.6 Competition Pattern
2.7 Price

   3.1 PVC Pipe
   3.1.1 Supply and Demand
   3.1.2 Import
   3.1.3 Export
   3.1.4 Development Trend
   3.2 PE Pipe
   3.2.1 Supply and Demand

4. Development of China Plastic Pipe Downstream Industry
   4.1 Municipal Water Supply Pipe
   4.1.1 Status Quo
   4.1.2 Development Trend
   4.2 Municipal Drainage Pipe
   4.3 Municipal Gas Pipe
   4.4 Others

5. Major Chinese Plastic Pipe Enterprises
   5.1 China Lesso (2128.HK)
   5.1.1 Profile
   5.1.2 Operation
   5.1.3 Revenue Structure
   5.1.4 Plastic Pipe Business
   5.1.5 Prospect
   5.2 Yonggao (002641)
   5.2.1 Profile
   5.2.2 Operation
   5.2.3 Revenue Structure
   5.2.4 Gross Margin
   5.2.5 Clients and Suppliers
   5.2.6 R & D and Projects under Construction
   5.2.7 Prospect
   5.3 Zhejiang Weixing New Building Materials (002372)
   5.3.1 Profile
   5.3.2 Operation
   5.3.3 Revenue Structure
   5.3.4 Gross Margin
   5.3.5 R & D and Projects under Construction
   5.3.6 Prospect
   5.4 Cangzhou Mingzhu Plastic (002108)
   5.4.1 Profile
   5.4.2 Operation
   5.4.3 Revenue Structure
   5.4.4 Gross Margin
   5.4.5 Clients and Suppliers
   5.4.6 R & D and Projects under Construction
   5.4.7 Plastic Pipe Business
   5.4.8 Prospect
   5.5 Goody Science & Technology (002694)
   5.5.1 Profile
   5.5.2 Operation
   5.5.3 Revenue Structure
 Classification and Application of Plastic Pipes (by Material)
 Global Plastic Pipe Demand (by Region), 2013
 Global Plastic Pipe Output and Per Capita Consumption (by Country/Year)
 China’s Plastic Pipe Capacity and YoY Growth, 2004-2014
 China’s Plastic Pipe Output and YoY Growth, 2004-2014
 China’s Plastic Pipe Demand Structure (by Application), 2011&2013&2017
 China’s Import Volume and Value of Plastic Pipes and Accessories, 2009-2014
 China’s Import Volume Structure of Plastic Pipes and Accessories, 2013
 China’s Export Volume and Value of Plastic Pipes and Accessories, 2009-2014
 Share of Top 10 Export Destinations of Chinese Plastic Pipes and Accessories by Export Volume, 2013
 China’s Plastic Pipe Output (by Type), 2013&2017E
 Proportion of Total Plastic Pipe Output of Top Three Regions in China, 2001-2013
 Capacity Proportion of Top 10 Plastic Pipe Companies in China, 2013-2014
 China’s Plastic Pipe Guiding Price (by Product), 2008-2014
 China’s PVC Pipe Output and YoY Growth, 2011-2017E
 China’s PVC Rigid Pipe Import Volume and YoY Growth, 2009-2014
 China’s PVC Rigid Pipe Import Value and YoY Growth, 2009-2014
 China’s PVC Rigid Pipe Export Volume and YoY Growth, 2009-2014
 China’s PVC Rigid Pipe Export Value and YoY Growth, 2009-2014
 China’s PE Pipe Output and YoY Growth, 2011-2017E
 Global HDPE Pipe Demand (by Region), 1990-2010
 China’s PE Rigid Pipe Import Volume and YoY Growth, 2009-2014
 China’s PE Rigid Pipe Import Value and YoY Growth, 2009-2014
 China’s PE Rigid Pipe Export Volume and YoY Growth, 2009-2014
 China’s PE Rigid Pipe Export Value and YoY Growth, 2009-2014
 Capacity of Major Chinese PE Pipe Enterprises, 2010-2014

Selected Charts

Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828 ● Fax: +86 10 82601570 ● www.researchinchina.com ● report@researchinchina.com
Selected Charts

- China's PP Pipe Output and YoY Growth, 2011-2017E
- China’s PP Rigid Pipe Import Volume and YoY Growth, 2009-2014
- China's PP Rigid Pipe Import Value and YoY Growth, 2009-2014
- China's PP Rigid Pipe Export Volume and YoY Growth, 2009-2014
- China's PP Rigid Pipe Export Value and YoY Growth, 2009-2014
- Capacity and Sources of Raw Materials of Major Chinese PP-R Pipe Enterprises, 2010 & 2013
- Application of Plastic Pipes
- China’s Urban Water Supply Pipe Length and YoY Growth, 2003-2013
- China’s Urban Hot Water Pipe Length and YoY Growth, 2003-2013
- China’s Urban Drainage Pipe Length and Density, 2006-2013
- China’s Demand for Municipal Drainage Plastic Pipes and YoY Growth, 2007-2017E
- China’s Urban Pipe Length (by Gas), 2005-2013
- China’s Demand for Municipal Gas Plastic Pipes and YoY Growth, 2007-2017E
- Revenue and Net Income of China Lesso, 2007-2013
- Revenue of China Lesso (by Product), 2009-2013
- Revenue Structure of China Lesso (by Region), 2009-2013
- Plastic Pipe Sales Volume and YoY Growth of China Lesso (by Product), 2009-2013
- Average Selling Price of Plastic Pipe of China Lesso (by Product), 2009-2013
- Plastic Pipe Revenue Breakdown and Percentage of China Lesso (by Application), 2010-2013
- Yonggao’s Capacity (by Region / Product), 2013
- Yonggao’s Revenue and Net Income, 2008-2014
- Yonggao’s Operating Revenue Structure (by Product), 2009-2013
- Yonggao’s Operating Revenue (by Region), 2009-2013
- Yonggao’s Gross Margin (by Product), 2008-2013
- Yonggao’s Procurement from Top 5 Suppliers and % of Total Procurement, 2008-2013
Selected Charts

- Yonggao's Revenue from Top 5 Clients and % of Total Revenue, 2008-2013
- R & D Costs and % of Total Revenue of Yonggao, 2008-2013
- Yonggao's Main Projects under Construction, 2014
- Operating Revenue Structure of Zhejiang Weixing New Building Materials (by Product), 2009-2013
- Operating Revenue Structure of Zhejiang Weixing New Building Materials (by Region), 2009-2013
- Gross Margin of Zhejiang Weixing New Building Materials (by Product), 2009-2013
- R & D Costs and % of Total Revenue of Zhejiang Weixing New Building Materials, 2008-2013
- Revenue and Net Income of Cangzhou Mingzhu Plastic, 2008-2014
- Operating Revenue of Cangzhou Mingzhu Plastic (by Product), 2009-2013
- Operating Revenue of Cangzhou Mingzhu Plastic (by Region), 2009-2013
- Gross Margin of Cangzhou Mingzhu Plastic (by Product), 2009-2013
- Procurement of Cangzhou Mingzhu Plastic from Top 5 Suppliers and % of Total Procurement, 2010-2013
- Top 5 Clients and Contribution of the Largest Client of Cangzhou Mingzhu Plastic, 2010-2013
- R & D Costs and % of Total Revenue of Cangzhou Mingzhu Plastic, 2009-2013
- Major Projects of Cangzhou Mingzhu Plastic, 2014
- PE Pipe Capacity of Cangzhou Mingzhu Plastic (by Base), 2010-2015E
- PE Pipe Output and Sales Volume of Cangzhou Mingzhu Plastic, 2005-2013
- Operating Revenue of Goody Science & Technology (by Product), 2009-2013
- Operating Revenue of Goody Science & Technology (by Region), 2009-2013
- Gross Margin of Goody Science & Technology (by Product), 2009-2013
- Procurement of Goody Science & Technology from Top 5 Suppliers and % of Total Procurement, 2009-2013
Selected Charts

- Goody Science & Technology’s Revenue from Top 5 Clients and % of Total Revenue, 2009-2013
- R & D Costs and % of Total Revenue of Goody Science & Technology, 2009-2013
- Capacity of Goody Science & Technology (by Product), 2013-2014
- Output of Goody Science & Technology (by Product), 2009-2013
- Sales Volume of Goody Science & Technology (by Product), 2009-2013
- Revenue and Net Income of Qinglong Pipe Industry, 2008-2014
- Operating Revenue of Qinglong Pipe Industry (by Product), 2009-2013
- Revenue of Qinglong Pipe Industry (by Region), 2009-2013
- Gross Margin of Qinglong Pipe Industry (by Product), 2009-2013
- Procurement of Qinglong Pipe Industry from Top 5 Suppliers and % of Total Procurement, 2007-2013
- Revenue of Qinglong Pipe Industry from Top 5 Clients and % of Total Revenue, 2007-2013
- R & D Costs and % of Total Revenue of Qinglong Pipe Industry, 2009-2013
- Major Projects under Construction of Qinglong Pipe Industry, 2014
- Plastic Pipe Revenue and YoY Growth of Qinglong Pipe Industry (by Product), 2007-2013
- Plastic Pipe Output, Sales Volume and Sales-output Ratio of Qinglong Pipe Industry, 2012-2013
- Revenue and Net Income of Xinjiang Guotong Pipeline, 2008-2014
- Operating Revenue of Xinjiang Guotong Pipeline (by Product), 2009-2013
- Operating Revenue Structure of Xinjiang Guotong Pipeline (by Region), 2013
- Gross Margin of Xinjiang Guotong Pipeline (by Product), 2009-2013
- Top 5 Suppliers and Contribution of the Largest Supplier of Xinjiang Guotong Pipeline, 2010-2013
- Top 5 Clients and Contribution of the Largest Client of Xinjiang Guotong Pipeline, 2010-2013
- R & D Costs and % of Total Revenue of Xinjiang Guotong Pipeline, 2008-2013
• Revenue and Net Income of Xinjiang Guotong Pipeline, 2013-2017E
• HDPE Reinforced Winding Pipe Capacity of Newchoice Pipe Technology (by Base), 2007-2014
• Revenue and Net Income of Newchoice Pipe Technology, 2008-2014
• Operating Revenue of Newchoice Pipe Technology (by Product), 2009-2013
• HDPE Pipe Revenue Breakdown and Percentage of Newchoice Pipe Technology (by Region), 2012-2013
• Gross Margin of Newchoice Pipe Technology (by Product), 2009-2013
• HDPE Reinforced Winding Pipe Capacity and YoY Growth of Newchoice Pipe Technology, 2007-2015E
• Plastic Pipe Output and Sales Volume of Newchoice Pipe Technology, 2007-2013
• R & D Costs and % of Total Revenue of Newchoice Pipe Technology, 2008-2013
• Main Projects under Construction of Newchoice Pipe Technology, 2014
• Procurement of Newchoice Pipe Technology from Top 5 Suppliers and % of Total Procurement, 2007-2013
• Revenue of Newchoice Pipe Technology from Top 5 Clients and % of Total Revenue, 2007-2013
• Revenue and Net Income of Newchoice Pipe Technology, 2007-2013
• Revenue and YoY Growth of Anhui Guotong Hi-Tech Pipes Industry, 2009-2014
• Operating Revenue of Anhui Guotong Hi-Tech Pipes Industry (by Product), 2009-2013
• Operating Revenue of Anhui Guotong Hi-Tech Pipes Industry (by Region), 2009-2013
• Gross Margin of Anhui Guotong Hi-Tech Pipes Industry (by Product), 2009-2013
• Revenue and Net Income of Sinopipe Holdings Limited, 2011-2014
• Revenue Breakdown and Percentage of Sinopipe Holdings Limited (by Application), 2012-2014
• Capacity of Shandong Huaxin Plastic Pipe (by Application), 2013-2014
• Revenue and CAGR of Major Chinese Plastic Pipe Enterprises, 2009-2014
• Capacity of Top 30 Plastic Pipe Enterprises in China, 2010-2014
• China’s Plastic Pipe Capacity and Output, 2013-2017E
• China’s Plastic Pipe Development Trend (by Application)
You can place your order in the following alternative ways:

1. Order online at [www.researchinchina.com](http://www.researchinchina.com)
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: report@researchinchina.com
4. Phone us at +86 10 82600828 / 82601561

<table>
<thead>
<tr>
<th>Party A:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Tel</td>
</tr>
<tr>
<td>E-mail:</td>
<td>Fax</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Party B:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td>Beijing Waterwood Technologies Co., Ltd (ResearchInChina)</td>
</tr>
<tr>
<td>Address:</td>
<td>Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Liao Yan</td>
</tr>
<tr>
<td>E-mail:</td>
<td><a href="mailto:report@researchinchina.com">report@researchinchina.com</a></td>
</tr>
<tr>
<td>Bank details:</td>
<td></td>
</tr>
<tr>
<td>Beneficial Name:</td>
<td>Beijing Waterwood Technologies Co., Ltd</td>
</tr>
<tr>
<td>Bank Name:</td>
<td>Bank of Communications, Beijing Branch</td>
</tr>
<tr>
<td>Bank Address:</td>
<td>NO.1 jinxiyuan shijicheng,Landianchang,Haidian District,Beijing</td>
</tr>
<tr>
<td>Bank Account No #:</td>
<td>110060668012015061217</td>
</tr>
<tr>
<td>Routing No #:</td>
<td>332906</td>
</tr>
<tr>
<td>Bank SWIFT Code:</td>
<td>COMMCHNSBJG</td>
</tr>
</tbody>
</table>

Choose type of format

- **PDF (Single user license)** ............2,200 USD
- **Hard copy** ..........................2,350 USD
- **PDF (Enterprisewide license)** ........3,300 USD

※ Reports will be dispatched immediately once full payment has been received.

Payment may be made by wire transfer or credit card via PayPal.

<table>
<thead>
<tr>
<th>Title</th>
<th>Format</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

**Our Major Activities**

- **Multi-users market reports**
- **Database-RICDB**
- **Custom Research**
- **Company Search**

**RICDB** ([http://www.researchinchina.com/data/database.html](http://www.researchinchina.com/data/database.html)), is a visible financial data base presented by map and graph covering global and China macroeconomic data, industry data, and company data. It has included nearly 500,000 indices (based on time series), and is continuing to update and increase. The most significant feature of this base is that the vast majority of indices (about 400,000) can be displayed in map.

After purchase of our report, you will be automatically granted to enjoy 2 weeks trial service of RICDB for free.

After trial, you can decide to become our formal member or not. We will try our best to meet your demand. For more information, please find at www.researchinchina.com

For any problems, please contact our service team at:

Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828  ●  Fax: +86 10 82601570  ●  www.researchinchina.com  ●  report@researchinchina.com