

# Jiangsu New Reba Technology Inc Introduction



# Introduction

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Jiangsu New Reba Technology Inc. was founded in 2008 which focuses on R&D, manufacture and business development on textile dyes and Chemicals. Reba has won the Golden Bull Award of China's New OTC Market and also has been included in the list of the top 100 enterprises with the most innovative value. Reba has also been rated as one of the most potential companies regarding technological innovations in the textile and chemical industry. Reba is now applying for IPO.

- We have established close business relationships with leading textile chemicals companies such as Huntsman, DuPont, Pulcra, BASF and Archroma.
- We have established a joint R&D laboratory with Pulcra to develop the latest functional textile chemicals, and a joint laboratory with Tsinghua University to conduct biological enzyme research.
- We provide a full range of printing and dyeing auxiliaries and produce functional product R&D and production beyond our customers' demands.

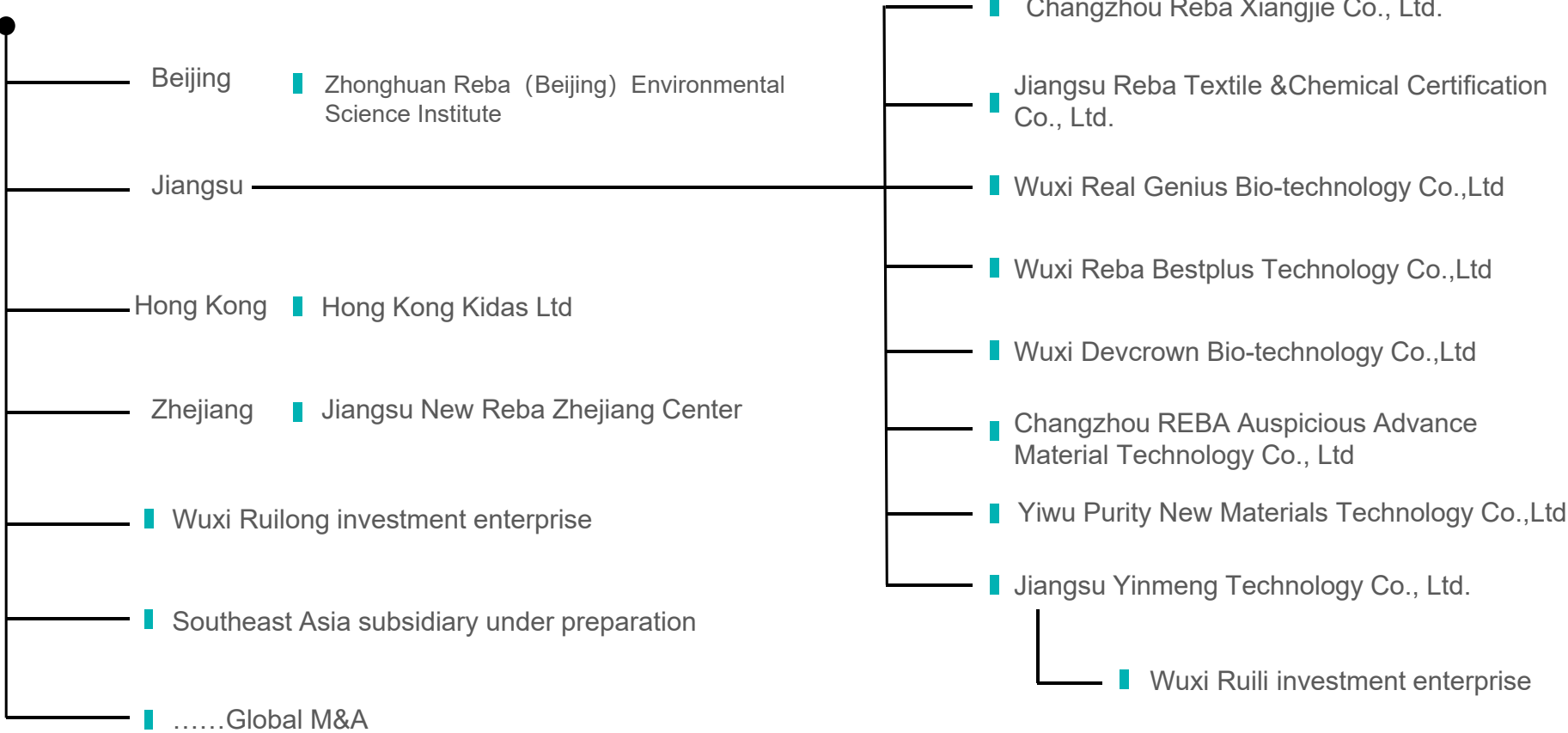
We recruit industry elites, focus on protecting the environment, pollution-free, energy-saving and emission-reducing products, R&D and promoting the development of a low-carbon economy.



# Structures

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Jiangsu New Reba Technology Inc.



## Manufacture and Branches

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 Production Site

 Marketing Center

## International Partners

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Reba performs independent R&D. We also collaborate with internationally renowned brands to provide dyes and auxiliaries while adhering to the principle of perfect solutions management for our business partners. Our goal is to be the leading global brand for our products and expand our sales on a global level.



## Proposition

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- Our products are found throughout the entire industry chain, as well as in derived and related ancillary industries, and play an important role here. We strive to provide solutions, from the formation of fiber and yarn, pretreatment ,dyeing, printing and finishing to end production, including the disposal of generated waste water, waste gas and general waste.
- “Sustainable fabric processing technology” and “high value-added featured functional finishing” are our unique advantages.
- Independent R&D and internationally renowned brands; dual-track parallel operation mode – innovation and brand go hand-in-hand.

### >> The range of independent R&D products

#### **NATFOCE®**

Full range of biological enzyme products, eco-friendly solutions, green textile development trend

#### **URATOS®**

Energy-saving environmental protection , innovative and efficient pretreatment system

#### **COLOFOCE®**

Provides higher quality, more efficient and more distinctive dyeing solutions

#### **PRITOS®**

Fully meet the demands of the customer production process with smoother, higher quality and more stable printing systems

#### **FINFOCE®**

Give textiles ecological, health- and comfort-boosting functions and greatly increase the added value



## Milestone

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■ 2015: Reba enters the New Third Board Market.

■ 2016: Reba wins the Golden Bull Award by China Securities, is ranked in the “Top 100 Most Innovative Companies” list, standing out from over 5,100 enterprises listed on the New OTC Market.

■ Reba applied IPO for Main Board and approved by China Securities in the second half of 2017.

This list is the result of the China Securities Journal’s selection of small and medium-sized innovative enterprises with high growth potential. These companies have been listed on the New Third Board Market since December 31, 2015 and belong to sunrise industries based on their independent R&D ability and technological innovation ability. It is a strong recognition of the innovation ability and core competitiveness of Reba.



## Office Images

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# Manufacture

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- We have a production site constructed in line with the highest standards. The plant covers an area of 35,000 m<sup>2</sup>, and it was designed and constructed with a complete production line layout in accordance with the technical standards of the top global chemical companies. With this site, we have achieved the transformation and production of scientific research projects to UN R&D, we adhere strictly to the quality management system certification, ensure the quality of products is consistent and are able to meet customers' demands.
- In 2016, the production site was awarded the "Green Factory" award for environmental protection in the city of Wuxi.



## 2016 年度企业环保信用评价情况 反馈单

### 无锡德冠生物科技有限公司:

根据无锡市政府《无锡市社会信用体系建设规划（2014—2020 年）》（锡政发[2015] 10 号），省环保厅、省社会信用体系建设领导小组办公室《关于印发江苏省环保信用体系建设规划纲要（2016-2020 年）的通知》（苏环办〔2016〕10 号）、省环保厅《关于开展 2016 年度企业环保信用评价工作的通知》（苏环办〔2016〕355 号）的要求，我局对你单位评价周期内（2016 年 1 月 1 日—12 月 31 日）环保信用信息进行归集，经评价，你单位 2016 年度环保信用颜色标识为：**绿色**。

现将此评价结果反馈给你单位。如需陈述，请你单位在接到本反馈单之日起 7 日内向我局提出书面反馈意见；逾期视为你单位无反馈意见并认同上述评价结果。届时我局将按照有关规定将最终评价结果上报市环保部门，于 6 月 5 日前向社会公开，并参与企业信用信息共享和管理联动。

联系部门：宣传法制科（423 室） 联系电话：88219327

无锡市锡山区环境保护局  
二〇一七年四月十二日

注：为了能及时了解最新的锡山环保动态以及参保单位自身的环境隐患。请各参保单位环保负责人务必对右侧锡山环保官方微信公众号二维码扫码关注。



# Third Party Testing Institute — CMA, CNAS

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**Jiangsu Reba Textile & Chemical Certification Co., Ltd.**

Specialized in textile and chemical testing

Obtained **CMA** qualification

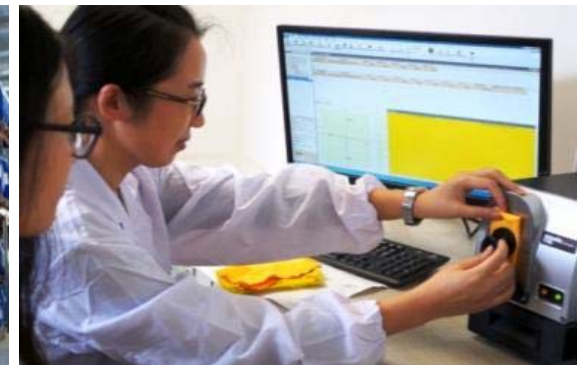
**CNAS**





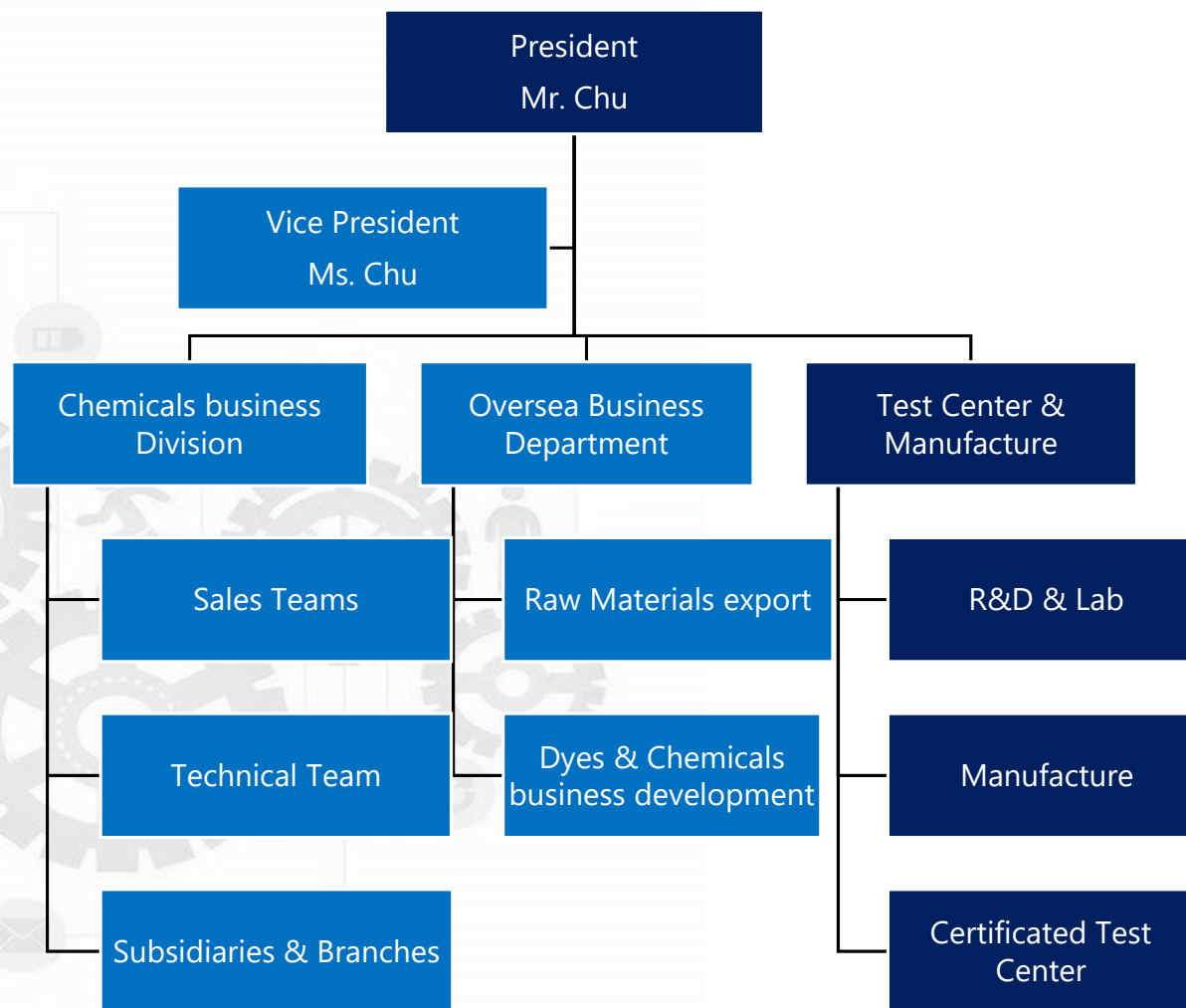
## Production Site

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# Organization

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## Core Team

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All our team leaders have been working in this industry more than 10 years, most of them has been working in international company such as Huntsman, Anchroma and Dystar as executive.

The Technical service team combined both international company background elites and people who has been working in dyeing mills more than 10 years as manager position. So we provide our customers both theoretical knowledge and practical experience to solve problems.

The R&D team member some comes from international company , there are several PhDs and Masters to develop new products or technology

Manufacture and Test Center has certificated as first class production site in Wuxi City and now we are working to installing one line with AI technology to control process , therefore ensure the best quality and consistency.



# Cooperation

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## Zhonghuan Reba (Beijing) Environmental Science Institute

Together with the People's Republic of China Ministry of Environmental Protection, the Chinese Research Academy of Environmental Sciences (CRAES), and relevant provincial and municipal departments and institutions have formed a comprehensive research institution to focus on the key technologies of ecological low-carbon transformation in the textile, printing and dyeing industry.

1. Promotes R&D, popularization and application of key technologies for ecological low-carbon transformation in printing and dyeing companies
2. Formulates industrial standards for products, processes and ecological production
3. Explores innovative ideas and methods for new environmental protection technologies
4. Tests for eco-friendly new products
5. Researches major national, ministerial and provincial science and technology projects



## Cooperation

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- In March 2017, Reba collaborated with CRAES to launch the following seminar at the CRAES in Beijing:  
“Green Printing and Dyeing Technology Innovations and Ecological Developments in Printing and Dyeing Companies for Green, Low-carbon Transformation of Key Technologies and their Integration and Research”.
- In 2017, Reba won the Standing Director Qualification by the Chinese Society for Environmental Sciences (CSES).



## Cooperation

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In 2015, Reba and Pulcra (previously a Henkel subsidiary) established the first joint Sino-German R&D center in the industry, thereby introducing the first-class technology of the world's top German chemical companies to China. As part of this venture, the intellectual property rights of the R&D belong completely to Reba.



# Cooperation

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## Joint R&D Lab for Biological Enzyme Research Established by Reba and the Research Institute of Tsinghua University in the Yangtze Delta Region

Reba and the Research Institute of Tsinghua University in the Yangtze Delta Region jointly established the R&D center, with the goal of conducting intensive research into the industrialized application of biological enzymes in various fields. The enzyme research performed at Tsinghua University represents the most advanced enzyme technology in China. The enzymes are currently only applied in the laboratory and academic reports. However, with the technology and research performed by Tsinghua University and DuPont, Reba aims to become the first Chinese company to offer large-scale production and applications of enzyme technology.

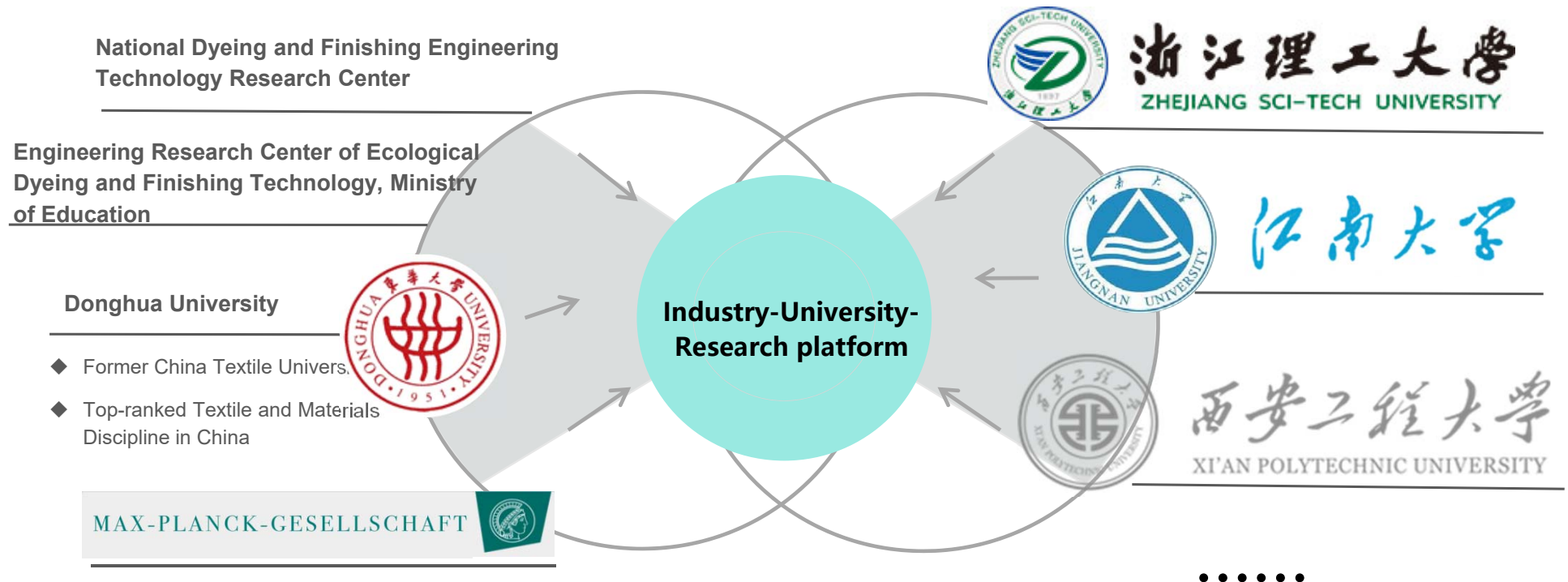




# Technical Institute — Cooperative Units

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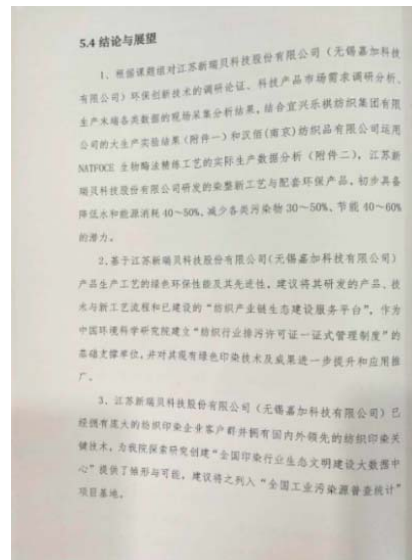
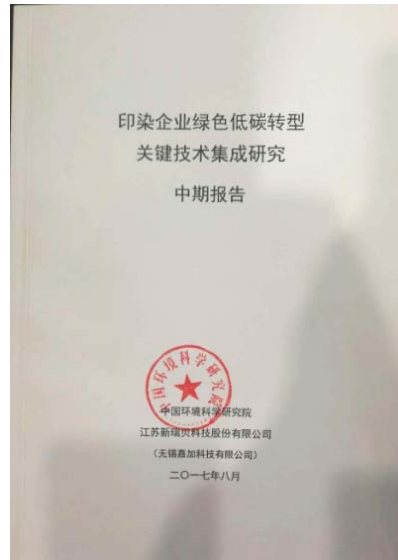
Jiangsu Reba Ecological Dyeing and Finishing Innovation Center





# Innovations

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## Interim Report on Integration of Key Technology Research in Green and Low-carbon Transformation of Printing and Dyeing Companies

Conclusions of the interim report:

1. The new dyeing and finishing technology developed by Reba, and the supporting environmental protection products have the potential to **reduce water and energy consumption from 10-- 40%, reduce various pollutants by 10 - 30% depends on mills process and fabrics**
2. It is suggested that the Chinese Research Academy of Environmental Sciences (CRAES) should act as a basic support unit while establishing the "One License Management System of Textile Emission Permits"
3. It is suggested to be included in the project base of "National Census and Statistics of Industrial Pollution Sources"



## "Internationally Advanced" Scientific and Technological Achievements Evaluation Report

In 2016, the green and energy-saving textile printing and dyeing technology project, independently developed by Reba, was the "Internationally Advanced" achievement by the Ministry of Science and Technology

# Innovations

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- At present, Reba has 191 authorized patents, including 155 industry-leading environmental protection technologies and product inventions, 33 utility model patents and 3 copyrights, with numbers increasing continuously.



## Innovations

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■ We continuously provide technical services to customers in the shape of products and solutions

### Examples of Innovative Products and Technologies:

- Biomass Products - Green Printing and Dyeing
- Efficient Cold –Pad-Batch Bleaching
- Unique Enzyme Bleaching Pretreatment
- SYN Continuous Pretreatment for Poly Woven Fabrics
- Improvement of Edge Color Difference in Reactive Continuous Dyeing
- Anti-bleeding Technology for Viscose Reactive Printing
- Handfeel improved Technology for printed fabric
- Cool-feel Printing Technology
- Super-soft Oil and Water Repellent Technology
- Super-soft Anti-pilling Finishing Technology
- Unique Thickening Softener FINFOCE SY-260G
- Wool Moiré Finishing Technology

# Innovations Biomass - Green Printing and Dyeing

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Reba has developed a full range of biomass products from pre-treatment to dyeing, printing and finishing, and has therefore been able to break into the traditional printing and dyeing auxiliaries market which is based on petrochemical raw materials. Reba will lead the textile industry into a new era of green and environmentally friendly products where biomass materials are fully and effectively used.

International DIN biomass certification.  
Ideally suited for infants and children, underwear, bedding and other skin-friendly textiles.

**Keep away from petrochemicals!**



Natural

Green

Eco-friendly

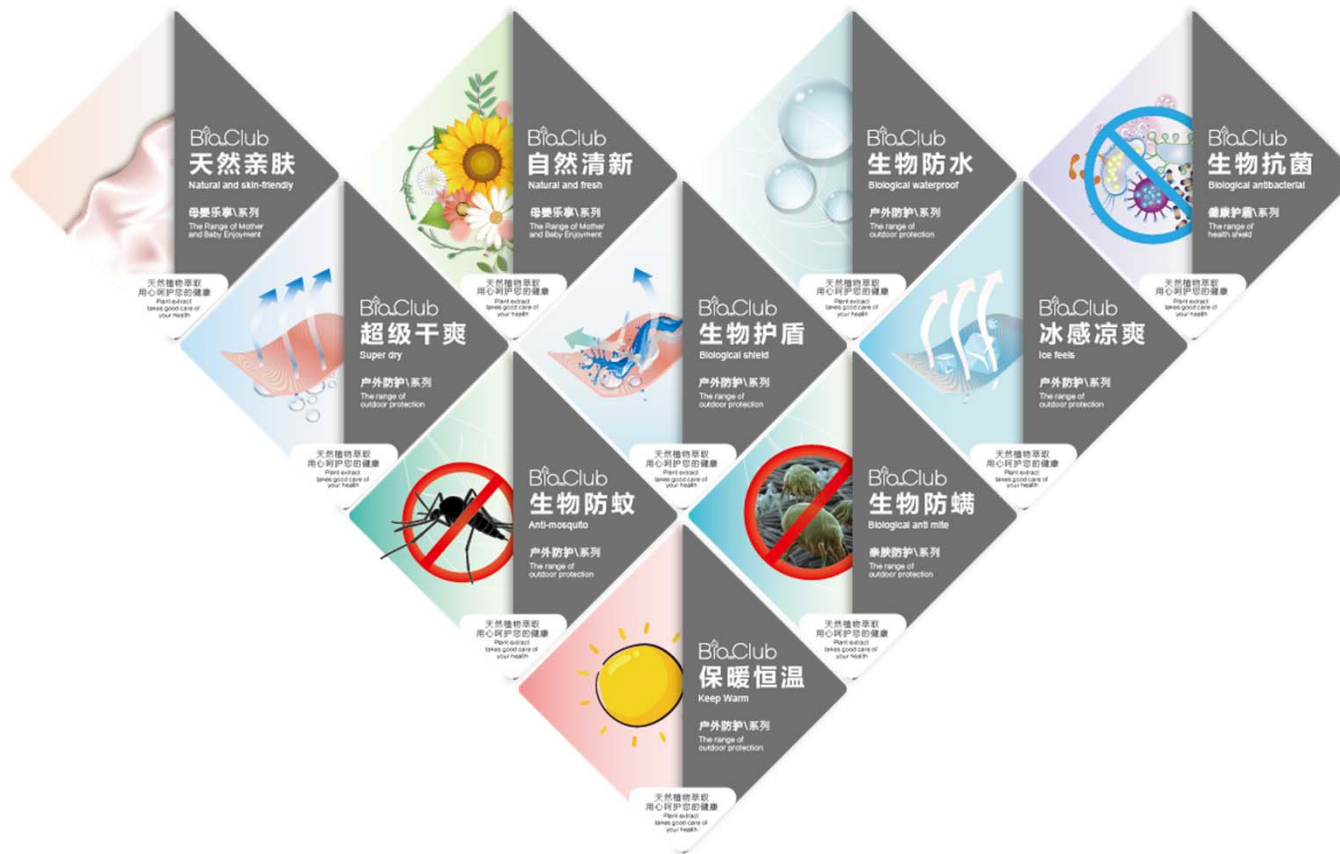
Safe

Healthy



# Innovations Biomass - Green Printing and Dyeing

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More certifications coming

Biological Anti-mite Certification  
Biological Mosquito-proof Certification  
Biological Cool Certification  
Biological Thermal Certification  
Biological Anti-wrinkle Certification

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## Exhibitions

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■ In July 2018, Reba participated in the “2018 DPA International Digital Printing Industry Application Exhibition”



Images from the event

## Exhibitions

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Reba at the 2018 Children's Clothing Supply Chain Conference  
In September, CFS and Reba launched biomass fabrics at the Shanghai autumn/winter fabric exhibition.



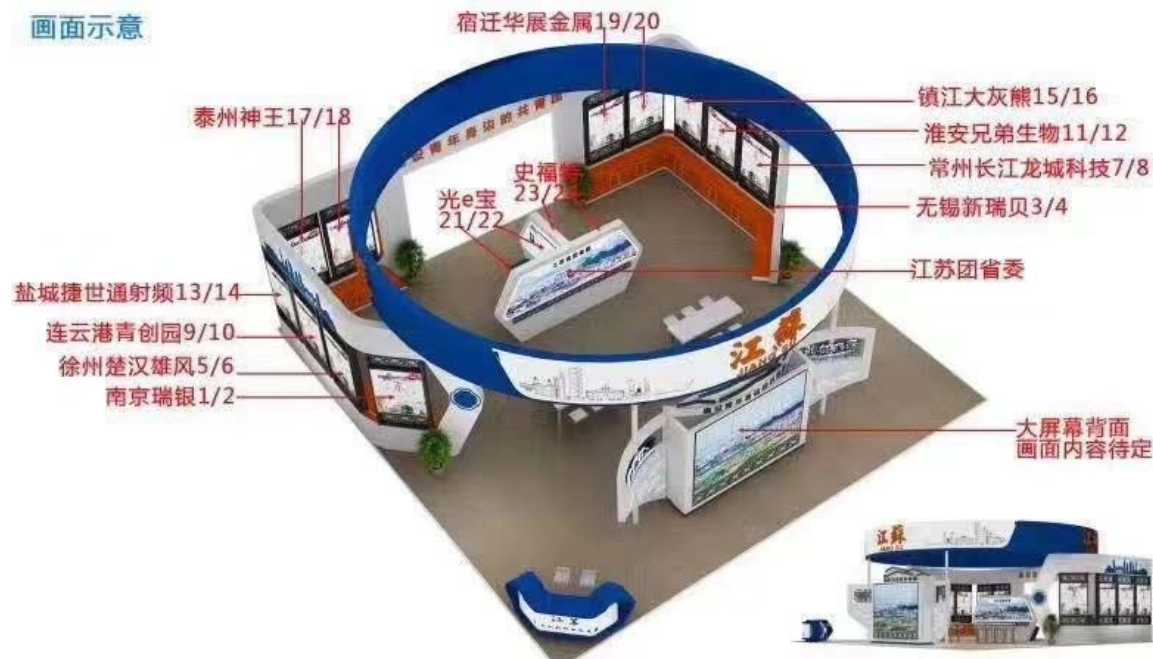
# Exhibitions

## December 2018: Participation at IIEE

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- As a Jiangsu company, Reba was honored to present its biomass products — which replace traditional petroleum auxiliaries – at IIEE which was held at the China National Convention Center in Beijing from December 14 to 16.

画面示意



# Social Responsibility

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■ Within the scope of company development, Reba always considers its social mission and responsibilities. The company actively participates in social and public welfare undertakings to promote the construction of a harmonious society. We have established a public welfare brand project with all our staff involved in the “Love Reba” Red Cross Relief Fund, to ensure more people are able to receive practical care and help. It is currently one of the largest charitable funds in Wuxi.



“Love·Reba” Red Cross Relief Fund

## “Love·Reba” Red Cross Relief Fund example programs

- “Love·Reba”: Family Service Program
- “Love·Reba”: Cataract Surgery Program for patients with cataracts
- “Hui Angel Caring Mothers”: Provides grants to achieve dreams
- Blue Ribbon Volunteer Association: Work together and give thanks for the dedication
- Warm Company: walk to Jiangnan University program
- “Love·Reba”: Training room for autistic children established in Wuxi Huishan rehabilitation hospital





# Thanks!



Jiangsu New Reba Technology Inc