

低碳新经济—镇江国际低碳技术产品交易展示会 2016

Low-carbon Economy -- Zhenjiang International Low-carbon Technology Products Trade Fair  
2016



镇江低碳再行动  
创造市场新动能  
**Zhenjiang Low-carbon in  
Action  
Creating New Energy of  
Market**

**镇江低碳百项**

***Zhenjiang's A Hundred  
Projects in Low-carbon  
Field***



# 镇江低碳百项

## Zhenjiang's A Hundred Projects in Low-carbon Field

2016年10月

October, 2016

镇江引领探索城市低碳化、去碳化发展的创新途径。作为国家级低碳城市、海绵城市、新型城镇化发展、绿色产业等试点城市，镇江通过实际行动，建设“镇江新模式”；及时把握新的技术变革带来的新一轮产业革命的契机，建设中国第一个城市“生态云”管理平台，积极推进城市的智慧化发展。一方面，不断提升产业和基础设施的技术水平，另一方面，极大提高建立在生态环境安全基础上的创新发展和管理效率。

Zhenjiang is leading the exploration of the innovative approaches of low-carbon and de-carbonizing urban development. As a national pilot city of low-carbon city, sponge city, new urbanization development and green industry, Zhenjiang is building its "Zhenjiang new model". Timely seize the industry revolution opportunity which go along with technological revolutions, to build China's first city "ecological cloud" management platform, and actively promote the city's intelligent development. On one hand, constantly upgrade the technical level of the industry and infrastructure. On the other hand, greatly improve the innovation development and management efficiency based on ecological environment safety.

2016年11月28-29日，镇江市人民政府将举办首届“低碳新经济——镇江国际低碳技术产品交易展示会”（简称镇江“低交会”）。诚邀全球清洁技术创新引领者、产业领军者、绿色金融投资界、低碳绿色发展区域政府、智库研究机构等各界，齐聚这个“美的让人吃醋”的城市，共论技术产业的大势所趋，共商合作伙伴新机遇，共创经济发展新势能；从技术、产业、资本、区域、人才等全方位、多角度，携手推动实现联合国“可持续发展目标”和《巴黎协议》的庄严承诺。

On 28th and 29th of November, 2016, Zhenjiang Municipal People's Government will hold the first "Low-carbon Economy -- Zhenjiang International Low-carbon Technology Products Trade Fair"(hereinafter referred to as Zhenjiang "Low-carbon Trade Fair"). The "Low-carbon Trade Fair" will invite global clean technology innovation leaders, industry leaders, green financial investors, low-carbon green development regional governments, think tank research institutions and other sectors to gather in Zhenjiang, to discuss the general trend of technology industry, to discuss the new opportunities for partners, to create the new potential for economic development. From the points of technology, industry, capital, region and talent, to promote the implementation of "Sustainable Development Goals" of United Nations and "Paris Agreement".

镇江“低交会”聚焦产业清洁革命发展的“最后一公里”关键议题，深入论道政策激励如何有效激发技术创新、吸引资本流动，从而加快市场的规模化发展进程；通过实际案例的剖析、具体实践的探索、模式的创新，从低碳城市、企业持续发展、绿色设计、绿色金融四个切入点，剖析构建可持续商业模式的共赢战略。

Zhenjiang "Low-carbon Trade Fair" focused on the "Last Mile" key issues in the development of industrial clean revolution, and deeply discussed how incentive policies will stimulate

technological innovations and attract capital flows, thus speeding up the development of scale of market. Through the analysis of practical cases, the exploration of concrete practice, the innovation of mode, to analyze and build a sustainable business model from 4 entry points of low-carbon city, sustainable developing enterprises, green design and green finance.

镇江“低交会”为全球创新引领者提供一个技术和产品的展示平台，汇集全球 500 强企业、中国领军企业、技术创新企业的技术和产品，从能源到材料，从建筑到交通，从环保到循环经济，从储能到智能方案，从工业能效到先进制造。

Zhenjiang "Low-carbon Trade Fair" provides a exhibition platform of technologies and products to the global innovation leaders. The Fair exhibits technologies and products from the world's top 500 enterprises, China leading enterprises and technological innovation enterprises in fields of energy, material, building, transportation, environmental protection, circular economy, storage, intelligent solutions, industrial energy efficiency and advanced manufacturing.

镇江“低交会”将正式推出“技术创新先锋 100”，遴选全球低碳化发展相关领域的领先技术，定期向中国和全球市场发布，嫁接技术与资本、产业、区域、市场的直接沟通，提供面对面交易合作路演机会，同时，助力中国 and 世界各国向新一轮产业革命的转型。

Zhenjiang "Low-carbon Trade Fair" will officially launch the "100 Pioneers of Technology Innovation". The "100 Pioneers" will select global leading technologies in low-carbon related areas, and regularly release the technologies to China and global market. They will also build up direct communication between technology and capital, industry, region and market, to seek for face-to-face cooperation opportunities like road shows. They will also help China and the rest of the world with the new round of industrial revolution.

镇江“低交会”首次推出“镇江低碳再行动，创造市场新动能 —— 镇江低碳百项”。在全市范围内，征集企业转型升级、创新型发展的技术和资本需求，依托“低交会”，变革区域传统招商引资的模式；从需求出发，有针对性地招募全球先进技术、企业和投资，积极参与低碳城市、绿色产业发展进程。镇江市的“十三五规划”确立明确而坚定的目标：2020 年实现排放达峰。明确的政策目标和方向，需要不断加强的技术创新、产业、资本和人才的支撑。

Zhenjiang "Low-carbon Trade Fair" will launch "Zhenjiang Low-carbon in Action, Creating New Energy of Market -- Zhenjiang's A Hundred Projects in Low-carbon Field". The Fair will city-widely collect technologies and capital needs for enterprise transformation, upgrading and innovation development, in order to change the traditional regional investment model. The Fair will recruit the world's advanced technology, business and investment on the basis of demand, and actively participate in development process of low-carbon city and green industry. "13th Five-year Plan" of Zhenjiang established a clear goal: to achieve emission peak in 2020, which requires continually technological innovation and the support from industry, capital and talent.

这本“镇江低碳百项”手册，汇聚了镇江城市和企业继续引领转型升级、低碳发展、跻身于新一轮产业革命大潮的切实市场需求。我们诚邀全球各界关注镇江的低碳探索，参与 11 月 28-29 日的“低交会”，同时，以这个手册为窗口，了解镇江乃至中国的发展诉求，从而准确把握与镇江合作共赢的新机遇。

This "Zhenjiang's A Hundred Projects in Low-carbon Field" brochure listed practical market demands of Zhenjiang and its enterprises to lead transformation and upgrading, low-carbon

development and to participate in the new round of industrial revolution. We kindly invite the world to concern our low-carbon exploration, and attend in the "Low-carbon Trade Fair" on 28th and 29th November. We also expect the world to understand the development demand of Zhenjiang and even China, so as to accurately grasp new cooperation opportunities with Zhenjiang.

吴忠峰

国家级新区绿色发展联盟执行秘书长

里夫金中国/亚洲办公室主任

态客 | TECONET 创始人

Executive Secretary of National New District Green Development Alliance

Office Manager of Rifkin China/Asia

Founder of TECONET



# 镇江清洁技术需求调研

## Research on Demand of Zhenjiang Clean Technology

镇江技术需求调研——节能降低运营成本技术最受青睐，适合企业自身发展技术布局也受关注

Research on Demand of Zhenjiang Clean Technology ---- Energy-saving technology which reduce operating cost is most popular. Technology layout which fits enterprise development is also preferred.

镇江政府在筹备本届“镇江国际低碳技术产品交易展示会”过程中，针对镇江市应税销售百强企业进行了一次清洁技术需求调查和技术资金合作征集。

During the preparation of this "Low-carbon Trade Fair", Zhenjiang government completed a clean technology demand survey and a technical cooperation fund collection.

清洁技术需求调查中，调查对象设为清洁技术需求方、供给方和融资方 3 类，总数 100 家。有效反馈企业 42 家，其中

- 清洁技术需求方 39 家，占 92.86%；
- 清洁技术提供方 2 家，占 4.76%；
- 清洁技术融资方 1 家，占 2.38%。

In the clean technology demand survey, the 100 respondents were classified as 3 categories: clean technology demander, provider and financier. 42 of them returned effective feedback, including

- 39 demanders, accounted for 92.86%;
- 2 providers, accounted for 4.76%;
- 1 financier, accounted for 2.38%.

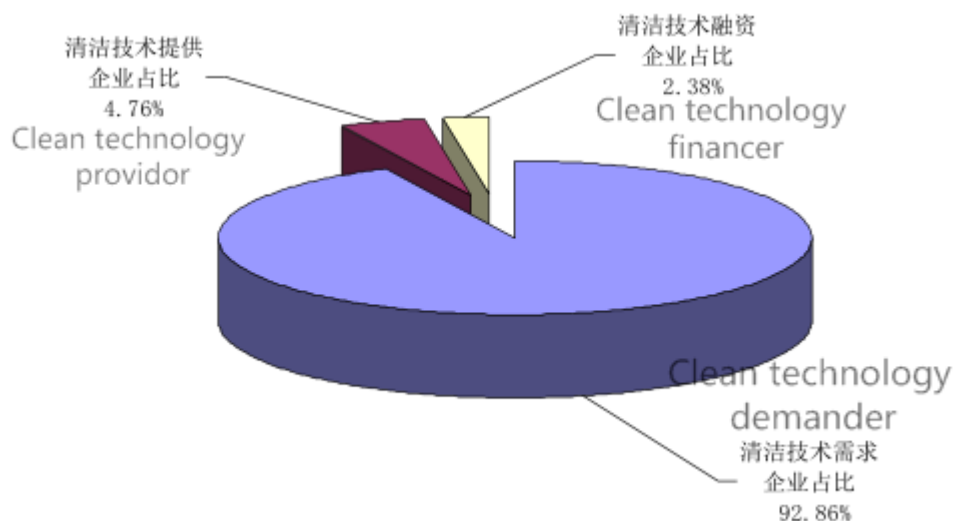


图 1 镇江市百强企业清洁技术调查反馈情况

Figure 1 Feedback of Zhenjiang Top 100 Clean Technology Enterprises

针对企业清洁技术需求情况，在 39 家技术需求方企业中，选择

- “清洁传统能源和可再生能源” 6 家，占 15.38%；
- “节能及能效” 24 家，占 61.54%；
- “可持续交通” 1 家，占 2.56%；
- “环保” 10 家，占 25.64%；
- “生态农业” 1 家，占 2.56%；
- “智能电网/储能” 3 家，占 7.69%；
- “先进制造业” 15 家，占 38.46%；
- “新材料” 6 家，占 15.38%。（见图 2）

For the demand of clean technology, among 39 demanders,

- 6 chose "clean traditional energy and renewable energy", accounted for 15.38%;
- 24 chose "energy saving and energy efficiency", accounted for 61.54%;
- 1 chose "sustainable transportation", accounted for 2.56%;
- 10 chose "environmental protection", accounted for 25.64%;
- 1 chose "ecological agriculture", accounted for 2.56%;
- 3 chose "smart grid/energy storage", accounted for 7.69%;
- 15 chose "advanced manufacturing", accounted for 38.46%;
- 6 chose "new materials", accounted for 15.38%. (see Figure 2)

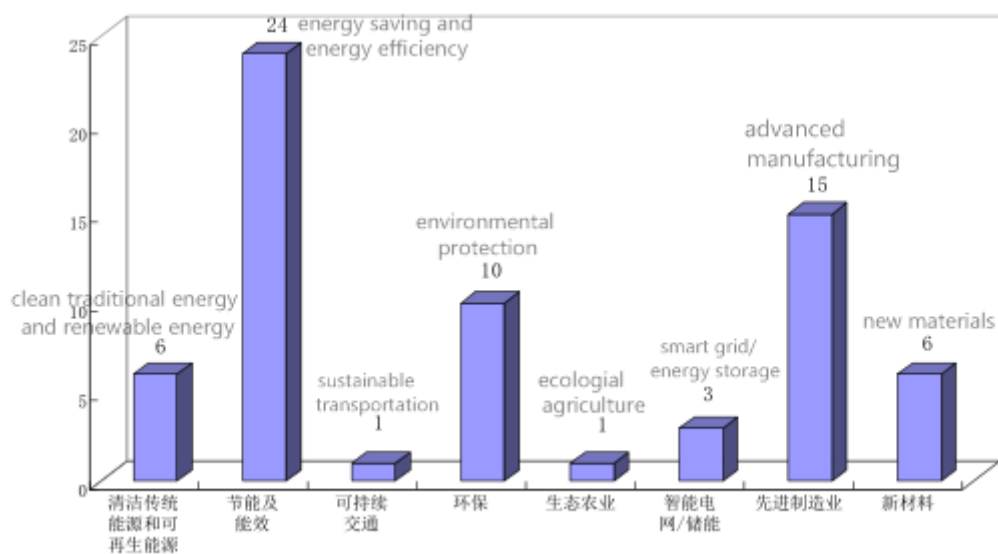


图 2 希望寻找的技术所属领域情况

Figure 2 Distribution of the Expected Technologies

针对寻找清洁技术的原因，39 家企业中，选择

- “寻找本企业需要的解决方案” 22 家，占 56.41%；
- “寻找符合区域发展要求的优秀清洁技术” 10 家，占 25.64%；
- “寻找补强企业战略布局的优秀技术” 10 家，占 25.64%；
- “寻找国内外有潜力甚至具有颠覆性的优秀清洁技术” 3 家，占 7.69%。（见图 3）

For the reasons of seeking clean technology, among 39 demanders,

- 22 chose "seek for solutions which enterprise demands", accounted for 56.41%;
- 10 chose "seek for clean technology meets the requirement of regional development", accounted for 25.64%;
- 10 chose "seek for clean technology which strengthen enterprise strategy layout", accounted for 25.64%;
- 3 chose "seek for potential or even disruptive clean technology in China and abroad", accounted for 7.69%. (see Figure 3)

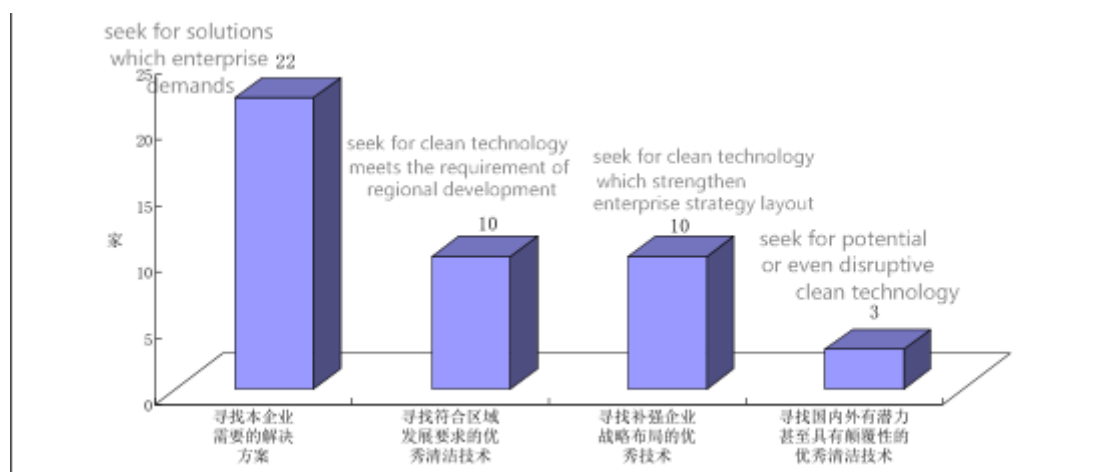


图 3 寻找清洁技术的原因情况

Figure 3 Reasons of Seeking Clean Technology

对于参与本次“低交会”的诉求，39 家企业中，选择

- “寻找技术” 35 家，占 89.74%；
- “寻找投资” 3 家，占 7.69%；
- “寻找合作” 7 家，占 17.95%；
- “参加路演” 1 家，占 2.56%；
- “其他” 3 家，占 7.69%，分别为
  - ◇ “通过与专家的沟通，寻找适合我公司的清洁技术”
  - ◇ “通过多方的了解、信息的整合，梳理公司在清洁技术方面的新思路，并调整未来清洁技术研发的方向和方法”
  - ◇ “适合公司的成熟节能环保产品，希望使用后能明显降低公司运营费用”。

For the demand of participating in this "Low-carbon Trade Fair", among 39 demanders,

- 35 chose "seek for technology", accounted for 89.74%;
- 3 chose "seek for investment", accounted for 7.69%;
- 7 chose "seek for cooperation", accounted for 17.95%;

- 1 chose "participate in the road show", accounted for 2.56%;
- 3 chose "others", accounted for 7.69%, which are
  - ◇ "Through communication with experts, to find suitable clean technology for the company."
  - ◇ "Through understanding from multi-party and information integration, to comb new idea of company in clean technology field, and adjust the future direction and method of R&D of clean technology"
  - ◇ "Seek mature energy-saving and environmental protection products suitable for the company, hoping to significantly reduce the operating expenses"

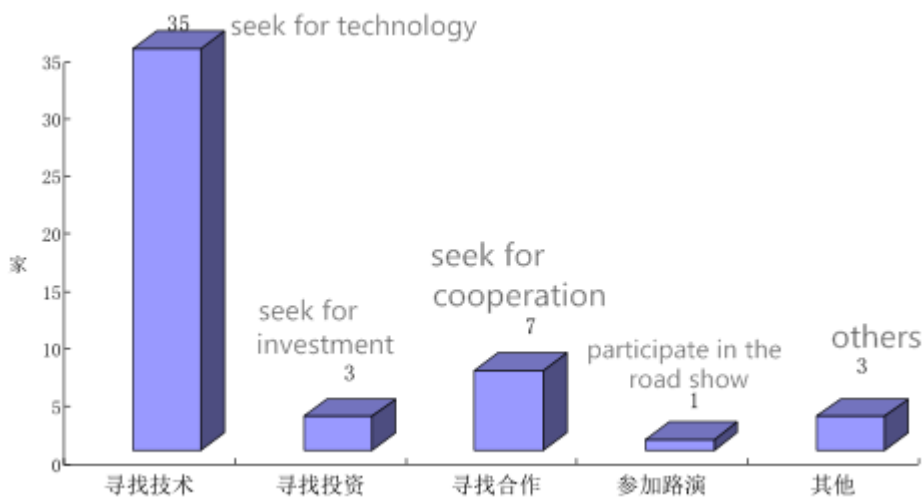


图 4 参加“低交会”的具体诉求情况

Figure 4 Demands of Participating in this "Low-carbon Trade Fair"

对于“什么创新或趋势可能在未来五年颠覆清洁技术投资领域？”的调查中，39 家企业中，选择“不会有这样的技术或创新”24 家，站 61.56%；“有这样的技术或创新”15 家，站 38.45%。具体信息见下表

In the survey of "What innovation or trend does your company have may subvert the clean technology investment field in the next five years?", among 39 demanders,

- 24 chose "no such innovation or trend", accounted for 61.56%;
- 15 chose "do have such innovation or trend", accounted for 38.45%.

Specific information is listed in the table below.



未来五年可能颠覆清洁技术投资领域的创新或趋势调查反馈表

序号	企业名称	认为可能在未来五年颠覆清洁技术投资领域的创新或趋势
1	江苏丹毛纺织股份有限公司	植物染料在纺织产品上的生产运用
2	江苏肯帝亚木业有限公司	智能机器设备
3	华电江苏能源有限公司句容发电厂	脱除三氧化硫、脱汞技术
4	建华建材（江苏有限公司）	1. 建材行业的产业技术重大改革；2. 新材料在建材行业的使用；3. 新能源或能源技改在建材行业的实际应用；4. 建材行业中，工业化和信息化融合给未来行业内制造生产带来的优势。
5	句容毅马五金制品有限公司	端板加工流水线作业
6	江苏鼎胜新能源材料股份有限公司	设备清洁方面的创新
7	镇江华东电力设备制造厂有限公司	生物质发电技术、等离子降解技术、生物降解技术、智能电站、智能保护系统、高压变频、转轮储能技术、石墨烯电池
8	江苏省镇江船厂（集团）有限公司	高效能源
9	吉贝尔药业股份有限公司	相信会出现符合企业发展的创新清洁技术，但不清楚使用成本和技术突破的方向
10	金东纸业（江苏）股份有限公司	生物质能源，废弃物转为可再生能源
11	镇江大东纸业有限公司	污水处理新技术，投资小，效果好，处理后水质相当于源水
12	镇江江南化工有限公司	精馏过程中的高效节能技术和反应过程中的节能技术
13	镇江耐丝新型材料有限公司	金刚线项目的大规模投产使用
14	中节能太阳能科技（镇江有限公司）	新型高效晶硅太阳能电池及组件关键技术
15	中粮包装（镇江）有限公司	节能、环保、机器人

Feedback table of "What innovation or trend does your company have may subvert the clean technology investment field in the next five years?"

No.	Enterprise	Innovation or trend they thought may subvert the clean technology investment field in the next five years
1	Jiangsu Danmao Textile Co., Ltd.	Production and application of plant dyestuffs on textile products.
2	Jiangsu Kentier Wood Co., Ltd.	Intelligent machine and equipment
3	China Huadian Corporatoin Jiangsu Energy Co. Jurong Power Plant	Removal technology of SO <sub>3</sub> , Mercury
4	Jianhua Building Materials (Jiangsu Co. Ltd.)	1. Industrial technology reform of building material industry; 2. Application of new materials in building material industry; 3. Practical application of new energy or energy technology reform in building material industry; 4. Integration of industrialization and informationization will bring advantages to manufacturing in the industry.
5	Jurong Yima Hardware Products Co., Ltd.	End plate machining assembly line operations.
6	Jiangsu Dingsheng New Energy Materials Co., Ltd.	Innovation in equipment cleaning method
7	Zhenjiang East China Electric Power Equipment Co., Ltd	Biomass power generation, plasma degradation, biodegradation, intelligent power station, intelligent protection system, high voltage frequency conversion, fly wheel energy storage, graphene battery
8	Jiangsu Zhenjiang Shipyard (Group) Co., Ltd.	High efficient energy
9	Jibeier Pharmaceutical Co., Ltd.	Hopefully to bring innovation clean technology in line with enterprise development, but the use cost and technological breakthrough direction are not clear yet.
10	Gold East Paper Ecommerce (Jiangsu) Co., Ltd.	Biomass energy, waste to renewable energy technology
11	Zhenjiang Dadong Pulp & Paper Co., Ltd.	New sewage disposal technology, with small investment and good effect, the quality of treated water is equal to raw water.
12	Zhenjiang Jiangnan Chemical Industry Co.	High efficient energy-saving technology in rectification. Energy-saving technology in reaction process.
13	Zhenjiang Naisi	Large scale production of Diamond Wire Project.

	New Material Co., Ltd.	
14	CECEP Solar Energy Technology (Zhenjiang) Co., Ltd.	Key technologies of new high efficiency crystalline silicon solar battery and components.
15	COFCO Packing (Zhenjiang) Co., Ltd.	Energy-saving, environmental protection, robot

# 镇江技术资金合作需求

## Zhenjiang Technical Capital Cooperation Demands

技术需求涉及多个领域，以节能环保和制造业为主

**Technical requirements are involved in many fields, mainly in energy-saving and environmental protection and manufacturing.**

技术资金需求征集针对镇江各国有企业集团下辖企业和镇江各相关领域企业开展，项目覆盖智慧城市/智慧楼宇、清洁能源、先进制造、节能与能效、智能电网/储能、生态环保、水安全与水处理、清洁与智慧交通、智能技术、材料科技、循环经济等十几个领域。

Raise of technical capital is focused on the enterprises under jurisdiction of state-owned enterprise group and enterprises in relevant business in Zhenjiang. The projects cover fields of smart city/smart building, clean energy, advanced manufacturing, energy saving and energy efficiency, smart grid/energy storage, ecological and environmental protection, water safety and water treatment, clean and intelligent transportation, intelligent technology, materials technology, circular economy, etc..

希望依托镇江“低交会”，通过技术资金需求征集，从需求侧出发，更有针对性的链接技术和市场，从传统的技术引领市场的模式逐步转移到技术与需求双引擎驱动的新模式，为镇江乃至全国各地政府寻找突围绿色创新发展的新模式，打造绿色创新发展新动能。

It is expected that rely on Zhenjiang "Low-carbon Trade Fair", the enterprises will raise technical capital and more targeted link their technology to the market from the demand side. To shift traditional technology-lead- market mode to technology-and-demand-dual-driven mode. And to find a green innovation development mode for Zhenjiang and even the local governments in the rest of China.

## 智慧城市/智慧楼宇

### Smart City/Smart Building

智慧城市/智慧楼宇 1/3

项目单位	镇江交通产业集团
项目名称	镇江生态新城
项目时间	2016-2020
主要建设内容	镇江生态新城以十里长山和丹徒新城以南区域为主体北接主城，南邻丹阳，西连句容，东靠镇江新区，规划面积 230 平方公里，规划人口约 100 万人。是镇江发展新的战略空间、城市发展的新中心
所在地	镇江
技术需求	低碳技术、清洁能源技术等和其他相关综合性城市建设低碳技术
资金需求	500 亿元

Smart City/Smart Building 1/3

Project Company	Zhenjiang Transportation Industry Group
Project Name	Zhenjiang Eco-city
Project Duration	2016-2020
Main Content of Construction	The main body of Zhenjiang Eco-city is located in Shilichangshan area, with the main city to the north, Danyang to the south, Jurong to the west, Zhenjiang New Area to the east. Planning area of 230 km <sup>2</sup> , planning population of about 1,000,000. It is the new strategic space and the new center of urban development of Zhenjiang.
Project Location	Zhenjiang
Technical Demand	Low-carbon technology, clean energy technology and other low-carbon technology related to integrated urban construction.
Capital Demand	50,000,000,000 RMB

## 智慧城市/智慧楼宇 2/3

项目单位	镇江交通产业集团
项目名称	镇江生态新城海绵城市建设工程
项目时间	2014-2018
主要建设内容	生态新城海绵建设工程包括雨水收集、路网生态排水、景观水系蓄水等项目，综合采用低影响开发技术，合理利用景观空间来处理面源污染和控制暴雨径流，通过建设都市自然排水系统、可渗透路面、生态屋顶、雨水花园、生态滞留草沟和雨水再生系统，达到水源的自给、自流、自净。
所在地	镇江
技术需求	水质净化、污水处理技术
资金需求	3.8 亿元

## Smart City/Smart Building 2/3

Project Company	Zhenjiang Transportation Industry Group
Project Name	Zhenjiang Eco-city Sponge City Construction Project
Project Duration	2014-2018
Main Content of Construction	Sponge city construction project includes rainwater collection, road network ecological dewatering, water storage in landscape area and other projects. The project will use low-impact development technology, rational use space in landscape area to deal with non-point source pollution and control storm runoff. Build urban natural drainage system, permeable pavement, eco roof, rain garden, eco retention grass ditch and rainwater regeneration system to achieve the self-sufficient, gravity flow and self-purification of water.
Project Location	Zhenjiang
Technical Demand	Water purification, sewage treatment technology
Capital Demand	380,000,000 RMB

## 智慧城市/智慧楼宇 3/3

项目单位	江苏大津清洁能源装备产业园有限公司
项目名称	清洁能源装备产业园项目
项目时间	2015-2020
主要建设内容	清洁能源装备产业园项目。整合龙源港机 517 亩、亚钢 283 亩、大津 115 亩合计 915 亩土地，利用岸线 900 米，打造清洁能源装备产业园，建设 <ul style="list-style-type: none"> <li>◇ 海工装备生产区</li> <li>◇ 船用智能电气生产区</li> <li>◇ 船用环保设备生产区</li> <li>◇ 船用 LNG 终端</li> <li>◇ 船用 LNG 储罐生产区</li> <li>◇ 纯 LNG 动力船生产区</li> <li>◇ 船舶海工装备技术研究中心。</li> </ul>
所在地	扬中
技术需求	能源装备、储藏、物流运输等
资金需求	3500 万元

## Smart City/Smart Building 3/3

Project Company	Jiangsu Dajin Clean Energy Equipment Industrial Park Co., Ltd.
Project Name	Clean Energy Equipment Industrial Park Project
Project Duration	2015-2020
Main Content of Construction	Clean energy equipment industrial part project. Integrate land of 915 mu (517 mu from Longyuan Port Machinery Co., 283 mu from Yagang Metal Co., 115 mu from Dajin Co.) and 900 meters of coastline, to build a clean energy equipment industrial park. Which includes <ul style="list-style-type: none"> <li>◇ marine equipment production area</li> <li>◇ marine intelligent electrical production area</li> <li>◇ marine environment protection equipment production area</li> <li>◇ marine LNG terminals</li> <li>◇ marine LNG storage tank production area</li> <li>◇ pure LNG powered ship production area</li> <li>◇ marine engineering equipment and technology research center</li> </ul>
Project Location	Yangzhong
Technical Demand	Energy equipment, storage, logistics and transportation
Capital Demand	35,000,000 RMB

## 节能与能效

# Energy Saving and Energy Efficiency

节能与能效 1/2

项目单位	镇江能源管理公司
项目名称	节能改造及合同能源管理
项目时间	2017
主要建设内容	节能方案设计、设备改造及能源管理
所在地	镇江
技术需求	节能技术
资金需求	2000 万元

Energy Saving and Energy Efficiency 1/2

Project Company	Zhenjiang Energy Management Company
Project Name	Energy-saving Reform and Contract Energy Management
Project Duration	2017
Main Content of Construction	Energy-saving program design, equipment modification and energy management
Project Location	Zhenjiang
Technical Demand	Energy-saving technology
Capital Demand	20,000,000 RMB



节能与能效 2/2

项目单位	江苏绿叶锅炉有限公司
项目名称	节能环保型余热锅炉技术研发和产业化
项目时间	2015-2018
主要建设内容	项目拟投资 1 亿元，建设 3 万平方米的余热锅炉试验和产业化生产基地，其中一期投资 6000 万元，二期投资 4000 万元，已投入 3000 万元，项目完成后，预计实现年产 20000 吨，实现销售 2 亿元。
所在地	丹阳
技术需求	余热锅炉产品技术研发
资金需求	3000 万元

Energy Saving and Energy Efficiency 2/2

Project Company	Jiangsu Green Leaves Boiler Co., Ltd.
Project Name	Technology R&D and Industrialization of Energy-saving and Environmental Protection Waste Heat Boiler
Project Duration	2015-2018
Main Content of Construction	The project intends to invest 100,000,000 RMB to build a waste heat boiler testing and industrial production base of 30,000 m <sup>2</sup> . 60,000,000 RMB of investment for Phase I, 40,000,000 RMB for Phase II. Already invested 30,000,000 RMB. It is expected to achieve an annual output of 20,000 tons, which sales about 200,000,000 RMB.
Project Location	Danyang
Technical Demand	R&D of waste heat boiler technology
Capital Demand	30,000,000 RMB

## 生态环保

### Ecological and Environmental Protection

生态环保 1/13

项目单位	江苏泓彦塑料科技有限公司
项目名称	PTFE 袋式除尘生产设备技术改造项目
项目时间	2017
主要建设内容	PTFE（聚四氟乙烯）是目前国内国际上普遍采用的袋式除尘产品原料，其相比 PPS 产品更具有耐高温、耐酸碱、使用寿命长、更换周期短等优点。 本项目主要着力于提升产品的生产设备的性能，节约能源，节约生产成本。
所在地	扬中
技术需求	1、通过设备改造，降低生产设备如烘箱等的功率，节能降耗。 2、通过生产线的技术改造，将原本的成本率 65%提升到 88% 以上。
资金需求	1000 万元

Ecological and Environmental Protection 1/13

Project Company	Jiangsu Hongyan Plastic Technology Co., Ltd.
Project Name	Technological Upgrading Project of PTFE Bag-type Deduster Equipment
Project Duration	2017
Main Content of Construction	PTFE is currently widely used as material for bag-type deduster products, which is more resistant to high temperature & acid. and has longer life and shorter replacement cycle than PPS products. This project focuses on improving the performance of production equipment, to save energy and production costs.
Project Location	Yangzhong
Technical Demand	1. Through equipment upgrading, to reduce equipment power such as ovens, and save energy 2.
Capital Demand	10,000,000 RMB

生态环保 2/13

项目单位	江苏远东环保工程有限公司
项目名称	VOCs 治理技术
项目时间	长期
主要建设内容	
所在地	润州
技术需求	VOCs 治理技术与相关新材料
资金需求	

Ecological and Environmental Protection 2/13

Project Company	Jiangsu Far East Environmental Protection Engineering Co.
Project Name	VOCs Control Technology
Project Duration	Long-term
Main Content of Construction	
Project Location	Runzhou
Technical Demand	VOCs treatment technology and related new materials
Capital Demand	

生态环保 3/13

项目单位	江苏航天惠利特环保科技有限公司
项目名称	基于膜分离的有机废气资源化装置研发
项目时间	2016-2018
主要建设内容	针对油气、芳烃、醇类等有机废气污染的治理及资源化，特别是目前国内继续解决的油气回收过程，通过引进国内先进的膜分离单元，耦合集成压缩/冷凝/膜/吸附等分离单元，形成具有自主知识产权的多种分离回收集成降耗技术，开发出先进的多种技术高效集成技术装备。
所在地	扬中
技术需求	高效有机蒸汽膜分离技术
资金需求	200 万

Ecological and Environmental Protection 3/13

Project Company	Jiangsu Aerospace Hewlett Environmental Protection Technology Co., Ltd.
Project Name	R&D of Organic Waste Gas Resource Utilization Equipment Based on Membrane Separation
Project Duration	2016-2018
Main Content of Construction	Focus on the control and resource utilization of organic waste gas such as oil, gas, aromatics and alcohols, especially the oil and gas recovery process being continuously solved domestically. Introduce the domestic advanced membrane separation unit, integrated with compression, condensation, membrane, adsorption and other separation units, to develop a variety of separation and recovery integrated energy-saving technology which has its own IP. And further develop technical equipment which efficiently integrated with variety advanced technologies.
Project Location	Yangzhong
Technical Demand	High efficient organic steam membrane separation technology
Capital Demand	2,000,000 RMB

生态环保 4/13

项目单位	扬中市兴隆塑料包装厂
项目名称	汽车内饰件（废海绵）规范处理
项目时间	2017
主要建设内容	
所在地	扬中经济开发区
技术需求	废边角料处置技术
资金需求	100 万元

Ecological and Environmental Protection 4/13

Project Company	Yangzhong Xinglong Plastic Package Plant
Project Name	Specification Processing of Automobile Interior Parts (Waste Sponge)
Project Duration	2017
Main Content of Construction	
Project Location	Yangzhong Economic Development Zone
Technical Demand	Waste offcut disposal technology
Capital Demand	1,000,000 RMB

生态环保 5/13

项目单位	镇江市华银仪表电器有限公司
项目名称	车间废气治理
项目时间	2017
主要建设内容	
所在地	扬中八桥
技术需求	废气处理技术
资金需求	

Ecological and Environmental Protection 5/13

Project Company	Zhenjiang Huayin Instrument Electrical Equipment Co., Ltd.
Project Name	Workshop Exhaust Gas Treatment
Project Duration	2017
Main Content of Construction	
Project Location	Baqiao Town, Yangzhong City
Technical Demand	Exhaust gas treatment technology
Capital Demand	

生态环保 6/13

项目单位	江苏利民制品包装有限公司
项目名称	燃煤锅炉改造、车间噪声防治
项目时间	2017
主要建设内容	
所在地	扬中八桥
技术需求	废气与噪声处理技术
资金需求	

Ecological and Environmental Protection 6/13

Project Company	Jiangsu Limin Paper Packing Co., Ltd.
Project Name	Coal-fired Boiler Upgrading and Workshop Noise Control
Project Duration	2017
Main Content of Construction	
Project Location	Baqiao Town, Yangzhong City
Technical Demand	Exhaust gas and noise treatment technology
Capital Demand	

生态环保 7/13

项目单位	镇江春环密封件集团有限公司
项目名称	车间废气、粉尘治理
项目时间	2017
主要建设内容	
所在地	扬中八桥
技术需求	废气与粉尘治理技术
资金需求	

Ecological and Environmental Protection 7/13

Project Company	Zhenjiang Chunhuan Sealing Group Co., Ltd.
Project Name	Workshop Exhaust Gas and Dust Control
Project Duration	2017
Main Content of Construction	
Project Location	Baqiao Town, Yangzhong City
Technical Demand	Exhaust gas and dust control technology
Capital Demand	



生态环保 8/13

项目单位	镇江文化旅游产业集团有限责任公司
项目名称	原江南化工厂退役厂区土壤修复与治理项目
项目时间	2017
主要建设内容	项目占地 77.23 公顷，主要建设内容包括综合旅游服务中心、水上游客服务中心、以及滨水景点景观等，其中原江南化工厂退役厂区和原垃圾填埋场土壤污染项目面积 200 亩
所在地	润州区原江南化工厂
技术需求	土壤污染治理与修复技术
资金需求	

Ecological and Environmental Protection 8/13

Project Company	Zhenjiang Cultural Tourism Industry Group Co., Ltd.
Project Name	Soil Remediation and Treatment Project in the Retired Factories of Former Jiangnan Chemical Plant
Project Duration	2017
Main Content of Construction	The project covers an area of 77.23 hectares, main constructions includes integrated tourism service center, aquatic tourist service center and waterfront attractions. Soil Remediation Project of the retired factories of former Jiangnan Chemical Plant and former landfill covers an area of 200 mu.
Project Location	Former Jiangnan Chemical Plant, Runzhou District
Technical Demand	Soil pollution control and remediation technology
Capital Demand	

生态环保 9/13

项目单位	江苏省镇江船厂（集团）有限公司
项目名称	
项目时间	
主要建设内容	
所在地	镇江市润州区京江路 8 号
技术需求	金属船舶制造业大气污染治理技术
资金需求	

Ecological and Environmental Protection 9/13

Project Company	Jiangsu Zhenjiang Shipyard (Group) Co., Ltd
Project Name	
Project Duration	
Main Content of Construction	
Project Location	#8,Jingjiang Road, Runzhou District, Zhenjiang
Technical Demand	Air pollution control technology for metal shipbuilding industry
Capital Demand	

生态环保 10/13

项目单位	镇江东亚碳素焦化有限公司
项目名称	
项目时间	
主要建设内容	
所在地	镇江市润州区韦岗街道
技术需求	石墨及碳素制品制造业大气污染治理技术
资金需求	

Ecological and Environmental Protection 10/13

Project Company	Zhenjiang East Asia Carbon Coking Co., Ltd.
Project Name	
Project Duration	
Main Content of Construction	
Project Location	Weigang Street, Runzhou District, Zhenjiang
Technical Demand	Air pollution control technology for graphite and carbon products manufacturing industry
Capital Demand	

生态环保 11/13

项目单位	中船动力有限公司
项目名称	
项目时间	
主要建设内容	
所在地	镇江市润州区长江路 402 号
技术需求	船用配套设备制造大气污染治理技术
资金需求	

Ecological and Environmental Protection 11/13

Project Company	China Ship Power Limited
Project Name	
Project Duration	
Main Content of Construction	
Project Location	#402, Changjiang Road, Runzhou District, Zhenjiang
Technical Demand	Air pollution control technology for marine auxiliary equipment manufacturing
Capital Demand	

生态环保 12/13

项目单位	江苏长丰纸业有限公司
项目名称	废纸渣综合利用项目
项目时间	2017
主要建设内容	建设废纸渣综合利用生产线，制成燃烧棒，作为锅炉燃料。
所在地	丹阳
技术需求	废气治理粉尘超低排放处理工艺
资金需求	需要资金引入

Ecological and Environmental Protection 12/13

Project Company	Jiangsu Changfeng Paper Co., Ltd.
Project Name	Waste Paper Comprehensive Utilization Project
Project Duration	2017
Main Content of Construction	Build waste paper comprehensive utilization production line, make waste paper into burning rods as boiler fuel.
Project Location	Danyang
Technical Demand	Exhaust gas control and ultra-low emission dust control process
Capital Demand	Need to introduce funds

生态环保 13/13

项目单位	金海宏业（镇江）石化有限公司
项目名称	VOC 减排回收利用项目
项目时间	2017
主要建设内容	VOC 的监测回收利用相关设施设备
所在地	丹徒经济开发区
技术需求	石化领域 VOC 的监测回收利用相关技术
资金需求	100 万元

Ecological and Environmental Protection 13/13

Project Company	Jinhai Hongye (Zhenjiang) Petrochemical Co., Ltd.
Project Name	VOC emission reduction and recovery project
Project Duration	2017
Main Content of Construction	VOC detection and recovery related facilities and equipment
Project Location	Dantu Economic Development Zone
Technical Demand	VOC detection and recovery technologies in petrochemical industry
Capital Demand	1,000,000 RMB

## 水安全与水处理

# Water Safety and Water Treatment

水安全与水处理 1/10

项目单位	镇江市自来水公司
项目名称	金西水厂深度处理及排泥水处理工程
项目时间	2017-2019
主要建设内容	30 万 m <sup>3</sup> /d 臭氧-生物活性炭处理设施、配套排泥水处理综合池
所在地	润州
技术需求	臭氧-生物活性炭深度处理技术
资金需求	2000 万元

Water Safety and Water Treatment 1/10

Project Company	Zhenjiang Water Company
Project Name	Advanced Treatment and Sludge Water Treatment Project of Jinxi Water Plant
Project Duration	2017-2019
Main Content of Construction	300,000 m <sup>3</sup> /d ozone-biological activated carbon treatment facilities, and supporting integrated water treatment pool
Project Location	Runzhou District
Technical Demand	Ozone-biological activated carbon advanced treatment technology
Capital Demand	20,000,000 RMB

水安全与水处理 2/10

项目单位	镇江市自来水公司
项目名称	供水管网独立计量分区
项目时间	2017-2020
主要建设内容	安装管道测流装置，实现管网由大到小逐级分区计量
所在地	镇江
技术需求	管道在线测流、流量数据分析
资金需求	2000 万元

Water Safety and Water Treatment 2/10

Project Company	Zhenjiang Water Company
Project Name	Partition of Water Supply Network Independent Metering
Project Duration	2017-2020
Main Content of Construction	Install pipeline flow metering devices, to achieve partition metering of different pipe network levels.
Project Location	Zhenjiang
Technical Demand	Online flow metering, flow data analysis
Capital Demand	20,000,000 RMB



水安全与水处理 3/10

项目单位	镇江市排水管理处
项目名称	通沟污泥处理站
项目时间	2017
主要建设内容	通沟污泥处置设备及场站建设
所在地	镇江
技术需求	通沟污泥全过程处理
资金需求	1200 万元

Water Safety and Water Treatment 3/10

Project Company	Zhenjiang Drainage Management Office
Project Name	Tonggou Sludge Treatment Station
Project Duration	2017
Main Content of Construction	Sludge disposal equipment and station construction
Project Location	Zhenjiang
Technical Demand	Whole sludge disposal process
Capital Demand	12,000,000 RMB

水安全与水处理 4/10

项目单位	镇江市水业总公司
项目名称	污水处理厂中水回用
项目时间	2016-2018
主要建设内容	建设尾水净化处理设施及中水回用系统管网
所在地	镇江
技术需求	可靠的污水厂尾水净化技术
资金需求	2000 万元

Water Safety and Water Treatment 4/10

Project Company	Zhenjiang Water Industry Co.
Project Name	Reuse of Reclaimed Water in Sewage Treatment Plant
Project Duration	2016-2018
Main Content of Construction	Build pipe network with wastewater purification treatment facilities and reclaimed water reuse system
Project Location	Zhenjiang
Technical Demand	Reliable wastewater purification technology
Capital Demand	20,000,000 RMB

水安全与水处理 5/10

项目单位	镇江市水业总公司
项目名称	污水处理厂 TN 去除
项目时间	2016-2018
主要建设内容	处理单元构筑物及加药设施和设备
所在地	镇江
技术需求	稳定有效的 TN 去除工艺技术
资金需求	1500 万元

Water Safety and Water Treatment 5/10

Project Company	Zhenjiang Water Industry Co.
Project Name	TN Removal of Sewage Treatment Plant
Project Duration	2016-2018
Main Content of Construction	Structures of processing unit and dosing facilities
Project Location	Zhenjiang
Technical Demand	Stable and effective TN removal technology
Capital Demand	15,000,000 RMB

水安全与水处理 6/10

项目单位	镇江市水业总公司
项目名称	污水管网渗漏检测
项目时间	2016-2020
主要建设内容	污水管网渗漏检测设备和设施
所在地	镇江
技术需求	查找管网渗透情况的设备设施，不开挖修复技术
资金需求	500 万元

Water Safety and Water Treatment 6/10

Project Company	Zhenjiang Water Industry Co.
Project Name	Leakage Detection of Sewage Pipe Network
Project Duration	2016-2020
Main Content of Construction	Leakage detection equipment and facilities
Project Location	Zhenjiang
Technical Demand	Equipment and facilities to detect the leakage, repair technology without excavation
Capital Demand	5,000,000 RMB

水安全与水处理 7/10

项目单位	镇江市水业总公司
项目名称	餐厨废弃物及生活污水协同处理项目
项目时间	2015--
主要建设内容	污泥热水解装置、有机质厌氧消化罐、脱水机房、太阳能干化场、沼气净化提纯系统
所在地	镇江
技术需求	<ul style="list-style-type: none"> <li>◇ 沼液处理及资源化技术、污泥高温热水解时产生的异味气体治理技术；</li> <li>◇ 脱水沼渣如何资源化利用</li> </ul>
资金需求	

Water Safety and Water Treatment 7/10

Project Company	Zhenjiang Water Industry Co.
Project Name	Kitchen Waste and Living Sludge Co-processing Project
Project Duration	2015--
Main Content of Construction	Sludge thermal hydrolysis device, organic anaerobic digestion tank, dehydration room, solar drying field, biogas purification system
Project Location	Zhenjiang
Technical Demand	<ul style="list-style-type: none"> <li>◇ Biogas slurry treatment and utilization technology, gas treatment technology for odor generated at high-temperature thermal hydrolysis of sludge</li> <li>◇ Utilize dewatering biogas residue</li> </ul>
Capital Demand	

水安全与水处理 8/10

项目单位	镇江市水业总公司
项目名称	新区第二污水处理厂二期扩建工程
项目时间	2016-2018
主要建设内容	2 万立方米/日
所在地	镇江
技术需求	
资金需求	4800 万元

Water Safety and Water Treatment 8/10

Project Company	Zhenjiang Water Industry Co.
Project Name	Phase II Expansion Project of New Area Second Sewage Treatment Plant
Project Duration	2016-2018
Main Content of Construction	20,000 m <sup>3</sup> /day
Project Location	Zhenjiang
Technical Demand	
Capital Demand	48,000,000 RMB

水安全与水处理 9/10

项目单位	镇江市水业总公司征润州污水处理厂
项目名称	镇江市征润州污水处理厂一期提标改造及二期扩建工程
项目时间	2016-2018
主要建设内容	<ul style="list-style-type: none"> <li>◇ 一期提标改造工程，规模为 12.5 万 m<sup>3</sup>/d，出水水质由《城镇污水处理厂污染物排放标准》（GB18918-2002）的一级 B 提高至一级 A 排放；</li> <li>◇ 二期扩建工程规模为 7.5 万 m<sup>3</sup>/d，出水水质达到《城镇污水处理厂污染物排放标准》（GB18918-2002）一级 A 排放；</li> <li>◇ （3）再生水回用工程（厂内部分）规模为 4 万 m<sup>3</sup>/d，出水水质达到《城市污水再生利用景观环境用水水质》（GB18918-2002）中河道类观赏景观用水水质标准。建成后污水处理工艺为 A2/O+深度处理，本期工程不包括厂外污水管网收集系统。</li> </ul>
所在地	润州区长江路 2 号
技术需求	水污染治理技术
资金需求	

Water Safety and Water Treatment 9/10

Project Company	Zhenjiang Water Industry Co. Zhenrunzhou Sewage Treatment Plant
Project Name	Upgrade of Phase I and Expansion of Phase II
Project Duration	2016-2018
Main Content of Construction	<ul style="list-style-type: none"> <li>◇ Upgrade project of Phase I, scales to 125,000m<sup>3</sup>/d, effluent quality increases from Grade I Class B to Grade I Class A according to <i>Urban Sewage Treatment Plant Pollutant Emission Standards</i> (GB18918-2002)</li> <li>◇ Expansion project of Phase II scales to 75,000 m<sup>3</sup>/d, effluent quality shall reach Grade I Class A according to <i>Urban Sewage Treatment Plant Pollutant Emission Standards</i> (GB18918-2002)</li> <li>◇ (3) Reclaimed water reuse project (inside the plant) scales to 40,000 m<sup>3</sup>/d, effluent quality shall reach standard for landscape viewing according to <i>Urban Sewage Treatment Plant Pollutant Emission Standards</i> (GB18918-2002). The sewage treatment process reaches A2/O+ deep treatment. This project does not include sewage collection system outside the factory.</li> </ul>
Project Location	#2, Changjiang Road, Runzhou District
Technical Demand	Water pollution control technology
Capital Demand	

水安全与水处理 10/10

项目单位	江苏乐能电池股份有限公司
项目名称	电池正极材料废水处理项目
项目时间	2017
主要建设内容	建设电池正极材料生产线及废水处理
所在地	丹阳
技术需求	高氨氮废水处理工艺
资金需求	

Water Safety and Water Treatment 10/10

Project Company	Jiangsu Leneng Battery Co., Ltd.
Project Name	Battery Anode Material Wastewater Treatment Project
Project Duration	2017
Main Content of Construction	Build battery anode material production line and wastewater treatment
Project Location	Danyang
Technical Demand	High ammonia nitrogen wastewater treatment process
Capital Demand	



# 循环经济

## Circular Economy

### 循环经济 1/2

项目单位	镇江城市建设产业集团
项目名称	固体废弃物综合利用
项目时间	2016-2019
◇ 主要建设内容	<ul style="list-style-type: none"><li>◇ 以发展绿色园区为目标，依托郊区条件，初期以运输、分选、再利用、仓储为城市建设提供材料；通过研发投入、技术升级，提高再生资源生产高强度、轻量化、高耐久性新型材料能力，提高产品附加值；实现技术研发、产业化、产品检验、检测、认证能力。</li><li>◇ 以 100/200 万吨/年为初始能力建设，中远期发展目标为深化利用、产业链配套。</li><li>◇ 由行政确立建筑垃圾再利用办法，从资源收集、运输、工厂化再利用制造、再生产品使用等过程进行规范。明确垃圾产生者负担、运输收集补偿办法、再生产品质量控制及市场准入办法、建筑市场再生材料使用率。</li></ul>
所在地	镇江
技术需求	再生资源回收利用技术
资金需求	2.5 亿元

### Circular Economy 1/2

Project Company	Zhenjiang Urban Construction Industry Group
Project Name	Comprehensive Utilization of Solid Waste
Project Duration	2016-2019
Main Content of Construction	<ul style="list-style-type: none"><li>◇ Develop transport, sorting, reuse, storage to provide building material. Through investment on R&amp;D and technology upgrading, to improve the capacity of producing high-strength, lightweight, high durability new material from renewable resource, enhance added value of product. To achieve technology R&amp;D, industrialization, product testing, certification capabilities.</li><li>◇ Build in the initial capacity of 1,000,000/2,000,000 tons/year, the long-term development goal is to deepen utilization and industrial chain matching.</li><li>◇ The administrative area will establish recycling methods of construction waste, standardization processes of resource</li></ul>

	collection, transportation, factory reuse and manufacturing, and the use of recycled products. To clarify the responsibility of waste generators, transportation and collection methods, quality control and market access methods of recycled products, the use of recycled materials in construction market.
Project Location	Zhenjiang
Technical Demand	Recycling technology of renewable resources
Capital Demand	250,000,000 RMB

循环经济 2/2

项目单位	江苏国翔环保科技有限公司
项目名称	一般固废处置利用项目
项目时间	2017
主要建设内容	对污水处理厂污泥等一般固废进行处置，制成陶粒等建材。
所在地	丹阳
技术需求	污水处理厂污泥安全处置工艺
资金需求	

Circular Economy 2/2

Project Company	Jiangsu Guoxiang Environmental Protection Technology Co., Ltd.
Project Name	General Solid Waste Disposal and Utilization Project
Project Duration	2017
Main Content of Construction	Disposal of general solid waste such as sludge from sewage treatment plant, and make waste into building materials such as ceramsite.
Project Location	Danyang
Technical Demand	Safe disposal technology of sludge from sewage treatment plant
Capital Demand	

# 材料科技

## Materials Technology

### 材料科技 1/11

项目单位	江苏华夏制漆科技有限公司
项目名称	环保型低表面能耐蚀防污海工用涂料的制备和海工用涂料耐蚀防污性能提高
项目时间	2017
主要建设内容	
所在地	丹徒
技术需求	<ul style="list-style-type: none"><li>◇ 设计和合成环保型材料；</li><li>◇ 实现氧化硅气凝胶与成膜物的含量比例的优化；</li><li>◇ 3) 调控环保型涂料的制备参数以及其对涂料性质影响的协同效应的规律；</li><li>◇ 分析检测涂料的环保型低表面能耐蚀的性能</li></ul>
资金需求	300 万元

### Materials Technology 1/11

Project Company	Jiangsu Huaxia Paint Technology Co., Ltd.
Project Name	Preparation and Performance Improvement of Environmentally Friendly Low Surface Energy Corrosion Resistance & Antifouling Marine Coatings
Project Duration	2017
Main Content of Construction	
Project Location	Dantu
Technical Demand	<ul style="list-style-type: none"><li>◇ Design and synthesis of environmentally friendly materials</li><li>◇ Optimize the content ration of silica aerogels and film forming materials</li><li>◇ Regulate and control the preparation parameters of environmentally friendly coatings, and its synergistic effect on the properties of coatings</li><li>◇ Analysis and test the low surface energy corrosion resistance performance of coatings</li></ul>
Capital Demand	3,000,000 RMB

材料科技 2/11

项目单位	江苏万源新材料有限公司
项目名称	石墨烯材料复合铝箔在换热材料上的应用
项目时间	2017
主要建设内容	
所在地	丹徒
技术需求	石墨烯混合在丙烯酸或环氧涂料中用在制冷换热设备中提高换热设备的能效，减少换热面积，缩小换热设备的体积，降低制冷剂的用量，降低压缩机的能耗。
资金需求	50 万元

Materials Technology 2/11

Project Company	Jiangsu Wanyuan New Material Co., Ltd.
Project Name	Application of Graphene Compositied Aluminum Foil in Heat Transfer Materials
Project Duration	2017
Main Content of Construction	
Project Location	Dantu
Technical Demand	Application of mixed graphene into acrylic acid or epoxy coatings in refrigeration and heat transfer equipment, to improve the energy efficiency of heat transfer equipment, to reduce heat transfer area, to reduce the volume of equipment, to reduce the use of refrigerant, to reduce energy consumption of the compressor
Capital Demand	500,000 RMB

材料科技 3/11

项目单位	江苏茴香豆网络科技有限公司
项目名称	石墨烯印刷技术
项目时间	2017
主要建设内容	
所在地	京口
技术需求	响应性石墨烯新材料的关键制备技术，一种新颖商品溯源系统的产业化应用
资金需求	300 万元

Materials Technology 3/11

Project Company	Jiangsu Huixdou Network Technology Co., Ltd.
Project Name	Graphene Printing Technology
Project Duration	2017
Main Content of Construction	
Project Location	Jingkou
Technical Demand	Key preparation technology of reactive graphene materials, a industrial application of product traceability system
Capital Demand	3,000,000 RMB

材料科技 4/11

项目单位	江苏鼎盛新能源材料股份有限公司
项目名称	铸轧生产复合箔
项目时间	2017
主要建设内容	
所在地	京口
技术需求	开发出冷轧法生产复合箔
资金需求	5000 万元

Materials Technology 4/11

Project Company	Jiangsu Dingsheng New Energy Materials Co., Ltd
Project Name	Roll Casting Produce of Composite Foil
Project Duration	2017
Main Content of Construction	
Project Location	Jingkou
Technical Demand	Develop cold rolling method to produce composite foil
Capital Demand	50,000,000 RMB

材料科技 5/11

项目单位	江苏科捷锂电池有限公司
项目名称	高压实动力储能三元正极材料； 高电压动力三元正极材料
项目时间	长期
主要建设内容	
所在地	京口
技术需求	◇ 高压实动力储能三元正极材料 ◇ 高电压动力三元正极材料
资金需求	500 万元

Materials Technology 5/11

Project Company	Jiangsu Kejie Lithium Battery Co., Ltd.
Project Name	Ternary Anode Material for High Voltage Power Storage; Ternary Anode Material for High Voltage Power Unit
Project Duration	Long-term
Main Content of Construction	
Project Location	Jingkou
Technical Demand	◇ Ternary anode material for high voltage power storage; ◇ Ternary anode material for high voltage power unit
Capital Demand	5,000,000 RMB



材料科技 6/11

项目单位	镇江市松协电器有限公司
项目名称	超低温粘合剂
项目时间	长期
主要建设内容	
所在地	京口
技术需求	在超低温情况（-60 到-40 摄氏度）保持粘合剂活性，能粘住泡沫棉和塑料
资金需求	100 万元

Materials Technology 6/11

Project Company	Zhenjiang Songxie Electrical Equipment Co., Ltd.
Project Name	Adhesive in Ultra-low Temperature
Project Duration	Low-term
Main Content of Construction	
Project Location	Jingkou
Technical Demand	Adhesive that can maintain activity in ultra-low temperature (-60 to -40°C) that can stick foam cotton and plastic
Capital Demand	1,000,000 RMB

材料科技 7/11

项目单位	江苏永沃新能源科技有限公司
项目名称	纳米碳化活化制备技术等
项目时间	2017
主要建设内容	
所在地	润州
技术需求	纳米碳化活化制备技术等
资金需求	1000 万元

Materials Technology 7/11

Project Company	Jiangsu Yongwo New Energy Technology Co., Ltd.
Project Name	Nano-carbonization Activation Preparation Technology
Project Duration	2017
Main Content of Construction	
Project Location	Runzhou
Technical Demand	Nano-carbonization activation preparation technology
Capital Demand	10,000,000 RMB

材料科技 8/11

项目单位	江苏凯德电控科技有限公司
项目名称	高精度密封材料
项目时间	2017
主要建设内容	
所在地	润州
技术需求	在超低温环境下（-40-60 摄氏度）能防水密封
资金需求	100 万元

Materials Technology 8/11

Project Company	Jiangsu Kaide Electronic Control Technology Co., Ltd
Project Name	High-precision Sealing Material
Project Duration	2017
Main Content of Construction	
Project Location	Runzhou
Technical Demand	Waterproof sealing material in ultra-low temperature (-60 to -40°C)
Capital Demand	1,000,000 RMB

材料科技 9/11

项目单位	江苏晶至科技制衣有限公司
项目名称	防核辐射面料技术与应用
项目时间	2017
主要建设内容	
所在地	润州
技术需求	防核辐射面料技术与应用
资金需求	100 万元

Materials Technology 9/11

Project Company	Jiangsu Jingzhi Technology Garment Co., Ltd.
Project Name	Anti-nuclear Radiation Fabric Technology and Application
Project Duration	2017
Main Content of Construction	
Project Location	Runzhou
Technical Demand	Anti-nuclear radiation fabric technology and application
Capital Demand	1,000,000 RMB

材料科技 10/11

项目单位	江苏永沃新能源科技有限公司
项目名称	纳米碳化活化制备技术等
项目时间	2017
主要建设内容	
所在地	润州
技术需求	2016 年 12 月前，研制出极性材料，并确保能够小批量试生产
资金需求	1000 万元

Materials Technology 10/11

Project Company	Jiangsu Yongwo New Energy Technology Co., Ltd.
Project Name	Nano-carbonization Activation Preparation Technology
Project Duration	2017
Main Content of Construction	
Project Location	Runzhou
Technical Demand	Develop polar materials and ensure small quantity trial production before December 2016
Capital Demand	10,000,000 RMB

材料科技 11/11

项目单位	镇江迪博新材料科技有限公司
项目名称	100 吨/年石墨烯研发与生产
项目时间	2017
主要建设内容	一期年产 50 吨生产线
所在地	镇江新区
技术需求	
资金需求	2000 万元

Materials Technology 11/11

Project Company	Zhenjiang Dibo New Material Technology Co., Ltd.
Project Name	Graphene R&D and Production of 100 tons/year
Project Duration	2017
Main Content of Construction	Production line of 50 tons/year for Phase I
Project Location	Zhenjiang New Area
Technical Demand	
Capital Demand	20,000,000 RMB

# 智能技术

## Intelligent Technology

智能技术 1/3

项目单位	镇江市水业总公司
项目名称	污水处理厂及泵站无人化值守
项目时间	2016-2018
主要建设内容	建设检测、监视、控制设备及应用控制软件系统
所在地	镇江
技术需求	先进的检测、监视、控制设备及优化的应用控制软件系统
资金需求	1000 万元

Intelligent Technology 1/3

Project Company	Zhenjiang Water Industry Co.
Project Name	Unmanned Guard of Sewage Treatment Plants and Pumping Stations
Project Duration	2016-2018
Main Content of Construction	Build detection, monitoring ,control equipment and application control system
Project Location	Zhenjiang
Technical Demand	Advanced detection, monitoring ,control equipment and application control system
Capital Demand	10,000,000 RMB

智能技术 2/3

项目单位	江苏锐天信息科技有限公司
项目名称	基于大数据驱动的装备故障诊断/预测与健康管理系统
项目时间	长期
主要建设内容	
所在地	京口
技术需求	本项目的重点解决对象： <ul style="list-style-type: none"> <li>◇ 信息感知、状态监测和数据采集</li> <li>◇ 特征识别、选择和融合</li> <li>◇ 状态监测</li> <li>◇ 健康评估</li> <li>◇ 故障预测决策</li> </ul>
资金需求	2000 万元

Intelligent Technology 2/3

Project Company	Jiangsu Ruitian Information Technology Co., Ltd
Project Name	Equipment Fault Diagnosis/Forecasting and Health Management System Based on Big Data
Project Duration	Long-term
Main Content of Construction	
Project Location	Jingkou
Technical Demand	<ul style="list-style-type: none"> <li>◇ Information perception, statue monitoring and data collection</li> <li>◇ Feature recognition, selection and fusion</li> <li>◇ Statues monitoring</li> <li>◇ Health assessment</li> <li>◇ Fault prediction</li> </ul>
Capital Demand	20,000,000 RMB



## 智能技术 3/3

项目单位	镇江兴港国际物流有限公司
项目名称	基于云平台的多式联运物联网应用技术研究
项目时间	2016-2018
主要建设内容	<ul style="list-style-type: none"> <li>◇ 多式联运模式优化研究；</li> <li>◇ 多式联运云服务平台设计；</li> <li>◇ 多式联运物流感知系统应用研究；</li> <li>◇ 多式联运现代标准体系研究</li> </ul>
所在地	镇江新区
技术需求	<ul style="list-style-type: none"> <li>◇ 提出多式联运模式优化方法；</li> <li>◇ 利用物联网、云计算等技术，设计构建多式联运云服务平台；</li> <li>◇ 基于物联网技术，研究设计相关感知系统；</li> <li>◇ 研究进一步完善多式联运技术标准体系的方法和途径。</li> </ul>
资金需求	2800 万元

## Intelligent Technology 3/3

Project Company	Zhenjiang Xinggang International Logistics Co., Ltd.
Project Name	Research on Cloud Platform Based Transmodality Network Application
Project Duration	2016-2018
Main Content of Construction	<ul style="list-style-type: none"> <li>◇ Research on optimization of transmodality mode</li> <li>◇ Design transmodality cloud service platform</li> <li>◇ Research on transmodality logistics perception system application</li> <li>◇ Research on transmodality modern standard system</li> </ul>
Project Location	Zhenjiang New Area
Technical Demand	<ul style="list-style-type: none"> <li>◇ Propose optimization method for transmodality mode</li> <li>◇ Design and build transmodality cloud service platform by using IOT and cloud computing</li> <li>◇ Research and design relevant perception system based on IOT</li> <li>◇ Research new method to perfect standard system of transmodality</li> </ul>
Capital Demand	28,000,000 RMB

## 清洁能源

## Clean Energy

### 清洁能源 1/6

项目单位	镇江城市建设产业集团
项目名称	韦岗温泉小镇地热资源综合利用（暂定项目名）
项目时间	2017-2020
主要建设内容	<p>低温地热，由于温度适宜、清洁无污染、富含多种对人体有益的矿物质，而用途十分广泛：</p> <ul style="list-style-type: none"><li>◇ 医疗保健方面。地热水属于中低温热矿水，富含锂、氟、氡、偏硼酸、偏硅酸等多种矿物质，有一定的医疗、保健、养生作用，经常用热矿水进行洗浴，对高血压、冠心病、心脑血管病、风湿病、皮肤病等有一定疗效；</li><li>◇ 娱乐、旅游方面。依托温泉浴疗，可以开发游泳馆、嬉水乐园、康乐中心、会议中心、疗养中心、温泉饭店、温泉度假村、高级宾馆等一系列娱乐旅游项目，也可以用来发展旅游农业。</li></ul>
所在地	镇江
技术需求	清洁能源技术、能源管网技术
资金需求	20 亿元

### Clean Energy 1/6

Project Company	Zhenjiang Urban Construction Industry Group
Project Name	Comprehensive Utilization of Geothermal in Weigang Hot Spring Town (tentative)
Project Duration	2017-2020
Main Content of Construction	<p>Low temperature geothermal, due to suitable temperature, clean and pollution-free, rich in minerals beneficial to human body, which has been widely used :</p> <p>Health care. Geothermal water is low-temperature hot mineral water, rich in lithium, fluorine, radon, meta-boric acid, partial silicate and other minerals, which have certain medical, health effects. Geothermal water has certain effect in cure of hypertension, coronary heart disease, cardiovascular and cerebrovascular disease, rheumatism and skin diseases.</p> <p>Entertainment and tourism. Relying on the hot spring, can develop swimming pool, leisure park, recreation center, conference center, convalescent center, spa hotels, spa resorts,</p>

	luxury hotels and other entertainment tourism projects to develop tourism agriculture.
Project Location	Zhenjiang
Technical Demand	Clean energy technology, energy pipe network technology
Capital Demand	2,000,000,000 RMB

清洁能源 2/6

项目单位	镇江交通产业集团
项目名称	镇江热力能源建设项目
项目时间	2017-2020
主要建设内容	镇江热力能源供应方式，围绕“多能互补、网源互补”的设计原则，采取多能互补能源总线的方式是非常可行的方案，能有效降低能耗水平，比传统方式降低 15%左右。以能源总线的方式供能，以分布式供能系统可作为能源总线的有效补充，受益于能源总线的供能特点，分布式供能系统在冬季的效率得到极大改善，整体能源利用效率又进一步得到提升。
所在地	镇江
技术需求	清洁能源技术、能源管网技术
资金需求	18 亿元

Clean Energy 2/6

Project Company	Zhenjiang Transportation Industry Group
Project Name	Zhenjiang Energy Construction Project
Project Duration	2017-2020
Main Content of Construction	Zhenjiang energy supply mode: in the design principle of "multi energy complementation, multi source complementation", to effectively reduce the energy consumption, which is 15% lower than traditional way. Provide energy through energy bus, and use distributed energy system for complement of energy bus. Benefit from the mode of energy bus, efficiency of distributed energy system will be greatly improved in winters, which leads to a further raise in overall energy efficiency.
Project Location	Zhenjiang
Technical Demand	Clean energy technology, energy pipe network technology
Capital Demand	1,800,000,000 RMB

清洁能源 3/6

项目单位	江苏恒顺醋业股份有限公司
项目名称	醋糟综合利用发电项目
项目时间	2017
主要建设内容	醋糟预处理系统，醋糟焚烧发电系统，污染物处理系统
所在地	丹徒新城
技术需求	生物质发电技术
资金需求	1.5 亿元

Clean Energy 3/6

Project Company	Jiangsu Hengshun Vinegar Industry Co., Ltd
Project Name	Comprehensive Utilization of Vinegar Residue for Power Generation
Project Duration	2017
Main Content of Construction	Vinegar residue pretreatment system, vinegar residue incineration power generation system, pollutant control system
Project Location	Dantu New Town
Technical Demand	Biomass power generation technology
Capital Demand	150,000,000 RMB

清洁能源 4/6

项目单位	江苏海雷德蒙新能源有限公司
项目名称	能源塔热泵系统抗冻剂性能改进提高
项目时间	2017
主要建设内容	
所在地	丹徒
技术需求	<ul style="list-style-type: none"> <li>◇ 能源塔热泵系统，提高冬季使用时所用的抗冻剂的性能（冰点、比热、密度、兑水比例、抗腐蚀、传热性能和挥发性等）</li> <li>◇ 抗冻剂的性能检测</li> <li>◇ 能源塔热泵系统冬季运行过程中抗冻剂溶剂的密度和浓度</li> <li>◇ 能源塔热力性能试验的技术和检测单位。</li> </ul>
资金需求	2000 万元

Clean Energy 4/6

Project Company	Jiangsu Halidom New Energy Co., Ltd.
Project Name	Performance Improvement of Antifreeze for Heat Pump System in Energy Tower
Project Duration	2017
Main Content of Construction	
Project Location	Dantu
Technical Demand	<ul style="list-style-type: none"> <li>◇ Improve antifreeze performance (freezing point, specific heat, density, water ratio, corrosion resistance, heat transfer performance and volatile, etc.) in winter for energy tower heat pump system</li> <li>◇ Performance testing of antifreeze</li> <li>◇ Density and concentration of the antifreeze solvent in winter</li> <li>◇ Thermal performance test technology and testing equipment</li> </ul>
Capital Demand	20,000,000 RMB

清洁能源 5/6

项目单位	江苏海克力斯电力科技有限公司
项目名称	光伏电站实用技术以及充电网络平台建设
项目时间	2017
主要建设内容	<ul style="list-style-type: none"> <li>◇ 一期在环太厂区屋顶建设 3.68MW 光伏电站；</li> <li>◇ 二期在环太渔乐园湖面建设 6MW 渔光互补光伏电站；</li> <li>◇ 三期在吉星厂区屋顶建设 2.3MW 光伏电站；</li> </ul>
所在地	扬中
技术需求	太阳能光伏发电技术
资金需求	1000 万元

Clean Energy 5/6

Project Company	Jiangsu Heracles Electric Power Technology Co. Ltd.
Project Name	Practical Technology of PV Power Plant and Construction of Charging Network Platform
Project Duration	2017
Main Content of Construction	<p>Phase I: build 3.68 MW PV power plant on roofs of buildings in Huantai Factory area</p> <p>Phase II: build 6 MW Fishing-PV power plant over the lake in Huantai Fishing Park</p> <p>Phase III: build 2.3 MW PV power plant on roofs of buildings in Jixing Factory area</p>
Project Location	Yanzhong
Technical Demand	Solar PV power generation technology
Capital Demand	10,000,000 RMB

清洁能源 6/6

项目单位	镇江毅达光伏发电有限公司
项目名称	丹徒区高资镇 15MW 地面光伏电站
项目时间	2017
主要建设内容	地面光伏电站、SVG 控制室所在地
所在地	
技术需求	
资金需求	50 万元

Clean Energy 6/6

Project Company	Zhenjiang Yida PV Power Generation Co., Ltd
Project Name	15 MW Ground PV Power Station in Gaozi Town, Dantu
Project Duration	2017
Main Content of Construction	Ground PV power plant, SVG control room
Project Location	Gaozi Town, Dantu
Technical Demand	
Capital Demand	500,000 RMB



## 智能电网/储能

### Smart Grid/Energy Storage

智能电网/储能 1/1

项目单位	力信（江苏）能源科技有限责任公司
项目名称	年产 30 亿瓦时锂离子动力电池及配套项目
项目时间	2016-2017
主要建设内容	锂电池研发和生产
所在地	镇江新区
技术需求	锂电池生产和相关配套技术
资金需求	

Smart Grid/Energy Storage 1/1

Project Company	Lixin (Jiangsu) Energy Technology Co., Ltd
Project Name	3000 MW/year Lithium-ion Power Battery and Supporting Facility Project
Project Duration	2016-2017
Main Content of Construction	R&D and production of Lithium battery
Project Location	Zhenjiang New Area
Technical Demand	Lithium battery production and related supporting technologies
Capital Demand	

## 清洁与可持续交通

### Clean and Intelligent Transportation

清洁与可持续交通 1/6

项目单位	镇江交通产业集团
项目名称	镇江市现代有轨电车一号线
项目时间	2018-2025
主要建设内容	镇江市现代有轨电车 1 号线工程地点位于镇江城际站，终点 圃山路站，线路全长约 32.5km，共设 27 座车站。它是镇江老城区与新区快速联系的公共交通线路，对于解决主城区居民出行、引导沿线土地开发、实现产业升级方面具有相对优势。
所在地	镇江
技术需求	清洁交通技术
资金需求	40 亿元

Clean and Intelligent Transportation 1/6

Project Company	Zhenjiang Transportation Industry Group
Project Name	Zhenjiang Modern Tram Line 1
Project Duration	2018-2025
Main Content of Construction	Project site of Zhenjiang modern tram Line 1 starts from Zhenjiang Intercity Station, terminates at Chuishan Road Station, line length of about 32.5 km, 27 stops in total. It a public transportation line connects old town and new area of Zhenjiang , which have advantages in providing trip convenience, guiding land development along the line and industrial upgrading.
Project Location	Zhenjiang
Technical Demand	Clean Transportation Technology
Capital Demand	4,000,000,000 RMB

清洁与可持续交通 2/6

项目单位	江苏金海星导航科技有限公司
项目名称	船舶防碰撞监控管理方式研究，达到船舶安全监管
项目时间	2017
主要建设内容	
所在地	京口
技术需求	船舶监控管理系统
资金需求	500 万元

Clean and Intelligent Transportation 2/6

Project Company	Jiangsu Jinhaixing Navigation Technology Co., Ltd
Project Name	Research on Control Management in Ship Collision Prevention for Ship Safety Monitoring
Project Duration	2017
Main Content of Construction	
Project Location	Jingkou
Technical Demand	Ship monitoring and management system
Capital Demand	5,000,000 RMB

清洁与可持续交通 3/6

项目单位	镇江市交通运输局
项目名称	镇江绿色交通运输综合展馆
项目时间	2017
主要建设内容	展现的是国家、行业、省、市以及专题的绿色循环低碳交通运输体系建设理念、实现路径和取得成效
所在地	镇江
技术需求	展馆建设面积 980m <sup>2</sup> ，内有 3 个展区，方案设计包括展板、展台、4 个沙盘，16 个模型或实物展示，10 个视频触摸屏，1 个放映厅
资金需求	项目包括展馆方案设计、施工图设计和施工，资金需求约 800 万元

Clean and Intelligent Transportation 3/6

Project Company	Zhenjiang Transportation Bureau
Project Name	Zhenjiang Green Transportation Complex Exhibition Hall
Project Duration	2017
Main Content of Construction	Demonstrate the construction concept, method and results of national, industrial, provincial, municipal and thematic green recycling low-carbon transportation system
Project Location	Zhenjiang
Technical Demand	Construction area of the exhibition hall is 980 m <sup>2</sup> , including 3 exhibition areas. It is designed to include exhibition board, booths, 4 sand tables, 16 displays of models or real objects, 10 video touch screens and 1 screening hall
Capital Demand	8,000,000 RMB, including plan designing, work drawing designing, and construction

项目单位	江苏金海星导航科技有限公司
项目名称	水上交通云平台
项目时间	2017
主要建设内容	<p>智慧航运云平台</p> <p>◇ 平台原理： 平台采用无线数据通讯技术的大规模应用于船舶监控管理并成功运营的系统。通过 BDS+3G+GIS+Internet+MIS+AIS+雷达+传感器等多种技术的创新与结合，来实现对船舶的精确定位、违规报警、事件回放、规则设定、图像传输、手机查询、碰撞触警、运营分析、绩效统计和管理决策支持等方面对船舶进行监管。</p> <p>◇ 平台特色：</p> <ul style="list-style-type: none"> <li>➢ 机舱监测：实时掌握船舶机舱运营数据，有效掌握船舶能耗</li> <li>➢ 船舶载重：通过传感器的应用，实现实时掌握船舶运载能力</li> <li>➢ 船舶航行预警：通过多源信号融合来实现船舶实时动态数据监控，为船舶运输企业提供航线规划、航行预警，减少安全事故，降低运行成本</li> <li>➢ 水路联运：通过平台，车辆驾驶人员可通过移动端实时了解汽车轮渡排队时间，可预先规划路线，节省油耗，降低运输费用</li> </ul> <p>◇ 船载产品特色：</p> <ul style="list-style-type: none"> <li>➢ 基于北斗的高精度定位终端（厘米级定位）</li> <li>➢ 信息互动（终端可与平台信息交互，查询货源信息，船舶运行数据）</li> <li>➢ 远程监测、诊断、控制船舶运行</li> <li>➢ 数据互联：可与船载雷达、AID、传感器设备实时数据对接</li> </ul> <p>◇ 项目效益：</p> <ul style="list-style-type: none"> <li>➢ 油耗：通过航线规划、驾驶行为管理，可有效降低油耗成本</li> <li>➢ 机舱管理：通过金海星船载终端实时收集船舶发动机、电气设备运行状态，实时给出诊断依据，减低运行成本。</li> <li>➢ 船舶空驶率：通过云平台可实现，货找船、船找货，降低船舶空载率，提高船舶运载能力</li> <li>➢ 安全保障：通过平台大数据分析，可实现对船舶航</li> </ul>

	<p>行事前、事中、事后提供决策分析，减少事故率，降低事故成本</p> <ul style="list-style-type: none"> <li>➤ 运营管理：通过平台大数据分析，为航运企业实现船舶营运的智慧管理，降低管理成本</li> </ul>
所在地	镇江
技术需求	<ul style="list-style-type: none"> <li>◇ 终端设备研发</li> <li>◇ 软件平台升级</li> <li>◇ 机房建设</li> <li>◇ 运行中心建设</li> </ul>
资金需求	1000 万元

#### Clean and Intelligent Transportation 4/6

Project Company	Jiangsu Jinhaixing Navigation Technology Co., Ltd
Project Name	Water Traffic Cloud Platform
Project Duration	2017
Main Content of Construction	<p>Intelligent shipping cloud platform</p> <ul style="list-style-type: none"> <li>◇ principle: <p>The platform applies large-scale wireless data communication technology to ship monitoring management system and successful operated. Through the innovation and integration of BDS+3G+GIS+Internet+MIS+AIS+radar+sensors and other technologies, to monitor ships by fulfilling pinpoint of ships, violation warning, event playback, rule setting, image transmission, mobile phone inquiry, collision alarm, operation analysis, performance statistics and management decision support.</p> </li> <li>◇ platform features: <ul style="list-style-type: none"> <li>➤ Engine room monitoring: Real-time collection of operation data of ship engine room, effectively control ship energy consumption</li> <li>➤ Ship load: Apply sensors to real-time monitor ship carrying capacity</li> <li>➤ Navigation early warning: Integrate multi-source signals to real-time monitor dynamic data, to provide route planning and navigation early warning for shipping enterprises, to reduce accidents and operation cost</li> <li>➤ Land-sea transmodality: Vehicle drivers can get real-time queuing time of motor car ferry on mobile terminals. They can also pre-plan routes, save fuel and transportation costs</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>◇ Product features: <ul style="list-style-type: none"> <li>➤ High precision positioning terminal based on Beidou Navigation Satellite System (centimeter-sized positioning)</li> <li>➤ Information exchange (terminals can exchange information with platform, to query goods information and ship operation data)</li> <li>➤ Remote monitoring, diagnosis and control of ship sailing</li> <li>➤ Data interconnection: can interface with shipborne radar, AID, sensors with real-time data</li> </ul> </li> <li>◇ Project benefit: <ul style="list-style-type: none"> <li>➤ Fuel consumption: through route planning and management of driving behavior, can effectively reduce fuel consumption costs</li> <li>➤ Engine room management: Jinhaixing shipborne terminals can real-timely collect operation statuses of engine and electrical equipment. Give real-time diagnosis to reduce operating costs</li> <li>➤ Empty-loaded Rate: through the cloud platform, to provide goods-find-ship and ship-find-goods function, to reduce ship empty-loaded rate, improve ship carrying capacity</li> <li>➤ Safety: through big data analysis, to provide decision-making analysis before, during and after the sailing, to reduce accident rate and costs</li> <li>➤ Operation management: through big data analysis, to provide intelligent management to shipping enterprises, to reduce management costs</li> </ul> </li> </ul>
Project Location	Zhenjiang
Technical Demand	<ul style="list-style-type: none"> <li>◇ R&amp;D of terminal equipment</li> <li>◇ Upgrade software platform</li> <li>◇ Construction of computer room</li> <li>◇ Construction of operation center</li> </ul>
Capital Demand	10,000,000 RMB

清洁与可持续交通 5/6

项目单位	镇江市交通运输局
项目名称	现代有轨电车 1 号线
项目时间	2017-2020
主要建设内容	有轨电车 1 号线起点城际站, 终点大港枢纽站, 线路全长 32.5 公里, 分为城区段和市郊段。城区段起点城际站, 讫点丁卯双子楼, 线路长度 12.5km; 市郊段地点丁卯双子楼, 讫点大港枢纽站, 线路长度 20km, 全程共设 27 个车站, 其中城区段 14 个, 市郊段 13 个。计划先期建设有轨电车 1 号线城区段作为首期工程。
所在地	镇江
技术需求	合理路线选择、敷设方式、站点选择及开发模式、与其他交通方式的衔接、供电制式选择等。
资金需求	首期工程: 19 亿元 全线: 40.4 亿元

Clean and Intelligent Transportation 5/6

Project Company	Zhenjiang Transportation Bureau
Project Name	Modern Tram Line 1
Project Duration	2017-2020
Main Content of Construction	Tram Line 1 starts from Intercity Station, terminates at Dagang Junction Station, line length of 32.5 km, divided into urban section (14 stops) and suburb section (13 stops). Urban section starts from Intercity Station, terminates at Dingmao Twin Building Station, line length of 12.5 km. Suburb section starts from Dingmao Twin Building Station, terminates at Dagang Junction Station, line length of 20 km. Plans to build urban section of Tram Line 1 as Phase I.
Project Location	Zhenjiang
Technical Demand	Reasonable route choice, laying mode, station site selection and development mode, connection with other transportation systems, power supply selection, etc..
Capital Demand	1,900,000,000 RMB for Phase I 4,040,000,000 RMB for the whole project



清洁与可持续交通 6/6

项目单位	江苏大门吡科技有限公司
项目名称	“空巴通”联运
项目时间	2015-2020
主要建设内容	以“空巴通”项目服务为切入点，实现范围内的综合运输一体化出行方案，实现道路运输企业的信息化系统管理，形成航空、铁路和道路旅客运输“零换乘”的无缝对接
所在地	镇江
技术需求	
资金需求	1000 万元

Clean and Intelligent Transportation 6/6

Project Company	Jiangsu Damena Technology Co., Ltd
Project Name	"Airline-Bus Pass" Transmodality
Project Duration	2015-2020
Main Content of Construction	Breakthrough the point of "Airline-Bus Pass" project, to carry out an integrated transport solution in a certain area. To achieve informationization system management of transport enterprises. To form a "zero transfer" joint among airlines, railways and road transportations.
Project Location	Zhenjiang
Technical Demand	
Capital Demand	10,000,000 RMB

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