

泰达绿色发展之路

Going Beyond: Pathway to a Green TEDA



TEDA ECO CENTER

Dec. 2013

主要内容 Content

一、泰达概况 General Introduction to TEDA

二、泰达绿色发展经验 TEDA's Experience in Green Development

三、建立低碳发展促进平台 Low Carbon Promotion Platform

四、低碳园区建设目标 Targets in Low Carbon Development

一、泰达概况 General Introduction to TEDA



TEDA——Tianjin Economic-technological Development Area

1984年12月正式成立

Established in December, 1984

首批国家级经济开发区

First batch of national-level economic development zones

商务部投资环境评价“十五连冠”

15 consecutive champions in investment environment evaluation by MOFCOM



一、泰达概况 General Introduction to TEDA

2012:

9大支柱产业（医药、电子、食品饮料等）

9 pillar industries including electronics & communication, machinery manufacture, pharmaceutical, food & beverages etc

78家世界500强企业在泰达投资166个项目

78 of the Fortune 500 companies invested in 166 projects in TEDA

5156家外资企业, 9462家内资企业

5156 foreign invested companies and 9462 domestic invested companies

地区生产总值2200亿元, 工业总产值7117亿:

GDP: 220 billion RMB

Industrial Output: 711.7 billion RMB



二、泰达绿色发展经验 TEDA's Experience in Green Development

ISO14000国家示范园区（2000年）

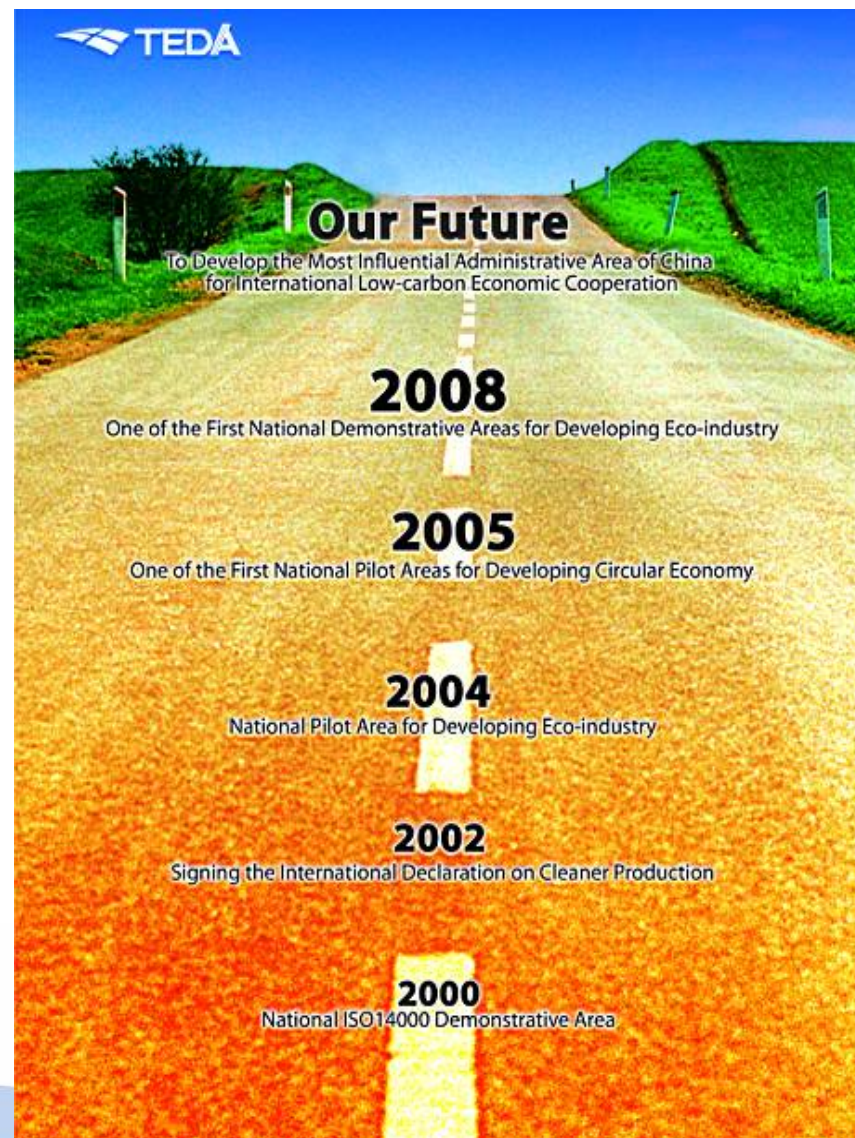
签署国际清洁生产宣言（2002年）

创建国家生态工业示范园区（2004年）

国家首批循环经济试点园区（2005年）

国家生态工业示范园（2008年）

国家循环化改造示范试点园区（2012年）



二、泰达绿色发展经验 TEDA's Experience in Green Development

基础设施生态化 Eco Infrastructure



供燃气Gas :
282.8万立方米/天



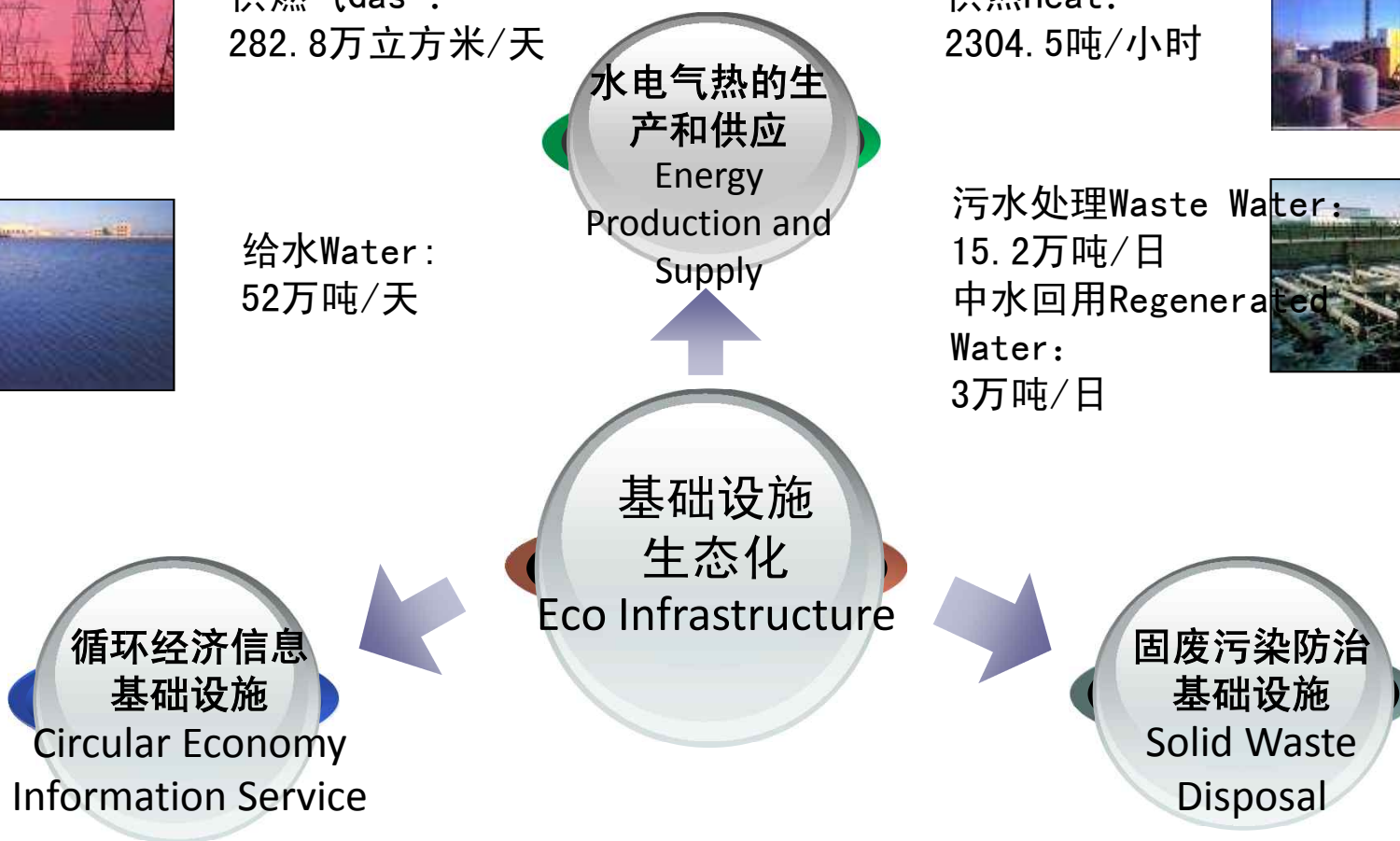
给水Water :
52万吨/天



供热Heat :
2304.5吨/小时



污水处理Waste Water :
15.2万吨/日
中水回用Regenerated
Water :
3万吨/日



二、泰达绿色发展经验 TEDA's Experience in Green Development

产业生态化 Industrial ecological development

企业层面 For Enterprise

240 家企业通过ISO14001体系
240 companies passed ISO14001

67家企业开展清洁生产审核，
33家企业开展能源审计
67 companies implemented Cleaner
Production Verification, 33 companies
participated in Energy Audit



ISO14001 training



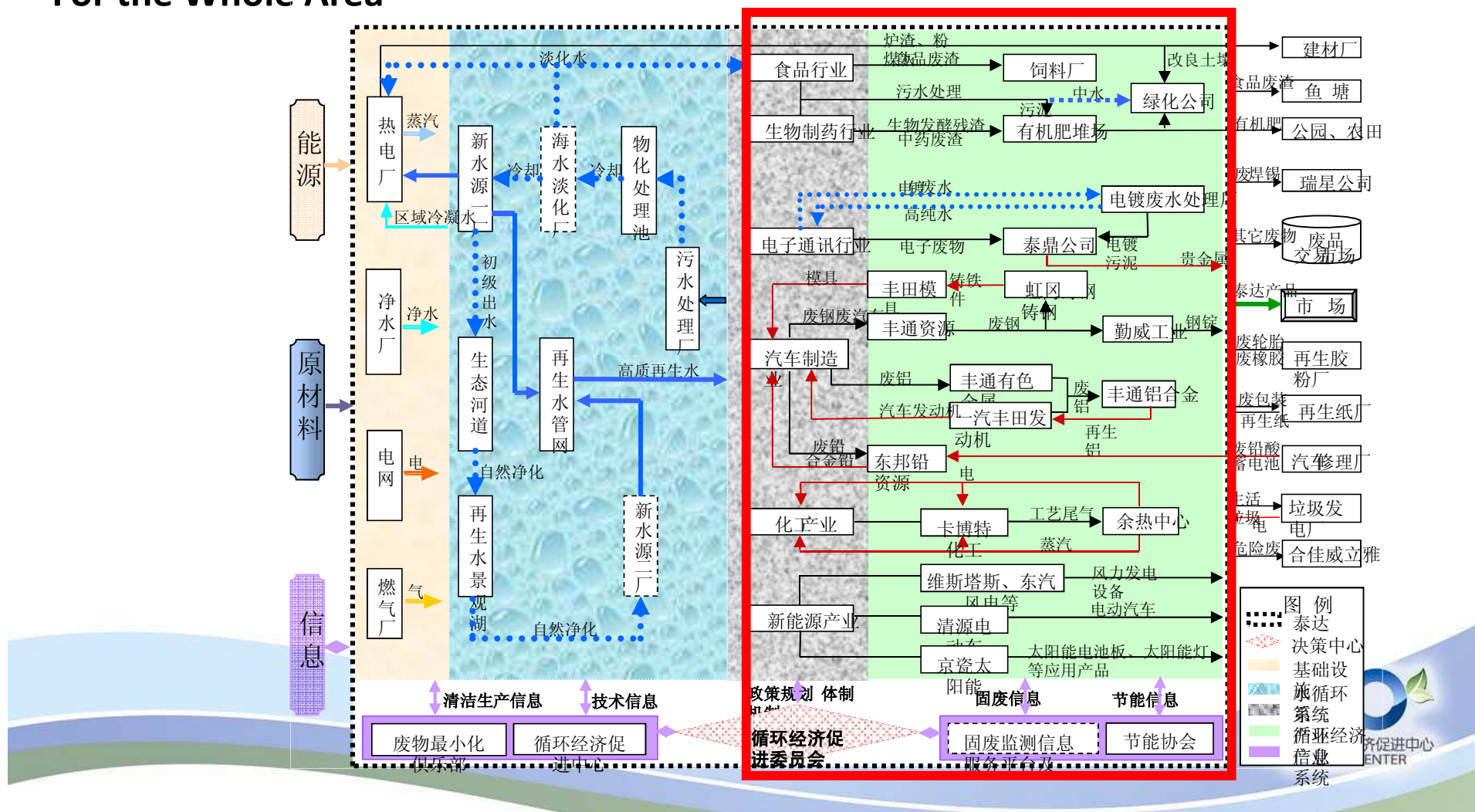
Clean Production auditing training

二、泰达绿色发展经验 TEDA's Experience in Green Development

产业生态化 Industrial ecological development

区域层面
For the Whole Area

天津开发区发展循环经济示意图



二、泰达绿色发展经验 TEDA's Experience in Green Development

政策支持 Policy and Incentives

出台了一整套鼓励节能降耗、生态环保、发展循环经济的政策支撑体系。

发布天津经济技术开发区节能降耗、环境保护重点鼓励项目名录（第四批）

Measures to facilitate energy saving and environmental Protection Projects
(with total budget of 100 Millions RMB/year)

Binhai New Area policies:

160 millions Yuan

400 projects

	2008	2009	2010
Amount of subsidies for energy-saving class project (ten thousand Yuan)	435.37	2659.67	1719.95
Environmental protection projects on the amount of subsidy (ten thousand Yuan)	1279.65	3349.45	3817.93

三、建立低碳发展促进平台 Low Carbon Promotion Platform



资助方 泰达管委会
Sponsor TEDA Administrative Committee
成立时间 2010年3月23日
Date of Establishment 23rd, March, 2010
非营利组织
Non-Profit Organization



三、建立低碳发展促进平台 Low Carbon Promotion Platform



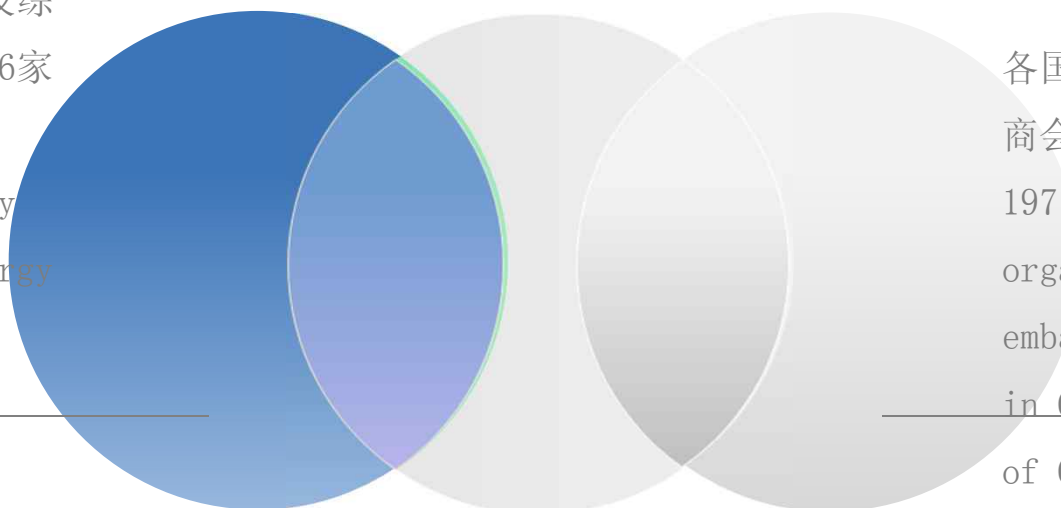
三、建立低碳发展促进平台 Low Carbon Promotion Platform

Clean-tech Industry

节能环保技术、产品及综合解决方案供应商1576家
1576 enterprises providing Technology and Solution in Energy Conservation & Environmental Protection

International Resources

各国使馆、驻华代表处、NGO、商会等国际合作机构197家
197 International organization including embassies, representative in China, NGO, Chambers of Commence



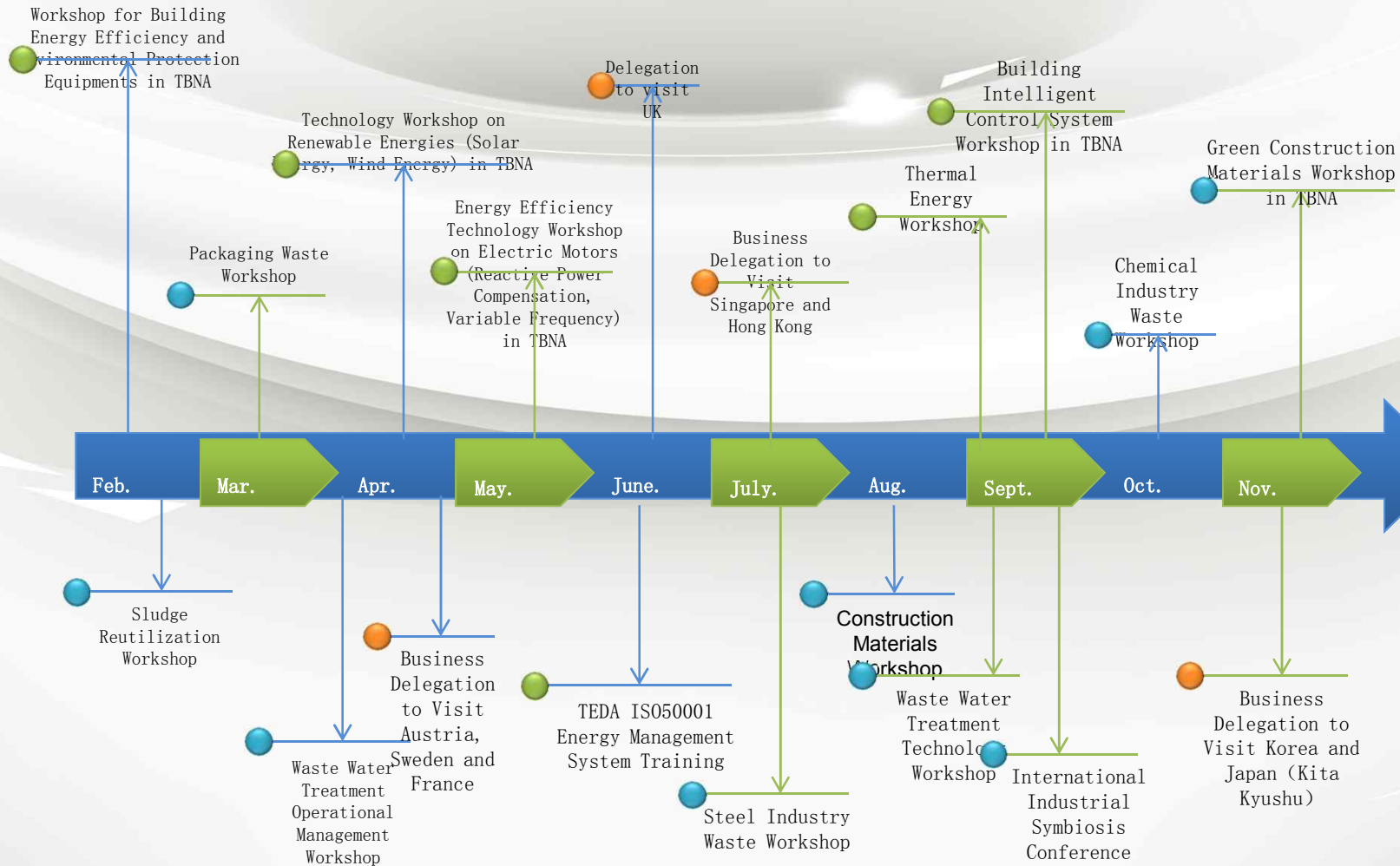
Tianjin Local Market

天津需求市场

覆盖天津市高耗能产业、主要基建、用能大户、主要公建等

Covering the High-Energy Consumption Clusters, Main Infrastructure, Main Energy-Consumption Enterprises and Main Public Buildings

TEDA Eco Center 2012 Business Match-making Activities Plan for Low Carbon Technologies



● Contact Person: Mrs. Wu Da 66371881
 ● Contact Person: Mrs. Wang Rong 66371889
 ● Contact: Mr. Xu Yufeng 66371809

三、建立低碳发展促进平台 Low Carbon Promotion Platform

国际交流与合作 International Cooperation

2009.11-2013.11 欧盟转变亚洲项目 “实施滨海产业共生

EU Switch-ASIA “Implementing Industrial Symbiosis and Environmental Management Systems in Tianjin Binhai New Area”

2013. 01-2014. 12 中欧环境治理项目—天津滨海新区企业环境信息公开试点项目

EU EGP -- Developing a Pilot PRTR (Pollutant Release and Transfer Register) in Tianjin Binhai New Area

2011.05-2011.12 中法温室气体排放自我评估试点项目

TEDA Bilan Carbone Pilot Project

中美清洁技术产品和服务展示中心 (CTPSP) in Tianjin TEDA ECO Center, cooperating with iCET

姐妹城市之间的合作—天津-费城
Corporation between sister cities—
Tianjin and Philadelphia

We hope:

To facilitate more international cooperation in energy conservation and environmental protection market based on this diagnosis of market potential and basis.

泰达及其周边地区的环保节能需求

Demand analysis in TEDA and the surrounding areas

泰达地区的节能环保工业基础
The basis of the environmental protection industry in TEDA

have	Medium ⑧ 汽车节能 Automobile energy saving ② 污水处理 Sewage treatment	Strong ⑥ Industrial energy saving ① Industrial wastewater treatment ③ Industrial waste disposal ⑩ 风能 Wind power ⑨ 太阳能 solar Power
	Weak ④ 一般固废处理 General waste disposal ⑪ Other new energy sources (biomass, etc.)	Medium ⑤ 废气处理 Waste gas treatment

no

市场潜力
Market Potential

have

泰达和滨海新区的低碳地标

Low Carbon Landmark in TEDA and Binhai New Area



我们未来的办公地点将在大楼的三层

We will settle down at northern part of the third floor as the office.

我们将要在楼中建立泰达国际低碳技术与展示中心

We will Establish “TEDA international demonstration and exchange center of Low-carbon technology and production.”

同时，美中清洁技术展示中心也将落户于此

Also, US-CHINA CLEAN TECH CENTER will located in this building



SO, we hope you can bring more technology, product and solution in environment protection and energy conservation area and show them here



四、低碳园区建设目标 Targets in Low Carbon Development

产业绿色升级的发展创新示范

创新招商工作机制，捕捉新的产业机会，培育新的经济增长点，引导企业生产向低消耗、低碳化升级，对外输出绿色产品，服务于社会绿色消费，逐步推动园区产业由“依靠资源规模化投入的外延式增长”向“依靠技术创新驱动的内涵式增长”的成功升级

清洁技术应用的集成创新示范

围绕天津开发区创建生态园区的技术需求，通过自主创新、多方合作等手段整合物质减量、资源再生、低碳减排等各种国内外相关技术资源，在天津开发区予以集成应用，形成循环技术支撑产业升级、设施升级、管理升级的示范作用

生态经营管理的机制创新示范

通过创新政府的工作模式、出台有利的政策、充分发挥市场主体力量，调动官产学研的广泛参与，进一步优化园区开发经营管理体系，形成体现生态型园区经营管理的先行示范



天津泰达低碳经济促进中心
TEDA ECO CENTER

四、低碳园区建设目标 Targets in Low Carbon Development

- 1) 万元生产总值碳排放强度2015年比2010年降低21%;
- 1) CO₂ emission per capita of GDP reduces 21% in 2015 compared to 2010;
- 2) 万元生产总值能耗2015年比2010年降低18%;
- 2) Energy Consumption per capita of GDP reduces 18% in 2015 compared to 2010;
- 3) 天然气占一次能源比例达到 33%;
- 3) Natural gas takes up 33% of primary energy source;
- 4) 可再生能源占全部能源比例达到1.5%;
- 4) Renewable energy takes up 1.5% of total energy source;
- 5) 高新技术企业工业总产值占全区工业总产值比重40%;
- 5) Industrial output of hi-tech enterprises takes up 40% of total industrial output;

四、低碳园区建设目标 Targets in Low Carbon Development

6) 第三产业增加值超过1000亿元，比重超过30%；

6) The added value of tertiary industry surpasses 100 billion YUAN, takes up more than 30% of total industrial added value;

7) 工业生产、居民生活绿色照明覆盖率达到80%以上；

7) Green lightning coverage ration achieves 80% in industrial production and household usage;

8) 新建绿色建筑开工面积达到100万平方米；

8) New green building areas achieves 1 million m²;

9) 重点企业开展清洁生产审核比率100%；

9) Key companies Cleaner Production Verification ration achieves 100%;

10) 重点能耗企业开展能源审计比率100%；

10) Key energy consumption companies Energy Audit ration achieves 100%;

11) 创建2个低碳小区

11) Establish 2 low carbon residential areas.

谢谢！ THANK YOU!

天津泰达低碳经济促进中心
TEDA ECO CENTER

Tel: +86(0)22-66371809

Fax: +86(0)22-66371919

Yuyan.song@ecoteda.org

www.ecoteda.org