



Development of Strategy and Pathways to Establish A Low Carbon Economy in Suzhou

转变经济增长方式,发展低碳经济: 探讨苏州低碳城市发展模式

王灿

Wang Can

清华大学 环境科学与工程系

Department of Environmental Science & Engineering Tsinghua University

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报告结构

- 一、苏州市能源消耗与碳排放现 状评估
- 二、高耗能行业情景预测分析
- 三、低碳发展技术方案与政策建 议

Report Structure

- I. Energy consumption and calculation of carbon emissions
- II. Scenario analysis of high energy consuming industries
- III. Low carbon development technology portfolio and policy recommendations



苏州市低碳发展模式研 究(背景)1

- •发展低碳经济的重点之一是建 设低碳城市, 目前国内多个低碳 城市的试点工作已经逐步展开。
- •目前关于低碳经济的研究多集 中于低碳模式、发展低碳经济对 应对气候变化的作用的探讨,关于如何在城市层面发展低碳经 济、构建低碳城市 的研究尚不 多见,关于低碳城市的建设大多 仍停留在理念、概念的层面。



Study Background: Low carbon development pattern of Suzhou (1)

- · Many pilot projects in domestic low carbon cities have been carried out.
- Studies on low carbon economies focus increasingly on low carbon consumption and low-carbon economic development.
- However, there are only a few studies which have looked into how exactly to develop and build a low carbon economy in cities. There are only ideas and concepts in this field.



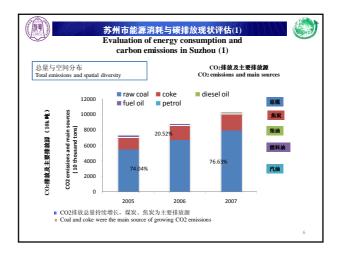
苏州市低碳发展模式研 究(背景)2

- 随着能源消费的高速增长、资源 制约加剧、能源瓶颈突显等问题在 很大程度上制约着苏州的经济发 展,发展低碳经济是提升核心竞争
- 苏州作为循环经济试点城市之 一,在资源、环境与经济协调发展 方面取得了一些研究成果,具备较 好的低碳经济发展基础。以苏州市 作为低碳经济发展研究的基地,具 有重要的战略意义,将为其他城市的低碳发展提供借鉴,为中国的低 碳经济发展打下良好的基础。

Study Background: Low carbon development pattern of Suzhou (2)

- As energy consumption increases, resource limitations obstruct economic growth. Low carbon development is the new path to economic competitiveness.
- · As a "Recycling Economy" pilot city, Suzhou has achieved some success in researching the coordinated development of environment and economy, and has a solid foundation for developing a low carbon economy.
- Suzhou is a reference for low carbon omic development studies, can guide other cities' low-carbon development schemes, and can lay a foundation for China's low-carbon economic development.

展署 **Study Frame** ・针对高耗能行业(aiming at energy intensive s •节能专项行动 on energy saving) ■政策中举与体系识别(policies class 現状评估 (Basic work) 公路交通 CO2 排放计算 情景預測分析 (Methodology) 情景分析 低碳发展情景 政策方案设计 技术组合方案设计与成本分析 研究结果 (Deliverables)



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