



Xiangtan Low-Carbon Transformation Sector Development Program

湘潭低碳转型发展项目 (=project +policy lending modalities) (=项目+政策贷款模式)

Through low carbon city development projects at ADB, we promote **integrated and comprehensive approach** of all these efforts.

亚行的低碳城市发展项目，采用**全面综合的方法**，推动低碳城市建设。



Important Features for Low Carbon Transformation 低碳转型的重要特征



Transformation is a long-term process, can be expedited through...

转型是一个长期的过程，可以通过以下方式加快该进程...

- **All actors** (governments, business, citizens) to be engaged and activated for **actions**

调动政府、商业、市民等所有利益相关方参与进来，并采取**行动**

- **Actions** shall be carried out **with ease**

应该循序渐进地开展行动

- **Better infrastructure** for low-carbon actions

为低碳行动提供**更好的基础设施**

- **Right Incentives** suitable to different types of **actors**:

适用于不同类型参与方的激励措施：

- ✓ Business: \$\$ 商业机构：\$\$
- ✓ Consumers: \$, peer pressure, 消费者：\$, 同伴压力
- ✓ Government: intended actions/commitment 政府：行动/ 承诺

- **Information and knowledge** to drive **behavior changes**

推动**行为改变**的信息和知识

Rationales for SDP Design

低碳转型发展项目设计原则



All actors

Actions with ease

Incentives

Information and knowledge

Project loan 项目贷款
Low-Carbon and Climate Resilient
Infrastructure

低碳和气候韧性基础设施

+

ICT Platform for Informed decision making
信息化平台助力决策制定

Policy and Governance Reforms
政策与治理改革

Green Public Procurement
+Sectoral policy reforms
绿色政府采购+行业政策改革

Policy-based loan 政策贷款

Behavior changes;
Leverage **private investment** to low carbon technology and business

行为改变；撬动私人资本投资低碳技术和商业

Clear signal to Market 对市场释放清晰信号

Xiangtan Low-Carbon SDP

湘潭低碳转型发展项目



- Output 1: Integrated, low-carbon urban **transport** system established.
- 产出1：建立了综合的低碳城市**交通**系统
- Output 2: Green and low-carbon **building** promoted through piloting quantifiable certification. (1st hospital with IFC's EDGE certification).
- 产出2：通过试点量化认证，促进绿色低碳**建筑**（第一家获得IFC EDGE认证的医院）。
- Output 3: Green or blue-green infrastructure expanded for better **resilience to climate change**.
- 产出3：扩大绿色或蓝绿色基础设施，以加强**气候韧性**。
- Output 4: Enabling systems based on information and **communications technology** for informed decision-making installed. (transport, energy, building, environment, flood warning, low-carbon behavior/lifestyle.)
- 产出4：建立基于信息和**通信技术**的系统，以便制定知情决策（交通、能源、建筑、环境、洪水预警、低碳行为/生活方式。）
- Output 5: Low-carbon transformation **policy reforms** adopted for various **incentives to activate** all actors
- 产出5：进行低碳转型**政策改革**，采用各种激励措施，调动所有参与方