



全球环境研究所

Global Environmental Institute

徐生年

2017-6-16

中国省市低碳 规划工具包

工具开发机构:

- 全球环境研究所(GEI) <http://www.geichina.org>
- 美国气候战略中心(CCS) <http://www.climatestrategies.us>
- 中科院科技战略咨询研究院(ISD) <http://www.ipm.cas.cn>

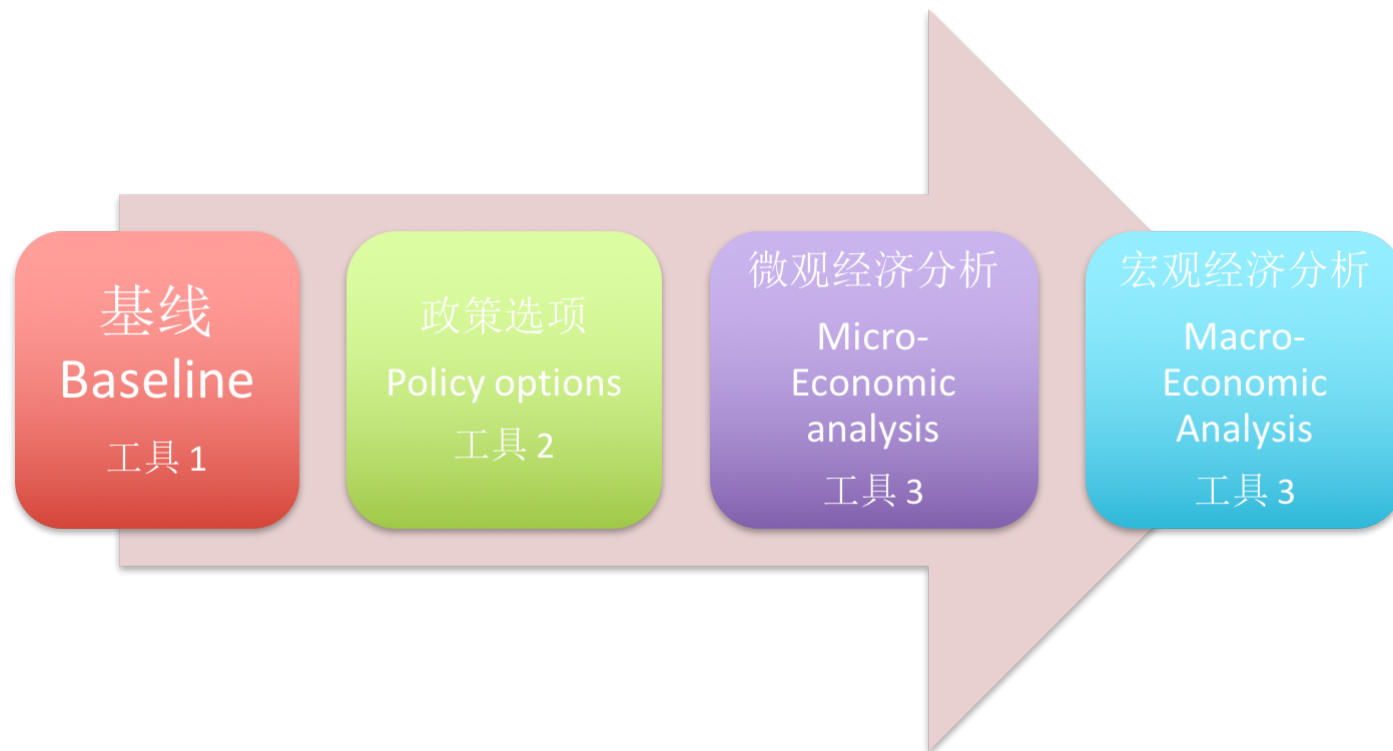
以重庆市为工具开发的试点，后面推广到各个省市进行培训，山西省应用工具于阳泉市十三五低碳规划

工具功能

基线

政策选项

微观政策分析



工具覆盖行业

能源供应 Energy Supply (power, Fuel & Heat)

- 可再生和低排放能源
Renewable and Low Emitting Sources

住宅、商业、和机构 Residential, Commercial, & Institutional

- 能效、节能和工艺改进
Efficiency, Conservation and Process Improvements

工业
Industry

- 能效、节能和技术改进
Efficiency, Conservation and Process Improvements

交通及土地使用 Transportation and Land Use

- 能效、低排放能源
Efficiency, Low emitting Fuels

农林渔
Agriculture, Forestry & Fisheries

- 土地保护和管理
Land Protection and Management

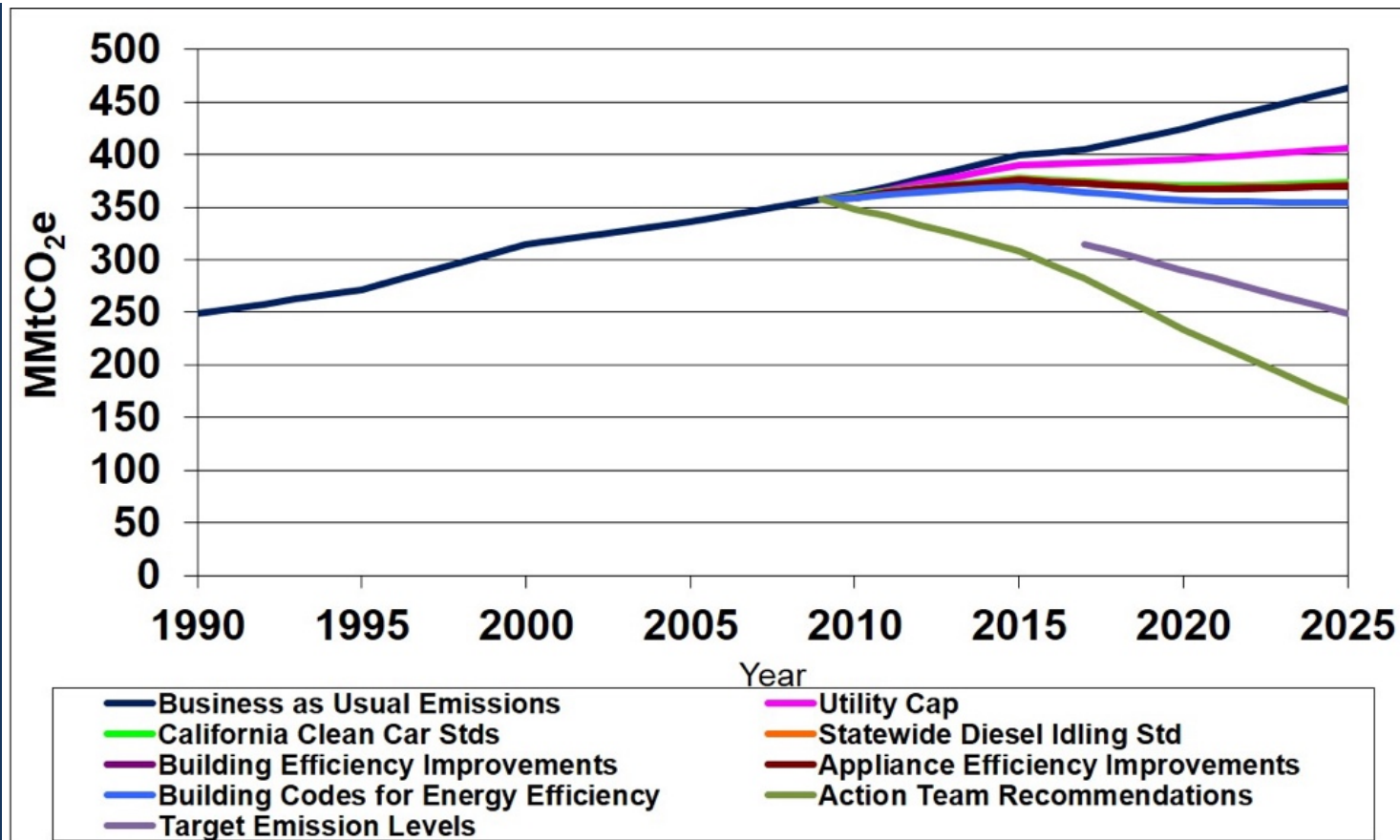
废弃物处理
Waste Management

- 节约与再利用
Conservation and Reuse

工具规划流程

- 步骤1 组织, 机构和目标 Organization and Goals
- 步骤2 清单编制 Baseline Development
- 步骤3 政策参数项的识别 Policy Options Identification
- 步骤4 政策筛选和优先级排序 Policy Screening & Prioritization
- 步骤5 初始政策设计细化 Initial Policy Design Specifications
- 步骤6 直接(微观的)影响评估 Direct (Micro) Impacts Assessment
- 步骤7 政策综合和重叠分析 Policy Options Integration and Overlap
- 步骤8 间接(宏观)影响评估 Indirect (Macro) Impacts Assessment
- 步骤9 最终的政策建议和报告 Final Recommendations & Report Transmittal
- 步骤10 后续监测、报告、评估和升级 Monitoring, Reporting, Evaluation, & Updating

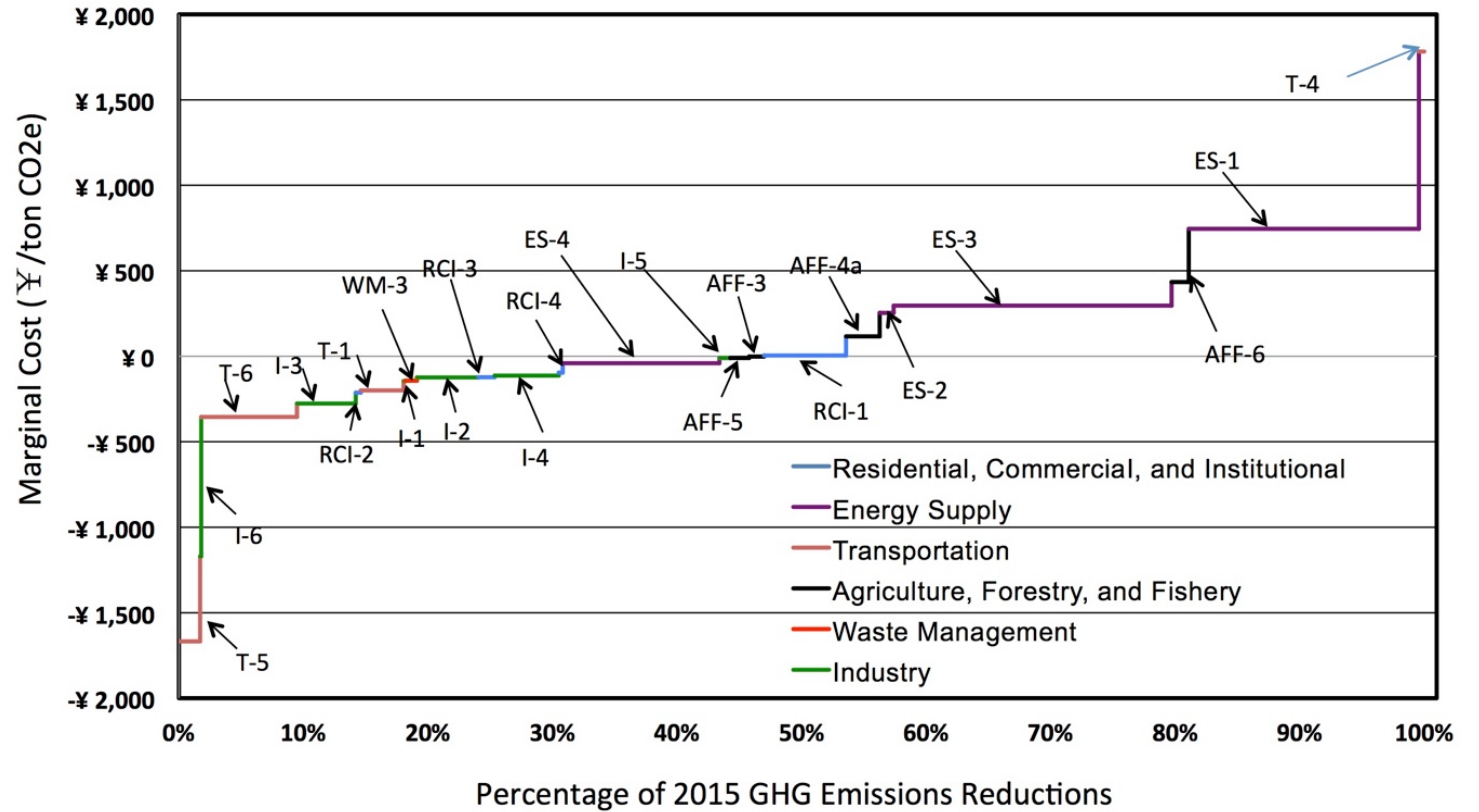
不同减排情景



工具分析结果：美国佛罗里达州低碳政策措施规划减排效果

边际成本效益

Marginal Abatement Cost Curve of Chongqing Low-carbon Plan

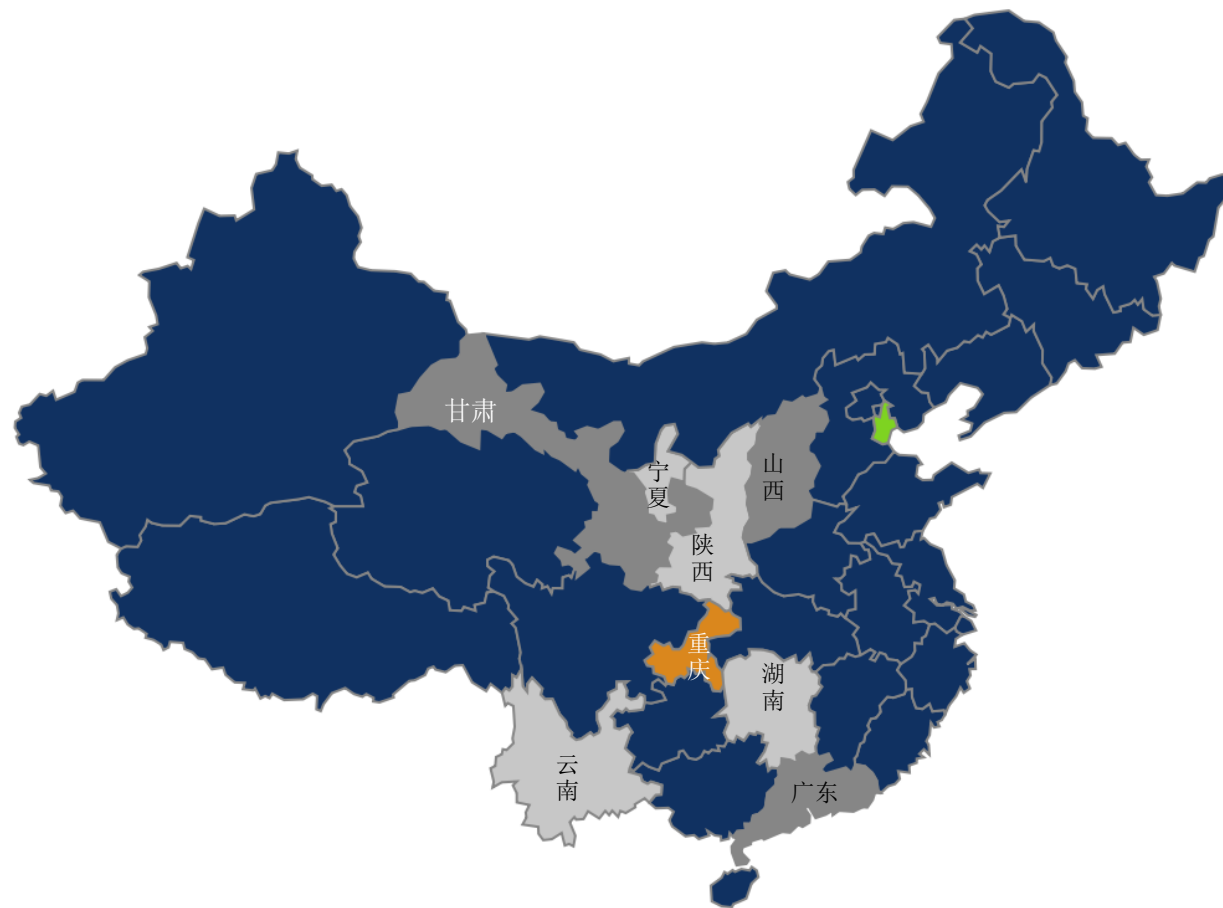


合作培训方式

我们的方式：

- 1) 培训各省市的低碳规划机构的专家
- 2) 行政学院开设低碳规划课程（天津行政学院）

已培训的省市

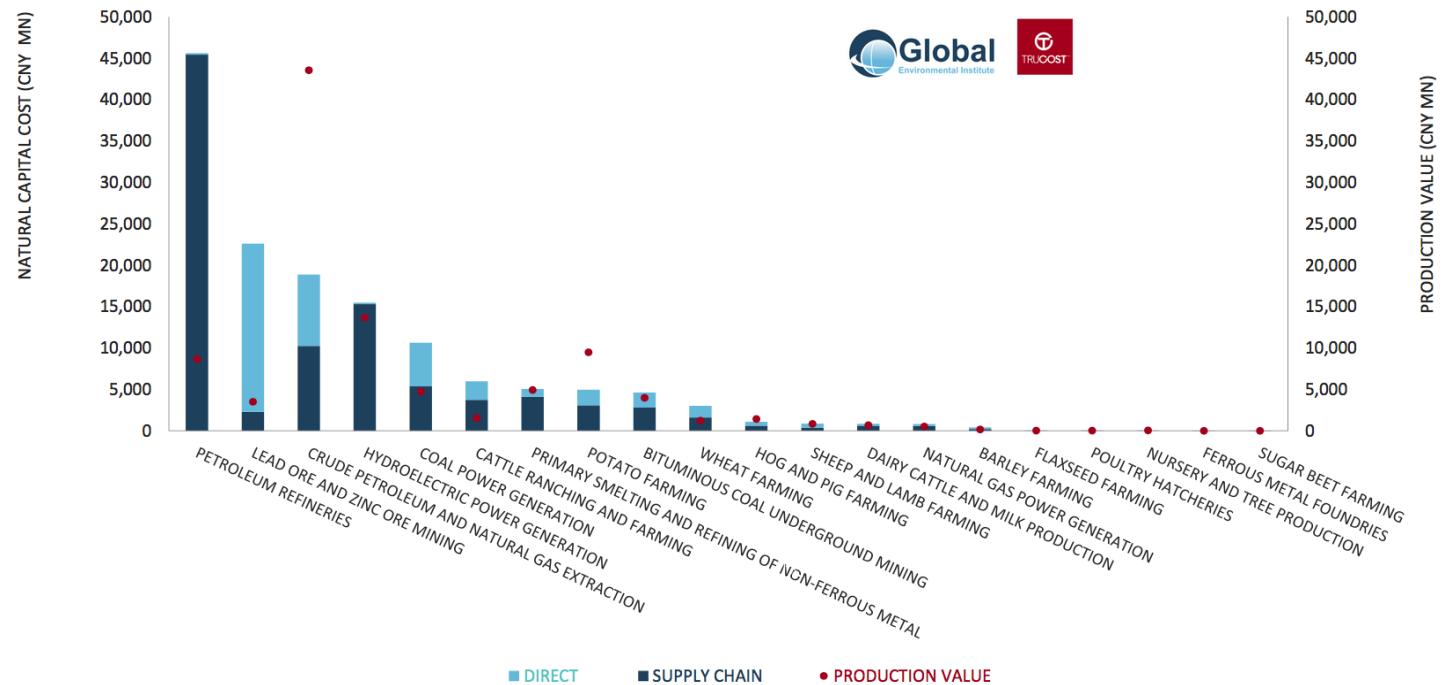


遇到的问题

我们的方式：

- 1) 工具太复杂
- 2) 中国的数据敏感问题
- 3) 合适的机构（愿意使用这套工具+有能力使用这套工具）
- 4) 培训和项目的可持续问题（如何推广到更多的省市）

自然资本评估



能源与气候变化 Energy and Climate Change

项目成员:
于卿婵
徐生年
崔南璞
颜欣然

Areas of Work:

- 1) Facilitate High-Level, Bilateral and Multilateral Climate Dialogues and Cooperation
- 2) Improve Subnational Low-Carbon Policymaking
- 3) Promote Renewable Energy Development

Where We Work:

Our low carbon development toolkit is active in 15 provinces & municipalities and we have many domestic & international partners.

We work closely with the government and research institutions, as well as international experts, to innovate solutions for China's low-carbon development path.

How you can get involved with GEI

- **STAY INFORMED**

- Follow us on social media for the latest updates
 - Scan to follow on WeChat



- Email kendall@geichina.org to get added to our GEI Insights e-newsletter

- **JOIN US!**

- Check www.geichina.org and/or WeChat for Job postings
- Internships are available on a rolling basis. Please email your CV & cover letter (双语) and a indication of your work focus to kendall@geichina.org
- Volunteers! If you want to be considered for a volunteer, please stay tuned for opportunities.