



Cities Provide Climate Solutions and Lead the Way after COP21 in Paris

巴黎COP21之后城市提供了气候解 决方案并开拓前进

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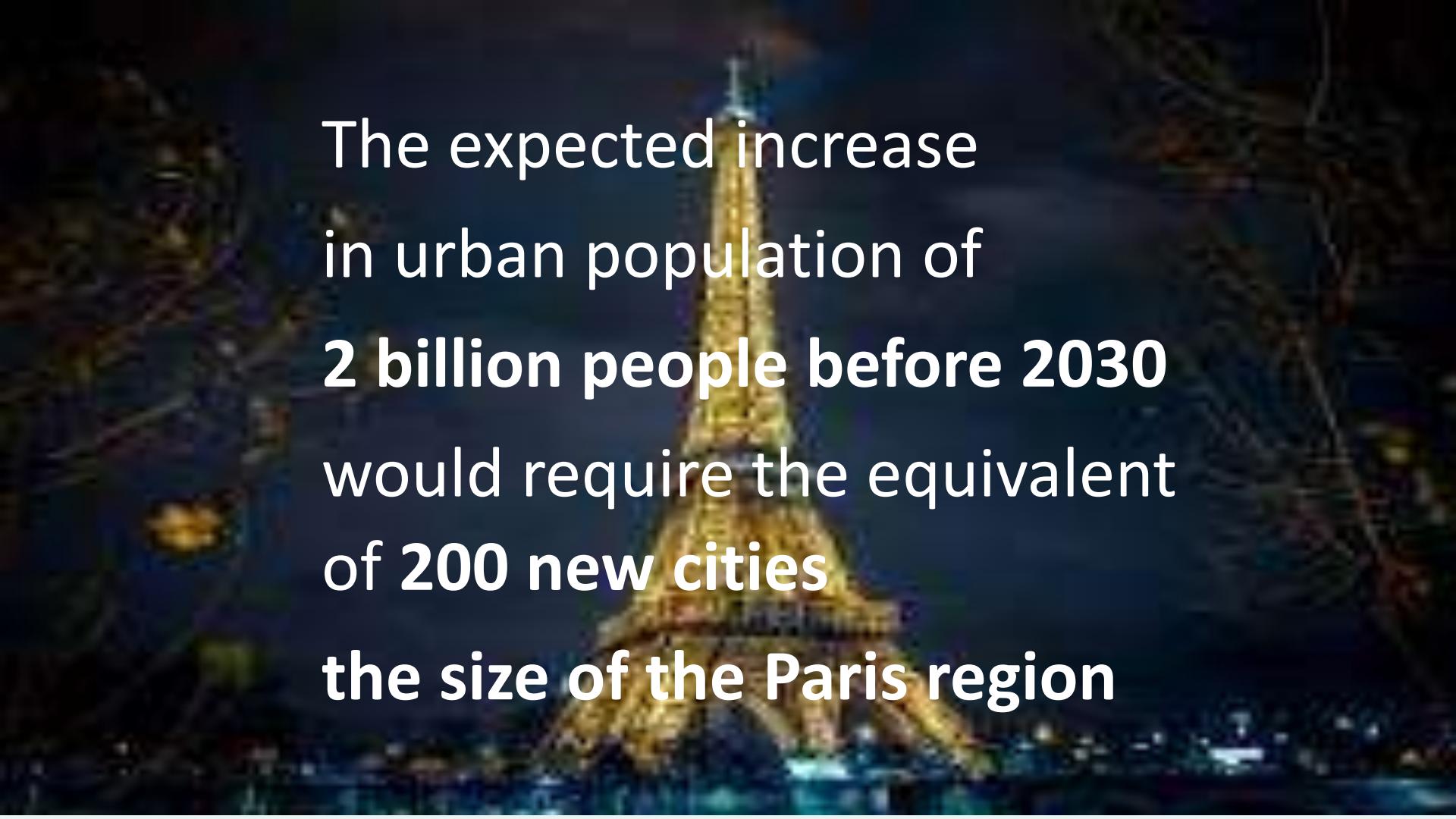
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Two billion additional urban inhabitants are expected by 2030, the majority of whom will be in the rapidly growing cities of Africa, Asia, and Latin America.

到2030年将新增20亿城镇居民



The expected increase
in urban population of
2 billion people before 2030
would require the equivalent
of **200 new cities**
the size of the Paris region



Benefits to Cities

对城市的益处

- Reduce energy costs for the government...and citizens
- Reduce urban pollution and improve health
- Mitigate global climate change
- Assistance to achieve National and City Energy Goals
- Reduce power grid congestion
- Help assure reliable energy supplies
- Foster economic development
- Produce jobs in new and emerging technologies
- Increase community pride and reputation
- 为政府.....以及市民减少能源费用
- 减少城市污染，从而改善健康
- 减轻全球气候变化
- 帮助国家和城市达到节能目标
- 减少电网负担
- 保证能源供应
- 促进经济发展
- 创造新技术领域就业机会
- 提高社区的荣誉感和知名度



Cities of the Future

未来的城市

经济开发保证今天的利益

Economic Development
is a guarantee for today...

先进技术保证明天的利益

Advanced Technologies
are a guarantee for
tomorrow....

绿色经济与生态城市保证
永久的利益

The Green Economy and
Eco-Cities are a
guarantee forever



Cities of the Future

未来城市

若想在**21**世纪有竞争力, 城市必须:

- 有效率
- 价格合理
- 有韧性

**To be Competitive in the 21st Century,
Cities must be:**

- Efficient
- Affordable
- Resilient



Cities of the Future

未来的城市

这取决于:

- 节能
- 可再生能源
- 设计精妙的能源系统
- 城市布局的综合协调

They must depend on:

- Energy Efficiency
- Renewable Energy
- Smart Grid
- Integrated Urban Design



We must **engage**

我们必须携手各方人士

Leading up to COP21 in Paris

U.S. – China Climate Leaders Summit 中美气候首脑峰会

September 15 - 16, 2015

Los Angeles, California



U.S. Governors and Mayors 美国的州长和市长



Gov. Jerry Brown



Mayor Ralph Becker

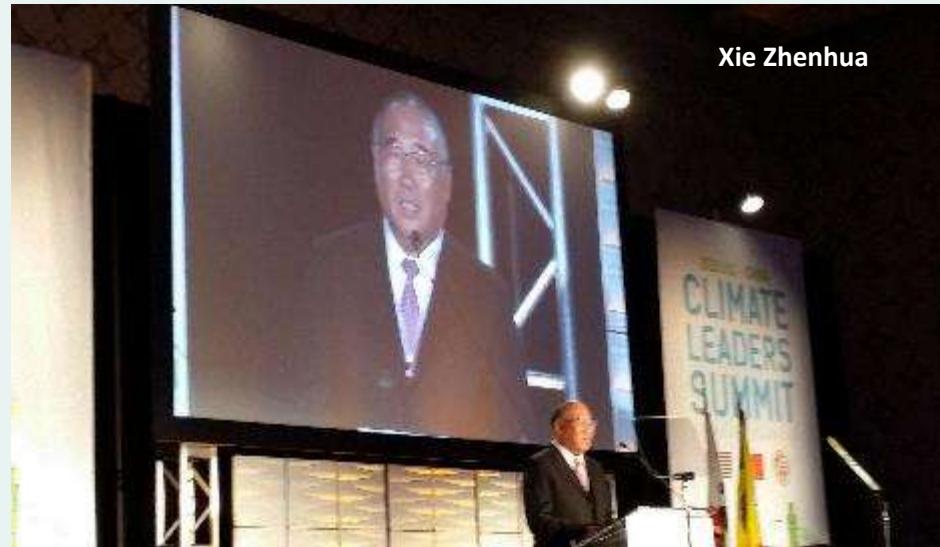
Chinese Climate Leaders

中国气候领导

Su Wei



Xie Zhenhua



•11 Low-Carbon Lifestyle

Lead the low-carbon lifestyle and strengthen low-carbon community construction



In Weilai Residential Community, citizens are making reusable bags together with foreign teachers.



In Wulan Residential Community, resident Yang Guanglei has stopped smoking after his doctor told him to smoke exclusively.



In Wulan Residential Community, residents made uniforms with waste cloth and turned them into art. Children Festival, which was very popular. The waste cloth can be recycled as art material.

•04 Low-Carbon Buildings

Implementation of green building standard and promotion of building energy efficiency demonstration

The implementation rate of energy saving at the design stage of newly constructed buildings in Guiyang City is 100%, while that of energy saving standard at the stages of both construction and completion is higher than 98%. There are altogether five construction projects in the city that have won 3-star green building design evaluation logo, and three projects have won 2-star green building design evaluation logo, with a total construction area of about 1.075 million m². There are 12 projects where renewable energy sources are used for construction and completion, with a demonstration area of application 890,000 m². There are altogether six projects in progress, with a demonstration area of application 2.08 million m².



Vertical Green in Guiyang City



Optical Lighting System in Guiyang City



Double-Skin Facade Curtain Wall - Growing International Conference and Exhibition Center-Green Building Cluster



•02 Low-Carbon City

Low-carbon pilot program in full swing

China is vigorously promoting the construction of ecological civilization and green and low-carbon development. Approved by the State Council, the NDRC has implemented the pilot program of low-carbon provinces and cities in 2010 and 2012, and designated six provinces and 36 cities for this program.



欢迎来

Guangzhou is looking forward to collaborate with US and the globe to tackle climate change issues, and to strive for low-carbon development.

Welcome to Guangzhou!



U.S. – China Climate Leaders Summit 中美气候首脑峰会

Beijing. Sichuan. Hainan. Shenzhen. Guangzhou. Wuhan. Guiyang.

Zhenjiang. Jilin. Yan'an. Jinchang. Agreed to:

北京、四川、海南、深圳、广州、武汉、贵阳、镇江、吉林、延安、Jinchang 同意：

- Establish Ambitious Targets 设立高远目标
- Report on GHG Inventories 报告温室气体排放
- Establish Climate Action Plans 拟定气候应对行动计划
- Enhance Bilateral Partnership and Cooperation 加强双边合作

Committed “To achieve the peaking of CO₂ emissions around 2020” – ahead of the national goal of 2030

承诺“在2020年CO₂排放达到峰值”– 在2030年国家目标期限之前

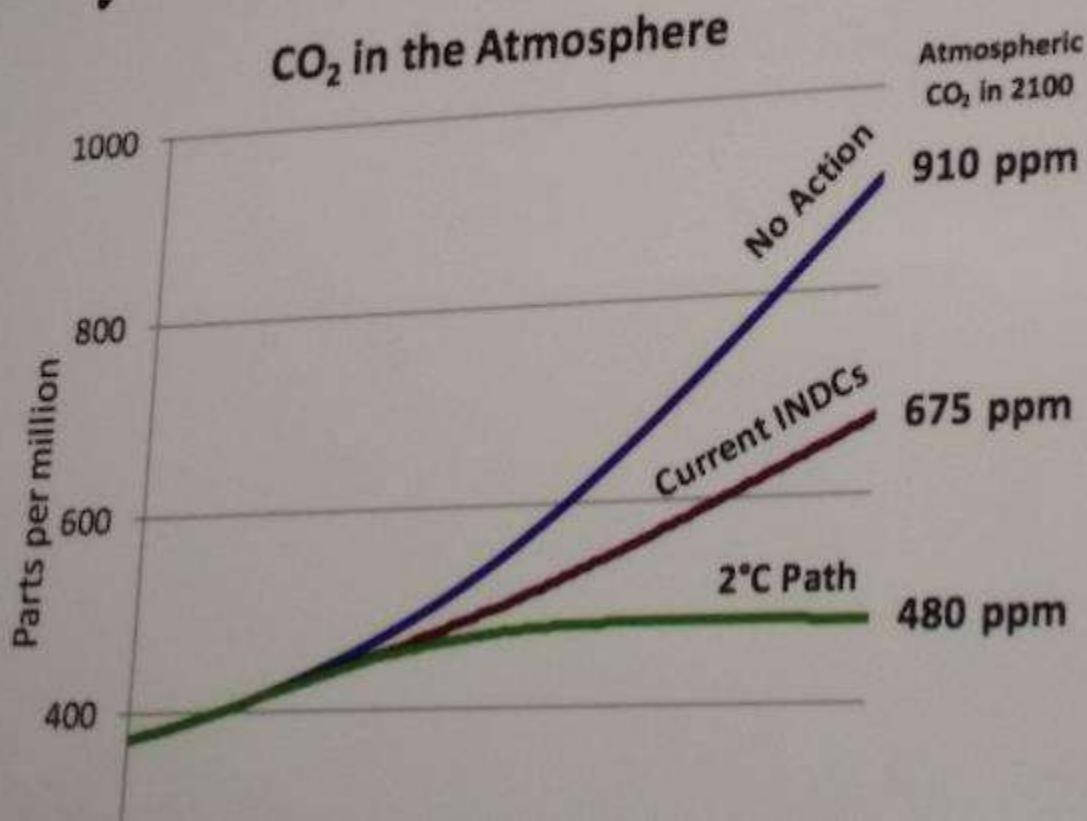
COP21 in Paris

第21届联合国气候变化巴黎大会

Welcoming 33,000 credentialed participants from 195 countries
欢迎来自195个国家的33,000位专业与会者



Why The Paris Climate Talks Matter



City Day 城市日



Hosted by Mayor Bloomberg
and Mayor Hildago, who are
joined by President Hollande
and Xie Zhenhua

Mayors Present Commitments to UN Secretary General Ban Ki-moon

市长们向联合国秘书长潘基文作出的承诺





Gore
DiCaprio
Redford
Baldwin







DRIVERS FOR ACTION

行动动

为



Guiyang Eco-Forum 贵阳生态论坛

The Hope..... 愿景.....



The Reality..... 现实.....



what cannot be **measured** cannot be **managed**

准确的数据有助于管理



LEED
v4



LEEDon.io

LEED动态奖牌 LEED Dynamic Plaque

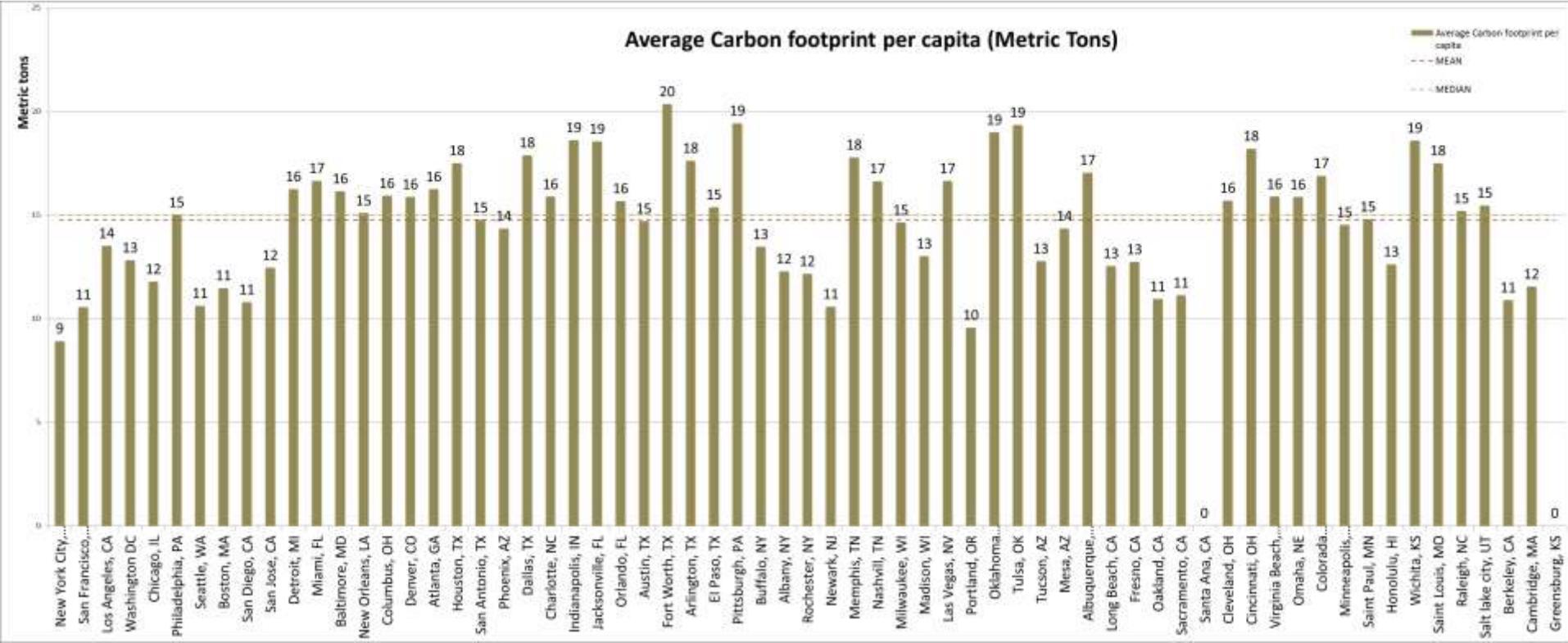
- 能源，水，废弃物，交通，人的体验
- **Energy, Water, Waste, Transportation, Human Experience**

 Washington, DC Score

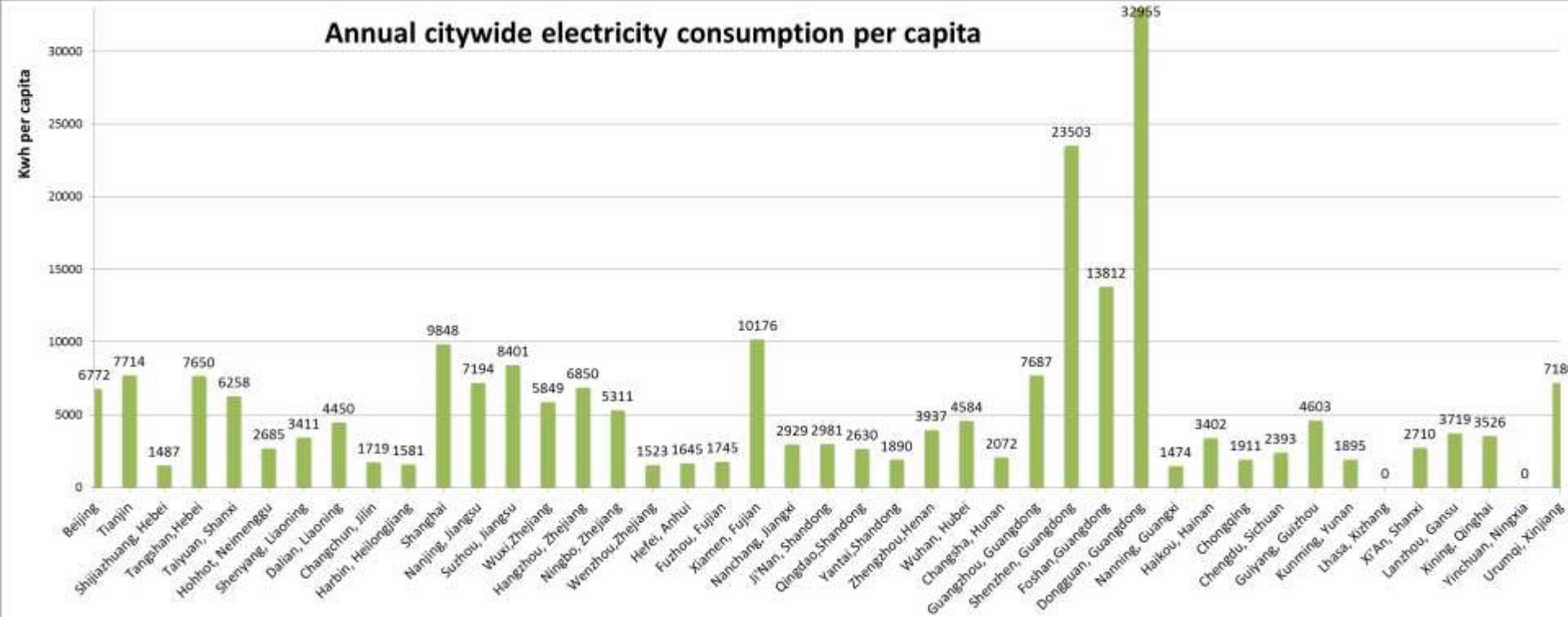
-  Energy
 -  Water
 -  Waste
 -  Transportation
 -  Human Experience
-
-  Survey
 -  Data Input 6
 -  More ▾



Data from 65 U.S. Cities is Already Integrated into LEED Dynamic Plaque Platform 已将美国 65个主要城市的数据整合进LEED Dynamic Plaque平台

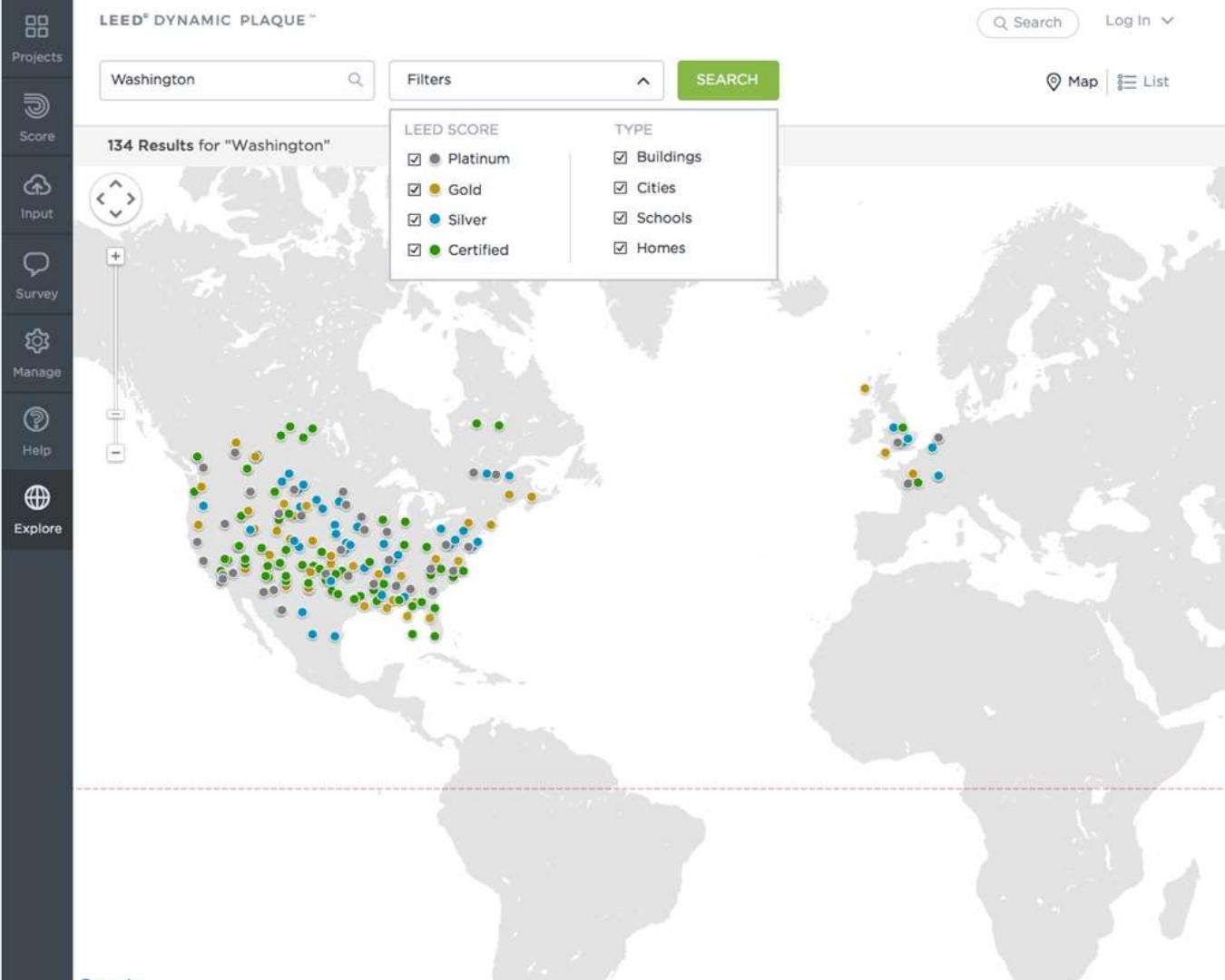


Data from 43 Chinese Cities is Ready to be Integrated into LEED Dynamic Plaque Platform 已将中国 43个主要城市的数据整合进LEED Dynamic Plaque平台



LEED Online Offers World Cities a Platform to Compare and Compete

“LEED在线”为
全世界的城市
提供比较和竞
争的平台



Everyone in a green building within this generation.

为这一代每一个人的绿色建筑





LEED
ONE

