LEED for Cities

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LEED for Cities　LEED 城市

A New Tool to Help Cities Measure and Track Performance

这是一个新的工具，用于帮助城市衡量、追踪并比较其发展状况

Cultivate **sustainable** cities & communities

营造**可持续的**城市&社区

SAFE
HEALTHY
INCLUSIVE
SMART
PRODUCTIVE
EFFICIENT
EQUITABLE
SUSTAINABLE
RESPONSIVE
RESILIENT
安全的
健康的
包容的
智慧的
高产的
高效的
平等的
可持续的
会响应的
坚韧的

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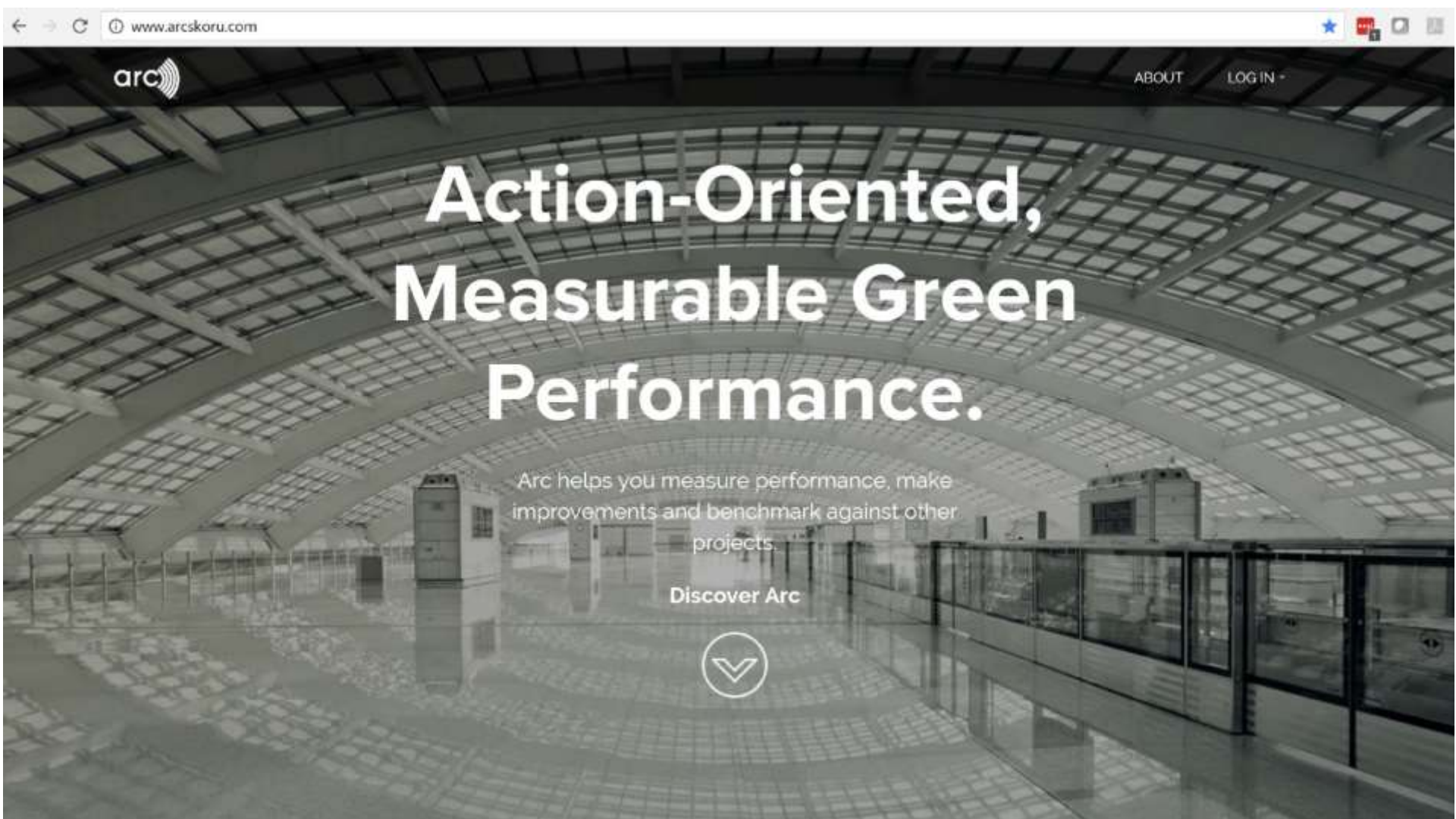
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ABOUT
LOG IN
Action-Oriented, Measurable Green Performance.
Arc helps you measure performance, make improvements and benchmark against other projects.
Discover Arc

- ✓ Arc helps you measure performance, make improvements, and benchmark against other projects.
- ✓ Arc平台帮助用户评估自身运营情况、促进发展，同时作为衡量标准与其他项目进行对比。

- ✓ The single-platform solution for every building, neighborhood, community and city.
- ✓ 这是一款独特的数据平台，服务对象涵盖建筑、街区、社区和城市

www.arcskoru.com

LEED for Cities:
LEED 城市

- ✓ Supports continuous progress toward a better city & a higher quality of liife
- ✓ **旨在**让城市变得更美好，为居民提供更好的生活质量

- ✓ Helps a city set performance goals & implement strategies to reach those goals
- ✓ **帮助城市**设立发展目标，并执行实现目标的可行措施

- ✓ Tracks performance data to measure progress towards those goals
- ✓ **持**续追踪城市运营数据，评估现状与目标的差距

- ✓ Leverage a wide range of rating system, standards, protocols & guidelines
- ✓ 协助城市利用各种评级系统、标准、协议和准则

The benefits:
益处：

- ✓ Demonstrate your city' commitment to sustainability, human health, economic prosperity & quality of life
- ✓ **有助于**兑现城市致力于可持续发展、提升人类健康、促进经济繁荣**并改善居民生活**质量的承诺

- ✓ Educate residents & visitors on the importance of sustainability measures
- ✓ **教育城市的居民与**访问者可持续性措施的重要性

- ✓ Support voluntary reporting of achievements at the city-scale
- ✓ **支持城市自愿呈**报已取得的成就

The benefits:
益处：

- ✓ Meet your city's CO2 emissions reduction targets & support your country in meeting its climate action goals
- ✓ **帮助城市达到所**设定的CO2**减排目**标，从而支持国家设定的气候行动目标

- ✓ Communicate your city's sustainability performance consistently
- ✓ **城市可以与同在**这个平台的其它城市交流可持续发展的情况与目标

- ✓ Identify policies that will reduce the impact & improve the performance of your city over time.
- ✓ **通**过制定城市范围的减少能源、资源消耗，降低碳排放有关的政策，**不断提升城市可持**续发展水平

提升城市可持续发展水平，获得LEED城市认证：

Improve performance and certify to LEED for Cities:

Step 1: Register your city in arc

第一步：在Arc注册您的城市

Step 2: Pre-certify

第二步：申请预认证

Step 3: Share data to receive a score

第三步：提交运营数据及计算得分

Step 4: GBCI review of data

第四步：GBCI审核数据

Step 5: Certify to LEED for Cities

第五步：获得LEED城市认证

buildings
communities
cities
a single platform
All buildings, communities, cities; all rating systems, standards, protocols; all data, technology, people; all certifications all in one place. arc complements LEED, other green building rating systems, and even buildings not pursuing certification. It's your at your fingertips.

1

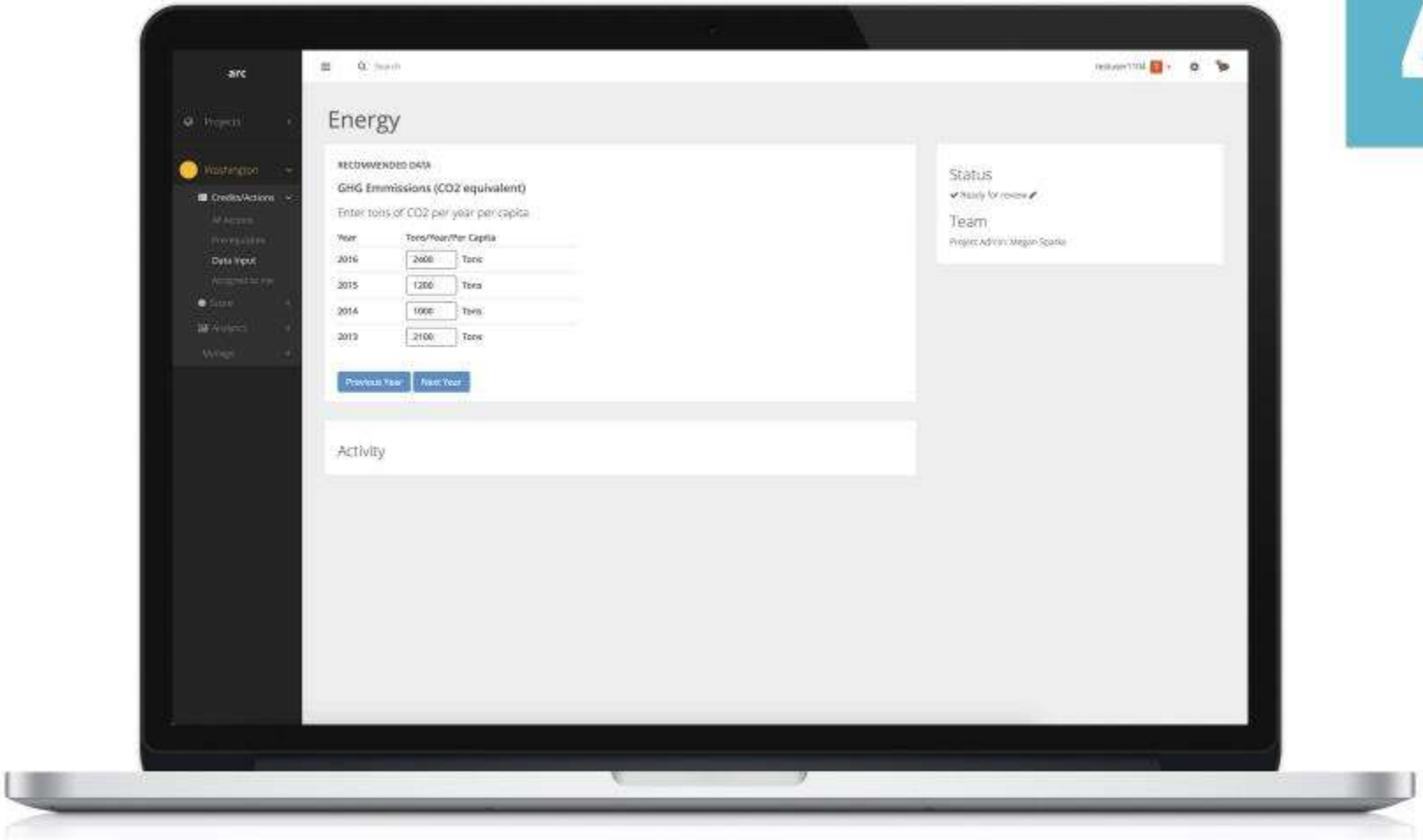
Precertify:
预认证：

2

- ✓ Identify the governance structure
- ✓ 明确管理机制
- ✓ Conduct goal setting/planning charrette/meeting
- ✓ 开展目标设定/规划研讨会
- ✓ Share your goals, plans & strategies
- ✓ 分享目标、计划与策略
- ✓ Outline education, awareness & community engagement plans
- ✓ 制定公众教育、启发认知和社区参与的计划
- ✓ Commit to track data& measure progress
- ✓ 承诺追踪关键指标数据并评估进展

arc
Projects
Washington
Score
Total
Performance Score
ENERGY
WATER
WASTE
TRANSPORTATION
HUMAN EXPERIENCE
33
15
8
14
20
55

4


arc
Projects
Washington
Credits/Actions
Data Input
Score
Analytics
Energy
RECOMMENDED DATA
GHG Emmissions (CO2 equivalent)
Enter tons of CO2 per year per capita
Year
Tons/Year/Per Capita
2016
2400
Tons
2015
1200
Tons
2014
1000
Tons
2013
2100
Tons
Previous Year
Next Year
Activity
Status
Ready for review
Team
Project Admin: Megan Sparks

40+
CERTIFIED

50+
SILVER

60+
GOLD

80+
PLATINUM

- 城市需提供以下五大类所涵盖的关键指标数据以计算得分：
- City provides data across 5 categories to generate score:

• Energy	• 能源
• Water	• 水
• Waste	• 废弃物
• Transportation	• 交通
• Human Experience	• 人的体验

SCORING 1-100

得分 1-100

Flexible and scalable platform:
灵活且具有可扩展性的平台：

- ✓ The performance score uses 14 metrics related to energy & carbon, water, waste, transportation, education, prosperity, equitability, health & safety.
- ✓ 评估分数主要由：“**能源/碳排放、水、**废弃物、交通、教育、经济、**公平、健康与安全**”**所涵盖的十四**项指标构成

- ✓ Arc can also measure data on 250+ quantitative & qualitative parameters, for more detailed evaluation
- ✓ **此外**，Arc**平台**评估的数据还可扩展至250+项定量和定性更具体的**指**标，从而获得更详尽的评估资料

ENERGY

- GHG Emissions (CO2 equivalent) - Tons/Year/Per Capita

能源

- 温室气体排放（CO2当量）- 吨/年/人

ENERGY SCORE: 0-33

能源得分: 0-33

WATER

- Water Consumption - Gallons/ Year/Person

水资源

- 水资源消耗量 - 加仑/年/人

WATER SCORE: 0-15

水资源得分: 0-15

WASTE

- Municipal sold waste generation intensity (Tons/Year/Person)
- Municipal solid waste diversion rate from landfill (%)

固体废弃物

- **城市固体**废弃物产生强度（吨/年/人）
- **城市固体**废弃物从垃圾填埋场的转移率 （%）

WASTE SCORE: 0-8

固体废弃物得分:0-8

TRANSPORTATION

- Vehicle miles traveled on individual vehicles daily (Miles)

交通

- 每日车辆出行总里程数（英里数）

TRANSPORTATION SCORE: 0-14

交通得分:0-14

HUMAN EXPERIENCE

- Population with (at least) High School Degree (%)
- Population with (at least) Bachelor's Degree (%)
- Median gross rent as % of household income
- Gini coefficient (for income distribution)
- Median household income (USD per year)
- Unemployment rate
- Median air quality index
- Air quality days unhealthy for sensitive groups (Days/Year)
- Violent Crime (per capita per year)

HUMAN EXPERIENCE SCORE: 0-20

人的体验

- 取得高中（及以上）学历的人口比例（%）
- 取得本科（及以上）学历的人口比例（%）
- 房租中位数占家庭年收入中位数的比例（%）
- 基尼系数
- 家庭年收入中位数（美金/年）
- 失业率（%）
- 年空气质量指数（AQI）中位数
- 空气质量不适于敏感人群的天数（天/年）
- 暴力犯罪率（人/年）

人的体验得分: 0-20

OPEN & INTEGRATED

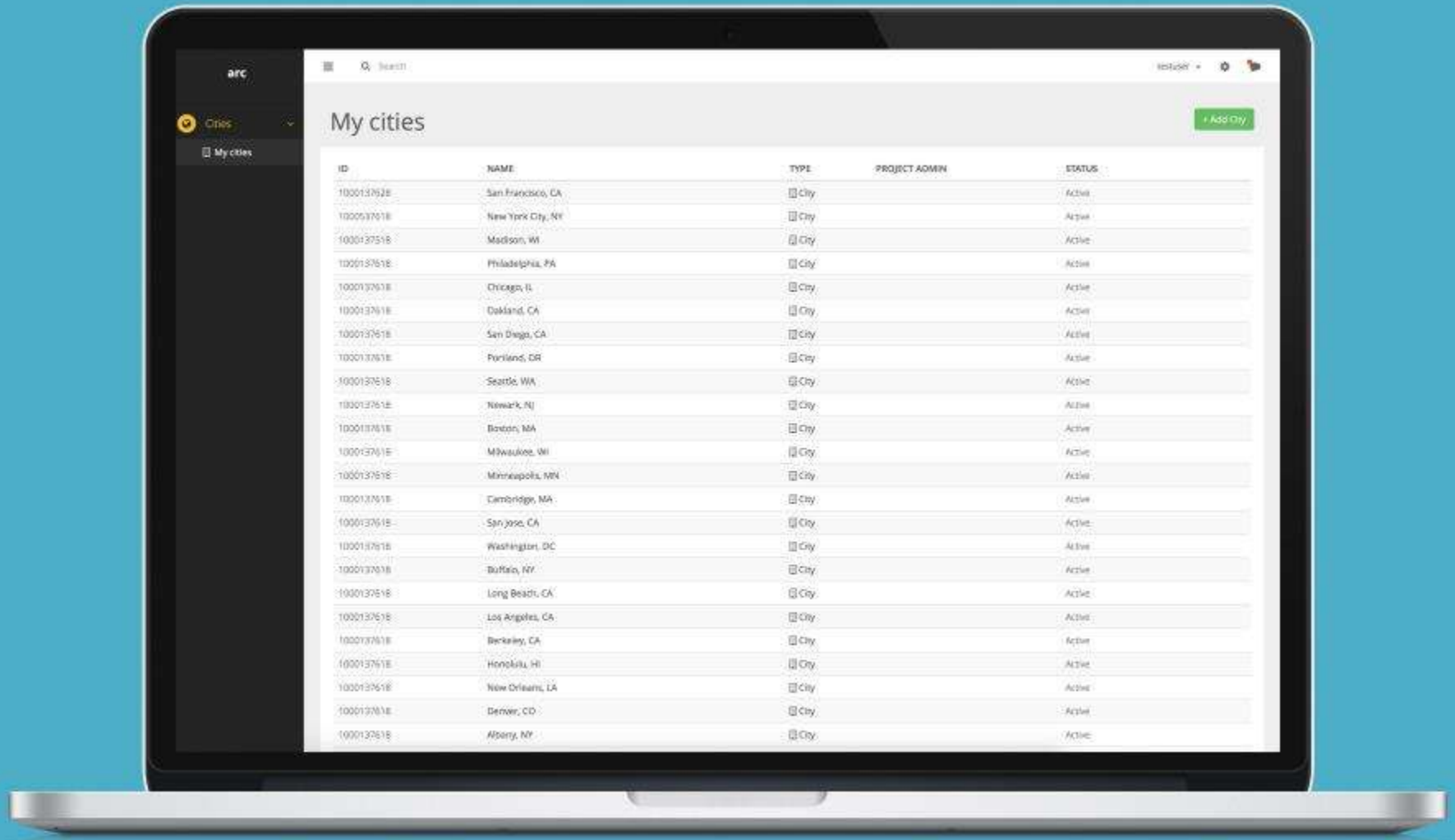
开发 & 兼容并蓄

STRATEGIES

LEED, PEER, SITES, WELL,
EDGE, GRESB, Parksmart, City
Protocol Society, STAR,
Bioregional, Climate Positive,
ICLEI, Carbon Disclosure Project,
China EcoCity, ISO37120 ...

+

Simulated Scores


arc
Cities
My cities
My cities
+ Add City
ID
NAME
TYPE
PROJECT ADMIN
STATUS
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1000137618 New York City, NY City Active
1000137618 Madison, WI City Active
1000137618 Philadelphia, PA City Active
1000137618 Chicago, IL City Active
1000137618 Oakland, CA City Active
1000137618 San Diego, CA City Active
1000137618 Portland, OR City Active
1000137618 Seattle, WA City Active
1000137618 Newark, NJ City Active
1000137618 Boston, MA City Active
1000137618 Milwaukee, WI City Active
1000137618 Minneapolis, MN City Active
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1000137618 San Jose, CA City Active
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1000137618 Los Angeles, CA City Active
1000137618 Berkeley, CA City Active
1000137618 Honolulu, HI City Active
1000137618 New Orleans, LA City Active
1000137618 Denver, CO City Active
1000137618 Albany, NY City Active

GREENBUILD China

For the first time ever, the world's largest and most influential green building conference in the world—Greenbuild—is coming to China.

greenbuild.usgbc.org/china

Shanghai October 17-18, 2017

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LET'S GET STARTED!