Formazione IFEL per i Comuni

Ciclo formativo

ALL CITIES IN

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Sustainability Specialist – LEED AP

27 settembre 2017

Unione Europea

REGIONE CAMPANIA

POC 14-20 CAMPANIA

IFEL ISTITUTO PER LA FINANZA E L'ECONOMIA LOCALE DELLA CAMPANIA

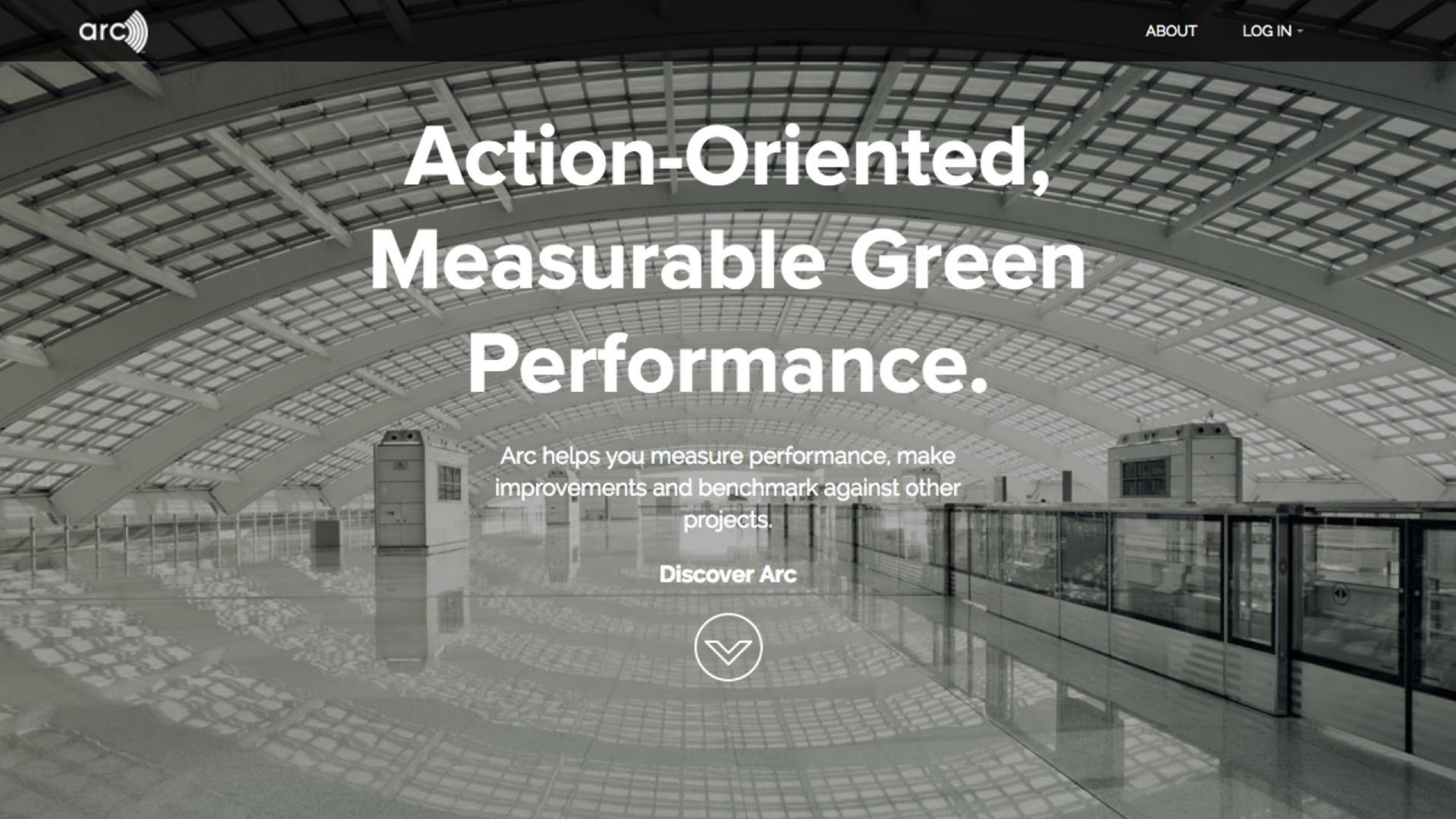
ALL CITIES IN

STRATEGIC IMPERATIVES

1. Expand the green building marketplace
2. Expand sustainable, healthy and resilient **communities**, **cities**, and cultures
3. Calibrate and communicate the full benefit of green building, **communities**, **cities**, and cultures
4. Ensure viability through organizational and community excellence.

LEED for Cities

arc
™


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

LEED for Cities:

- ✓ Supports continuous progress toward a better city & a higher quality of life
- ✓ Helps a city set performance goals & implement strategies to reach those goals
- ✓ Tracks performance data to measure progress towards those goals
- ✓ Leverages a wide range of rating systems, standards, protocols & guidelines

THE BENEFITS:

- Demonstrate your city's commitment to sustainability, human health, economic prosperity & quality of life
- Educate residents & visitors on the importance of sustainability measures
- Support performance reporting and achievements at the city-scale
- Provide shared accessibility and continuity of data across teams and over time

THE BENEFITS:

- Meet your city’s CO2 emissions reduction targets & support your country in meeting its climate action goals
- Communicate your city's sustainability and quality of life performance consistently
- Identify policies that will reduce the impact & improve the performance of your city over time

FLEXIBLE & SCALABLE PLATFORM:

- The performance score uses 14 metrics related to energy & carbon, water, waste, transportation, education, prosperity, equitability, health & safety

- Arc can also measure data on 250+ quantitative & qualitative parameters, for more detailed evaluation

SCORING 1-100

- **City provides data across 5 categories to generate score:**

  - Energy
  - Water
  - Waste
  - Transportation
  - Human Experience

PERFORMANCE, SCORED.

Energy:	out of 33
Water:	out of 15
Waste:	out of 8
Transportation:	out of 14
Human Experience:	out of 20

Base score: out of 10

Improve performance and certify to LEED for Cities:

Step 1: Register your city in arc

Step 2: Pre-certify

Step 3: Share data to receive a score

Step 4: GBCI review of data

Step 5: Certify to LEED for Cities

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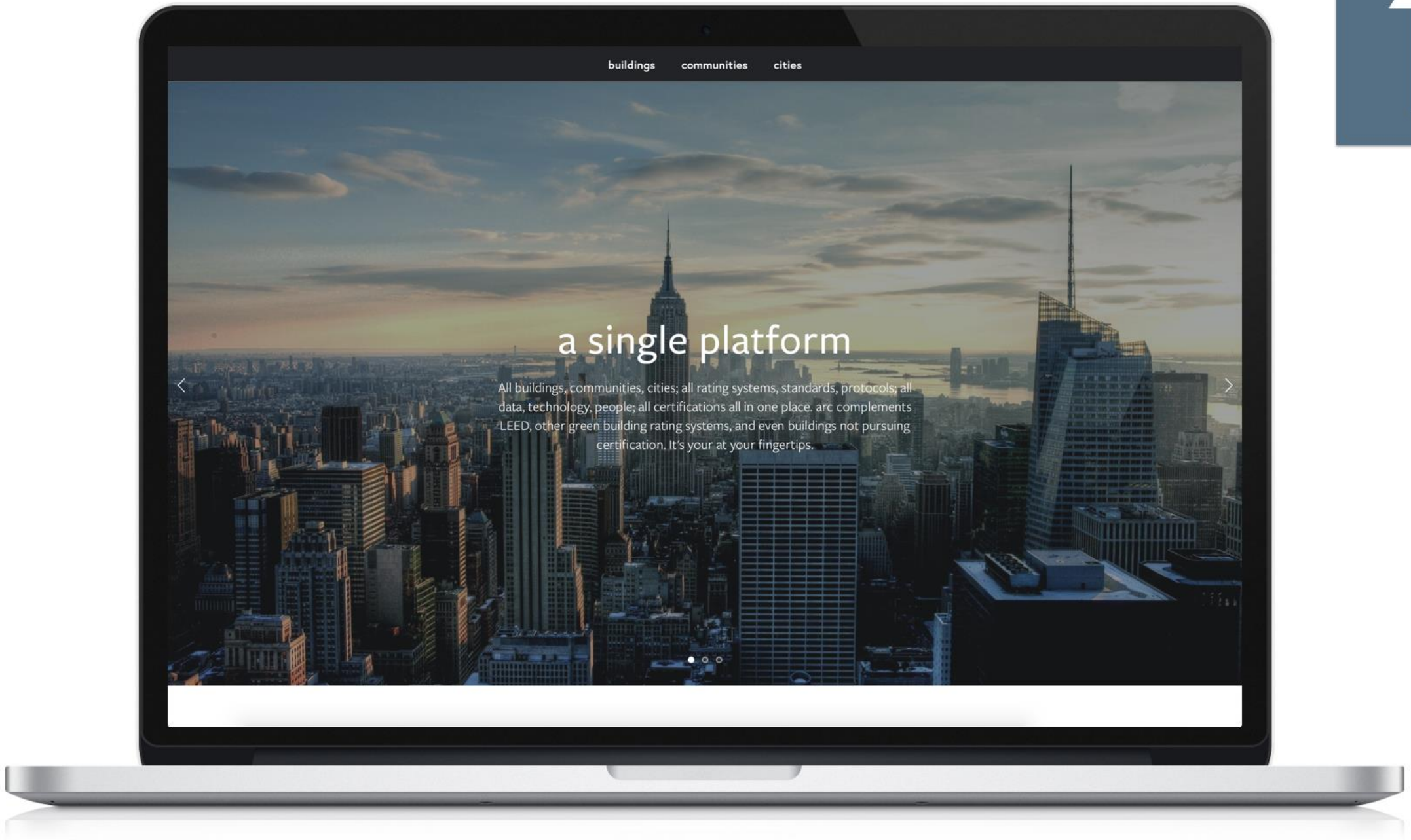
buildings
communities
cities
a single platform
All buildings, communities, cities; all rating systems, standards, protocols; all data, technology, people; all certifications all in one place. arc complements LEED, other green building rating systems, and even buildings not pursuing certification. It's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

PRECERTIFY:

2

- Commit to track data & measure progress
- Identify city boundaries, governance, and stakeholders
- Share your plans, goals, and strategies for sustainability and quality of life
- Visit usgbc.org/cityperformance

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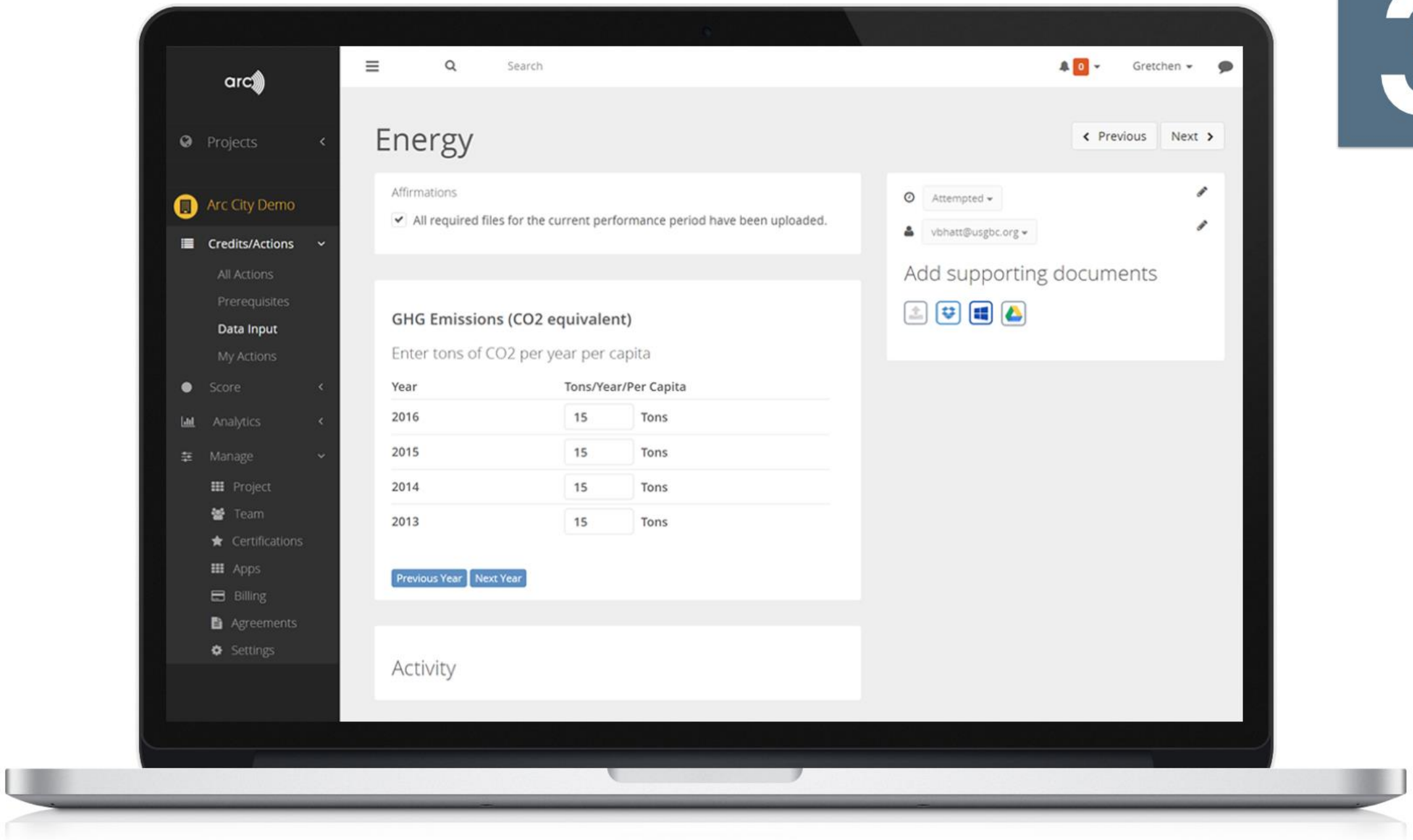
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Search
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Projects
Arc City Demo
Credits/Actions
All Actions
Prerequisites
Data Input
My Actions
Score
Analytics
Manage
Project
Team
Certifications
Apps
Billing
Agreements
Settings
Energy
Previous
Next
Affirmations
All required files for the current performance period have been uploaded.
Attempted
vbhatt@usgbc.org
Add supporting documents
GHG Emissions (CO2 equivalent)
Enter tons of CO2 per year per capita
Year
Tons/Year/Per Capita
2016
15
Tons
2015
15
Tons
2014
15
Tons
2013
15
Tons
Previous Year
Next Year
Activity

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Search
testuser1104
Projects
Washington
Credits/Actions
Score
Total
Energy
Water
Waste
Transportation
Human Experience
Analytics
Manage
Performance Score
ENERGY
WATER
WASTE
TRANSPORTATION
HUMAN EXPERIENCE
33
15
8
14
20
6
55
8
18
11
6

40+
CERTIFIED

50+
SILVER

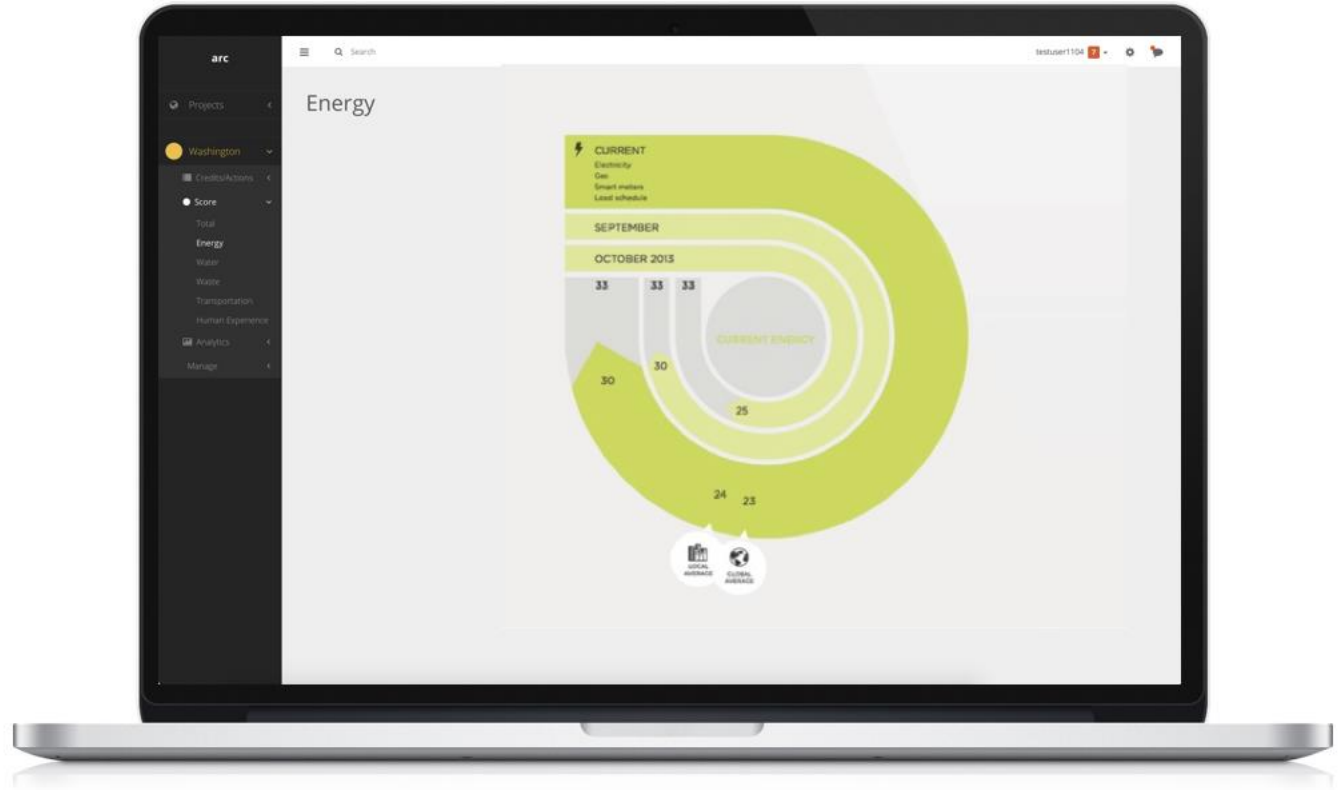
60+
GOLD

80+
PLATINUM

ENERGY

- GHG Emissions (CO_2 equivalent) - Tons/Year/Per Capita

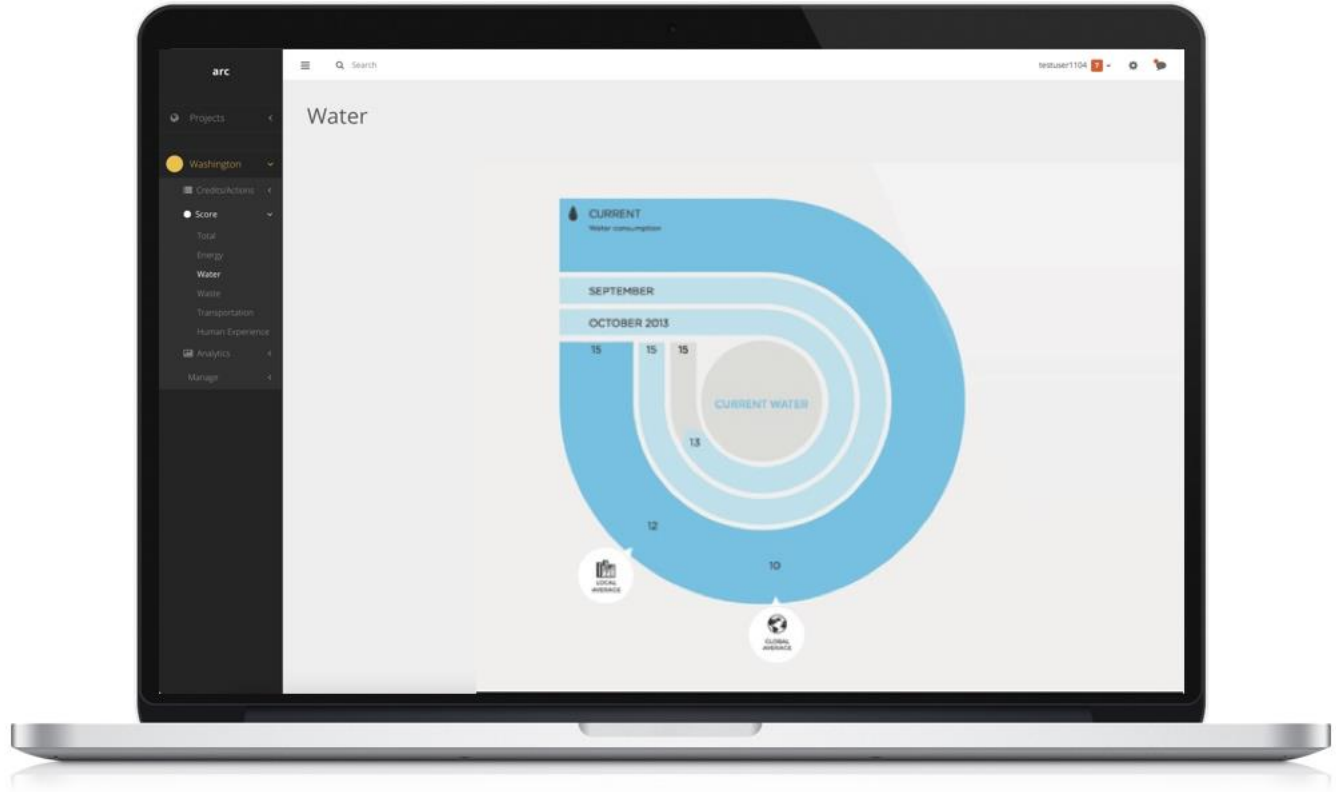
ENERGY SCORE: 0-33



WATER

- Water Consumption - Amount/ Year/Person

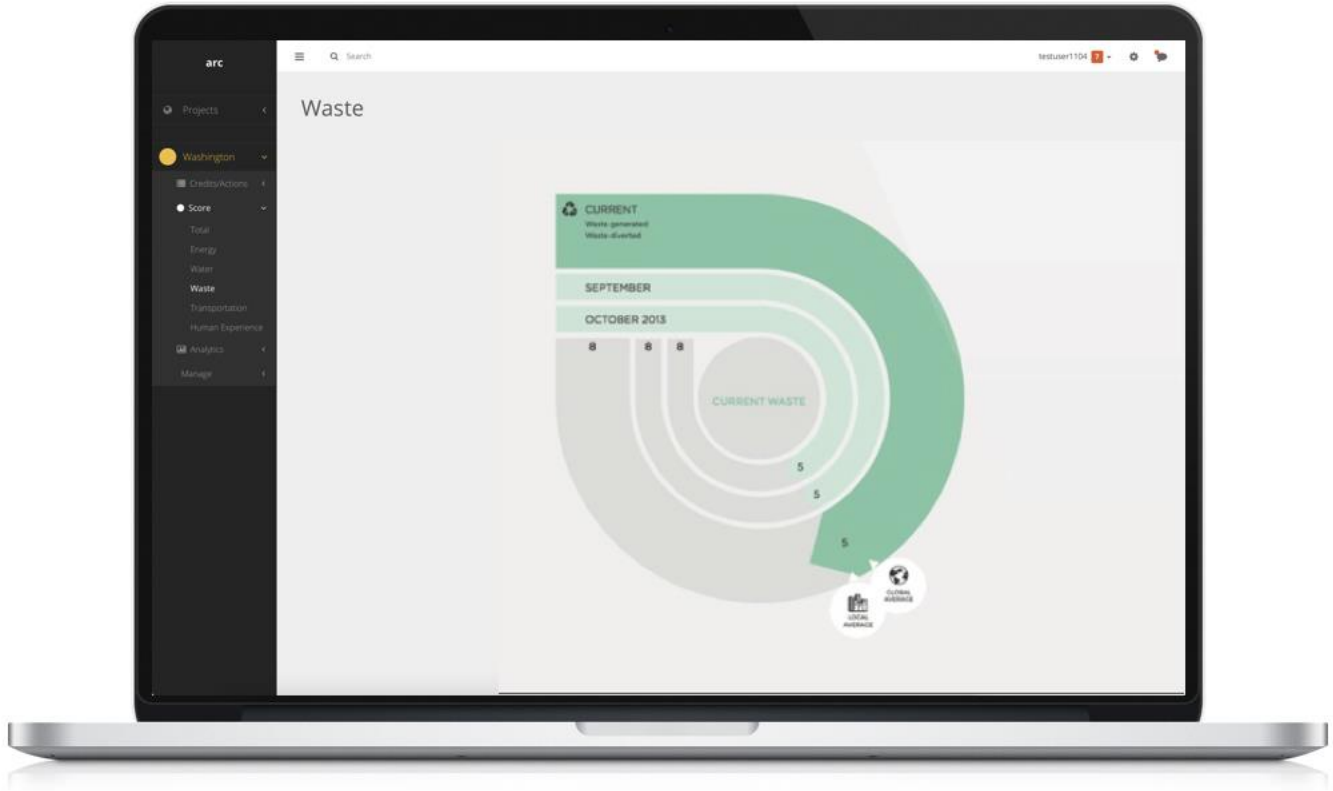
WATER SCORE: 0-15



WASTE

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

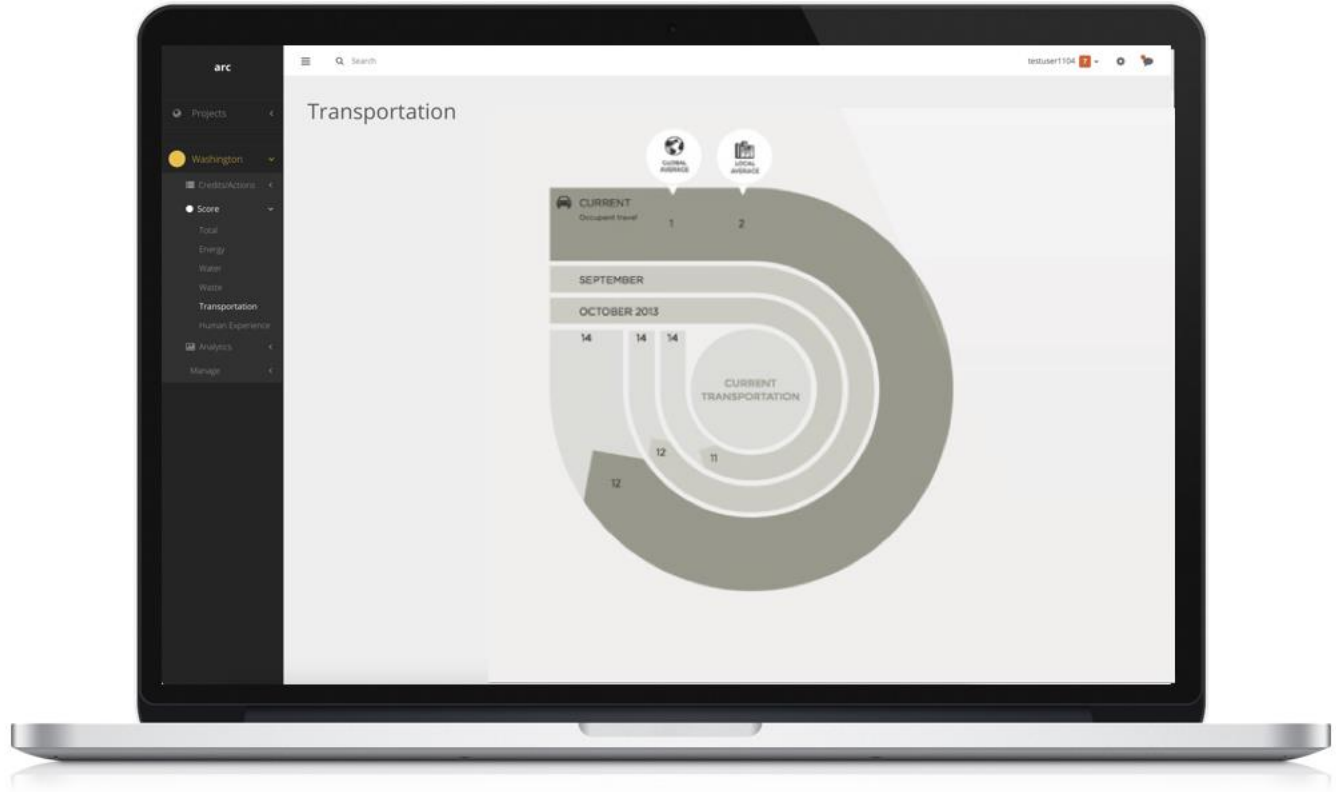
WASTE SCORE: 0-8



TRANSPORTATION

- Distance traveled in individual vehicles daily

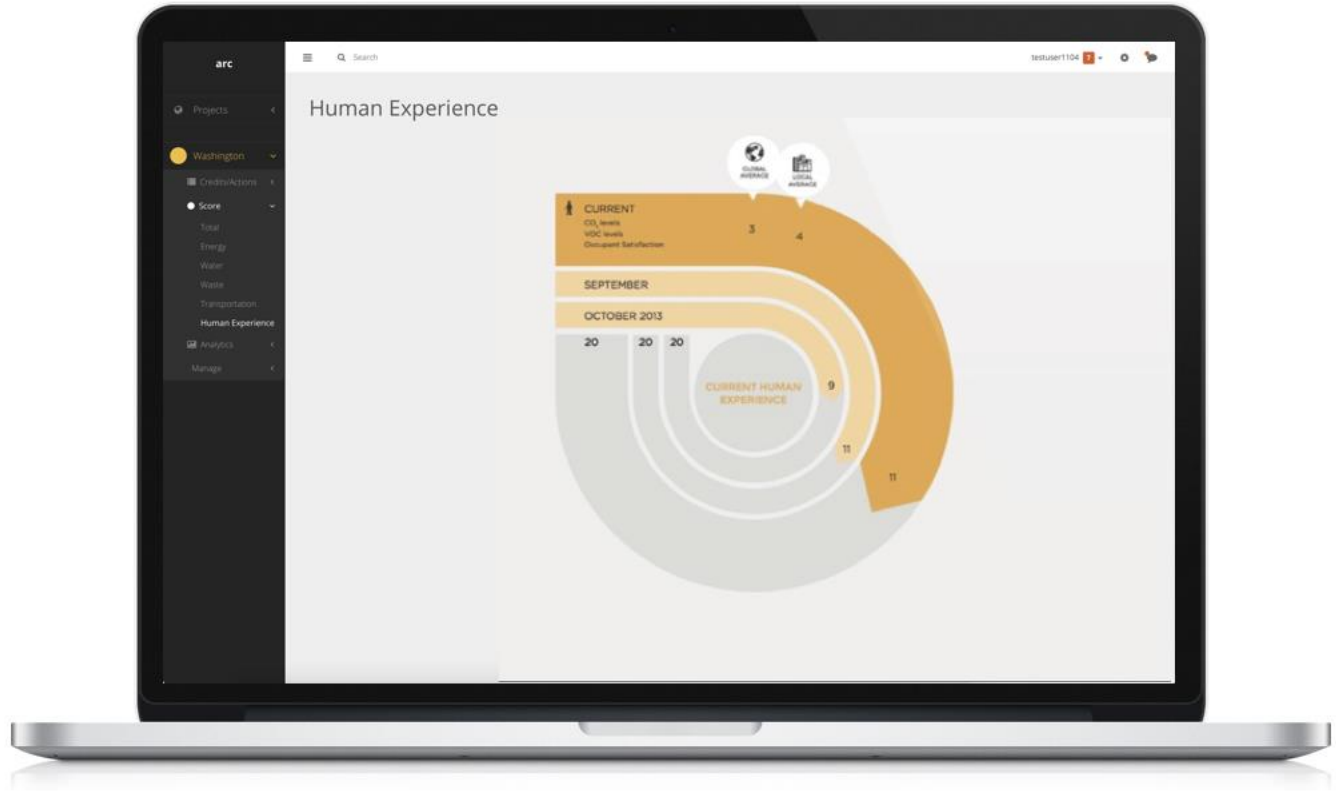
TRANSPORTATION SCORE: 0-14



HUMAN EXPERIENCE

- Population with (at least) High School Degree, Unit: % of Population 25 Years And Over
- Population with (at least) Bachelor's Degree, Unit: % of Population 25 Years And Over
- 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



OPEN & INTEGRATED

STRATEGIES

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

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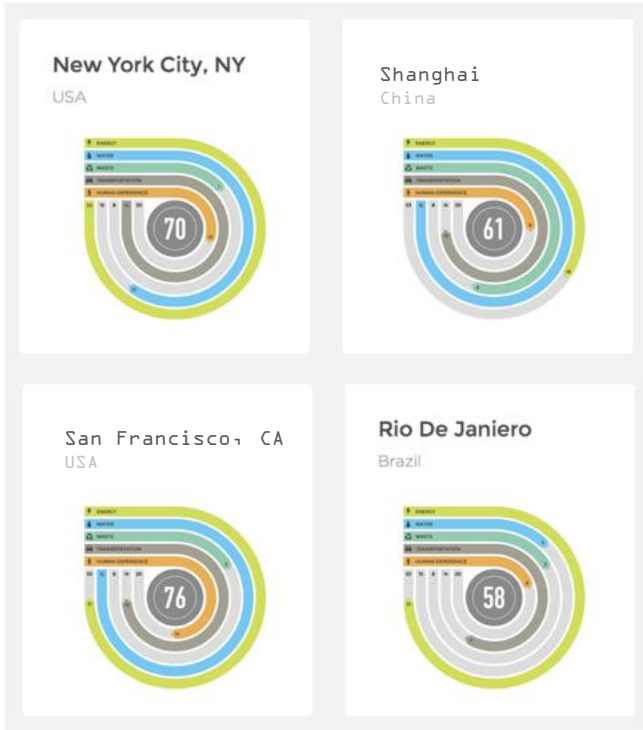

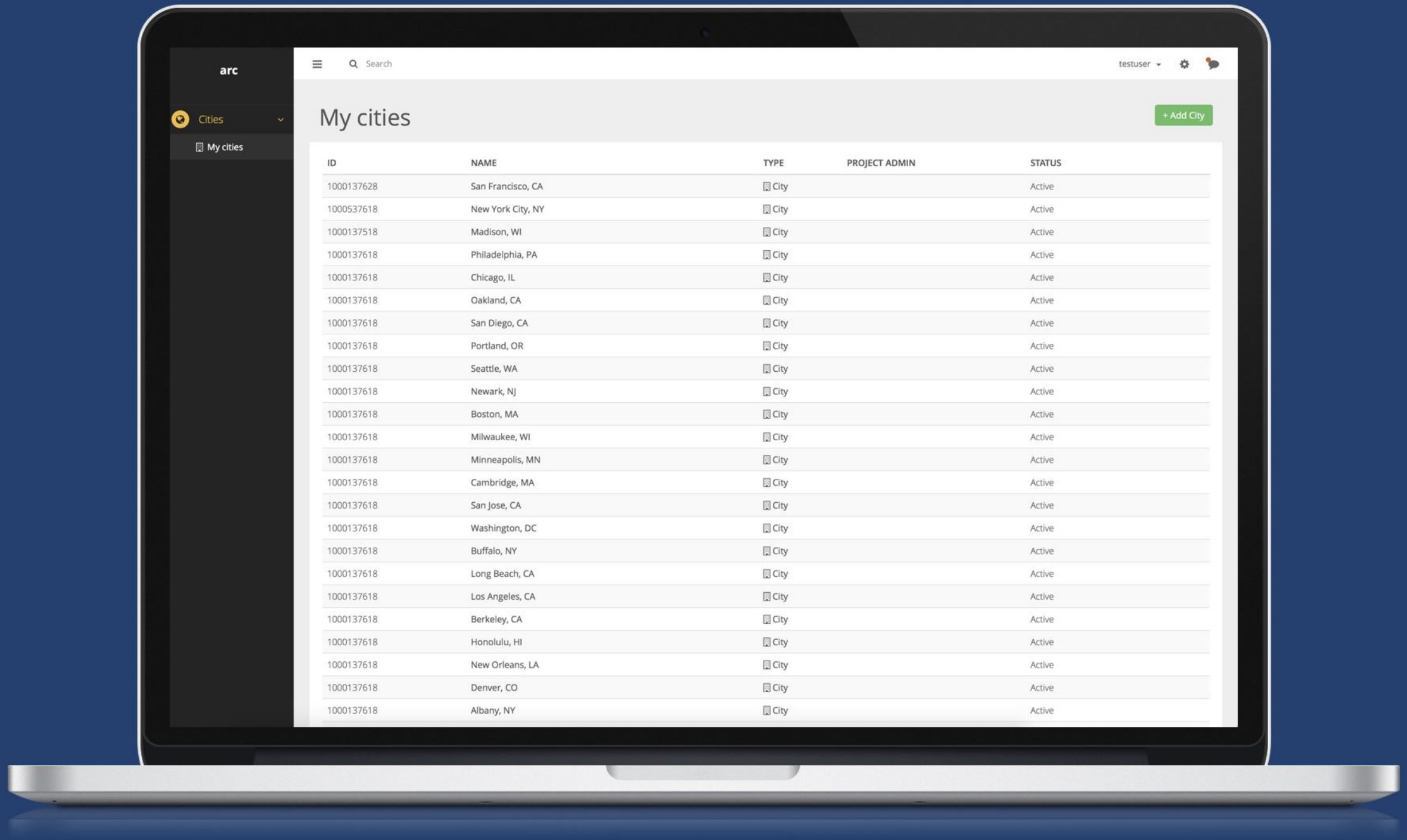
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+ Add City
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TYPE
PROJECT ADMIN
STATUS
1000137628 San Francisco, CA City Active
1000537618 New York City, NY City Active
1000137518 Madison, WI City Active
1000137618 Philadelphia, PA City Active
1000137618 Chicago, IL City Active
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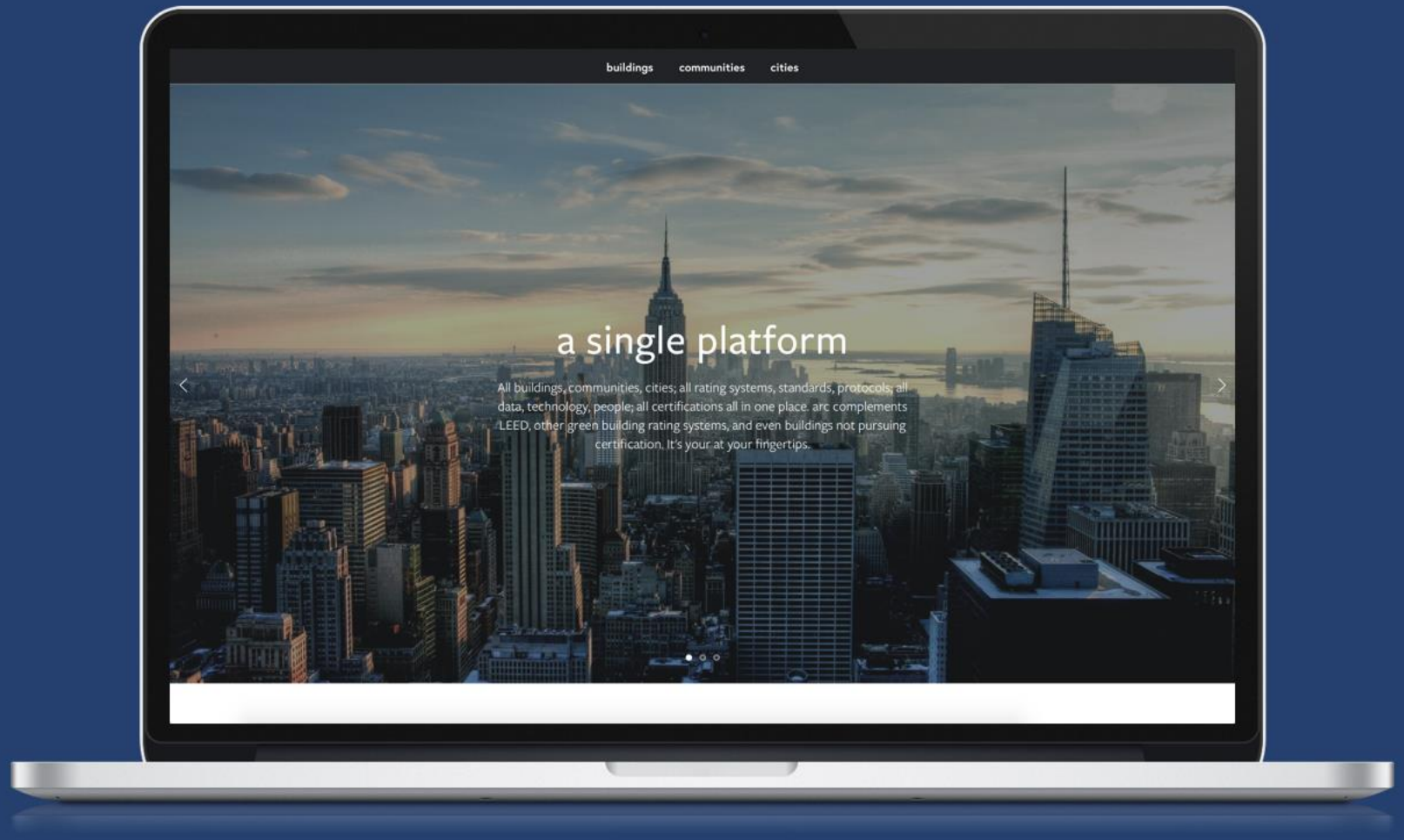
1000137618 New Orleans, LA City Active
1000137618 Denver, CO City Active
1000137618 Albany, NY City Active

RESOURCES

- arcskoru.com
- contact@arcskoru.com
- LEED for Cities requirements: usgbc.org/cityperformance
- Guide to LEED Certification: usgbc.org/cert-guide
- Arc Playlist on USGBC's YouTube Channel: youtube.com/usgbc
- Pricing: usgbc.org/cert-guide/fees#cities



LET'S GET STARTED!