



Challenge Areas

- Cleaning up our energy
- Louisville is one of the fastest growing urban heat islands in the nation

Key Initiatives

Louisville was the first city in Kentucky to commit to 100% renewable energy

With the passage of the 100% Renewable Energy resolution in February 2020, Louisville joined other cities across the nation making the commitment to investing in clean, renewable energy for our community with the passage of three goals:

- 100% clean electricity for Louisville Metro Government operations by 2030
- 100% clean energy for Louisville Metro Government operations by 2035
- 100% clean energy community-wide by 2040

For more information visit www.100percentlou.com

Solar Over Louisville



Solar Over Louisville solarize campaign to give households in the greater Louisville region the opportunity to go solar together and support the city's 100% clean energy goals. The campaign helps connect participants to a vetted solar installer, providing a step-by-step walk-through of the solar installation process, and gives households bulk-purchasing power to obtain discounted wholesale rates for solar installation currently discounted between 12-19%.

University of Louisville – Christina Lee Brown Envirome Institute

- Focus on how natural, social, and personal environments impact health.
<https://louisville.edu/envirome>

Green Heart Louisville

- Cutting edge research to see if increasing green space in a neighborhood improves air quality and human health with the goal of developing a “greenprint” for creating healthier neighborhoods.
- Focus on VOCs and cardiovascular health
<https://greenheartlouisville.com/>

New Vision of Health Campus

The facility will help the school continue its pioneering work addressing holistic health challenges for Louisville and beyond, by engaging officials in the industry along with lawmakers and other community members to study how natural, social and personal environments impact health.

<https://www.courier-journal.com/story/news/local/2022/05/25/university-of-louisville-new-downtown-campus-muhammad-ali-boulevard-buildings/9907899002/>



Kentucky Proud®

Kentucky Proud stands for foods, nursery items, crafts, agritourism sites, farmers' markets, state parks, and many other products and destinations with roots in Kentucky soil. Kentucky Proud foods are raised, grown, or processed in Kentucky by Kentuckians. You can serve Kentucky Proud foods to your family with the confidence that they came from your friends and neighbors just down the road — not from thousands of miles away.

When you buy a product with the Kentucky Proud label:

- You are buying the freshest, most nutritious food possible.
- You are keeping your dollars close to home.
- You are helping a Kentucky farm family earn a living.
- You are reducing the miles that the food has to travel from the farm to your plate.
- Look for the Kentucky Proud logo at your favorite grocery, restaurant, or farmers' market.

<https://www.kyproud.com/why-buy-ky-proud.html>

Recognition

- Louisville was awarded the U.S. Green Building Council's [LEED for Cities Silver certification](#) in December 2021 for its work to increase sustainability and climate resilience.
- For the second consecutive year, Louisville was named to the [Carbon Disclosure Project \(CDP\)'s A List](#), among less than 100 other cities for its actions to develop robust climate change strategies, track and reduce greenhouse gas emissions, assess and mitigate climate risks, and transparently report this information.
- Louisville was selected to participate in the [100 Resilience Cities Network](#), an international program pioneered by the Rockefeller Foundation to help cities prepare residents for changes in climate. Louisville is developing a plan to alleviate inequities and prevent future burdens from being placed unevenly on already suffering populations.

Additional achievements can be found here:

<https://louisvilleky.gov/government/sustainability/achievements-and-recognition>

Hospitality Industry

Kentucky International Convention Center - LEED Silver certification

Key features, including plumbing and lighting, were designed to meet LEED Silver standards. Energy-efficient and sustainable features include:

- Water efficient low-flow plumbing fixtures, achieving a 32% reduction in total water usage.
- Facility designed using Whole-Building Energy Simulation Modeling resulting in 23.64% savings in energy cost.
- LED lighting throughout the building
- Diverted 85% of construction waste from landfills to be recycled.
- 100% of indoor spaces have controllable lighting via occupancy sensors.
- In partnership with Louisville Water Company, the venue features 25 water filling stations throughout the facility to reduce the need for disposable bottles.
- Reduction in food waste and support for local services
 - The convention center partners with Levy Restaurants to reduce food waste through food donations to The Healing Place and composting.



Louisville Muhammad Ali International Airport (SDF) will be home to the largest geothermal heating and cooling system at any airport in the country. And potentially, the latest system in the U.S. period. \$21.7 million project, which broke ground in September 2021, The LRAA said the geothermal system will result in an 80% drop in carbon emissions and a \$400,000 annual cost savings compared to a typical HVAC system. It's also expected to last two to three times longer than a traditional system. Project is set to be complete in 18 months.

Promoting Walkability and Alternative Transportation

There are plenty of ways to travel around Louisville without renting a car. In addition to car- and ride-share services, the city also has a bike-sharing company called LouVelo as well as several electronic scooter companies with a heavy presence downtown and the surrounding neighborhoods.

LouVelo

Anyone can rent a LouVelo bike and easily pedal around town. With 300+ bikes and 39 stations across downtown Louisville, Old Louisville, NuLu, Butchertown & Jeffersonville Indiana, finding a LouVelo station is quick and easy, as well as checking out a bike and returning to any station within the system. Visit <https://www.gotolouisville.com/directory/louvelo/> for more information.

Electronic scooters

Operators in Louisville include Bird, Lime, Bolt and Spin. Bird and Lime are the primary operators as not all companies operate year-round. These scooters can be easily located within their individual app platforms or when using some general transit apps.

Walkable city

Louisville also boasts a very walkable downtown with many of the city's top attractions and urban bourbon distilleries all within several downtown blocks.

Community Service Projects

Louisville Grows

<https://www.gotolouisville.com/meeting-planners/destination-services/plan/leave-a-legacy-in-louisville/>

Potential Partners

Products

Kentucky Proud®

Louisville Pure Tap™

Bourbon Products – Wood crafts like bow ties, the spirit, food

Moss Hill Bath and Body

Venues

Green Building

Speed Art Museum

Angel's Envy Distillery – Toast the Trees

Louisville Sustainability Summary
June 2022



Copper & Kings – Solar Powered Stills
Ashbourne Farms
Gheens Foundation Lodge
Repurposed on Main
Waterfront Botanical Gardens
Logan Street Market
Maddox & Rose Marketplace

Restaurants/Catering

Decca
Barn 8 Restaurant at Hermitage Farm
Naïve Restaurant
Crushed Ice Catering
Wiltshire
Farm to Fork
In Season