A GREENER
NEIGHBORHOOD
IS A HEALTHIER
NEIGHBORHOOD
GREEN HEART

WHAT IF WE COULD DESIGN CITIES THAT IMPROVED OUR HEALTH?

The Green Heart Project explores how we can design cities to improve our health. The Green Heart Project will create a new blueprint for the way we build cities - a greener one that makes it easier to be healthy.

Our environment is made up of the infrastructure around us, buildings, roads, parks, sidewalks, sewers, and power lines. Our environment has a profound impact on how healthy we can be; we must have healthy air, water, and soil to be healthy people.

IN MANY WAYS, WE'VE BUILT OUR CITY ENVIRONMENT TO WORK AGAINST OUR HEALTH

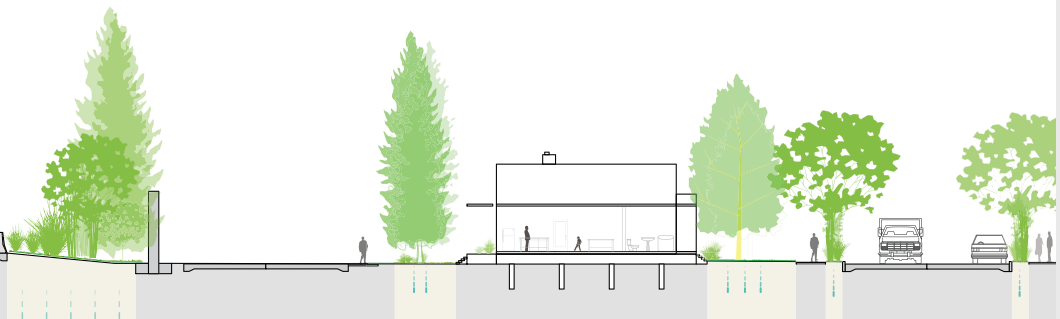
Louisville has received an "F" from the American Lung Association for annual ozone days since 2012.

Our air quality is worse than most other places in Kentucky.

Our tree canopy loses about 54,000 trees per year.

Our aging sewer system is often overwhelmed by stormwater

The way we've designed our streets can make it difficult to access parks and green spaces.



THE GREEN HEART PROJECT WILL CREATE A NEW BLUEPRINT FOR CITIES

The Green Heart Project will test a new neighborhood design to learn how greenery, plants like trees, shrubs, grasses, and flowers, impact the health of neighborhood and the people who live there. Green Heart will find out if increasing green spaces can:

Reduce air pollution

Reduce stress

Increase interaction between people

Decrease risk of diabetes, obesity, and heart disease

Increase physical activity and time spent outside

THE GREEN HEART PROJECT WILL TAKE FIVE YEARS TO COMPLETE

In year one we measured air pollution, tree canopy, and health of people in the project community. Now, we are planting trees, shrubs, and grasses. Next, over the course of three years, we'll track changes in air quality, tree canopy, and health to understand how increasing green space impacted the neighborhood.

PARTNER WITH US!

- Schedule a meeting or presentation about Green Heart

CONNECT

CENTER FOR HEALTHY AIR WATER AND SOIL
lauren.anderson@louisville.edu

www.Louisville.edu/GreenHeart

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CENTER FOR ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCE

The Green Heart Project is a partnership between nonprofits, research universities, and local governments.

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