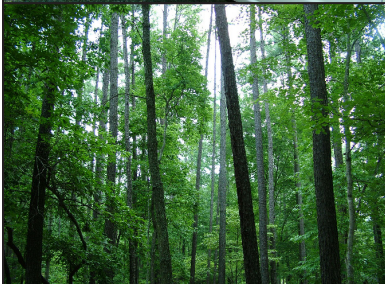


# TOP TEN WAYS CHAPEL HILL IS WORKING TOWARD CLIMATE PROTECTION

The Town of Chapel Hill is a model community for reducing greenhouse gas emissions. It is our mandate to actively pursue new sustainable initiatives.



## 1. Carbon Reduction

The Town has reduced operational emissions 6.7 percent per capita below 2005 levels (the base year).

## 2. Green Building Development

Developers are encouraged to design projects that are “20 percent more energy efficient”, maximizing the potential for energy conservation and use of renewable energy.

## 3. Walkable Redevelopment

The Town has been experimenting with various zoning strategies to encourage walkable redevelopment of existing, suburban commercial areas. Greater walkability can reduce vehicle trips and promote healthier lifestyles.

## 4. Green Municipal Buildings

New or expanded Town government facilities are built to the AIA 2030 fossil fuel reduction targets and the Leadership in Energy and Environmental Design (LEED) Green building Rating System.

## 5. Alternative Transportation

Since 2002, the buses have been fare-free in Chapel Hill, offering more than 6.5 million rides a year. The fleet itself includes over 40 hybrid-electric buses and the Town has just received funding to purchase two electric buses.

The Town has completed more than 23 miles of greenways and trails that allow pedestrians and bicyclists to quickly and safely move around the town.

## 6. Green Fleets

The Town’s use of fuel efficient and alternatively fueled vehicles has resulted in a 15 percent reduction in emissions from fleet vehicles since 2005 (non-Transit).

## 7. Community Emissions Reduction from Buildings and Vehicles

Through a grant from the U.S. Department of Energy, the Town offered a community-wide home energy savings program, resulting in annual community carbon reduction estimated at 665 metric tons across 365 completed projects.

## 8. Tree Protection/Open Space

Residents of Chapel Hill have supported and helped the Council identify, protect and preserve green spaces and critical natural areas, now totaling more than 700 acres.

## 9. Solar Energy

The Town has installed solar panels on its facilities and was awarded the gold level designation as a participant in SolSmart—a federal program that promotes solar adoption within local communities.

## 10. Environmental Stewardship Advisory Board

The Board provides guidance to the Planning Board and Town Council regarding environmental practices that protect, promote and nurture the community.



For information, visit [townofchapelhill.org/greencity](http://townofchapelhill.org/greencity) or contact the Town of Chapel Hill Community Resilience Officer at (919) 969-5075 or [jrichardson@townofchapelhill.org](mailto:jrichardson@townofchapelhill.org)