

Sustainable Communities Services

LEO

Providing a better quality of life now and for future generations.

What are sustainable communities? And why are they important?

The socioeconomic, technological, and environmental challenges we face today are unlike any others we have encountered in the past. How we plan, modify and build our communities going forward simply requires a different approach in order to address these challenges. Sustainable communities are the key to providing a better quality of life now and for future generations. They enhance social wellbeing by promoting safety, managing growth, effectively utilizing public transportation and pedestrian systems, conserving energy and providing cohesion within the area of the community.

Leonardo Academy understands the interactive relationship between people, the built environment and the natural environment. We can assist communities with goal setting and improved efficiency in order to seize opportunities to be more sustainable and remain competitive. We offer scalable, applied sustainability expertise to address a broad array of community operations and impacts. The ultimate objective is to enhance your community's security, vitality and livability.

Leonardo Academy is a charitable non-profit that is uniquely positioned to assist communities to address their specific operational concerns through the wide range of sustainability services we offer.

Overview of the Benefits:

- A partnership with Leonardo Academy, a non-partisan, nationally respected non-profit
- Enhance your community's economic competitiveness
- Inventory and data base creation of facilities, resource use and impacts
- Better infrastructure management through measurement and baseline comparisons
- Cost reduction through efficiency improvements
- Increased public investment effectiveness
- Portfolio-wide management of assets using current best practices and streamlined operating procedures
- Funding source development assistance (access to non-profit, federal, state and local partnerships and incentives)
- Resource protection and preservation
- Access to information from the international sustainability community
- Increased community health, livability and satisfaction
- A legacy for your community to be proud of



Key Service Areas

- Sustainable Buildings and LEED®
- Sustainable Transportation
- Organizational Sustainability Consulting and Reporting (includes Green Tier Legacy Community Charter planning and reports)
- Energy Efficiency Audits and Implementation
- Emissions Footprints and Reporting
- Training on Energy, Environmental and Sustainability Topics
- Sustainable Land Management
- Sustainability Metric Development
- Administration and Leveraging of Grants and Investments

Partnership Models

Leonardo Academy is a non-profit organization that can be your community's:

- Co-applicant for grants
- Grant facilitator
- Consultant on energy use reductions, emissions and sustainability consultant on data gathering and report writing

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Sustainable transportation is an important component of a sustainable community.

In 2011, Leonardo Academy worked with and provided grant funding to the City of Green Bay's transit fleet, Green Bay Metro (GBM) to reduce emissions from four of their transit buses. GBM operates 13 full service bus routes throughout the Green Bay, Wisconsin Metropolitan Area. Fixed route transit and paratransit services are provided to the cities of Green Bay and De Pere, villages of Allouez, Ashwaubenon, and Bellevue, and the Oneida Nation. Cumulatively, the public transit fleet of 37 buses has annual ridership of approximately 1.7 million and this number is projected to increase over the next year as people seek more sustainable and affordable modes of transportation.



This project allowed GBM to reduce 533 tons of CO₂, 14 tons of PM, and 15 tons of HC. Calculations also projected that the fleet also experienced operational cost savings with a 15 percent reduction in fuel usage.

For more information:

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Leonardo Academy

THE SUSTAINABILITY EXPERTS®

Sustainable Buildings: Kelly Creek Elementary School



Kelly Creek Elementary School, a K-5 elementary school located in Gresham, Oregon, was chosen as the grand prize winner for the Ford Motor Company sponsored Educate to Escape Contest. They received a number of green upgrades and assistance from Leonardo Academy with LEED-EB implementation and certification.

Training and Educational Outreach



Leonardo Academy has been providing comprehensive training on a wide range of sustainability topics since 2002. We are the Sustainability Experts® with over 30 years of experience in sustainability issues.