

Company Profile

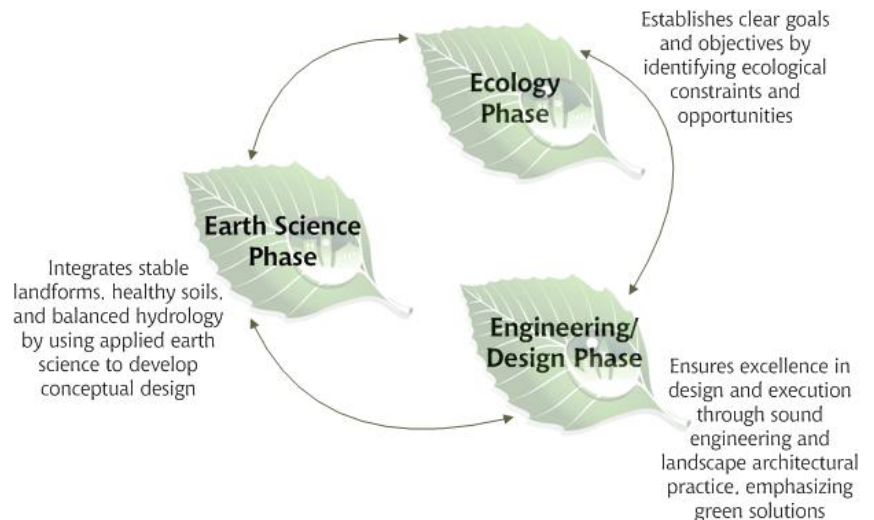


Bioengineering
GROUP

Our unique 3-phase, interdisciplinary approach to projects:

Since our founding in 1992, **Bioengineering Group** has been a pioneer in the field of ecological engineering and the application of sustainability principles to site planning, development, and infrastructure. A certified WOSB firm, we provide a full range of science, engineering, landscape planning and design, and construction management services. Distinguished by our interdisciplinary staff of ecologists, earth scientists, engineers, and landscape architects, Bioengineering Group is uniquely positioned to guide large-scale site development, renewable energy, and ecosystem restoration projects toward sustainable outcomes.

Today, communities and regulatory authorities are placing increased emphasis on sustainability and land use impacts and the need for regionally appropriate solutions that meet integrated water, energy, and climate management objectives. Highly skilled at addressing environmental and cultural objectives in our projects, Bioengineering Group employs green technologies, sustainable principles, and low-maintenance solutions to provide outcomes that are cost-effective, compliant with applicable regulations, and protect or restore the climate, habitats, and water quality. We incorporate state-of-the-art methods for Low Impact Development, featuring Best Management Practices such as green roofs, porous pavements, and bioengineered stormwater detention and gray water systems into our designs. We rigorously apply building science methodologies to devise energy demand reduction solutions based on building envelope improvements and efficient appliances. We select and design renewable energy systems for buildings and campuses featuring rooftop solar PV and wind, ground-source geothermal heating and cooling, and other sources. Not only do we determine Return on Investment for various methods, we assess value for energy security, greenhouse gas reduction, and outreach impact. In addition to providing cost-effective long-term operations, this approach often facilitates stakeholder approval and permitting.



Firm Highlights

- **LEED Gold Rating** - International Fund for Animal Welfare World Headquarters
- **LEED Silver Rating** - Charlestown Police Station
- **LEED Silver Rating** - Lexington DPW Facility
- **LEED Silver Rating** - Design-Build Child Development Centers at Ft. Campbell, Ft. Bragg, and Ft. Sill (in progress)
- CMAA Public **Project of the Year** - INS Border Patrol Stations (first Army Corps project based on LEED principles)
- **First Green New England District, USACE Facility** - Natick Thermal Labs
- AIA/COTE **Top Ten Green Project** - CT Water Purification Facility
- American Public Works Association **Projects of the Year** - Lexington DPW Facility
- Awarded New England's **Best Workplaces for Commuters** by EPA's New England office
- Awarded Business Achievement **Gold Medal Award** by Environmental Business Journal

Sustainable solutions do not have to cost more.
In fact, sustainable approaches can generate revenue.
We know – we've been doing it since 1992.

Service Offerings

Construction Management/ Design-Build



Ft. Campbell Child Development Center

Flood Control and Hurricane Protection Infrastructure



Plaquemine's Parish – Five Floodwalls

Parks, Open Space, and Greenways



Alewife Brook Greenway

Transportation



Seabrook Sector Gate Complex Design

Land Development, Site Planning, and LEED Design



International Fund for Animal Welfare World Headquarters

Watershed and Stormwater Management



South Central Connecticut Water Treatment Plant

Environmental Remediation



Kettle Creek Section 206 Mine Drainage Acid



Bioengineering
GROUP

Building Sustainable Communities
on an Ecological Foundation

Coastal, River, and Wetland Restoration



Grand Isle Beach Renourishment

Renewable Energy



Cape Wind NEPA Compliance Services

Research, Development, Policy



Energy Quality Flow Analysis for Ultra-Low Energy Communities

Community Process, Permitting, and Training



Honey Lake/Sierra Army Depot Base Realignment and Closure

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