



Genentech
Building 20 Office
LEED-CI Gold



Above and Beyond

A LEED Gold 50,00 s.f. tenant improvement, the space was originally designed with a goal to achieve LEED silver certification. Innovative approaches and increased employee awareness of their sustainable work environment helped push the team to achieve LEED Gold.

The new workspace was upgraded and modernized with a focus on technology, employee comfort and sustainability.

Designer: NBBJ

Received a 2012 IIDA NC Notable Award



Materials

Highly Renewable Materials: Throughout the duration of the project, materials were carefully chosen because of their recycled content and sustainability.

The carpets have an incredibly high recycled content, entry mats are from recycled car tires, wood is FSC-certified, pantry floors are recycled cork, and the furniture contains a high percentage of recycled content.

Selected adhesives, sealers, paints and coatings had low or no VOC's, and paint was certified by Green Seal.



Energy

Lighting Efficiency and Controls: The building has an energy management system and motion sensors; the result is 40% more energy efficient lighting. The energy efficient T8 fluorescent lamps provide a light source color spectrum as close as possible to daylight and have low mercury content. Finally, skylights were introduced, and the office plan kept open to maximize access to natural daylight throughout the space.

LEED 2009 : COMMERCIAL INTERIORS RATING SYSTEM

SUSTAINABLE SITES (SS)

- CREDIT 1 - Option 2, Path 5 Heat Island Effect- Roof
- CREDIT 1 - Option 2, Path 10 Water Use Reduction: 30% Reduction
- CREDIT 3.1 - Alternative Transportation- Public Transportation Access
- CREDIT 3.2 - Alternative Transportation- Bicycle Storage & Changing Rooms
- CREDIT 3.3 - Alternative Transportation- Parking Availability

WATER EFFICIENCY (WE)

- CREDIT 1 - Water Use Reduction

ENERGY AND ATMOSPHERE (EA)

- CREDIT 1.1 - Optimize Energy Performance- Lighting Power
- CREDIT 1.2 - Optimize Energy Performance- Lighting Controls
- CREDIT 1.3 - Optimize Energy Performance- HVAC
- CREDIT 1.1 - Optimize Energy Performance- Equipment & Appliances
- CREDIT 2 - Enhanced Commissioning
- CREDIT 4 - Green Power

MATERIALS AND RESOURCES (MR)

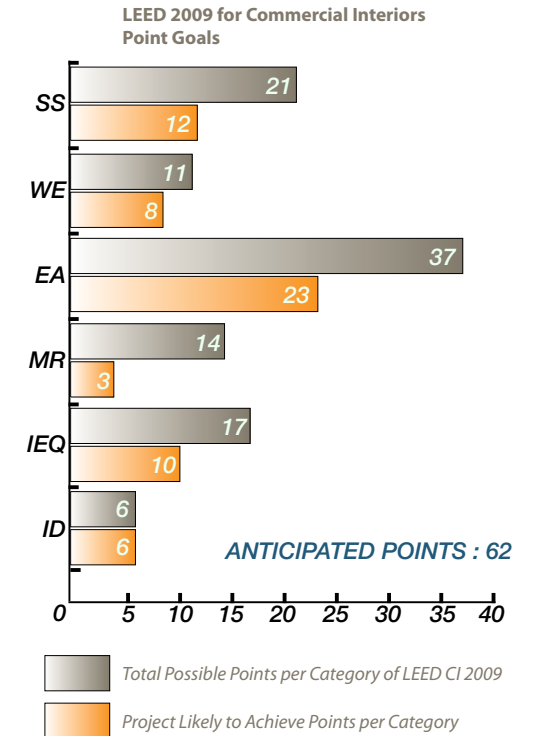
- CREDIT 1.1 - Tenant-Space-Long-Term Commitment
- CREDIT 1.2 - Building Reuse
- CREDIT 2 - Construction Waste Management
- CREDIT 3.1 - Materials Reuse
- CREDIT 4 - Recycled Content
- CREDIT 5 - Regional Materials
- CREDIT 6 - Rapidly Renewable Materials
- CREDIT 7 - Certified Wood

INDOOR ENVIRONMENTAL QUALITY (IEQ)

- CREDIT 2 - Increased Ventilation
- CREDIT 3.1 - Construction IAQ Management Plan-During Construction
- CREDIT 3.2 - Construction IAQ Management Plan-Before Occupancy
- CREDIT 4.1 - Low-Emitting Materials-Adhesives and Sealants
- CREDIT 4.2 - Low-Emitting Materials- Paints and Coatings
- CREDIT 4.3 - Low-Emitting Materials- Flooring Systems
- CREDIT 4.4 - Low-Emitting Materials- Composite Wood & Agrifiber Products
- CREDIT 4.5 - Low-Emitting Materials- Systems Furniture and Seating
- CREDIT 6.1 - Controllability of Systems-Lighting
- CREDIT 7.1 - Thermal Comfort- Design
- CREDIT 7.2 - Thermal Comfort- Verification

INNOVATION IN DESIGN (ID)

- CREDIT 1.1 - Innovation in Design- Low Mercury Bulbs
- CREDIT 1.2 - Innovation in Design- Light Power Density
- CREDIT 1.3 - Innovation in Design- Green Cleaning
- CREDIT 1.4 - Green Education
- CREDIT 1.5 - Innovation in Design
- CREDIT 2 - LEED Accredited Professional



LEED 2009 for Commercial Interiors

- Certified: 40-49 points
- Silver: 50-59 points
- Gold: 60-79 points
- Platinum: 80 points and above

(Currently tracking Gold and will achieve a minimum Silver rating)