

# crissy field center: a living lab



## FAST FACTS

- Completed: January 2010
- Construction time: Six months
- Designed/manufactured by Project FROG, San Francisco
- 7,500 square feet
- Four classrooms, three offices, gathering room, Beach Hut cafe

## GREEN FEATURES

- FROG modular construction used far less energy than traditional, on-site methods
- 78% of construction waste diverted from landfills
- 25% of construction materials made of recycled content
- EcoClad siding (post-consumer paper and bamboo fiber)

- Exterior panels made of redwood salvaged from railroad tunnel structure in San Rafael
- Reclaimed floor panels
- 100% low VOC (volatile organic compounds) paint, flooring, and adhesives throughout interior
- Clerestory windows reduce need for artificial lighting
- Sensors adjust lighting to occupancy and natural light
- 5,000-gallon rain catchment system supplies over 50% of toilet water
- Solar thermal panels heat most of the water used in the cafe
- Photovoltaic system generates a substantial portion of the electricity used at the Center

- Cool membrane roof, low-e windows reflect heat away

- 36% improved performance over California energy code requirements

- Advanced building monitoring system tracks energy usage/generation and environmental quality; real-time data gathered on online “dashboard” visible to public (coming soon)

## AWARDS/CERTIFICATIONS

- On track to attain LEED Platinum certification from U.S. Green Building Council
- Green Building Award (Northern California) from *California Construction*, 2010
- Environmental Achievement Award from National Park Service, 2011