



# INSTITUTE OF ECOTOURISM

Sedona, AZ

The Institute of EcoTourism (IET) is the first LEED Gold level certified building in the State of Arizona. The mission of the IET is to promote the experience of environmentally conscious tourism, sustainable community development, and place-based environmental education. Located in the beautiful red rocks of Northern Arizona, the project utilizes drought resistant landscaping to reflect the indigenous landscapes native to the region, while reducing water use for irrigation. Mechanical systems have been installed which significantly exceed ASHRAE requirements and daylighting is enhanced in the main gallery building by the presence of three tubular skylights, reducing the need for artificial lighting. Green Power is used exclusively to power the facility where visitors can explore topics of natural history, indigenous cultures and resource conservation with several state-of-the-art interactive exhibits and ongoing video presentations.



**ARCHITECT**  
CARTER-BURGESS

**LEED CONSULTANT**  
GREEN IDEAS

**CONTRACTOR**  
RYAN COMPANIES

## SUSTAINABLE STRATEGIES

- More than half of the site area outside of the building footprint has been restored with indigenous plants used to create local ecosystems
- Two-year renewable energy purchase agreement providing 705 kWh per month (8460 kWh/year)
- Use of adhesives, sealants, paints and composite wood products with low or no volatile organic compound (VOC) content
- Permanent temperature and humidity monitoring system operates throughout all seasons to ensure thermal comfort
- A comprehensive education program that includes permanent signage of green building features, educational outreach to the community, and daily green building and design tours

## PROJECT RESULTS

- LEED** for New Construction GOLD level achieved
- 37%** energy cost savings above ASHRAE 90.1-1999 energy standard
- 25%** reduction in potable water for domestic use
- 26%** of total building materials were manufactured from recycled content
- 98%** of construction waste was diverted from the landfill

## LEED Facts

LEED for New Construction v2.1  
Size: 7,816 SF  
Certification Date: July 2004



POINTS ACHIEVED	39/69
Sustainable Sites	7/14
Water Efficiency	1/5
Energy & Atmosphere	9/17
Materials & Resources	8/13
Indoor Environmental Quality	10/15
Innovation in Design	4/5

Think

Design

Build



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