

COCC Redmond Technology Education Center
Redmond, Oregon - Certified GOLD



About Earth Advantage

Our mission is to accelerate the creation of better buildings. In service to our mission we provide training, research, and certifications to building professionals across the U.S. Earth Advantage Residential certifications include: Zero Energy, New Home, Multifamily and Remodel. In addition to our own residential and commercial certifications we deliver a suite of other certifications that include: LEED® for Homes, ENERGY STAR, and Passive House.

BENEFITS

The comprehensive nature of the Earth Advantage Commercial program is designed to improve health, comfort, durability, energy efficiency and water efficiency while reducing operating expenses. Earth Advantage Commercial incorporates key high performance strategies through a streamlined set of cumulative measures which helps keep certification soft costs low. The result is a straightforward system for certifying mainstream small commercial buildings.

EAC FACTS

- > Accommodates buildings up to 70,000 sq. ft.
- > Designed for new construction and major renovations
- > Best suited for buildings smaller than 50,000 sq. ft.
- > No energy modeling required
- > Commissioning only required at Platinum level certification
- > No points system - prescriptive sets of measures
- > 30% average energy savings beyond code
- > Standards and tools referenced (partial list): FSC, GreenGuard®, Green Seal, Walk Score®, International Dark Sky Association, ENERGY STAR including Portfolio Manager
- > Energy Code Referenced: ASHRAE 90.1 - 2007
- > Project size range: 5,000 - 70,000 sq. ft. (systems must be compatible with the Advanced Buildings Core Performance Guide)
- > Typical Building Types: Office including Medical Office, Retail including Restaurants, Schools and Higher Ed, Public Assembly



earthadvantage[®]
COMMERCIAL

earthadvantage.org/commercial/

To learn more contact:

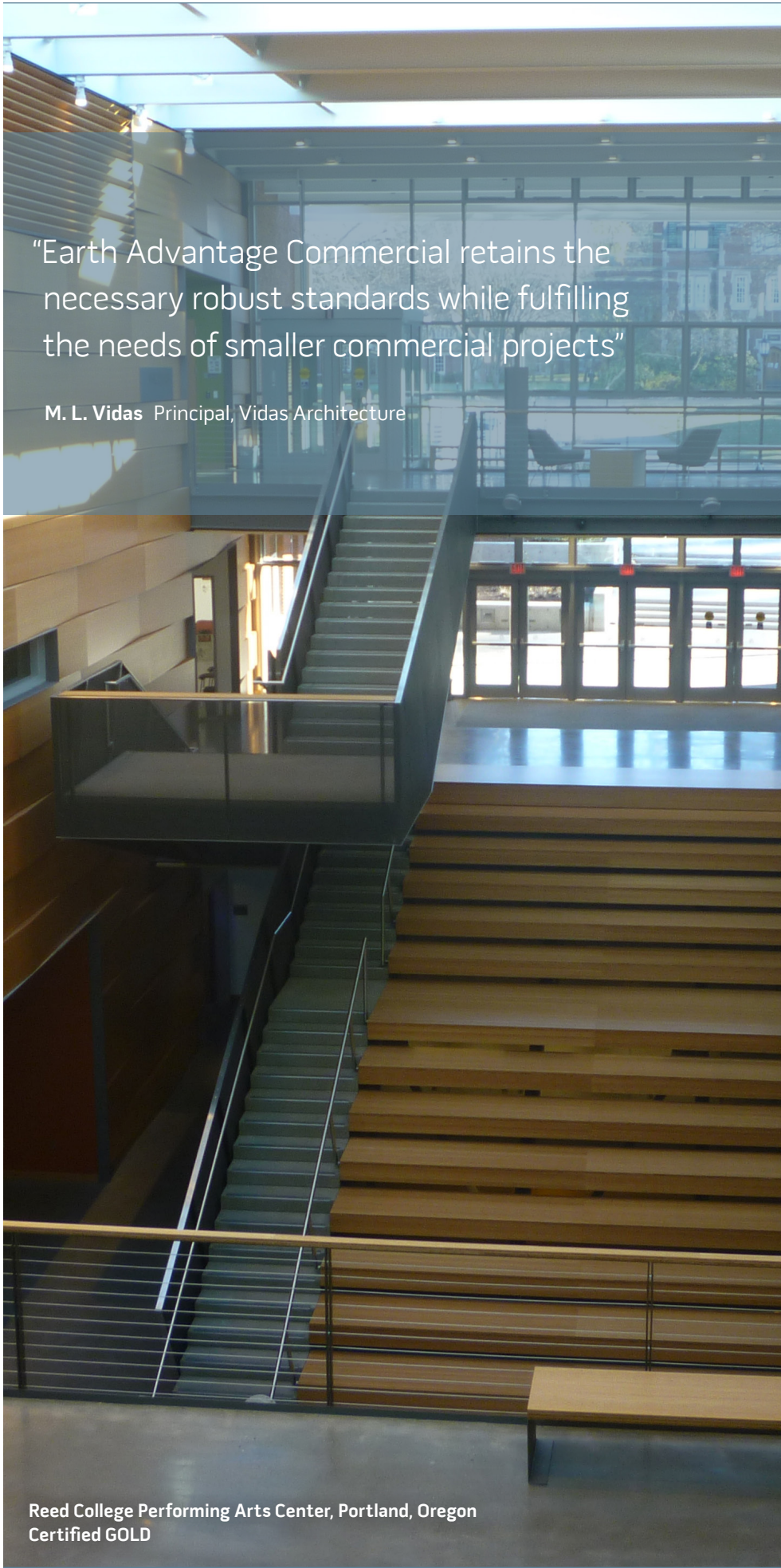
Peter Brown
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COCC Health Careers Center, Bend, Oregon
Certified GOLD



Small Commercial Building Certification

Earth Advantage Commercial is a straightforward system for delivering comprehensive certification to small commercial buildings.

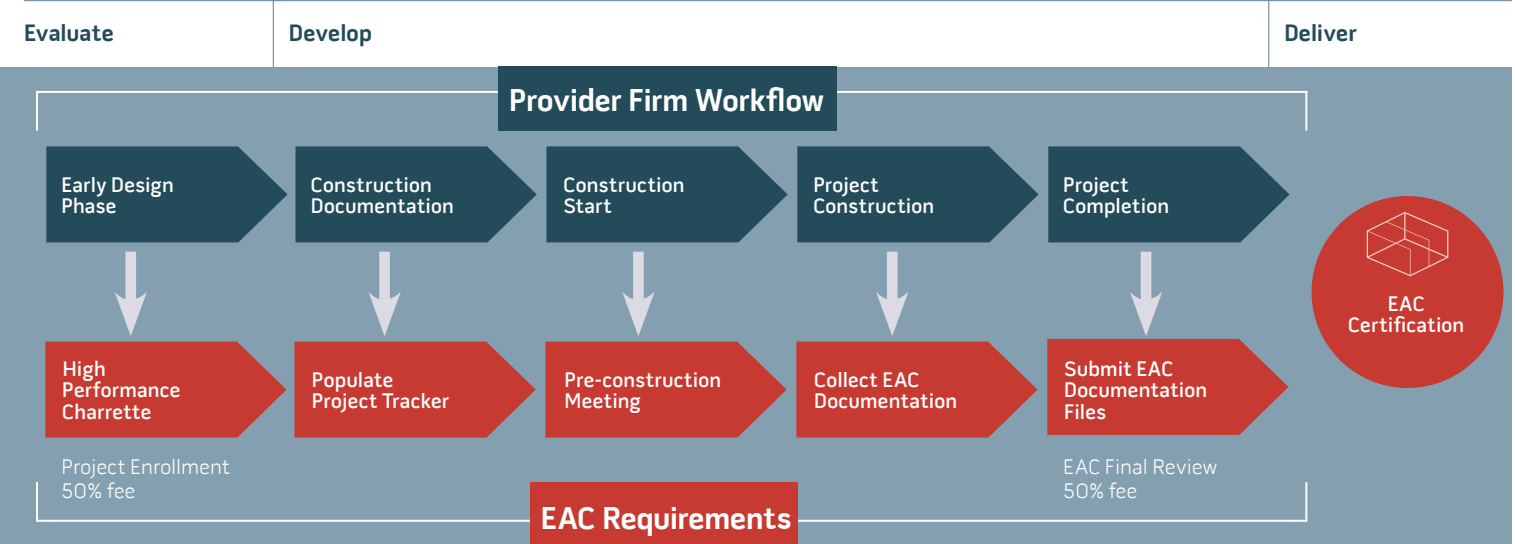


“Earth Advantage Commercial retains the necessary robust standards while fulfilling the needs of smaller commercial projects”

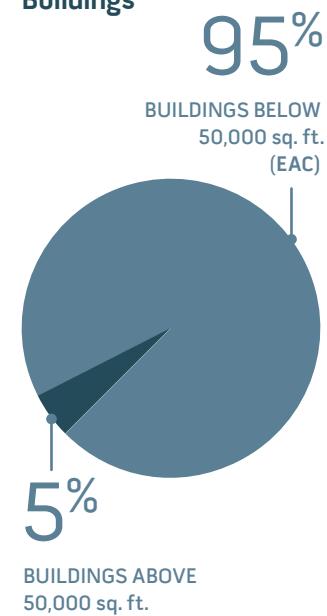
M. L. Vidas Principal, Vidas Architecture

Reed College Performing Arts Center, Portland, Oregon
Certified GOLD

Earth Advantage Commercial: Designed to fit your workflow



Number of Commercial Buildings



500,000

NEW COMMERCIAL BUILDINGS OVER THE NEXT 3 YEARS*

55%

PERCENTAGE OF TOTAL PROJECTS THAT WILL BE GREEN BY 2015*

*Based on McGraw Hill 2013 Dodge Construction Green Outlook

MAINSTREAM PROJECTS

Earth Advantage Commercial Certification is specifically designed to help many small commercial projects realize their full potential.

COST EFFECTIVE

The primary barrier to certification for small commercial projects is cost. Earth Advantage Commercial significantly reduces soft costs compared to traditional points-based programs. The program has a flat enrollment fee and a straightforward delivery system based on cumulative measures, not points. In addition, energy modeling is not required and commissioning is only required at the Platinum certification level.

STREAMLINED

Earth Advantage Commercial streamlines the certification process by grouping measures into bundles that build on one another as the certification level increases. The result is a clearly structured path that avoids the complexity of a points-based system. Program guidance tools assist with tracking measures, creating checklists and organizing the final documentation files for project certification.

COMPREHENSIVE

Earth Advantage Commercial is organized into five categories of measures: energy, water, health, materials and land. Measures are selected based on industry best practices and strategies that are

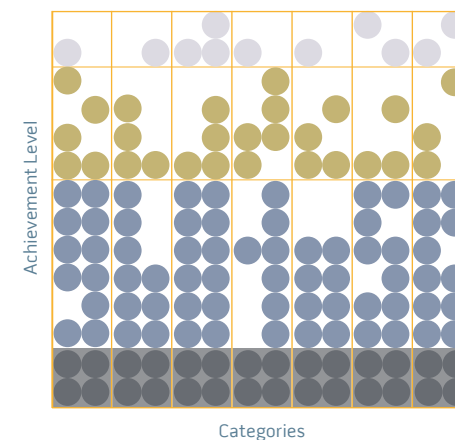
approachable and effective. Energy measures are based on New Buildings Institute's Advanced Buildings Core Performance Guide resulting in a 16-50% improvement of energy performance compared to ASHRAE 90.1-2007.

PROVIDER FIRMS/PROJECT STEWARDS

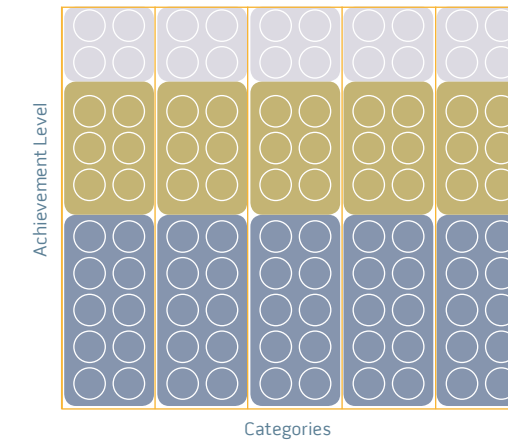
Provider Firms are architecture, engineering or green building consulting firms qualified to enroll projects in the Earth Advantage Commercial system. Provider Firms pay a small annual fee and maintain a Project Steward on staff. Project Stewards are Earth Advantage Commercial accredited professionals who guide projects through the certification process.

CERTIFICATION FRAMEWORKS

Points Based Systems



EAC System



EAC is organized into prescriptive bundles of measures to create a more streamlined process for implementation of measures on small projects. This also results in a system where all categories increase their effect on certification equally.

Bundled Measures

KEY: ■ Platinum Level Achievement ■ Gold Level Achievement ■ Silver Level Achievement ■ Prerequisites