



> **Green Globes for New Construction**
GROCERY: Whole Foods

WHOLE FOODS MARKET USES GREEN GLOBES® TO IMPROVE SUSTAINABILITY AND OPERATIONAL EFFICIENCY

Whole Foods Market began using the Green Globes for New Construction program in 2009 to assess and certify the sustainability of new stores. To date, almost 50 stores have been certified or are now in the Green Globes process. In 2013 Whole Foods expanded its sustainability efforts by taking its first existing building through Green Globes, a store in the Hollywood district of Portland, Ore. Certifying an existing building provided the added benefit of improving operation efficiency.

Construction Project Manager for Whole Foods' Pacific Northwest region Bob Gordon says certification was straightforward. "I submitted responses to an online questionnaire and an Assessor walked through the building with me. It was an extremely transparent and painless process."

In particular, Gordon was pleasantly surprised at how helpfulness, the Green Globes assessor was. "He asked insightful questions and actually participated by assisting me identify and locate the documentation needed to achieve our rating," recalls Gordon. "He remained available throughout the process, and his input was extremely valuable,"

"I definitely recommend the process. If you're looking for ways to reduce your building footprint or wondering where your facility stands on the green spectrum, this process has a lot of merit."

BOB GORDON

Construction Manager for Whole Foods' Pacific NW Region

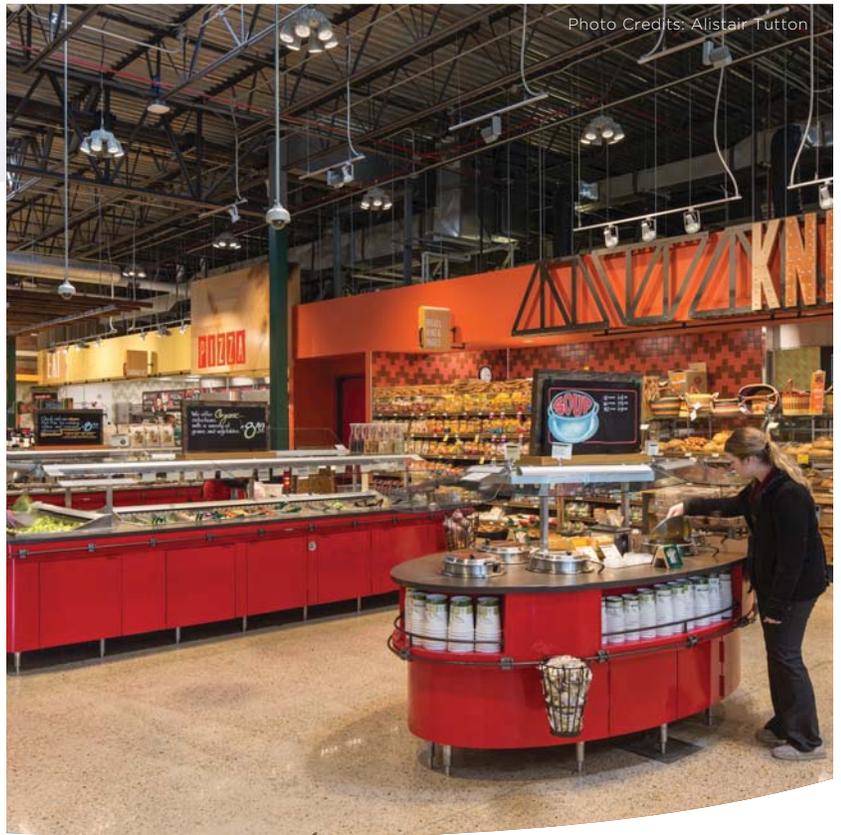


WHOLE FOODS EARNED POINTS THROUGH GREEN GLOBES FOR:

- *Water savings* - Grocery stores can reduce the amount of water used to keep fruits and vegetables fresh. Water performance criteria in Green Globes help to identify the sources and quantity of potential water waste.

- *Energy performance* is measured in several areas including freezer and refrigerator cabinets that can use tremendous amounts of energy. A building envelope survey that includes condensation, moist air transfer, air flow, and heat transfer establish a baseline condition as a foundation for periodic performance surveys to help keep savings on track.

- *Indoor Environment* - Indoor air quality is a major concern for grocery stores. Daylight infiltration, and green cleaning and pest management practices provide a healthy space. Indoor Air Quality audits ensure goals are met.



ASSESSOR INVOLVEMENT

With the Green Globes Assessor's hands-on involvement and availability throughout the process, Whole Foods discovered that many of its existing efforts already aligned with Green Globes certification criteria.

For example, the current system for reusing and purifying water dramatically reduces the quantity needed. In the future, Whole Foods may implement a company-wide water management plan, which would attain additional certification points.

The company has multiple technologies in place that reduce energy usage such as high-efficient dedicated chiller systems, and it recently retrofitted its cases with LED lighting. Dedicated exhaust hoods in cooking areas and the use of environmentally friendly cleaning products and pesticides provide cleaner air, and the store's design excelled at providing daylight.

During the walk-through, the Green Globes assessor honed in on items overlooked during daily operation, and offered simple action items and basic preventative maintenance measures to improve indoor air quality. "The comprehensive evaluation looked at both how the building was built and how it is operated. It will help us piece together a preventative maintenance program for the whole region," says Gordon. "In the long-term, the Green Globes suggestions save money and enhance the facility."

Gordon sees particular advantages in having a Green Globes assessment during the design phase of a remodel on an older building. He notes that the assessor's expertise and feedback would greatly assist the architect and engineer as they examine the goals and budget, and identify green measures to solidify the scope of work.

> GREEN GLOBES RATINGS

Once an assessment is verified by a third party, properties achieving a score of 35% or more receive a Green Globes rating based on the percentage of total points (up to 1,000) achieved.

85-100% FOUR GREEN GLOBES

Reserved for select building designs which serve as national or world leaders in energy and environmental performance. The project introduces design practices that can be adopted and implemented by others.



70-84% THREE GREEN GLOBES

Demonstrates leadership in energy and environmental design practices and a commitment to continuous improvement and industry leadership.



55-69% TWO GREEN GLOBES

Demonstrates excellent progress in achieving eco-efficiency results through current best practices in energy and environmental design.



35-54% ONE GREEN GLOBE

Demonstrates movement beyond awareness and commitment to sound energy and environmental design practices by demonstrating good progress in reducing environmental impacts.

