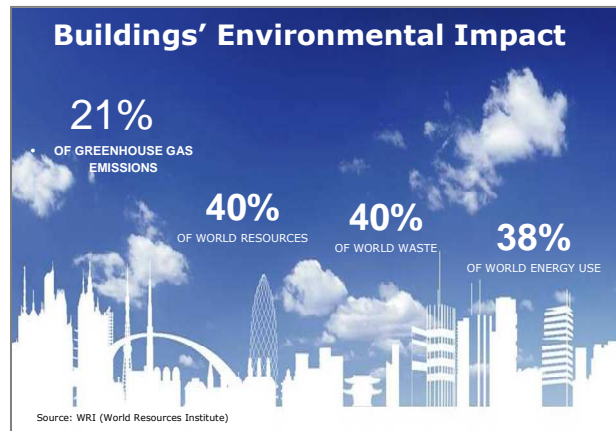


The American Institute of Architects Continuing Education System

AIA/CES Registered Provider Program Summary Handout



Provider: DuPont Building Innovations

Length: 1 hour

Program #: GREEN1

Credits: 1 LU Hour

Program: Sustainable Building Enclosure Design

HSW: Yes **SD:** Yes

Description:

This seminar will help you understand how to achieve a sustainable building enclosure which includes energy efficiency, durability and IEQ/occupant comfort.

The seminar is organized in 4 sections:

1. The first section is a brief review of buildings' impact on the environment and the need for sustainable buildings.
2. Second section will review the main attributes of a sustainable building enclosure and will describe the main design strategies to achieve an energy efficient and durable building enclosure while providing a safe and comfortable indoor environment for the occupants.
3. Third section will highlight the impact of air leakage on the sustainability of building enclosure. Air leakage can transport heat, moisture and contaminants hence it can impact the main sustainability attributes of the building enclosure (energy efficiency, durability and IEQ/occupant comfort).
4. The last section will address potential air barriers contribution towards LEED® credits, with specific focus on contribution to energy savings.

Learning Objectives: After attending this seminar, you will be able to understand

1. Why sustainable buildings are an imperative of our times
2. What are the main attributes and design strategies for a sustainable building enclosure
3. Air leakage impact on the sustainability of the building enclosure and the latest advances in air leakage control
4. Potential contribution of building enclosure airtightness to LEED points

Target Audience: Architects, Design Professionals, Specifiers, Owners, Contractors, Code Officials, Building Envelope Consultants, and Students. This program meets every experience level with time designed into the program for questions and answers.

