

RESNET Conference - 2008

**Making Sense of It All: LEED-H,
Environments for Living, ENERGY STAR,
Indoor Air Package, Health House, etc**

**Steve Klossner
ALA Health House Technical Director**

Health House beginning



- **Health House first demonstration project 1993**
- **Alternated new construction and remodeling demonstration projects until 1998**

Health House beginning



- **In the early years there were no national programs out there that dealt with IAQ and regional and energy builder programs were just getting traction**

Changing Building Programs



- **Mid 1990 to present - building programs have become national and more technical in nature**
- **Several hundred programs if one includes all the green and energy programs are currently available**

Changing Builder Programs



- **Last 5 years has seen an increase in builder and green programs that have IAQ components**

Health House Intent - 1993

- **Our original intent was to develop a consumer based program**
- **That is where we have an influence in the process**
- **Health House will also include information for consumers on how to improve their existing homes or recommendations for remodeling.**

Health House New Directions



- **Will continue to develop and maintain Health House Guidelines and develop new guidance for remodeling and maintaining homes**
- **Will look to integrate our Guidelines into existing builder programs where applicable**
 - **ALA Health house logo usage will be an add on to existing programs**

Health House web site

- **Web site is being redone as a consumer information clearing house**
- **Healthy People, Healthy Planet, Healthy Pocketbook will be our new consumer message**
- **Existing programs and providers of those programs will be linked from our site**

Health House Compare

- **EFL**
 - Several builder levels
 - GE Ecomagination Home Builders Program
- **Energy Star**
 - Has own IAQ label
- **LEED**
 - Has several levels of IAQ components
- **EarthCraft**

Environments For Living Certified Green Program Compare



Environments For Living Certified Green Program

1. Internal Water Management
2. Appliances
3. Water Heaters
4. Lighting
5. Photovoltaic/PV Installations
6. Thermal Envelope Air Sealing
7. HVAC
8. Crawl space
9. Finishes and Furnishings

With American Lung Association Health House Requirements

1. SAME
2. SAME
3. SAME
4. SAME
5. SAME
6. 0.25 CFM/ft²
7. Filter upgrade to MERV 11
8. Unvented only
9. IAQ **PLUS** CARPET

Health House Compare



- **Health House was developed without an IAQ component**
 - **Was deliberate, based on the industry**
 - **Times have changed in the building industry**

Moving forward

- **Time has come to support other strong technical programs**
 - **With or without Health House integration**

- **Consumers are looking for answers**
 - **The plethora of programs has not resolved those questions**

- **Thanks**