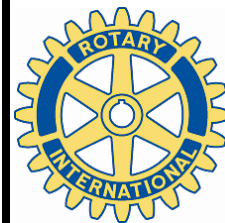




# The Rotary Big Wheel

Anderson, Ind.

April 3, 2007



## Green and Sustainable Building Design, Mike Montgomery

Rotarian Mike Montgomery is with K.R. Montgomery & Associates - Architects, located in downtown Anderson since 1978.

As an architect, he was quick to point out that our buildings consume our resources – 12% water use; produce 30% of greenhouse gas emissions; generate 65% waste output; and 70% electricity consumption. Unknowingly, the architecture and building community is responsible for almost half of all U.S. greenhouse gas emissions annually. Globally, the percentage is even greater.

The quality of our environment has a tremendous impact on our lives. The urban population spends 90% of their time indoors.

In the U.S. we build about 5 billion square feet of new construction each year and about 5 billion square feet of renovated space per year. In the

next 50 years we may double the square footage we have now, and may replace half of the existing square footage. Through all this, there is a great opportunity to make things more environmentally-friendly.

The building industry has changed, and green is everywhere. An architect was hired to render a green and sustainable stadium for an issue of Sports Illustrated. At trade shows, green has taken over discussions, displays and products.

So who sets the standards for a green building? It becomes a group responsibility – the United States Green Building Council (USGBC), consisting of architects, building owners, planners, builders, financial planners, code officials, engineers, and the list goes on.

The USGBC is a non-profit organization based in Washington D.C. The council is the

developer and administrator of the Leadership in Energy and Environmental Design (LEED®) Green Building Rating System – the standard scoring system for green and sustainable buildings.

Some LEED concepts have been practiced for a long time – daylighting, efficient mechanical systems, fresh air circulation, low off gas interior materials and dense urban planning.

A LEED Green Design isn't just a solar building or one made out of recyclables. There are five LEED credit categories for point distribution: sustainable site planning; water and water efficiency; energy and atmosphere; conservation of materials and resources; and indoor environmental quality

Certification is important to avoid "greenwashing" – saying you are completely green and sustainable, but in reality only have a bamboo

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## Invocation, Pledge and 4-Way Test: Nancy Taylor

### Rotary Moment No. 514, Rotary, Children and Medicine: Erich Ewald

The Easter Seal Society was an outgrowth from a Rotary initiative more than 80 years ago. In the 1970s Rotarians in New York began bringing children from overseas for open heart surgery not available in their native countries.

Some years ago our Rotary District began bringing children to Indianapolis for this "Gift of Life" surgery. The number has now reached about 70 children. You will remember the little Afghan boy. He was one of these.

Recently, for the first time, a medical team from Indiana

went to Jordan to perform surgeries on a number of Iraqi children, hence cutting the transportation costs.

American Rotarians are generous and have done wonderful things, but so do Rotarians in other parts of the world. In Australia, Rotary has organized a committee called Reaching Overseas with Medical Aid for Children — known by the acronym, ROMAC.

One such case was that of a small boy from the South Pacific island nation of Vanuatu, who was brought along with his father to Hawthorne, Victo-

ria for surgery to correct a congenital opening in his skull that permitted brain tissues to protrude. Portions of the skull had to be cut away and problems with his eyes corrected.

Rotarians have the initiative, the desire and the organizational ability to help children — whether that be in Australia where life was made livable for Adison Tule from Vanuatu, or in Indiana where Hoosier Rotarians have made life possible for children from Iraq.

Bob Shoemaker

April 3, 2007

## Good Fortune

*Your ingenuity and imagination will get results.*



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floor, for example. Green buildings worldwide are certified with a voluntary, consensus-based rating system. The USGBC has four levels of LEED:

- LEED certified – 26 points
- LEED silver – 33 points
- LEED gold – 39 points
- LEED platinum – 51-69 points

At least 21 states now require tax-supported projects to be LEED certified and tax credits are available for private projects. Most larger federal agencies require LEED certification. Indiana is beginning the debate on this issue. (Terri Austin has been a leader for this in the state house.)

Indiana currently has 24 LEED-registered projects, with two in Madison County — the 880,000 square foot Nestle Manufacturing Facility and the 3,600 square foot Madison Community Bank in downtown Pendleton.

A LEED building will cost less over its life, and the up-front costs may or may not be 1-2% higher. The buildings feature 30-70% energy savings; verified performance; increased value (higher re-sale and can charge higher rent); reduced liability and improved risk management; and enhanced productivity.

### Upcoming programs

Vocational Talks/Tips for Teachers	April 10
Scholarships	April 17
Faux Run, 6 p.m.—no noon meeting	April 24

### Announcements

**If you have an announcement you'd like to have made during a Rotary meeting, kindly call President Pam at 631-0844 or e-mail your announcement to [pamcoletti@aol.com](mailto:pamcoletti@aol.com) by Monday evening preceding the Tuesday meeting.**

- Suburban Rotary Club meets at Flashback Restaurant Friday mornings at 7. The business part begins at 7. \$5 make-up fee, plus food and tip.

### Happy Birthday



- David Happe, April 2
- Scott Wilkins, April 3
- Ron Duncan, April 8
- Maurice Caldwell, April 11
- Terrance Smith, April 13
- Dana Donahue, April 15
- Kathy Sumner, April 26
- Mike Zapolski, April 29

### Harold Phillips Literacy Fund



All members are encouraged to make a donation to the Harold Phillips literacy fund during the month of their birthday. The money is used to buy books for Madison County pre-schoolers in Head Start. See Pam Coletti or John Kane to donate.

### Guests

Cara Weber	Guest of Mike Montgomery
Marly Hardy Snyder	Guest of Lisa Floyd
Ken McCardy	Guest of Quinn Ricker
Derek Madinger	Guest of Paul Nicholson
Janine Hooley	Guest of Debbie Webb
Teresa Carter	Guest of Dana Donahue

### Visiting Rotarians

Bob Guindon	Fishers
Gail Chesterfield	Muncie Sunrise

### Make-ups

Charles Shumate	Pleasure Island, Gulf Shores, AL
Lynn Fields	Kokomo

### 50/50 Raffle



**Won by: Tammy Ihnat**  
**Total collected: \$44**