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ACKNOWLEDGEMENTS

Thanks to *Focus on Energy* for providing financial support for the SE² Award through their sponsorship of the SE² Conference!

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NOTES

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ABOUT THE AWARD JURORS:

Our thanks to the jurors, who offered their time and expertise to choose the 2006 SE² Award Winners.

JAMES BENYA, PE, FIES, IALD, LC, is Principal of Benya Lighting Design of West Linn, Oregon. He is a professional lighting designer and consultant with more than thirty years of experience. His design work has been published in numerous industry magazines, and he has lectured extensively on the professional conference circuit.

DONALD J. McLAUCHLAN, P.E., C.E.M., LEED AP, is principal of Elara Energy Services, Inc. Don brings over 30 years of experience in MEP design, construction and commissioning. Don has received 9 first place Illinois ASHRAE excellence in engineering awards. Don is a licensed professional engineer, certified energy manager and LEED accredited professional. Don has authored several technical articles for trade journals and has been a speaker at numerous industry conferences. Don holds a bachelor of science degree in mechanical engineering (BSME) from University of Illinois at Chicago.

WILLIAM STURM, AIA is a recognized leader in environmentally sustainable architectural design. Under his guidance, Serena Sturm Architects' ethic of energy and resource conservation has been a firm-wide commitment for nearly 25 years. SSA has quietly expanded its reputation for collaborative, contextual design resulting in completed "green" buildings in most all project types and several awards for design excellence.

IN MEMORIAM

Our friend and respected colleague, PETER DREYFUSS, passed away at his home in Denver in early October. He served as an SE² juror for the 2004 and 2005 awards and will be fondly remembered for his humor, insight and depth of knowledge and understanding of sustainability and energy. He will be greatly missed.

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Leadership Conference

2006

SE² AWARD LUNCHEON

SE² Award Partners

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Sustainability & Energy Efficiency (SE²) Leadership Award

The 2006 Sustainability and Energy Efficiency (SE²) Leadership Award recognizes leadership in energy efficient and sustainable design, construction, and operation of Wisconsin commercial buildings and related systems. Multi-family buildings of sixteen units or more, with a central plant were also eligible for consideration in this year's award program. The goal of the program is to encourage greater collaboration among owners, designers, builders and operators by highlighting the value of projects that enhance the built environment.

The SE² Steering Committee was very pleased with the caliber of entries this year and we are pleased to announce the following award winners:

AWARD OF EXCELLENCE: Historic Third Ward Riverwalk, Milwaukee, WI
Owner: Historic Third Ward Association. Submitted by: Engberg Anderson Design Partnership

Jurors' Comments:

The Riverwalk is an excellent example of how an unusual construction project can address sustainable and energy efficiency concepts. Perhaps its most important sustainability concept is how the project ties together and revitalizes the existing buildings and structures along the river; its presence makes many other structures within the city's urban core attractive for use and /or redevelopment.

Although architecturally modest, the Riverwalk is tastefully and sensitively part to its environment. In addition, it was especially cited by the jury for not using a high level or ornamental lighting system; its low-level "moonlighting" system minimizes additional light pollution along the river and saves energy. In its thoroughly tasteful understatement, this project is a real winner.

AWARD OF EXCELLENCE: Mead Wildlife Area DNR, Milladore, WI
Owner: Wisconsin DNR Submitted by Thomas Brown, Architect

Jurors' Comments:

Of the conventional building projects in this year's competition, this project stood out from the very beginning. Its obvious wind turbine and photoelectric array are amazingly harmonious to the more refined architectural expressions of the building, and the project is a wonderful example of a thoughtful and complete approach to sustainability and energy efficiency in an appealing building. The jurors were impressed with how many efficiency details were included, ranging from the biomass fireplace to automatic daylighting controls. The central space was particularly attractive, its rustic roots belied by handsome fluorescent chandeliers.

Overall, as a public/private project with at least some responsibility to show that energy efficiency can be an integral part of a very appealing structure, this project really succeeds. The fact that the building generates 25% of its energy was a huge plus. Funding for the project was a particularly exciting aspect, showing how a community can express its concerns with solid physical expressions that serve as well as beautify the community in a very sustainable way. It also reminds us that, while not cheap, investments in sustainable design pay back in a most important way.

AWARD OF MERIT: Deerfield Elementary School, Oak Creek, WI
Owner: Oak Creek-Franklin School District Submitted by: Eppstein Uhen Architects

Jurors' Comments

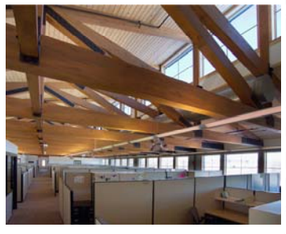
In the SE² competition, often the jurors want to know more about a project, and Deerfield was one of the entries where more information might have helped the project receive a higher award. Based on the energy data alone, however, this project deserves considerable attention.

Like other school projects, we're sure that budget limited the choices available to the architectural team. Nonetheless, from a basic technical standpoint, they appear to have done everything right – proper solar orientation, good materials choices, and state of the art technology. But as in many projects, the jury challenged the daylighting integration with electric lighting, as well as some architectural design decisions. Nonetheless, this is a great project where practical considerations properly took their place and the Oak Creek-Franklin School District now has a valuable – and efficient – asset.

AWARD OF MERIT: DNR NE Regional Headquarters, Howard, WI
Owner: State of Wisconsin Submitted by: Berners-Schober Associates, Inc.

Jurors' Comments

It's fabulous that Wisconsin DNR has committed to building attractive and sustainable buildings. This handsome building in Green Bay is also exceptionally energy efficient, and sustainably designed enough to achieve LEED Gold. Its annual energy use has been measured as over 20% better than comparable buildings, a remarkable achievement.



One of the most difficult chores for any juror is to differentiate among a number of wonderful projects. This is a terrific building. Among it's assets we identified, include proper solar orientation and massing, good site development and conservation, and the use of regional materials. But while this building is nearly perfect in many ways, the jury challenged the principal daylighting section and open office area lighting, finding the heavy timber details and extensive use of wood in conflict with electric lighting and daylighting practice. We would have liked to see lighter finishes and thus higher efficiency of both lighting systems, and we think there's a bit more energy savings available as a result.

SPECIAL CITATION: Bush Brothers & Company Office Addition, Augusta, WI
Owner: Bush Brothers & Company Submitted by: Ayres Associates

Jurors' Comments

We think that a principal secret of long term sustainability is to harvest energy savings wherever possible. In this building, the designers cleverly noted that baking beans throws off a lot of waste heat, and they very effectively captured it to save substantial energy use in conventional mechanical loads. While the project did a number of other things well, we felt that its heat recovering concept was truly worthy of special citation.

Like many projects entered in the competition, the details of the system were a little sketchy. The jurors would like to know a bit more about this system because, according to the data, it works so well. So, this citation is based on the soup rather than the recipe, and it is hoped that future submittals will provide more information to allow more precise judging.

SPECIAL CITATION: CHURCH TO OFFICE, Port Washington, WI
Owner: Franklin Energy Submitted by: Franklin Energy

Jurors' Comments

Sustainability is as much about recycling and re-use as energy, and while there was nothing remarkable about the building energy systems, the fact that the building was recycled so beautifully is cited by the jury. The community response is compelling; a local landmark is saved, and the occupants love it's location in a bike-friendly community. The jury thought that preserving the church lighting for office use was probably not the best idea, but noted that its inefficiency mattered little because of the extensive daylight. This project is a wonderful example of how preservation and sustainability can be powerful allies throughout Wisconsin's many cities and towns, and the jury hopes this project inspires many others.

SPECIAL CITATION: ENHANCED POROUS CONCRETE PAVEMENT SYSTEM, Franklin, WI Owner: Zabest Commercial Group Submitted by: The Sigma Group

Jurors' Comments

This system caught the jury with a pleasant surprise. It is so clever, such a great solution to a very common problem, one wonders why it is not used everywhere. Assuming this system works well in Wisconsin weather, from summer downpours to winter's nasty freezing and thawing, it just might become a paving system of choice, allowing bigger buildings on tighter sites and solving the nagging problem of not having enough porous surfaces.

SPECIAL CITATION: WOODLAND SCHOOL, Kimberly, WI
Owner: Kimberly Area School District Submitted by: Hoffman, LLC

Jurors' Comments

This project probably caused more discussion than any other. On one hand, the judging documents told a story of a building that methodically sought to provide a completely sustainable design as much as practical. The documentation was the best in the program, showing impressive efficiency achievements and proving how well the building works. If all buildings were designed and built with this discipline, we could count on a very sustainable future.

On the other hand, this building also seems to demonstrate the conflicts of program, budget and sustainable design approach. Daylighting was perhaps the most compromised, as it appears that site restrictions and program requirements prevented an optimum massing. But overall the jury was impressed with how efficient and worthwhile a building can be for only $104 per square foot.