

PAUL KONOVE
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DESIGNER AND BUILDER (GREEN - SOLAR HOMES & ADDITIONS)

President of Carolina Country Builders of Chatham County Incorporated. Responsibilities from the beginning of the company in 1985 included project design, onsite carpentry, construction management, and business accounting. Recent years this work has continued except for onsite carpentry work is presently done by other and onsite supervisory responsibilities are now shared with the companies on site supervisor. Approximately 2/3 of the companies projects are designed by Paul Konove. Konove coordinates schedules, material ordering, and supervises communications with clients.

Prior to starting Carolina Country Builders Konove was a co-founder of a Carrboro based a solar design and construction worker cooperative business "Space Builders" in the late 1970's successfully in operation today.

SOLAR ENERGY TECHNICAL TRAINER, 1979 - PRESENT

Developed and presented a full day Green Building Design and Construction workshop in conjunction with Central Carolina Community College's Sustainable Building & Development curriculum in 2004.

Developed and presented a two-day solar home design and construction seminar for consumers, architects and builders in 2001 for the N.C. Solar Center.

Trained professionals and consumers in numerous formats including, seminars and conferences around the state of North Carolina and the Southeast since 1979. Topics included design, construction, and use/maintenance of solar homes, green building techniques, solar greenhouses, solar air collectors, solar hot water systems and photovoltaics. Participants included architects, builders, engineers, Habitat for Humanity Construction Coordinators, students, and consumers. Additional activity included specific training for professionals. This training included the "Passive Solar Design Strategies – Guidelines for Home Building" in conjunction with SBIC (formerly the Passive Solar Industries Council) at the National Home Builders conference in Las Vegas, Nevada in 1992 and at the Energy Efficient Builders Association National Conference in 1989.

Participated in training international professionals in appropriate technology in conjunction with Home Energy Workshop (more recently known as Remote Power) in Fort Collins, Colorado, and with The University of North Carolina Health Education Department.

ORGANIZER – PROGRAM DEVELOPER OF CONFERENCES, MEETINGS, SEMINARS, CONSTRUCTION WORKSHOPS, AND TOURS, 1978 - PRESENT

Primary organizer and presented in Public Forum on the local Economic Benefits of Green Building and Renewable Energy in Chatham County – Pittsboro, March 2006

Assisted in expanding the N. C. Sustainable Energy Association Green Building home tour to statewide participation in 2003.

Participated as Co-chair of the N.C. Sustainable Energy Association (formally NC Solar

Energy Association) national tour of solar homes – triangle region in 2000, and assisted in organizing all past tours of the same type since the tours' inception in N.C.

Organized the participation of numerous schools and students in a competition including a model solar car race, solar hot water bake off, solar cooker bake off plus other activities in the Asheville, NC region as part of the National ASES conference.

Co-developed and co-organized the program for two conferences sponsored by the N. C. Solar Energy Association: The “N. C. Renewable energy and the Environment Conference in 1989” and “Reducing Operating Costs for Small Businesses” in 1985.

Worked as Local Co-Chair of the National ASES conference held in Raleigh, N.C.

Integral to the work of the Solar Greenhouse Employment Project was the organizing of numerous construction workshops, meetings and seminars for solar greenhouses, solar air collectors, and batch solar hot water heaters.

DEVELOPER OF PROGRAMS, AND PROJECTS

Co-founder of the North Carolina Solar Center.

Developed and coordinated “Solar 88” an NCSEA educational effort for the N. C. Agriculture Extension Service in nine locations around North Carolina.

Provided development assistance and technical training for a N. C. Community Development project in Chatham County N. C., and a similar project in Henderson, N. C. that trained workers to build and install solar collectors as part of weatherization programs.

Co-founder of the Solar Greenhouse Employment Project (SGEP), a non-profit enterprise that worked to create community organizations that implemented educational and construction activities throughout the Southeast for a variety of renewable energy techniques – 1978-1984.

EDUCATION

B. S. Mechanical Engineering 1971- University of Rhode Island - Kingston, Rhode Island

SPECIAL TESTIMONY

U.S. House of Representatives' Energy Subcommittee of the Science Committee – “The Impact of Federal Energy Efficiency and Renewable Energy R & D Programs – Rayburn House Office Building – Washington, D.C. - May 11, 2004

PRESENTATIONS / SEMINARS

“SBIC’s Green Building Guidelines” –

American Solar Energy Society conference workshop – Denver, Co. July 2006

And - Orlando, Fla. Aug. 2005

National Building Museum – Washington, DC. June 2005

Cities of Medford and Somerville Massachusetts – Sept. 2004

Green Building Design & Construction – Central Carolina Community College - Pittsboro, N.C. 2004

The Greening of America’s Homes - 2004 NAHB National Green Building Conference –
Austin, Texas

Green Building Opportunities & Techniques - 21st Century Building Expo & Conference –
N. C. Home Builders Association - Charlotte, NC 2004

Green Building Design & Construction - NCSEA portion of 2003 ASES National Green
Building Tour

PRESENTATIONS / SEMINARS / OTHER ACTIVITIES (cont’d)

“Green Building Guidelines” – Boone, N. C. for the NC Solar Center – 2003

Solar Home Building Course – N. C. Solar Center – 2001

NCSEC Solar Connection Series in Guilford County – March 2001 and Raleigh N.C. - Feb. 2001

“All you ever wanted to know about thermal mass for solar homes” – 2000 and

“Passive Solar Design Rules of Thumb” – 1998

Solar Design and Construction seminar presentations at NCSEA portion of ASES
National Tour of Solar Homes

Chaired N. C. Solar Energy Association (Now NC Sustainable Energy Association) 1986-87

NCSEA Spring Conference - Charlotte, N.C titled Reducing Operating Costs for Small Businesses

“Inexpensive Solar Solutions for Small Businesses” - 1985

PAPERS / PUBLICATIONS

American Solar Energy Society annual conference, Albuquerque, New Mexico – 1998

“When the Reality is better than the Theory – Passive Solar House in the Southeast”

Solar Homes for North Carolina, 2 - North Carolina Solar Center – 1999

Builders Forum for the American Solar Energy Society (ASES) annual conference,
Minneapolis, Minn. – 1995

International Solar Energy Society Biannual Meeting - Montreal, Canada - Poster Session

“Implementation Techniques for Renewable Energy Systems” – 1985

AWARDS

Energy Value Housing Silver Award (EVHA) NAHB (National Association of Home Builders)
Research Center for custom home/moderate climate category in 2005

Solar Hall of Fame Award for recognition of his “many years of outstanding effort as a designer,
builder, community organizer, educator and advocate of solar energy and green building” by
the North Carolina Sustainable Energy Association – 2003

NCSEA Solar home tour appreciation as co-chair - 2000

NCSEA Solar home tour appreciation – 1998

Custom Home of the Year Award for Best Environmental Design from Custom Builder (The
Magazine for Builders of Premier Homes) – 1992

North Carolina Solar Center Distinguished Service Award - 1988

"Special Recognition for Energy Innovation" awarded by U.S. Department of Energy
Technology Transfer – 1984