



## Exhibitors

### AMCOR-COR, INC.

Angus MacDonald  
98 Alexandria Pike  
Warrenton, VA 20186  
540-349-5895  
amm@am-cor.com  
www.am-cor.com

Am-Cor is a supplier of ferro-cement structures that are hurricane, tornado, earthquake, fire, flood, vermin and mold-resistant, environmentally friendly, and sustainable. The Am-Cor system uses much less energy and material than standard construction and easily incorporates solar and other renewable energy sources.

### APPLETON CAMPBELL, INC.

Shawn Roop  
100 East Franklin Street  
Warrenton, VA 20186  
540-347-0765  
sroop@appletoncampbell.com  
www.appletoncampbell.com

Appleton Campbell is a leader in the design and installation of energy-efficient heating and cooling systems for homes and businesses. Appleton Campbell utilizes technologies developed by companies such as WaterFurnace (geothermal systems), Unico (high velocity duct systems), Rinnia (tankless water heaters), and Veiga (radiant systems). The company also installs wood, corn, and soybean boilers.

### ASSOCIATION OF ENERGY PROFESSIONALS

Billy Weitzenfeld  
220 Parkway Lane, Box 5A  
Floyd, VA 24091  
540-745-2838  
aecp@swva.net  
www.aecp.org

AECP is an energy education and advocacy organization that is involved in many projects related to providing energy education to the general public. AECP currently is developing a sustainable living educational center.

### AWESOME PERFORMANCE INSULATION, INC.

Ray Goodall, Lois Goodall  
2259 Ridgeview Road  
Reva, VA 22735  
540-547-4774  
awesomeinsulation@aol.com

Awesome Insulation is a local commercial and residential insulation company dedicated to using environmentally friendly insulation material to create a high-quality thermal barrier on buildings. These structures, once insulated properly, have proven to save customers in energy costs and to contribute to a healthy nation. Products exceed Energy Star and Earth Craft requirements.

## **BORDERS BOOKS**

251 West Lee Highway  
Warrenton, VA 20186  
540-347-9412  
www.bordersstores.com

Borders Books is offering a wide selection of books on alternative energy and related subjects for sale to Expo attendees.

## **BRIGHTER INNOVATION**

Wayne Urick  
8722 Rugby Road  
Manassas, VA 20111  
703-367-0527  
brightinnovation@aol.com  
www.brighterinnovation.com

Brighter Innovation is your local Solatube® and Solar Star® Premier Dealer. Solatubes are tubular skylights designed specifically to bring an incredible amount of natural light into your home while being more energy efficient and much more affordable than a conventional skylight. Solar Star attic fans are designed to reduce considerably the heat buildup in your attic while saving on your energy costs.

## **CHESAPEAKE CLIMATE ACTION NETWORK (CCAN)**

CCAN Fauquier County Chapter  
Archer Gilliam  
662 Battle Mountain Road  
Amisville, VA 20106  
540-937-7590  
agilliam@earthlink.net  
www.chesapeakeclimate.org

CCAN is a grassroots, nonprofit organization dedicated to fighting global warming in Maryland, Virginia, and Washington, D.C. Its mission is to educate and mobilize citizens of this region in a way that fosters a rapid societal switch to clean energy and energy-efficient products, thus joining similar efforts worldwide to slow and halt the dangerous trend of global warming. CCAN is a broad coalition of farmers, students, coastal mayors, scientists, health professionals, businesses, fishermen, environmentalists, and people of faith working together to preserve our children's future. Help us educate the public about the coming impacts of climate change and build on recent clean energy legislative victories in Maryland and D.C.

## **CLEANER GREENER AMERICA FOUNDATION**

Kevin Rooney, Dawn Rooney, Jeanette McClellan  
111 Julee Road  
Winchester, VA 22602  
703-367-0527  
rooneyassoc777@yahoo.com  
www.cgafoundation.org

This nonprofit foundation provides the children, youth, and families of Frederick County, Virginia, with a full range of community services, including health, renewable energy sources, local food sources, and educational seminars. Created in 2007, the foundation is committed to serving every citizen in Shenandoah Valley and eventually expanding throughout Virginia and into other states. The foundation deals with such critical issues as food choices in schools, sustainable agriculture, the health of citizens, and saving farms through Community Supported Agriculture programs.

## COMMONWEALTH SUSTAINABILITY WORKS

Andrew Grigsby  
P.O. Box 633  
Culpeper, VA 22701  
540-219-8912  
andrewgrigsby@commonwealthsustainability.com  
www.commonwealthsustainability.com

Commonwealth Sustainability Works provides professional consulting services in the areas of green buildings, sustainable community development, and strategic planning. It helps clients design, construct, and furnish efficient, healthful homes, schools, and other buildings. Working with public officials and citizen groups, the company promotes diverse, walkable communities, preservation of rural land, and green economic development. It also consults with businesses and other organizations seeking to reduce costs, increase productivity, and improve environmental performance.

## COMMUNITY HOUSING PARTNERS

Chris Heslep  
930-B Cambria Street  
Christiansburg, VA 24073  
540-622-2828  
cheslep@chpc2.org  
www.communityhousingpartners.org

Community Housing Partners is a 501(c)(3) community development corporation that serves the needs of low-income and low-wealth individuals and families in the southeast. Its mission is to create affordable, green, sustainable housing opportunities for the people and communities they serve. Since 1975, CHP has served over 150,000 individuals and families, including elderly people, women and children in transition, formerly homeless people, single female heads-of-household, the chronically mentally ill, at-risk youth, and other families and individuals of low income and low wealth. Activities include sustainable development, architectural design, construction, energy services, homeownership, and housing management.

## COTEFECO ENERGY GROUP, INC.

Andrea Zunzer  
830-B John Marshall Highway  
Front Royal, VA 22630  
540-622-2828  
azunzer@cotefco.com  
www.cotefco.com

COTEFECO is an acronym for Combustion Technology Efficiency Collaborative. COTEFECO offers its Emulsion to Combustion (E2C-unit)<sup>TM</sup> products and services for a wide variety of emission-reduction and fuel-saving applications. The COTEFECO process reduces emissions and may deliver significant fuel savings in institutions, factories, manufacturing plants, and almost any facility where heat plays a major part in the conversion of raw materials into usable products.

## EATING LOCALLY

Ellen Ussery, Harvey Ussery  
Amisville, VA 20106  
chrisbird75@yahoo.com  
540-522-4237

For every week that each U.S. citizen eats just one meal made from locally and organically grown meat and produce, we reduce our consumption of oil by 1.1 million barrels! Learn how you can support local farms, eat healthier, and save energy. Stop by the Eating Locally table for a comprehensive list of sources for locally grown food.

## **ELECTRIC VEHICLE ASSOCIATION OF D.C.**

John Clinton  
1745 Creek Crossing Road  
Vienna, VA 22182  
corvoltman@aol.com  
www.evadc.org  
703-281-9096 ??? or 7096

EVADC a nonprofit organization of electric vehicle owners, hobbyists, educators, and enthusiasts dedicated to promoting the use of electric vehicles as an environmental and energy alternative. The group will display at Expo the restored Aztec, a solar-assisted, battery-powered vehicle built in the 1990s by MIT students and competed in the Tour del Sol. Also included in the EVADC display will be a Toyota Prius converted to plug-in.

## **ENERGY CYCLE**

George Hagerman  
Virginia Tech  
hagerman@vt.edu  
www.ari.vt.edu/people/hagerman.htm

Visit George Hagerman's Energy Cycle and find out how hard you need to pedal to make a light bulb glow and whether it's harder to light up a fluorescent or an incandescent bulb.

## **GREEN MAN FOREST MANAGEMENT**

Justin LaMountain  
P.O. Box 762  
Warrenton, VA 20188  
703-357-2403  
greenmanforestry@gmail.com  
www.greenmanforestmanagement.com

Coupling science and traditional knowledge, Green Man Forest Management provides landowners with an ecologically sound and economically viable market alternative to conventional forest management. The mainstay of this management approach is a program of systematic, restorative harvesting using low-impact modern, animal-powered extraction. The major benefit of this approach is that the ecological health, and subsequently the economic value of the forest, increases over time. The forest remains intact and so does its ability to provide invaluable ecosystem services, such as wildlife habitat, clean air, carbon sequestration, water retention and purification, and soil enrichment and stabilization.

## **HELIOS ENERGY SOLUTIONS**

John Jerakis  
P.O. Box 56125  
Vint Hill Farms, VA 20187  
703-869-4097  
johnj@heliosenergysolutions.com  
www.heliosenergysolutions.com

Helios Energy Solutions is a renewable-energy-services company. With rising energy prices and new renewable technologies coming on the market daily, it's hard to make sense of it all. Helios help you; the farm, home, and small business owner, transition to renewable energy, and more important, more cost effective energy solutions. It may be as easy as helping you find ways to conserve electricity, or it might involve the installation of electrical backup systems integrated with solar panels. Whatever the answer, Helios will help you find the right solution.

## **INTRAGROUPS**

Michael Rainger  
5879 Huntonwood Drive  
P.O. Box 86605  
Broad Run, VA 20137  
540-219-0445  
energy@intragroups.org  
www.intragroups.com

IntraGroups provides member-based services to individuals, groups, and businesses wanting to lessen consumption of finite energy resources. Usage reductions of grid-based electricity, gas, and diesel are critical to managing pollution and future expenses.

## JOHN MARSHALL SOIL & WATER CONSERVATION DISTRICT

Melissa Allen, Kerry Wharton  
98 Alexandria Pike, Suite 31  
Warrenton, VA 20186  
540-347-3120 ext. 3  
melissa.hooper@va.nacdnet.net  
www.johnmarshallswcd.com

John Marshall Soil & Water Conservation District provides local solutions to natural resource and conservation issues in Fauquier County. Its mission includes providing leadership, technical assistance, and education to the people of Fauquier County in proper soil stewardship and water quality protection to ensure the wise use of Fauquier County's natural resources.

## JORDAN RIVER FARM

Cory Koral  
6 Shiloh Lane  
Huntly, VA 22640  
540-635-2040  
cory@jordanriverfarm.com  
www.jordanriverfarm.com

Cory Koral of Jordan River Farm will showcase his off-the-grid house and his alternative energy solutions. Cory will help Expo visitors determine whether they can use alternative energy sources in their home. He will share his checklist of factors to consider and spend time with Expo visitors to talk them through alternative energy choices, such as use of solar, micro-hydro, wind, and solar voltaic devices.

## LARRY'S GARAGE, LLC

Larry Billing, Andrew Smith  
323 Castleton Ford Road  
Castleton, VA 22716  
larrysgarage@erols.com

Larry's Garage converts vehicles to total electric. One of the converted vehicles will be on display at Expo.

## MARYLAND-D.C.-VIRGINIA SOLAR ENERGY INDUSTRIES ASSOCIATION

Peter Lowenthal  
4707 Elmhirst Lane  
Bethesda, MD 20814  
301-806-0920  
pslowenthal@comcast.net  
www.mdv-seia.org

MDV/SEIA is the trade association of manufacturers, distributors, contractors, and consultants engaged in the solar energy industry in the region. The association abides by a code of ethics, support educational opportunities, and encourage elected officials to support solar programs and expanded use of the most plentiful renewable energy source in Virginia. MDV-SEIA also supportstraining and educational programs to meet the needs for the industry's workforce.

## NATIONAL RENEWABLE ENERGY LAB (U.S. DEPARTMENT OF ENERGY)

Gary Schmitz  
1617 Cole Boulevard  
Golden, CO 80401-3393  
303-275-3000  
gary\_schmitz@nrel.gov  
www.nrel.gov

Visit NREL's informative display at Expo. NREL's research and development of renewable fuels and electricity advance national energy goals to change the way we power our homes, businesses, and cars. We now live in a world in which global economic growth—particularly the growing energy demand in developing countries—will contribute to a 50 percent increase in worldwide energy consumption by 2025. By 2050, the world will be struggling to find an additional 20 terawatts of energy and the U.S. will be competing along with countries such as China and India to satisfy our growing energy needs. In order to meet the challenges of this new energy future, we will need new ways of thinking about and producing energy.

## OESCH ENVIRONMENTAL DESIGN

Fred Oesch  
8683 Schuyler Road  
Schuyler, VA 22969  
434-831-1003  
hfoesch@mindspring.com  
www.fredoesch.com

Fred Oesch of Oesch Environmental Design has designed and built alternative architecture, custom interiors, furniture, and fine art for more than 30 years. His green building specialties include solar and zero energy homes, green oak timber frames, straw bale construction, living earth roofs, and healthful environmental control systems. Oesch is available for residential or commercial design projects worldwide, including consultation, lectures, and teaching. Oesch will be on hand to present and discuss practical solutions toward affordable alternative building and energy independence, with natural materials and healthful environmental control. Also exhibiting at the Oesch booth is Jessica Jones Oesch with health products and services to replenish, rejuvenate, and refresh. Visit [www.healthpathways.org](http://www.healthpathways.org) for more information or email [jessicajones38@earthlink.net](mailto:jessicajones38@earthlink.net).

## PIEDMONT BIOFUELS

Greg Austic, David Thornton, Matt Rudolph  
P.O. Box 661  
Pittsboro, NC 27312  
919-533-0172  
matt@biofuels.coop  
www.biofuels.coop

Piedmont Biofuels is a worker and member-owned cooperative. Its mission is to lead the grassroots sustainability movement on the East Coast by using and encouraging the use of clean, renewable biofuels. In support of this mission, Piedmont Biofuels provides pure biodiesel (B100) to its community; provides a space where worker members can make their own fuel from waste vegetable oil; maintains a USDA Research Farm for oilseed crop research; owns an elaborate glycerin composting facility; provides education and outreach on both biodiesel and engine modifications to enable the use of straight vegetable oil as fuel; lobbies the North Carolina legislature, as well as our national representatives, on behalf of biodiesel and alternative fuels; and has an intern program that allows students to live onsite and learn about all facets of operations.

## PIEDMONT ENVIRONMENTAL COUNCIL

Don Loock  
45 Horner Street  
Warrenton, VA 20186  
540-937-9441  
dloock@pecva.org  
www.pecva.org

The Piedmont Environmental Council is a 35-year-old nonprofit organization dedicated to promoting and protecting the Piedmont's rural economy, natural resources, history, and beauty. Each facet of PEC's work is strengthened by its place in a four-part strategy for ensuring a healthy, beautiful, and prosperous future for the Piedmont. PEC's work helps citizens to achieve four interrelated goals: understand and envision the Piedmont, protect what can be protected, respond to the forces of change, and direct growth to the right places.

## THE PIEDMONT VIRGINIAN MAGAZINE

Margaret McCann  
39 Culpeper Street  
Warrenton, VA 20186  
540-349-2951  
margaretpv@gmail.com  
www.piedmontvirginian.com

The Piedmont Virginian will be available for purchase at Expo. The magazine is a quarterly journal of information and appreciation—of nature, place, and ways of life. The magazine promotes historic preservation, open spaces, sustainable agriculture, and country values.

## **RAPPAHANNOCK LEAGUE FOR ENVIRONMENTAL PROTECTION AND MONEY AND ENERGY \$AVING ALTERNATIVES (ME\$A)**

Rappahannock County, Virginia  
Monica Worth, President  
Pam Owen, Executive Director  
P.O. Box 94  
Washington, VA 22747  
540-317-1499  
ExDir@RLEP.org  
www.RLEP.org

RLEP is dedicated to preserving the natural resources and rural character of Rappahannock County, Virginia. RLEP helps the community understand issues, challenges, and initiatives that affect our natural and cultural landscape. RLEP also encourages citizens to become active participants in those things that make an environmental difference—whether defending threats to the good land we are blessed with, or promoting good programs to manage our precious environmental resources for succeeding generations. RLEP is the host, founder, and primary sponsor of the Piedmont Alternative Energy Expo.

ME\$A, a new RLEP alternative energy project, promotes energy efficiency within Rappahannock County by offering residents and businesses assessments of their energy footprints and suggestions for monetary savings through use of renewable and alternative energy.

## **RAPPAHANNOCK TIMBER FRAME COMPANY**

Kyra Howell, Bill Christian, Steve Howell  
37A Main Street  
P.O. Box 281  
Sperryville, VA 22740  
540-987-9399  
kyra@rapptimber.com  
www.rapptimber.com

Rappahannock Timber Frame Company builds timber frame, post-and-beam homes that can be finished out in any style and easily outfitted with energy-saving devices. Options can include radiant heat, ductless cooling, heated floors, energy-saving house fans, solar shingles, and wind turbines. The company has its own energy consultant to help you develop a plan to fit your lifestyle energy requirements.

## **RASP TECHNOLOGIES**

Robert Miller  
P.O. Box 542  
Madison, VA 22727  
540-923-4772  
rmiller@nexet.net

RASP Technologies has developed a highly efficient, continuous-flow chemical reaction and separation process that is both compact and inexpensive to operate. This system of reacting fluids will have broad applications in the environmental, chemical, and pharmaceutical industries. Currently, RASP Technologies has developed a unit that produces ASTM-quality biodiesel fuels at a cost now available only to large-scale production facilities, while requiring a fraction of the support infrastructure. This process can meet the needs of a community or region utilizing locally grown agricultural products for fuel production.

## **RECOVERED ENERGY RESOURCES, LLC**

Bradley Schneider  
P.O. Box 488  
Washington, VA 22747  
540-675-2492  
bschneider@recoveredenergyresources.com  
www.recoveredenergyresources.com

Recovered Energy Resources develops small-scale, renewable-energy power plants that use materials such as biomass, animal manure, wood wastes, and trash as fuel. RER produces electricity and thermal energy in state-of-the-art modular power plants. The RER power plant is built on or adjacent to a customer's site and provides all or a portion of the energies needed to run their facility and processes. The advantages are stability in price, dependability in delivery, and sustainability of the environment.

## RETHINK SOLAR (SOLAR UNION ENERGY SOLUTIONS)

Suzanne Smith  
P.O. Box 509  
Spotsylvania, VA 22553  
540-287-5775  
solarunion@gmail.com  
www.solarunion.net

ReThink Solar makes solar electricity a possibility for homeowners by designing a complete custom system at an affordable fixed monthly rental rate. Solar doesn't cost, it pays!

## SANDEENERGY

Don Sandros  
525-K East Market Street #115  
Leesburg, VA 20176  
703-777-7750  
don@sandenergy.net  
www.sandenergy.net

SandEnergy is dedicated to helping you create energy security through independent energy conservation solutions. Renewable power is readily available. The company's systems and services make it easy and affordable.

## SIERRA CLUB—GREAT FALLS GROUP

Kayti Wingfield  
6748 Old McLean Village Drive  
McLean, VA 22101  
703-442-0435  
kayti.wingfield@sierraclub.org  
<http://virginia.sierraclub.org/greatfalls/>

The Sierra Club's members are more than 750,000 of your friends and neighbors. Inspired by nature, members work together to protect communities and the planet. The club is America's oldest, largest, and most influential grassroots environmental organization.

## SOLAR CONNEXION

Bryan Walsh, Able Duffy  
P.O. Box 10095  
Blacksburg, VA 24062  
540-961-5120

Solar Connexion is a solar design and installation firm based in Blacksburg, Virginia. Exhibitor Bryan Walsh is an NABCEP-certified photovoltaic contractor. Since 1993, he has provided customers with the highest-quality products and services, from simple cabin to complex solar-powered communities. Walsh and his family live in an all-solar, off-the-grid home that he and his wife designed and that features both active and passive solar. Walsh is conversant with all aspects of solar power, collectors, hot water, and inverters.

## SOLAR PANELS PLUS, LLC

Kamran Koochekzadeh  
533 Byron Street, Suite E  
Chesapeake, VA 23320  
757-549-1494  
kkoochek@solarpanelsplus.com  
www.solarpanelsplus.com

Solar Panels Plus is a wholesale distributor and partner for turnkey solar energy systems, including solar hot water, photovoltaic, solar air conditioning, and solar heating systems for residential or commercial applications.

## **SOLAR SERVICES, INC.**

Richard Good, Nathan Farley  
877 Seahawk Circle, Suite 101  
Virginia Beach, VA 23452  
757-427-6300  
solserv@solarservices.com  
www.solarservices.com

Solar Services has been dedicated for 21 years to delivering clean and free solar energy. Its systems are in use in thousands of homes and businesses providing heat and hot water, warming swimming pools, and generating electricity. The company can show you how to improve your quality and standard of living by reducing your utility bills, providing an uninterrupted source of power, or extending the use of your recreational facilities.

## **SOUTHERN AIR-TEMP HEATING & COOLING, INC.**

James Santos  
514 Jack Enders Boulevard  
Berryville, VA 22611  
sales@southern-dist.com  
www.southern-dist.com

Visit Southern Air-Temp Heating & Cooling's booth at Expo to learn about geothermal heating, cooling, and hot water systems for home and business.

## **STABER INDUSTRIES, INC. [DISPLAY ONLY]**

Chad Neal  
4800 Homer Ohio Lane  
Groveport, OH 43125  
614-836-5995  
cneal@staber.com  
www.staber.com

Staber's energy-efficient washing machines are the most efficient clothes washers available and cost less to use based on total energy, water, and detergent usage. Staber is the only top-loading, horizontal-axis clothes washer made in the U.S. The washers operate similarly to a front-loading washers but have top-loading convenience and better durability.

## **STANDARD SOLAR, INC.**

Roger Williams  
202 Perry Parkway, Unit 7  
Gaithersburg, MD 20877  
301-944-1200  
briandesmond@standardsolar.com  
www.standardsolar.com

Standard Solar is a service company providing design and installation expertise of solar photovoltaic electric and solar hot water systems for residential and small commercial customers interested in simple, hassle-free solutions to save money and conserve using clean, renewable solar energy.

## **SUSTAINABLE DESIGN GROUP**

John W. Spears  
22923 Wildcat Road  
Gaithersburg, MD 20882  
301-428-1040  
john@sustainabledesign.com  
www.sustainabledesign.com

Sustainable Design Group (SDG) is a full-service residential design firm specializing in homes that are in complete harmony with man, nature, and the spirit. SDG's president, John Spears, has been a pioneer in self-sufficient, green home design and sustainable community development worldwide since 1973. His work has been featured in many national publications, including Better Homes and Gardens, Building Ideas, and Popular Science. He has been featured several times on Home and Garden TV, Dream Builders, and Old Homes Restored. His highly refined designs incorporate tested and proven techniques for building high-performance homes, including passive solar heating and natural cooling, all-natural nontoxic materials, compressed-earth brick walls, whole-house ventilation and filtration, solar power and hot water, geothermal heat pump and radiant floors, reused and recycled materials, rain water collection, green roofs, composting toilets, Bau-biology, Feng Shui, and Vastu Vedic.

## **VIRGINIA CONSERVATION NETWORK**

Nathan Lott  
422 E. Franklin Street, Suite 303  
Richmond, VA 23219  
804-644-0283  
nathan@vcnva.org  
www.vcnva.org

VCN is Virginia's only statewide network of more than 110 environmental organizations, including RLEP, from across the Commonwealth. The network's mission is to protect the Commonwealth's air, lands, and waters for the benefit of the people, as guaranteed by the Virginia Constitution.

## **VIRGINIA SUSTAINABLE BUILDING NETWORK**

Pamela Vosburgh, Annette Osso  
P.O. Box 6539  
Arlington, VA 22206  
703-486-2966  
pam@vsbn.org  
www.vsbn.org

VSBN promotes environmentally sound—or green building—practices for Virginia. These building designs, methods, and materials save energy costs, reduce waste, promote recycling, reduce environmental impacts and exposure to unhealthy substances, strengthen local economies, and contribute to an enhanced quality of life. To accomplish its mission, VSBN has built a statewide network of green building proponents, provides green building events and training around the state and region, provides technical assistance on green building design and operations, and has created an information clearinghouse and resource directory.

## **WARMBOARD RADIANT SUBFLOOR**

Bill Prillaman  
8035 Soquel Drive, Suite 41-A  
Aptos, CA 95003  
804-822-5368  
bprillaman@warmboard.com  
www.warmboard.com

Warmboard radiant subfloor is stiff, strong, and especially tough. It combines a structural subfloor and a thermodynamically sophisticated radiant panel into one simple component of your radiant heating system. Warmboard begins with a 1-1/8" thick, 4' X 8' sheet of tongue and groove, weather-resistant plywood. A modular pattern of channels is cut into the top surface, then a thick sheet of aluminum is stamped to match the channel pattern and is permanently bonded to each panel.