

## What We Do

**Building.** NEOHaus combines the best of modern building science--the Passive House technologies--with highly scrutinized sustainable building materials and techniques.

If you are looking for energy-efficient and greenbuilt custom home and xeroscape and raingarden landscape designs, information on sustainable residential developments and office environments, existing NEOhaus homes and models for sale, and how to get the word out on your sustainability products, services or efforts-- you are in the right place!

This "state of the art" building science is combined with site-harvested materials, rainwater harvesting, greywater irrigation, extensive outdoor living spaces, a lush edible landscape, small scale animal husbandry, and wildlife habitat to make sustainable homesteads a possibility even in densely populated urban neighborhoods.

**Education.** Consumer education about ecoliving and trade education about greenbuilding and sustainability practices in the office are an offshoot of what we do.

**Community.** NEOHaus recognizes that green building projects must work in tandem with the needs and wants of the residential community where it's situated. Its success depends upon educating and raising awareness of all involved in the homebuilding process, including homebuyers and renters, realtors, financial institutions, community organizations, municipalities, business community and landscapers.

**Ecovillage.** Our prototype project is an urban ecovillage. Members of the NEOhaus team are involved in everything from consultation and design to construction and development to education through marketing communications, publishing, lectures, videos and workshops.

**What's in a Name?** "NEO" stands for Northeast Ohio where we are located. And it also means "new"--a new way of thinking, a new way of building! "Haus" is the German spelling for "house" which serves to align ourselves with the German "Passive House" building techniques of our ecovillage structures. And, don't forget, the "Bauhaus" movement of the 1920s and '30s, also from Germany, introduced a radical futuristic spin on traditional building among other cultural areas of the time,--just like we're doing here in Northeast Ohio!

The NEOhaus is a collaborative project based in the Akron, Ohio area focused on the development of cutting-edge, affordable and practical green building principles that stimulates economic development. in the urban core.

### Professional Partners



**GOIN' GREEN GUY**  
Getting the word out on your sustainability products, services and initiatives

### Affiliations



## *The NEOHaus Institute*

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**Building Green.  
Building Sustainability.  
Building Community.**



Passive House Green Building Techniques & Technologies

Urban Ecovillage Project Management

Green & Sustainable Training, Consulting & Marketing

330.577.5680 or 330.352.2660  
[www.theneohaus.com](http://www.theneohaus.com)

## Building Group

### Passive House Technologies

The Passive House (PH) building technology, introduced from Germany in the 1990s, is central to The NEOhaus Building Group with three certified PH consultants. Far beyond Energy Star and LEED, PH represents today's highest energy standard with the promise of slashing the heating energy consumption of buildings by 90 percent.

PH is a well-insulated, virtually air-tight building primarily heated by passive solar gain and internal



gains from people, electrical equipment, etc. Any remaining heat demand is provided by an extremely small source. Working with natural resources, free solar energy is captured and applied efficiently, instead of relying predominantly on 'active' systems to bring a building to 'zero' energy. Elements include high performance triple-glazed windows, super-insulation, an airtight building shell, limitation of thermal bridging and balanced energy recovery ventilation.

The Building Group is a collaboration of Passive House-related building consultants, architects, landscapers, sustainable materials and alternative energy suppliers bringing affordability, practicality and beauty to highly energy efficient and naturally-built dwellings tailored to Northeast Ohio and beyond.

## Ecovillage

Ecovillages are intentionally-designed communities "intended" to be socially, economically and ecologically sustainable. They can be urban or rural communities that strive to integrate a supportive social environment with a low-impact way of life. They most often adapt the co-housing model with a living arrangement that combines private living quarters with common dining and activity areas in a community whose residents share.

The NEOhaus Institute is committed to building an urban ecovillage in the Akron, Ohio area featuring Passive House energy-efficient technologies with state-of-the-art environmental and ecological products and services, including supplemental heating unit, super insulation, super energy-efficient windows and door, composting and greywater system, solar panels, green roof, wind generator, recycled flooring and furniture, rain garden and community garden.

For those of you who embrace the principles of ecovillage living, this group is for you. Every month, we'll explore a different aspect of eco-living--from outdoor spaces to eating healthy foods to the home environment--you name it, we'll explore it!!!

At the same time, we'll work on your behalf to get you, your loved ones or dear friends a spot to dwell in the new ecovillage. As we go from site selection to groundbreaking to design to construction, we'll look to you to provide guidance and direction to give you the home and community of your dreams! Ride along with us as we plan the urban ecovillage of the future for the best present you can imagine!!!

Meeting are FREE, however, some hands-on workshops may require class material fees.

We meet the last Monday of each month. We begin each meeting with a half-hour planning session followed by an eco-living workshop.



## Marketing & Consulting

The NEOhaus Institute provides new green home solutions and sustainable living education and guidance through individual consulting and group workshops. Profes-

sionals, including realtors, financial loan agents, homebuilders, property and facility managers, economic development officials who need training and educa-

tion in green and sustainable practices related to their field, are welcome to use our services.



### Waste Reduction, Recycling & Re-use

The NEOhaus Consulting Group design programs that incorporate all elements of the solid waste hierarchy (source reduction, reuse, recycling and composting), as well as environmentally preferable purchasing practices that help "close the recycling loop."

We provide hands-on assistance with services such as commercial waste audits, training and education, and pilot programs. Our approach is to work closely with clients to identify specific areas of concern, followed by drafting a unique and strategic plan that provides clear recommendations to optimize program operations. Our in-depth understanding of the real service cost factors gives us a distinct advantage in negotiating best value pricing for you. Our unique approach serves waste vendors as well as our clients. We recognized early on that maximizing up front savings and controlling costs over time requires well-structured and accurate operations.



### Marketing Communications

GETTING THE WORD OUT about green and sustainability products, services and initiatives. GOT A NEW GREEN LINE of products you're launching? Goin' Green Guy can provide all the marketing communications services you need for an effective launch.

We provide the following marketing communications services: Publications, Website, Media campaigns, social media content and programs, white papers, case studies and grant writing.

