

21 ACRES



GREEN ENERGY

At the 21 Acres green building, we strive to incorporate the natural and the built environments together. Transitioning to renewable energy, decreasing reliance on fossil fuels, and working to make building systems efficient are major steps in impacting climate change.

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Green Building

[Classes & Events](#) | 21 Acres

Bring your questions to our next free Green Building Tour to learn about how our LEED Platinum Certified Building functions.

[Virtual Building Tour](#) | 21 Acres

Join Barry Febos, Energy Manager and Educator, on this inside look at the 21 Acres LEED-Platinum certified building.

[21 Acres Achieves Recognition as EnviroStars Champion](#) | 21 Acres

This summer, 21 Acres received certification as an EnviroStars Champion! This is the highest designation of the EnviroStars program.

[How Do I Get Recognized?](#) | Envirostars

Learn more about getting recognized as an energy efficient building—even if you work in a building that doesn't plan on making structural changes.

[Why the Building Sector?](#) | Architecture 2030

We must eliminate all GHG emissions from the built environment by 2040 to meet Paris Climate Agreement targets.

[Smart Building Center](#) | Northwest Energy Efficiency Council

The Smart Buildings Center is exploring new energy data analytics and visualization techniques to advance energy efficiency. The facility, located in the Pacific Tower in Seattle, is a place to meet, train and access sophisticated tools from the Tool Lending Library.

[Sustainable Buildings & Sites](#) | City of Seattle

The Sustainable Buildings and Sites Policy for municipal facilities aims to maximize the environmental quality, economic vitality, and social health of our city through the design, construction, operation, maintenance, renovation, and decommissioning of City-owned buildings and sites.

[Sustainable building](#) | King County

Comprehensive resources to help professional builders recycle, reduce waste, save money, and earn recognition for embracing sustainable building practices in King County.

[Seeds of Equity in the Green Building Movement](#) | 21 Acres

Sustainable design has three central principles: Environment, Economy, and Equity, meaning that at its foundation, the sustainable building movement is an intersectional movement.

[Blueprint for Greening Affordable Housing](#) | Island Press

Green affordable housing addresses both affordable housing and the climate crisis by providing housing stability, safety, and financial predictability while constructing and operating the buildings to reduce environmental and climate impacts.

[Energy Savings Tips for Small Businesses: Grocery and Convenience Stores](#) | EnergyStar

For small grocery business owners, it's important to seek out new ways to reduce your daily energy usage, whether it's by optimizing current energy use or embedding energy awareness in your company's culture.

[Sustainability & Green Building](#) | National Association of Home Builders

Incorporating construction and development techniques, materials and designs intended to minimize a home's impact on the environment and conserve natural resources.

[Affordable Geothermal](#) | This Old House

Ask This Old House home technology expert Ross Trethewey travels to Albany, New York to explore ways to make drilling for and installing geothermal heat pumps more affordable for average homeowners.

Electric Vehicles

[Electric cars 'as cheap to manufacture' as regular models by 2024](#) | The Guardian

Electric cars will cost the same to make as conventional cars, with internal combustion engines, by 2024 and an acceleration in the shift away from fossil fuel vehicles may be imminent, according to new research.

[21 Acres All-Electric Delivery Box Truck to Move Local Produce As Carbon Emission Reduction Initiative](#) | 21 Acres

21 Acres is building the ultimate repurposed, reused, recycled electric box truck to amplify conversations about food systems and climate change.

[Multi-State Medium-and Heavy-Duty Zero Emission Vehicle](#) | California Energy

In 2020, 15 states including Washington signed this Memorandum of Understanding to increase use of transportation vehicles, focusing on disadvantaged communities as historically bearing the burden of polluting fossil fuel vehicles.

Renewable Energy

[Farmland Solar Policy Project](#) | Farm and Energy Initiative

Thoughtful state solar siting policies can help build the renewable energy infrastructure we need for the future, while protecting valuable open space and farmland, and improving farm sustainability.

[Renewable energy targets may undermine their sustainability](#) | Nature Climate Change

As the world's economies seek to use new renewable energy developments to address climate change and reinvigorate economies post-COVID-19, avoiding a fixation on targets in decision-making will ensure positive social and environmental outcomes.

[Hawaii Is Ahead of Schedule for Renewable Power Adoption](#) | Green Tech Media

The state demanded 30 percent renewable energy by 2020. The electric utilities blew past that.

Refrigeration

[Refrigerant Management](#) | Project Drawdown

Fluorinated gases have a potent greenhouse effect and are widely used as refrigerants. Managing leaks and disposal of these chemicals can avoid emissions in buildings and landfills.

[UW Students Design Solar Powered Farm Cooler](#) | Clean Tech Alliance

UW Engineering students worked with 21 Acres to design a solar-powered cooler that helped prevent food waste and helped farmers save produce.

Who to Follow

[Northwest Green Building Slam Summit](#) | A learning and networking opportunity for green building professionals.

[The North American Sustainable Refrigeration Council](#) | An action-oriented environmental nonprofit contributing to climate solutions through refrigeration.

[Bullitt Center](#) | The Bullitt Center was designed to show what's possible today, changing the way people think about high performance green building.

[Built Green](#) | Built Green is the green home certification program of the Master Builders Association of King and Snohomish Counties.

[International Living Future Institute](#) | Join a community of people creating the Greenest Buildings for a Healthy World

[Climate Solutions](#) | News from Oregon and Washington.

[Northwest EcoBuilding Guild](#) | Advancing a 200-year perspective for the built environment.

[Building Green](#) | Their editors have compiled more than 100 product guides, to show you what's important when selecting building products that avoid negative health impacts.

Questions? Contact Us.

Have an idea? We want to connect with you about climate solutions. Reach out to us via email:
generalinfo@21acres.org