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FALL/WINTER 2017-2018

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Boulder's energy future: Where do we go from here?

BOULDER  
**WEEKLY**

# GREEN ARCHITECTURE

AN OUTLOOK ON BOULDER COUNTY'S GREEN PROJECTS



BENJAMIN BUREN OF WWW.ALIVESTUDIOS.COM



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"BOULDER HAS been pushing the envelope as long as anyone. It's extremely difficult to [certify] a house as LEED platinum. It takes a lot of expertise, from both the architects and the builders, to achieve," says Scott Rodwin, the founding principal of Rodwin Architecture, a Boulder-based firm leading the nation's green building movement.

The U.S. Green Building Council projects LEED construction will support 103,000 jobs in Colorado and contribute about \$9 billion to the GDP between 2015 and 2018. With more LEED-certified buildings popping up across the state, we're lowering carbon emissions, creating healthier environments, driving economic growth and prioritizing sustainable practices. All of these factors have the potential to positively affect the way Coloradans live, work and play.

"THE FARMHOUSE" (PHOTOS 1 & 2) WAS ARRANGED AND CONSTRUCTED FOR OPTIMAL PASSIVE SOLAR DESIGN. THE ROOF AND GUTTER SYSTEMS DIRECT WATER INTO THE GARDENS AND RAINWATER HARVESTING BARRELS.

SUSAN FRANCE



THE BOULDER JEWISH COMMUNITY CENTER (PHOTOS 3 & 4) TOOK 10 YEARS TO PERFECT AND DESIGN.

THE STATION 8 FIREHOUSE (PHOTO 5) RECEIVED ITS LEED CERTIFICATION IN 2009.

BUILT BY THE MAGNOLIA BUILDING COMPANY (PHOTOS 6 & 7), THIS RESIDENTIAL HOUSE IS CONSTRUCTED FROM RENEWABLE RESOURCES AND IS TIGHTLY INSULATED, MAXIMIZING ITS ENERGY EFFICIENCY.

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THE MAGNOLIA BUILDING COMPANY

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SECOND IN THE NATION

IN 2016, Colorado jumped from fifth to second place in the national ranking of top states in the country for LEED green building. The *Colorado Real Estate Journal* reports that Colorado has a total of 92 LEED-certified projects.

LEED stands for Leadership in Energy and Environmental Design. Currently, it's the most widely used green building rating system in the world. Generally speaking, LEED-certified buildings, be them residential, commercial or industrial, focus on using materials that save energy, water and other natural resources. According to the U.S. Green Building Council, LEED projects are responsible for diverting over 80 million tons of waste from landfills.

73%

IN THE U.S., BUILDINGS ACCOUNT FOR 73 PERCENT OF ALL ENERGY CONSUMPTION.