

# 2016 Results

# \$235,093

Potential dollars saved through services

# 262,845

Killowatt Hours Saved

# 185

Metric tons of greenhouse gases potentially prevented

# \$42,958

Dollars brought in to region

## Refuel Colorado

4CORE represented Southwest Colorado for the third year as one of the organizations in the state providing alternative fuel coaching and fleet analysis through the Colorado Energy Office.

We presented a region-wide Alternative Fuels Event at La Plata County Fairgrounds in June. We had over 50 attendees locally and from Denver, Grand Junction and Farmington. Speakers included Sparq CEO, Norman Herrera, propane representative, Larry Osgood and our local high school students who participated in the solar car challenge.



A CNG fueling option remains to be developed, but the electric vehicle program and charging station infrastructure gained momentum for 2017. Fleet analysis were performed for Rocky Mountain Chocolate Factory and Phoenix Recycling with the objective of converting to CNG when fueling is available.

## From the Director

*4CORE accomplished much in 2016! We made staff changes, completed important projects and brought fresh ideas and new direction to the organization.*

*With the guidance of dedicated board members, staff and community support, 4CORE continues to grow and provide essential programs in resource conservation education, renewable energy and energy efficiency throughout the region.*

*We're especially proud of the recognition we received from the EPA as a result of our Solar Barn Raising at Southwest Horizon Ranch. The EPA awarded 4CORE \$25,000 in non-competitive funds allowing us to continue our work providing solar for low-income residents, this time in Pagosa Springs at the Socorro Senior Living.*

*We are a lean team, accomplished at managing programs that no other organization in the region provides. Our work is more important than ever for a healthy regional environment. Our focus turns to local funding and collaborative partnerships to maximize our impact, create innovative solutions and the path to cleaner air, water savings, energy efficiency education and renewable energy projects in Southwest Colorado.*

*We hope you'll continue to support our efforts.*

*With gratitude and appreciation,*

*Laurie E. Dickson*

*Laurie Dickson, Executive Director*



Contact 4CORE to donate and to learn more about our programs!

www.fourcore.org • 970.259.1916 • info@fourcore.org



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# Mission

4CORE serves Southwest Colorado by promoting resource conservation, energy efficiency and renewable energy through education and programs that strengthen the local economy, and foster a healthy, sustainable environment.

## 2016 Board of Directors

Werner Heiber, (Chair)

Kurt Schneider, (Treasurer)

Laura Moorefield, (Secretary)

Paul Senecal, Citizen at Large

Heather Erb, Citizen at Large

Mary Beth Miles, City of Durango

Mark McKibben, La Plata County

Dan Naiman, Ignacio Town Planner

Jack Turner, La Plata Electric Association

Nancy Andrews, La Plata Electric Association, Ex Officio

# 2016 Focus Areas In Review

## Information Hub

- Provided information requests about resource conservation, renewable energy and energy efficiency through phone, walk-in, and email inquiries, attendance at presentations, newsletters, website visits and social media.

## Innovative Solutions

- Completed the Solarize Archuleta Campaign with 108 total interested household sign ups and 13 completed residential solar systems saving an estimated 256,230 kWh and saving residents a cumulative of \$30,747 annually in electricity bills.
- Completed the Southwest Solar Barn Raising Program which resulted in 23.1 kW of combined solar installed; producing 39,692 kWh annually and saving a total amount of \$5,770 between the two project sites. Overall, this program prevents 4 metric tons of carbon dioxide from entering the atmosphere annually and 29,398 pounds of coal being burned every year.
- Organized a region-wide alternative fuel presentation event which attracted fleet managers from Grand Junction. Provided fleet analyses as part of the Refuel Colorado program and advanced electric vehicles and charging station infrastructure.
- Secured EPA funding for the Raise the Solar Bar Program in 2017, that will provide solar power to low-income seniors in Archuleta County.

## Resource Conservation Education

- Presented the "First Reduce, Then Produce" energy conservation campaign at Southwest Solar Barn Raising to residents at Southwest Horizon Ranch.

## Energy Efficiency

- Presented the 2016 Solar Home Tour to showcase and educate on innovative, net-zero and energy efficient solar-powered homes and businesses. Over 65 community members toured the 11 residential and commercial locations.
- Completed the HomeRx Program resulting in 56 homes and businesses receiving audits and energy efficiency upgrades, totaling an estimated \$28,000 in utility cost-savings.

## Home Rx Program

4CORE worked with the City of Durango and other entities including LPEA, Amerigas and Energy Smart Colorado to create rebates and incentives for energy improvements available in Durango.

4CORE conducted home energy assessments for residents and businesses. We provided 56 audits and 20 upgrades completed. This equates to 234,132 kWh saved annually and a reduction of 94.5 metric tons of CO2 emissions. The City of Durango provided \$5,000 in rebates for implementation of the recommended upgrades.

*"What a great experience and service the HomeRx program was for us. We implemented all the recommendations and have been saving \$\$ ever since!"*

Ted Zerrer

## Southwest Solar Barn Raising



A volunteer-driven installation at Southwest Horizon Ranch and a Habitat for Humanity home, 4CORE provided 23.1 kW of solar power to 62 lower-income residents with an EPA Environmental Justice Grant.



This project ensured a 50% reduction in collective electric utility costs that will reduce their annual bills by over \$5,500

Between the two installations over 29,000 pounds of coal won't be burned and the cost-savings creates greater economic resiliency in a vulnerable sector of our community.

## Solarize Archuleta

Solarize Archuleta was initiated by 4CORE and a group of committed citizens in 2015 to break down financial, technical and inertial barriers that usually prevent people from going solar.

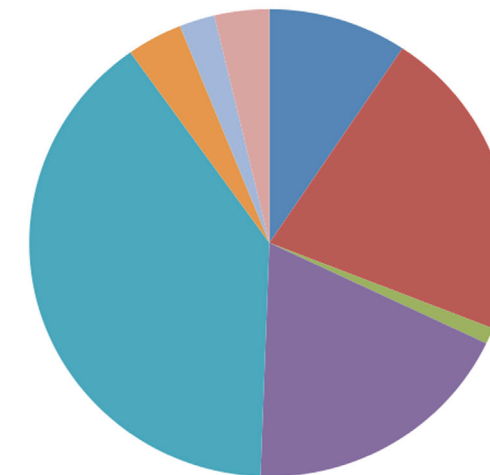
4CORE helped sign up over 108 participants in 2015. 13 installations were completed at the end of the program by August 2016.

Find more information about Solarize programs on our website.

4CORE is a 501(c)(3) non-profit organization. Copies of 990s and audits can be found at fourcore.org.

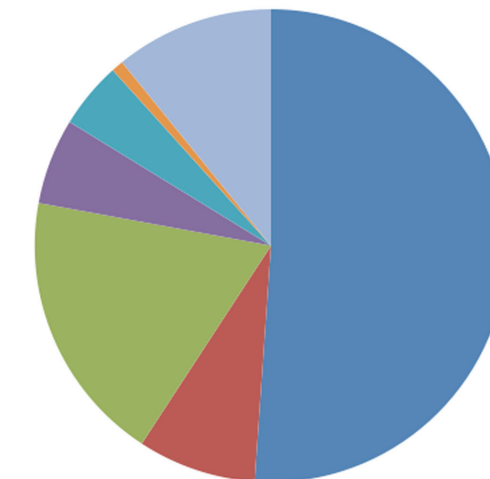
## 2016 Financials

How is 4CORE funded?



■ State Grants  
■ Utility Contributions  
■ Fee for Service  
■ Sponsorships  
■ Federal Grants  
■ Municipal Contributions  
■ Individuals

How were funds spent?



■ SW Solar Barn Raising  
■ Solarize Archuleta  
■ Management & General  
■ Fundraising Events  
■ HomeRx Energy Audits  
■ Resource & Referrals  
■ Refuel Colorado

We are grateful for the financial support of the following funding partners in 2016:

