

## 2016 Applicant-initiated UCAIR Grants Request for Proposals

The Utah Clean Air Partnership (UCAIR), a tax-exempt non-governmental organization, is proud to announce the 2016 UCAIR Grants Program. The goal of UCAIR's grants program is to provide incentives to the private sector, public-sector or nonprofit organizations to reduce emissions of criteria pollutants that cause Utah's poor air quality. Grants will be used to promote investment by the private and public sector in emission-reducing technology, lower emission vehicles, energy efficiency and other proven methodologies for reducing or eliminating emissions, including education of the public. The program will also encourage creative thinking and promote the development of new technology, but will be based on solid metrics and performance standards that demonstrate actual emissions reductions.

### GRANTS FUNDING AREAS

1. Projects that reduce the specific pollutants that create PM<sub>2.5</sub> and ozone in nonattainment areas or reduce ozone precursors in Duchesne and Uintah Counties. The projects should produce meaningful emission reductions and be replicable
2. Projects that target innovative emissions-reduction strategies and promote community involvement and education in implementing these strategies, on a state-wide or local level
3. Creative projects designed to utilize new or emerging technologies and address a significant source of emissions

### PARTNERSHIP OPPORTUNITIES

Partnerships are a key component of UCAIR's grants program. Through innovative alliances, UCAIR will match funds, projects, and cutting-edge technology to address air quality issues. Potential partners include:

- Businesses
- Financial lending institutions
- State and local government
- State and local health departments
- Chambers of Commerce
- Nonprofit organizations dedicated to air quality, alternative transportation and fuels, emergency efficiency, education, or other related goals

As part of accepting a grant, partners will be asked to sign a UCAIR Partner Agreement. The purpose of this agreement is to maximize the effectiveness of UCAIR's mission through partnerships with other organizations working to improve Utah's air quality. UCAIR intends to avoid duplication of efforts.

## **PROJECT TYPES**

The types of projects UCAIR plans to fund through its grants program are listed below. Similar projects have proven to reduce criteria pollutants through emissions-reduction programs in other states. The projects described are examples only. Other innovative approaches to improve air quality are strongly encouraged and will be considered based on their likelihood of promoting emission reductions.

### **1) Emissions Reduction Incentive Grants Program**

Activities eligible for incentive funding will reduce emissions from on-road heavy-duty vehicles, non-road equipment, or stationary engines when compared with a baseline vehicle or piece of equipment, including, but not limited to:

- Replacing an engine currently in use with another, cleaner engine
- Retrofitting an engine, vehicle or piece of equipment currently in use with an emission control system
- Purchasing new vehicles or equipment certified to lower emissions, including but not limited to electric, hybrid, or natural gas vehicles
- Fleet modernization or equipment replacement--the replacement of an older vehicle or piece of equipment that still has remaining useful life with a newer state of the art cleaner vehicle or piece of equipment. On-road heavy-duty vehicle fleet modernization, off-road equipment replacement, and lawn and garden equipment replacement are eligible project categories
- Purchasing and installing on-site infrastructure—including auxiliary power units—designed to dispense electricity to motor vehicles, on-road heavy-duty vehicles, non-road equipment, and stationary engines to replace the power normally supplied by the engine while the vehicle or equipment is parked (idle reduction) or to recharge electric vehicles or equipment being used in lieu of vehicles or equipment powered by an internal combustion engine

### **2) Utah Basin Ozone Reduction Grants Program**

Activities eligible for funding will reduce precursor emissions for ozone from the operation of oil and gas equipment in the Utah Basin. Equipment and control technology eligible for funding should result in emission reductions from large sources of aromatic VOCs and nitrogen oxides (NO<sub>x</sub>), and may include, but not be limited to:

- Low-emission glycol dehydrators at compression stations and production wells
- Controls reducing emissions by at least 95 percent on condensate tanks
- Low-bleed pneumatic devices at compression stations and production wells
- Tier II or higher drill-rig engines
- Low-emission pump-jack engines
- Forward-Looking Infra-Red (FLIR) leak-detection equipment
- Green completions prior to 2016
- Programs causing emission reduction by individuals or groups

### **3) Emerging Technology Development Grants Program**

Activities eligible for funding will stimulate the development of cutting-edge technology to control and characterize emissions. Priority will be given to projects that have the potential to reduce emissions from a significant source category, including but not limited to:

- Innovative air-pollution-control technologies
- Development of state-of-the-art instruments for measuring and characterizing emissions
- Development of mathematical models of air pollution chemistry, particle formation, and pollutant transport specific to the conditions and pollutants in Utah
- Development of science-based, cost-effective strategies for mitigating and reducing the health impacts of air pollution

#### **4) Education Grants Program**

Activities eligible in the Education Program include activities and programs encouraging individuals and groups to decrease polluting activities including driving, use of volatile organic compounds, wood burning, dust production, and other activities contributing to bad air conditions. Special emphasis will be on summer and winter episode behavior.

### **GRANT GUIDELINES**

UCAIR will offer grants to private-sector, public-sector, and nonprofit organizations. If UCAIR makes grants to organizations that are for-profit, the grants must be used to perform activities that further UCAIR's charitable purposes. UCAIR will enter into a Grants and Restriction Agreement in which the recipient agrees to use the funds in furtherance of UCAIR's charitable purposes. Guidelines include:

- Grant funds must be used to reduce the criteria pollutants that degrade Utah's air quality.
- Funding will be prioritized by the amount of actual emissions reduction anticipated from the projects.
- Proposals must delineate the metrics and/or performance standards that will be used to quantify emissions reductions.
- Projects that can be replicated to create additional emissions reductions will be given priority for funding.
- Applicants will be limited to private-sector, public-sector, or nonprofit organizations. Grants will not be made to individuals.
- All grants will be subject to an agreement between UCAIR and the successful recipient.
- The UCAIR grant program will only fund projects that are leveraged with other funding sources. The program will not fund projects that use UCAIR as the sole funding source.
- The current grant application deadline is October 1, 2016. Grants will be announced on November 18, 2016.

### **GRANT PROCESS**

#### **Oversight**

Two board-appointed committees will oversee the grants program:

- Review Committee - reviews grant applications. This committee may be composed of community members, or a mixed group of people from the Board and from the community to ensure fairness and an impartial review.

- Steering Committee – responsible for management of program funds and program oversight. Creates general and project-specific criteria and program guidelines, monitors grant activities and evaluates project performance.

### **Application Form**

The application is on the UCAIR website: <http://www.ucair.org/grants-loans/>  
Please email completed applications to [grants@ucair.org](mailto:grants@ucair.org)

### **Application Review**

Applications will be reviewed and ranked by the Grants Review Committee who will evaluate projected emissions reductions from each proposal. The Grants Steering Committee will review and analyze the proposals from a budget and funding perspective. The UCAIR Board will make the final determination on project funding.

### **Project Monitoring**

Successful applicants will be required, through the grant agreement, to submit a report on the success and status of the project six months after funding. The report shall include:

- One-to-three-page narrative on status of the project
- Evaluation of the emissions reduced to date (or projected emissions for emerging technology grants)
- Budget update on the funded project

Applicants will also be asked to provide a final report one year after funding that includes:

- One-to-three-page narrative on status of the project
- Evaluation of the emissions reduced to date (or projected emissions for emerging technology grants)
- Final budget report on the funded project

### **Project Modifications**

Please give careful consideration to the project submitted. It should be a fair and accurate presentation of your organization's funding needs – neither exaggerated nor diminished. If there are significant changes in the status of your project or program after your application has been submitted, it is your responsibility to notify us. This is especially significant if there are changes in budgets and time-lines, as well as progress in your fund-raising, including new grants pledged received from other sources. This is an important step that should not be overlooked.

### **Evaluation**

The Steering Committee will meet after the final report is received to evaluate the effectiveness of the project in reducing emissions.

### **Grant Cycle**

The grant cycle will run from the announcement of the availability of the grants until the recipients are notified and awarded the grant. Grants may be awarded in several different application rounds and cycles.