

## FINANCIALS AND THE PARTNERS



<b>2018 Revenue:</b>		<b>Expenditures:</b>	
Government:	\$201,264.31	82% to Programmatic Expenses	
Foundations:	\$15,550	18% to Admin/Other	
Individuals/Businesses:	\$9,044		

“The Nevada Governor's Office of Energy is pleased to be a partner in Project ReCharge. It is exciting to see and assist in promoting the development of young leaders in the energy industry”

— Angela Dykema- Director Governor's Office of Energy

## COLLABORATORS



Nevada Governor's Office of Energy



TESLA



Washoe County School District



## TESTIMONIALS

“This was hands-down *the best PD session I've attended.* If nothing else, the time and thought put into the material kits is absolutely amazing.”

— Teacher after 2018 PD



“Loved it! The day went by fast, so that means my students will love working on this too! Excited to bring this back to the classroom.”

— Teacher after 2018 PD



“Project ReCharge opened my eyes on cost and how simple things can make a difference with science.”

—8th grade student Pine MS, 2018



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2018 Annual Report  
Accomplishments from the 2017/2018 school year  
Inspiring and empowering the next generation of leaders and workers who will drive the growth of a sustainable economy.



envirolution

Get In Touch

3355 Downey Ave.  
Reno, NV 89503  
+775-229-8488  
renoinfo@envirolution.org

Envirolution is a 501(c)(3) nonprofit organization



## INTRODUCTION



On behalf of the Board of Directors and all of our wonderful staff at Envirolution, we are excited to present our accomplishments in this 2018 Annual Report. 2018 saw the successful completion of the National Science Foundation grant and Nevada Department of Education Math Science Partnership Grant with the University of Nevada-Reno's College of Education. Please see this report for all of our

great accomplishments under this funding. We are also excited to announce that this year, Envirolution initiated new working relationships with the Nevada Governor's Office of Energy and with Tesla via the Nevada Department of Education's Nevada K-12 Education Gift Fund. The Tesla funding represents a multi-year commitment from Tesla to support Project ReCharge expansion throughout the state as well as to expand our existing Sustainability Tours and develop additional business programs that focus on STEM and sustainability practices in the workplace. Additionally, Envirolution has committed to expanding community support of all of our programs over the next five years. Our focus in 2018 and 2019, has been, and will be to raise Envirolution's visibility in the community and to increase our number of local foundation partners. I am also pleased to announce that this year, the Board committed to becoming a 100% Giving Board, an important step forward in raising local funds. Over the next year, we would like to invite you to reach out to us to learn more about the exciting developments of PRC and how to get involved. We are projecting a very busy and exciting 2019.

*Vanessa Rob*

Vanessa Robertson  
Executive Director

## PROJECT RECHARGE



This interactive energy education program provides valuable professional development and classroom resources to teachers, who then **empower middle school and high school students to become energy detectives** focused on saving their home, school and local businesses money through energy efficiency proposals. Innovative lessons, energy data and interactive dashboards engage students and teachers as they learn about energy generation, consumption and efficiency.



Project ReCharge is a hands-on and project based Science, Technology, Engineering, and Mathematics (STEM) curriculum and training program that engages students, teachers and community professionals.



### Project ReCharge 2018 Accomplishments

**28 new teachers**  
**3 new school districts**  
**11 new schools**  
**2,800 Professional Development hours**  
**\$43,070 in classroom materials**  
**3 student proposals implemented**  
**Resulting in:**  
**\$31k in energy savings by reducing energy use by 1,024 MWh and cutting carbon emissions by over 848k lbs.**

## SUSTAINABILITY TOUR



5 day expedition for Northern Nevada youth to travel to local organizations to explore STEM careers, renewable energy sources, innovative technologies and environmentally friendly business practices.



New partnerships for 2018 included Tesla, Ormatt and the Great Basin Community Food Co-op.



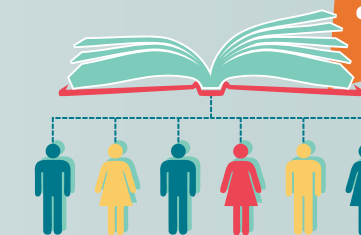
### Sustainability Tour Recap

**26 middle and high school students from 10 schools**  
**58% of participants received scholarships**  
**65% increase in knowledge about sustainability issues**  
**85% said they would consider a green career after the tour.**

## IMPACT TO DATE



**33 schools**  
**8 school districts**  
**96 teachers**  
**14,000 students**  
**33% increase in content knowledge**



**Since 2015:**  
**6,000 hours of professional development**  
**\$173,600 provided in classroom resources**  
**\$254,700 in cost savings from student-driven proposals by reducing energy use by 1,980 MWh and mitigating 823 metric tons of carbon emissions**

### Accomplishing our mission.

At the core of Envirolution's programs is the mission to inspire students to pursue STEM and sustainability careers post graduation. We are very proud to see that goal successfully attained in Jackie Medina, Wooster High School & Project ReCharge Alumni, who is now pursuing a degree in Civil Engineering.



## STAFF

### ENVIROLUTION TEAM



Vanessa Robertson  
Executive Director



Donna Walden  
Program Assistant



Matt Catalano  
Technology Program Manager

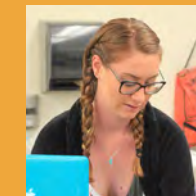


Chaja Hogeweg  
Marketing Coordinator

### MASTER TEACHERS



Leigh Metcalfe  
Reed High school



Terin Kirk  
O'Brien Middle school



Megan Weinhold  
Mendive Middle School



Kim Hanson  
O'Brien Middle school

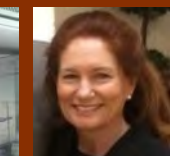
### BOARD OF DIRECTORS



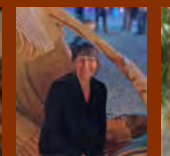
Susan Clark Ph.D  
Chief Operating Officer  
Don J Clark Group-  
Board Chair



Todd Markey  
AP Environmental  
Science Teacher,  
North Valleys HS



Sylvia Scoggin  
WCSD 6-12  
Science Program  
Coordinator



Vicki Bischoff  
Vice president,  
Suncrest Builders



Alex Gamboa  
Co- Founder  
and former  
Executive Director  
of Envirolution



Mel Zeldin  
Board Appointed  
Treasurer

