

Climate Wise Project Examples by Resource Type

Below are examples of projects and their required data. Also listed are other common project examples.

Energy					
<u>Examples of Projects Completed</u>	<u>Data Required</u>				
<p>Project Name: Lighting retrofit</p> <p>Details: We replaced 24, 4-lamp, fluorescent lighting fixtures with 24 higher efficiency 4-lamp lighting fixtures. The fixtures are in operation 2,000 hours per year.</p>	<p>1. Documentation of energy savings (kWhs or therms) from contractor or rebate application</p> <p>OR</p> <p>2. Description of equipment prior to change (e.g. number, power, watts, type, or at least age)</p> <p>3. Description of new equipment (e.g. power, watts, type)</p> <p>4. Operational characteristics (e.g. hours per year that equipment is in operation)</p>				
<p><u>Other Common Energy Projects:</u></p> <table border="0"> <tr> <td>Installation of lighting timers or sensors</td> <td>Appliance or office equipment replacement</td> </tr> <tr> <td>Heating or cooling equipment replacement</td> <td>Installation of a programmable thermostat</td> </tr> </table>		Installation of lighting timers or sensors	Appliance or office equipment replacement	Heating or cooling equipment replacement	Installation of a programmable thermostat
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Solid Waste					
<u>Examples of Projects Completed</u>	<u>Data Required</u>				
<p>Project Name: Aluminum & glass recycling</p> <p>Details: We implemented a recycling program for aluminum and glass that was previously landfilled. We collect each in a separate 65 gal container that is picked up bi-weekly.</p>	<p>1. Documentation of solid waste diversion (pounds, tons, cubic yards, gallons) from hauler</p> <p>OR</p> <p>2. Practice prior to change (e.g. landfilling)</p> <p>3. Practice post change (e.g. recycling)</p> <p>4. Material (e.g. aluminum, paper, etc.)</p> <p>5. Size of container (e.g. 3 yd., 96 gal., etc.)</p> <p>6. Frequency of pickup (e.g. weekly, on-call, etc.)</p> <p>7. Service provider or hauler</p>				
<p><u>Other Common Solid Waste Projects:</u></p> <table border="0"> <tr> <td>Source reduction (e.g. paperless office)</td> <td>Implementing a composting program</td> </tr> <tr> <td>Reuse through donations or repurposing of equipment</td> <td>Expanding a recycling program to include more materials</td> </tr> </table>		Source reduction (e.g. paperless office)	Implementing a composting program	Reuse through donations or repurposing of equipment	Expanding a recycling program to include more materials
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Climate Wise Project Examples by Resource Type (continued)

Transportation					
<p><u>Examples of Projects Completed</u></p> <p>Project Name: Reduction in vehicle miles traveled via bike fleet</p> <p>Details: We implemented a biking policy to clients within 2.5 miles of the office reducing our fleet mileage by 3100 miles. Our fleet runs on gas only, and has 4 sedans and 3 compact cars.</p>	<p><u>Data Required</u></p> <ol style="list-style-type: none"> 1. Practice prior to change <ol style="list-style-type: none"> a. Mode b. Mileage c. Fuel Type d. Vehicle Type 2. Practice post change (same data as above) 				
<p><u>Other Common Transportation Projects:</u></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Reduction in fuel use</td> <td style="width: 50%;">Replacement of vehicle with alternative mode</td> </tr> <tr> <td>Replacement of vehicle with alternative vehicle</td> <td>Installation of a covered and secure bike storage</td> </tr> </table>		Reduction in fuel use	Replacement of vehicle with alternative mode	Replacement of vehicle with alternative vehicle	Installation of a covered and secure bike storage
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Water					
<p><u>Examples of Projects Completed</u></p> <p>Project Name: Toilet replacement</p> <p>Details: We replaced two 5 gallon per flush toilets with 1.6 gallon per flush models. The toilets are in an office used by about 20 employees.</p>	<p><u>Data Required</u></p> <ol style="list-style-type: none"> 1. Documentation of water savings (gallons or kgal) from contractor <p>OR</p> <ol style="list-style-type: none"> 2. Description of equipment prior to change (e.g. flow rate or flush rate) 3. Description of new equipment (e.g. flowrate or flush rate) 4. Number of users (e.g. number of employees) 5. Type of environment (e.g. office) 				
<p><u>Other Common Water Projects:</u></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Leak assessment and repair</td> <td style="width: 50%;">Irrigation system improvement (xeriscape, reduced turf area, replacement of sprinkler heads)</td> </tr> <tr> <td>End-use fixture replacement (aerator, toilet, etc.)</td> <td>Process water change</td> </tr> </table>		Leak assessment and repair	Irrigation system improvement (xeriscape, reduced turf area, replacement of sprinkler heads)	End-use fixture replacement (aerator, toilet, etc.)	Process water change
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