

Step 4 - Implement a Green Initiative

Green Initiative - a project that results in one or more environmental, educational or economic benefits.

- Choose one or more of the following green initiatives to implement and complete a case study in the next section for each.
- Additional resources, guidelines and reduced cost tools can be found in the GCI Resource
 - <http://greencampsinitiative.org/green-camps-resource/>

Computer Energy Settings

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
EASY	Save up to \$30 annually per computer	30 Minutes	0\$

More Information Computer defaults are typically not set to maximize energy efficiency. Adjusting the energy settings on computers is a quick and easy solution to reduce administrative energy consumption.

Junk Mail

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
EASY	Paper Waste from Junk Mail	1-4 Hours	0\$

More Information Staffing at camp facilities turns over regularly, but they will often continue to receive mail. Some items need to be forwarded to those staff, but much of it is "junk mail". Spending some time to cancel subscriptions can significantly reduce this unnecessary waste stream.

Sustainable Paper Use Practices

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
EASY	1000's of gallons of water, lbs of paper and trees.	1-2 Hours	0\$

More Information There are many tools and methods available to reduce the use of paper. You can also choose to purchase paper products that are produced in more environmentally friendly ways.

Water Heater Insulation

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
EASY	\$20-\$45 annually	1 Hour	\$30

More Information Adding insulation to your water heater can further increase its efficiency.

Smart Power Strips

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
EASY	\$19.20 - \$68.40 annually	1 Hour	\$30

More Information Smart power strips work to reduce your power usage by shutting down power to products that go into standby mode and will automatically turn off peripherals.

Rechargeable Battery Station

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
EASY	Investment returned in 2nd year of operation	1 Hour	15\$-45\$ per station

More Information How many batteries do you go through each month/year? Rechargeable batteries require an upfront investment for equipment, but this cost can quickly be recouped, typically after the first year of implementation. Rechargeable batteries reduce battery waste.

Recycled Art Projects

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
EASY	Divert waste from the landfill	1 - 3 Hours	\$0 - \$1 per project

More Information There are many ways to reduce the amount of waste we send to the landfill. You can use trash and recyclables to create unique and educational art projects. Learn how you can incorporate sustainable arts and crafts projects into your program.

Electronics Recycling

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
EASY	\$1 - \$30 per item (some restrictions)	1 - 3 Hours	\$0

More Information E-waste is a popular, informal name for electronic products nearing the end of their "useful life." Computers, televisions, VCRs, stereos, copiers, and fax machines are common electronic products that can be reused, refurbished, or recycled. You can also launch a fundraising program by having your guests bring their recyclable electronics.

Low Flow Showerheads

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
MEDIUM	Save \$23.80 - \$32.50 per person per year	1-3 Hours	\$5/shower head

More Information Low-flow showerheads use as little as .5 gallons per minute while standard or high-pressure showerheads use 3 gallons to 8 gallons per minute. Low-flow shower heads work by restricting water flow while still maintaining pressure for a strong spray.

Exit Signs

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
MEDIUM	\$37 a year	1 Day	\$20-\$40

More Information Exit signs might not seem like an important part of energy efficiency, but because they operate 24/7, they can have substantial electricity usage. Energy efficiency is a key criteria when selecting an exit sign, along with appearance, visibility and readability

Monitor Utility Meters

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
MEDIUM	> 1% of annual utility bill	1-3 hours/month	\$20 per meter/month

More Information Tracking your utility bills can help stop being overbilled by your utility and reduce the amount of energy your buildings are using. Find a solution to track your utility bills and usage behavior as you implement sustainable systems.

Waste Audit

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
MEDIUM	Reduced Disposal/Ordering Costs	1 Day	\$0

More Information A waste audit is an analysis of your facility's waste stream. It can identify what types of recyclable materials and waste your office generates and how much of each type is recovered for recycling or discarded. Using the data collected during a waste audit, your organization can identify ways to reduce waste and enhance its recycling efforts and determine the potential for cost savings.

Rain Water Catchment

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
MEDIUM - HARD	A 40 ft by 30 ft roof that receives 3 inches of annual rain will collect 2250 Gallons.	1 Day - 1 Week	Starting at \$100

More Information Rainwater harvesting provides an independent water that provides water when there is a drought, can help mitigate flooding of low-lying areas, and reduces demand on wells which may enable ground water levels to be sustained.

Composting

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
MEDIUM - HARD	2,000 - 20,000+ lbs of waste diverted	As little as one day.	0\$ - \$750

More Information There are many different ways to compost food waste. Choose a compost system that best meets your quantity and location needs. Your compost system will also serve as a demonstration station to educate your guests and provide them the tools to bring these ideas back into their home communities.

Laundry to Landscape

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
MEDIUM - HARD	15 - 23 Gallons of water per load of laundry	3 Hours	\$150-\$250

More Information The Laundry to Landscape system is the simplest, least expensive, most efficient way to get your greywater into the landscape and out of the septic tank.

Smart Watering Controllers

PROJECT LEVEL	POTENTIAL SAVINGS	TIME TO COMPLETE	OVERALL COST
MEDIUM - HARD	Smart controllers can save up to 25% of the water applied by a traditional controller.	2-3 Hours	\$249

More Information Residential outdoor water use in the United States accounts for more than 9 billion gallons of water each day, mainly for landscape irrigation. Experts estimate that as much as 50 percent of this water is wasted due to overwatering caused by inefficiencies in irrigation methods and systems. Irrigation control technologies can significantly reduce overwatering by applying water only when plants need it.