



EMS
**Pollution
Prevention**



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Visit our share portal:

<https://home.army.mil/sites/eur/Ger/Ans/dpw/Environmental/default.aspx>

Our EMS Goals for this Year:

1. **Reduce Energy Consumption by 3%**
2. **Reduce Water Consumption by 2%**
3. **Implement a Green Procurement Program**

Top Green New Year Resolutions

Each year people make resolutions for the New Year to improve their lives. This year, why not incorporate some green tips into your resolutions?

Save money without spending a dime: Unplugging electronic equipment you aren't using; turning off the lights; lowering your heat; switching from chemical cleaners to homemade cleaners, and taking public transportation can all help save money and the environment. Another money saving and environmentally friendly tip? Do not let your car idle while waiting for someone or to run a quick errand. It is also against the law in Germany!

2. Cut Clutter: We all have too much stuff— especially if your home just received an influx of gifts over the holidays. Un-clutter and update your closet by hosting a clothing swap or donating old clothing. Keep junk drawers and counters clutter free by recycling junk mail and magazines.

3. Lose weight: Many classic weight loss tips line up perfectly with a green lifestyle. The highly processed foods that are high in calories also

pack a production wallop that uses lots of energy. The packaging alone, creates more waste. Trading one meat based meal each week for a vegetarian option can help curb the effects of global warming. If you are going less than a mile, trade driving for walking; for longer distances, why not use your bike?

4. Quit smoking: Cigarettes are a huge source of litter— plus there's nothing eco-friendly about the pesticide, deforestation, paper use, and waste output of cigarette production. Tobacco smoke also causes air pollution, by releasing carcinogens and other toxins through second hand smoke and from the lit cigarette itself.

Stick to it: The most popular advice for keeping resolutions is to keep them simple: look at small changes you can make to reach your long term goals, like adding 30 minutes of bike riding to your routine or going to the farmer's market twice a month. Don't make too many—choose one or two goals and focus on those.

**Good luck and
Happy New year!**

Proper Heating and Ventilation in Winter

To prevent mold and to have good air quality in your living spaces, it is important, especially during the winter, to practice proper heating and ventilation techniques. Therefore, please follow these 5 steps:

1. **Turn off the heat completely.**
2. **Open windows across from each other wide → do not tilt**

the windows.

3. **Air at least 5 minutes.**
4. **Close the windows.**
5. **Turn heat back on.**

Repeat this procedure 2 - 4 times a day and you will save energy, improve your quality of life as well as your mental and physical performance.

**Upcoming
Events**

Look for our **FREE 2013 Environmental Calendar** now available at the **EMD office** or **DPW Housing offices**

**On the 5th of December
WORLD SOIL DAY**



Due to pollution, erosion and sealing, soils require more and more protection. The equivalent of more than 3 billion tons of top soil is lost every year. Soil sealing (paving etc) means an irreversible loss of soil and its biological functions. The main hazard of soil sealing is the reduction of the ability of precipitation to get back into groundwater. Therefore, in case of heavy rain, it increases the risk of flood. This partly explains the severe floods which happened in eastern Bavaria in June 2013.



Why not have a Green X-MAS ?

Use **Energy Efficient Christmas-Lights**, and **Save** a quarter of electricity and keep them 12 times longer!
Reduce the size of outdoor lighting displays.



Give **“Battery free”** gifts such as wooden toys or kites etc.



Keep your eyes open and track Host Nation Logos to get **local products**



Regarding electronic gifts, look for the ones with the **energy star** label!



Wrap presents in posters, pages from glossy fashion magazines or decorated grocery-store bags.

Be creative! 😊

Turn off tree lights and outdoor house decorations at bedtime



Undecorated Christmas tree disposal is available on **10th and 17th of January:**

- Uralas fmr MOUT, site
- Recycling centers (Katt/Stork Brks)
- Or housing trash areas in Bleidorn, Katterbach and Uralas.

More info coming soon in the Garrison Daily Flash and on Facebook



For the 8 weeks following Thanksgiving, **the most brilliant comet** likely visible, called ISON (meaning International Scientific Optical Network, which is the name of the telescope of the discoverers), will be present. It is one of the biggest sungrazing comets discovered, and was classified as a comet in September 2012. These kinds of comets are usually not visible without a telescope.

ISON is unique and visible with the naked eye at sunset, really close to the sun itself (Southwest horizon), as well as at sunrise (Southeast horizon). Let's hope the sky will be clear!



Did we achieve our GOALS for 2013?

Heating Consumption

GOAL: Reduce 3 % per year

FY 12



221,771 MBTU
\$ 8,787 K

FY 13

240,629 MBTU
\$ 10,304 K

NO

Electricity Consumption

GOAL: Reduce 3 % per year

FY 12



112,944 MBTU
\$ 4,950 K

FY 13

100,094 MBTU
\$ 5,606 K

YES

Water Consumption

GOAL: Reduce 2 % per year

FY 12



111,400,000 gal
16.37 gal/sf
\$ 1,317 K

FY 13

111,200,000 gal
16.40 gal/sf
\$ 1,351 K

YES



Buy Green Corner: Christmas Trees



What is Christmas without a Christmas Tree?! But, is there an environmentally friendly way to obtain one?



The cheapest and most sustainable option is to simply decorate an outdoor tree for Christmas. So you bring happiness not only to yourself, but also your neighborhood. If you'd like a real Christmas tree, try to buy from a local sustainable or organic farm. By buying locally, you'll cut down on CO₂ emissions by avoiding long transport routes. Supporting sustainable and organic farms helps prevent environmental degradation wrought by pesticides on big conventional operations. Furthermore, it is possible to cut down and purchase your own tree from forest owners, producers or forestry districts. Information as to production conditions of the trees are given by certificates and labels. The minimum standard of an environmentally friendly forestry is the label of the Forest Stewardship Council (FSC). In contrast, the label of the Program for the Endorsement of Forest Certification (PEFC) guarantees sustainable forestry. In Bavaria, 80% of the forest area is PEFC certified.

