

LoveEarthSaveEarth



Do your best,
it is never late





Planet Earth has been home for humankind for a long time. Since we would certainly like this hospitality to continue in the future, it is our duty to preserve our planet, keep it clean and safe. There is a lot we can do and to act upon

We, in AlumiL, work and create focused on the highest sense of responsibility towards environment and our planet

Aluminium, the core of our business is 100% recyclable.

In addition, our packages and packing are strictly made out of recyclable material.

We use safe, toxic – free coating in all our production facilities both in Greece and internationally.

AlumiL is also a pioneer in designing and creating bioclimatic buildings.

Furthermore, we train our people to be environment friendly, we recycle 100% of our stock material and of the used paper, we apply specific programs to decrease the amount of disposals, other programs to save energy and our extrusion, electrostatic coating and foundry departments operate based on certified systems (ISO 14001:1996).

Finally, we initiate a lot of actions to inform and prompt the public. Join us to keep our planet Green!



The environment and humankind are our priorities.

Corporate Social Responsibility: a company's voluntary commitment for pro social and pro environmental actions influencing everyone with direct or indirect relationship with it (employees, shareholders, suppliers, associates, partners, investors, consumers and communities it belongs in). Law does not oblige companies to take these actions.

Save energy, Help the environment, Save on your bills



Use energy saving light bulbs

- 1 You will get the same amount of light and consume less energy. This kind of bulbs use almost 5 times less energy than the usual ones, thus resulting in savings up to 100_ per year.
- 2 Keep bulbs and lights dust-free.
- 3 When natural lighting is adequate, avoid switching on lights
- 4 Don't leave lights on when no one is in the room. If there is a light that you forget to turn off, place a sign to hang next to it that says "Turn off!"
- 5 If you need to leave a security light on over night on your porch or veranda, change the bulb to a compact fluorescent



Save on water

- Take showers instead of baths. A typical bath uses around twice as much water as a shower.
- Fix dripping taps and leaky toilets.
- Maintain the thermostat's temperature up to 60°C and turn it on only when you urgently need hot water.
- Wash your clothes in lukewarm instead of burning hot water
- Install a solar water heater
- Use a broom instead of a hose to clean off the driveway, patio or deck



Use energy saving light bulbs

Think smart when using electrical appliances



Think smart when using electrical appliances

- 1 Use the stove's correct hot plate to warm water in pots, pans, or saucepans.
- 2 Turn the stove / oven off before cooking or warming is completely finished.
- 3 Use the microwave to warm up or defrost small amounts of food since they use around 50% less energy than conventional ovens do. For large meals, however, the stove is usually more efficient.
- 4 In the summer, using a microwave causes less heat in the kitchen, which saves money on air conditioning
- 5 Use the dish or clothes washer only when filled to capacity
- 6 Place the fridge away from the oven, dish washer or heater so as to use less energy in keeping the temperature low. Avoid opening the door frequently or keeping it open any longer than you need to. Wait till food has reached room temperature (down from hot or warm) to put it inside.
- 7 Make sure the fridge door closes securely. Test the rubber-like seal around it. Just close the door on a bill, and then see how easy it is to pull out. If the bill slides out easily, the door is probably leaking cold air from inside
- 8 Replace operating old refrigerators since they consume a lot of energy
- 9 If you only have a small lawn in your garden area, consider getting a manual push mower. It doesn't use any energy except your own.
- 10 Don't use an electric or gasoline leaf blower. Instead, use a rake.



Switch off appliances

- Turn off the TV, computers, radios and stereos when not using them.
- Switch off appliances completely and save up to 10% of the household's energy consumption. Do not leave them on standby
- Choose energy efficient appliances when it's time to replace the old ones



Replace old systems & insulate openings

Make a map of your home, and mark all windows, heating vents, and outside doors. Take a ribbon and hold it up to the edges of the doors and windows. If the ribbon blows, you've found a leak. That means that heat /cool is escaping during the winter /summer retrospectively, so you need more time and will consume more energy in order to reach the desired temperature.

Around half of heat loss in a typical home is through walls and lofts. So, it is worth installing thermal breaking systems with double glazing, as you will reduce energy consumption by at least 30%, save money and finally reduce your carbon footprint.



Alumil has designed and produced a special insulating material for openings called polyamide. According to International & European specifications, these high quality thermal breaking systems have been graded in the highest performance categories.

Example:

Let's suppose that a 100 m² home that has 3 French window doors and 2 windows.

In winter, outside temperature is -5°C while internally it reaches 22°C. An aluminium system with no thermal break and single glazing results in a 2.327Kcal/h heat loss. In order to heat your house 720€ will be needed, of which 30% (216€) is the systems' thermal loss.

An aluminium system with thermal break and double glazing results in a 460Kcal/h heat loss. In order to heat your house 542€ will be needed, of which 7,7% (42€) is the systems' thermal loss.

So, we can have 80% reduction in heat loss and 25% gas savings.

25% gas savings



720€

we spend using aluminium systems with no thermal break and single glazing



542€

we spend using aluminium systems with thermal break and double glazing





Reduce air conditioning consumption

- 1 Alumil's technologically advanced sun shading solutions (like the ones from Phifer Wire Inc.) reduce glow and heat up to 90%.
 - 2 Keep windows closed when air conditioning is on
 - 3 Place plants in balconies and flat roofs and especially in front of south facing openings since they guarantee more sun heat during winter and shading during summer.
 - 4 Install ceiling fans
 - 5 If you have a fireplace, close the damper when you don't have a fire burning. An open fireplace damper can let 8% of heat from the furnace escape through the chimney. During summer, an open fireplace damper can let cool air escape.
 - 6 Keeping curtains closed on cold, cloudy days helps block cold air from getting inside. Also, keeping the curtains closed on very hot days keeps hot air outside
 - 7 Place horizontal shading blinds on south facing windows and vertical external shades on east and west facing ones
- Alumil provides all kinds of shading blinds: horizontal and vertical either fixed or not



Learn about bioclimatic buildings and renewable energy sources

The construction sector accounts for 40% of the total energy consumption in Europe. This can be reduced by:

- bioclimatic curtain wall systems using innovative double glazing systems like M5 ECO
- installing photovoltaic frames like Alumil's M6 on the building in order to produce power
- bioclimatic curtain wall shading systems. Alumil provides various series for horizontal, vertical or skylight roof windows





Recycle!





Recycling

Recycling lowers pollution and preserves natural resources like trees and forests that absorb carbon dioxide. Let's all try to buy goods that can be used again instead of disposable ones, let's separate the items that can be recycled from the rest of the trash and use the special collection points. That way we will save energy used for production as well as needed landfill space to throw garbage away.

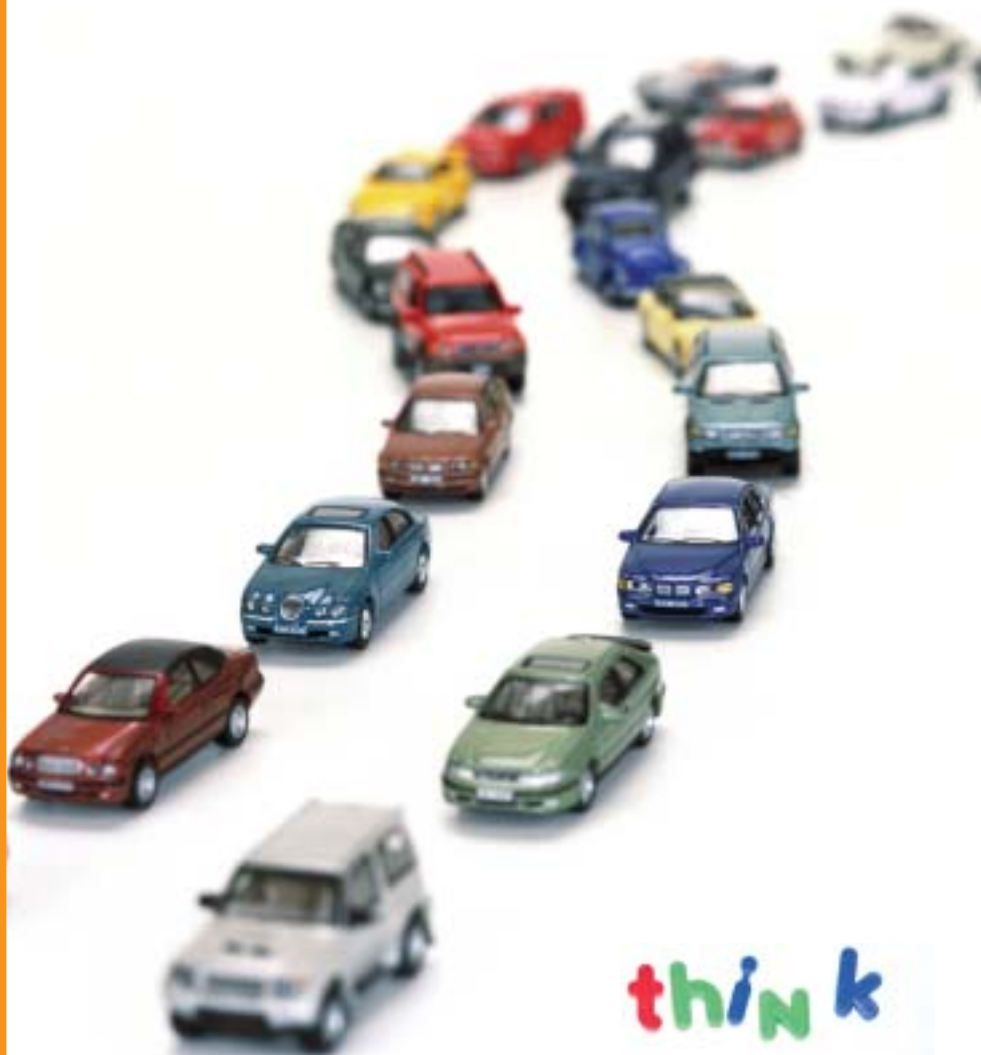


Aluminium: a 'green', environment-friendly metal

Aluminium is 100% recyclable. It is separated from other metals easily and can be repeatedly recycled retaining at the same time its qualities. When recycling aluminium, we save 95% of the energy needed to produce it from raw materials.

So, soda cans and other products made out of aluminium are not just trash. They can be recycled and by doing so we help the environment, we save energy and preserve natural resources.





think
green

Saving on transportation costs



Defer from using the car...

Walk, ride your bicycle, car pool or use public transportation



Drive smart

Avoid rush hour traffic, thus saving time and gas

Keep speed limits, since gas consumption sharply increases when driving above 88 km/hour

Avoid keeping the engine running for no reason

Maintain the car in good condition since regular services improve performance and decrease gas emissions

The right amount of tire air decreases the abrasion consumption, resulting in savings of up to 100€ per year



Learn about hybrid cars

Hybrid cars work on a combination of gas and electric power – batteries charge while driving -, consume far less gas than the rest and most important of all, they are environment friendly.



Travel less by airplane

By cutting back on air trips – even one or two flights per year – we contribute on decreasing CO2 emissions. So, let's all use trains, buses and ships (even cars pollute the environment less) more.



While shopping



Prefer goods produced locally

These goods are cultivated or produced in our regions, from local farmers or associations and they do not require extensive transportation, thus saving on energy. Also, we should choose seasoned foodstuff



Carry your own shopping bag at the supermarket

So as to avoid using plastic disposable bags that take centuries to disintegrate. Also, we cut down 15 million trees per year in order to be manufacture paper bags..



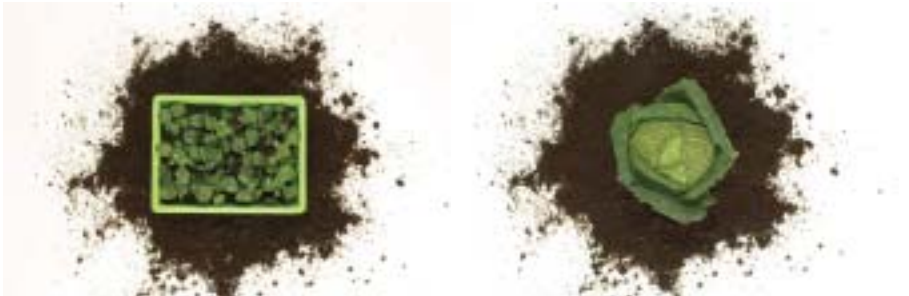
Prefer recyclable packing

since 1/3 of our trash consists of packages. Instead we should buy unpacked products or goods in recyclable packages



Avoid unnecessary purchases

All products consume energy in order to be produced. In order to save energy, we should change our buying behaviour, try to buy goods that we need and specifically those we will actually consume. This way we will also save money.







Learn, speak, support



let's inform and inspire others



learn more about global warming and environmental change



educate others



learn about bioclimatic buildings and how you can create an environmentally-friendly home



support your friends to do the same



learn which companies try to decrease emissions and manage with respect to the environment. Support them



support an environmental organisation. Many of them are doing a great job in finding solutions to the environmental crisis and ask for our assistance





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Therapy
CENTER S.A.



HELP OUR PLANET.
PLEASE RECYCLE
THIS BROCHURE



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