



Enterprises Climate Cup Ireland

Who is saving the most energy in the office? This will be demonstrated by the Climate Cup. During the tournament, small and medium sized enterprises in Ireland are competing in energy saving and the most effective energy saving strategies in their offices. We are taking part! Why? Because we want to reduce energy costs and show our environmental commitment. Therefore we aim to save electricity and energy for space heating and cooling. It's all about small actions with a saving potential of up to 15 percent.

More information on: → <http://ie.enterprises-climate-cup.eu/>

European Enterprises Climate Cup

The national competition is part of the European Enterprises Climate Cup which is funded by the program Intelligent Energy Europe. In total, 200 companies from 10 European countries are participating. In each country the national champion will be awarded an energy saving device or gift worth € 2,000. All national winners will be invited to the EECC Award Ceremony in Brussels. Among the national winners, a European jury will select the three best European energy-saving companies with the highest energy reduction and the most convincing saving measures.

More information on: → www.enterprises-climate-cup.eu

Climate Cup Ireland – Are you in?



A SHINING EXAMPLE?

How it works: Last one out should make sure to turn off all lights – whether in the conference or recreation room or in the office during lunch break – switching off lights saves energy and costs immediately! Despite a common understanding of the value of this easy measure, it needs to be consistently reinforced before it becomes the norm.

Did you know? Lighting accounts for up to 30 % of the electricity consumption in an office. By switching to LED and more efficient controls, up to 70 % of energy saving could be achieved.

Energy saving device: LED

The advantages of LED are obvious: They consume far less power than energy saving bulbs and have a longer life-time. Thus, their energy balance is better – despite their higher energy requirement for manufacturing. *By the way:* Even by switching them on and off frequently, LEDs will not be damaged significantly.



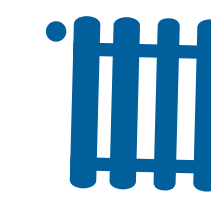
AFTER WORK

How it works: Turn off all unnecessary equipment, kitchen, IT and office equipment. Make sure they are fully powered down and not in sleep or standby mode. Turn off the switch at power outlets and for hard to reach outlets use a remote control power lead. Standby power on one piece of equipment can amount to € 30 per year.

Did you know? Fact 1: A PC including monitor has average annual standby losses of 100 kWh. Fact 2: In Ireland, there are approximately 200,000 enterprises with less than 250 employees. Fact 3: If these companies reduced their computer standby losses they could cut costs by € 13 million per year in total.

Energy saving device: Detachable plug board

At work detachable plug boards are convenient. One button pushed and all IT devices are switched off the electricity net and standby losses are avoided. If you use detachable plug boards with master-slave function you have to be aware of its internal consumption. These datable plug boards can also come remote controlled for hard to reach plugs.



COSY AND EFFICIENT?

How it works: Thermostats don't have to be set at the highest value in order to get to the required temperature. Ideal temperatures for most offices are between 20 – 22 °C. Make sure that radiators are not covered by curtains and that no items are placed on it reduces energy consumption as heat can circulate better.

Did you know? Whether the temperature in the office is one degree higher or lower is hardly noticeable. Who turns down the heating – in consultation with colleagues – is saving about six percent heating energy per degree. In a 200-square-meter office with 15 employees about 1,500 kilowatt hours of heating energy can be so saved annually. That's energy for preparing more than 50,000 cups of hot coffee.

Energy saving device: Thermometer & programmable thermostats

One freezes. The other feels hot. A thermometer is measuring objectively the temperature in the office. That way disputes are avoided and energy may be saved. We recommend temperatures between 20 and 22 °C. *By the way:* programmable thermostats help save energy. If they are used, the desired temperature for each radiator can be regulated and timed precisely. Where possible sit employees who feel similar temperatures might be best and adjust the local thermostats accordingly.



IMPROVE THE CLIMATE IN THE OFFICE?

How it works: Ventilation is important for the health of employees and the health of the building. Ventilation is controllable through windows, vents and mechanical ventilation. Draughts are not controllable and need to be eliminated.

Did you know? Every hour an employee exhales 60 milliliters of water. This accounts to half a bucket of water in an office with 10 employees. To ensure a healthy in-door climate, the humidity of your office should be released by ventilating at least four times a day for at least five minutes.

Energy saving device: Hygrometer

A hygrometer can measure the humidity inside a room. Ideal values are between 40 and 60 percent humidity. Humidity levels below or above this can cause discomfort or even health problems. Exposure to low humidity can dry out and inflame the mucous membrane lining your respiratory tract and the risk of catching a cold increases. Excessive humidity supports mold formation.



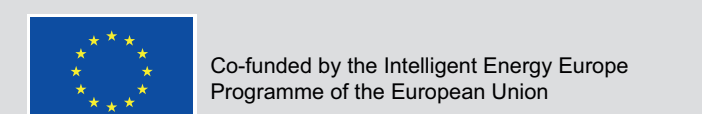
WHO SEES THE BIG PICTURE?

How it works: Only if you know your energy consumption you can effectively save energy. Therefore we are keeping track on the energy consumption of our office with the help of the online Energy Savings Account iESA. And: It is also suitable and free of charge for private use at home.

Did you know? Who switches off their monitor for one hour during meetings and lunch break at a full-time working day can save 11 percent electricity. *By the way:* An inefficient 24 inch screen can cost € 90 annually in electricity cost. A more efficient model requires less than half of the cost.

Energy saving device: Energy meter

How much electricity is consumed by the monitor? Or by the fax machine? Using an electricity meter this can be measured easily. Many devices also display the resulting energy costs. Caution: The measuring range should start at 0.5 Watt to ensure that small values can also be determined accurately.



IMPRINT
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