



**Artiga Fustel's**  
**5-Year Environment Plan**  
January 2007 – January 2012

## Artiga Fustel's 5-Year Environment Plan



- ? In January 2007, Artiga Fustel's **5-Year Environment Plan** was put into action. The simple 5-point plan outlines the steps our company is committed to taking between now and January 2012, with a view to minimising the environmental impact of our products.
- ? As a growing company, we are fully aware of our obligation to the environment and are therefore totally committed to being green, and not just being seen to be green.
- ? This plan addresses all aspects of our company's activities, looking at both the direct and indirect impact that our business has on our environment. This requires us to work extremely closely with our suppliers and select only those companies that share our commitment to operating environmentally responsibly (see Annex).
- ? The plan is flexible and will be adapted to reflect the continuous development of new technologies and innovations in packaging and renewable energy. Our "green team" also reviews our Environment Policy twice a year, setting new objectives and targets.
- ? The fulfilment of the following 5 core objectives remains the driving force behind all action taken in our on-going battle against climate change.

### The 5-Point Plan



## Action to Date

Since January 2007, Artiga Fustel has made significant inroads into the fulfilment of some of the core objectives of our 5-Point Plan. These include:

- Implementation of a company-wide “turn it off” policy – PCs, lights, printers, photocopiers.
- Waste recycling – paper, plastics, aluminium, glass, ink cartridges, batteries etc.
- Reuse of pallets used in the transportation of our wines and dry goods.
- Switch to energy saving light bulbs.
- Reduction in road transport – 90% of Artiga Fustel employees now walk to work.
- Reduction in air travel, in favour of teleconferencing.
- Reduction in use of air-conditioning – energy saving through an increase of 2°C, to 25°C.
- Planting of native broad-leaved trees in office grounds.
- Increased use of recycled bottles.
- Discontinuation of the traditional PVC bottle capsule (see Annex).
- Switch to guaranteed renewable energy sources - Since January 2007, Artiga Fustel has committed to a special “green rate” which allows our electricity supplier, *Fecsa*, to guarantee that 100% of our electricity supply comes from renewable sources.
- Switch to Biodiesel fuel on all company vehicles
- **CARBON OFFSETTING IN ASSOCIATION WITH carbon footprint™ and Tree Appeal\***

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- Our collaboration with **carbon footprint™** allows us to quantify the effect of our products on the environment, by calculating our total carbon footprint.
- This enables us to set and reset our goals in our battle to reduce our carbon emissions to an absolute minimum. It also facilitates the assessment of the effectiveness of each action taken as part of the **5-Point Plan**.
- While we are unable to achieve total Carbon Zero status, due to the limitations of current technologies and the inevitable need to transport our products from source to consumer, the **offsetting** of carbon emissions is the next best thing. This allows us to create products whose carbon footprint is totally neutralised through investment in emission reduction projects throughout the world (see Annex for an example of one such UK project, carried out in association with Tree Appeal).
- For more information on how **carbon footprint™** is helping us to calculate, reduce and offset our carbon emissions, please visit [www.carbonfootprint.com](http://www.carbonfootprint.com)

**THROUGH OUR COLLABORATION WITH carbon footprint™, WE ARE ABLE TO GUARANTEE THAT EVERY BOTTLE OF ARTIGA FUSTEL WINE IS 100% CARBON NEUTRAL.**

## Planned Action Between Now and 2012

We are working increasingly closely with suppliers in the development of evermore environmentally-friendly materials that are able to push the boundaries of creativity, while working within the prescribed safety limitations. Current projects include:

- Development of lightweighted glass bottles.
- Study of alternative, lightweight, recyclable packaging, such as PET bottles.
- Study of alternative bottling locations, closer to market, e.g. in the UK
- **BUILDING A BRAND-NEW 100% SUSTAINABLE PRODUCTION PLANT\***

### \* SUSTAINABLE PLANT

- Plans are already underway to build an all-new 100% SUSTAINABLE production facility in southern Spain. This will see the majority of Artiga Fustel products bottled under one roof from the end of 2009.

### EARTH-FRIENDLY BUILDING MATERIALS

- This facility will incorporate the most environmentally-sound building materials, combining adobe with more than 4,000 densely-packed bales of straw. The decay-resistant straw offers exceptionally high insulating properties, which will allow us to maintain a comfortable operating temperature without air-conditioning.

### RENEWABLE ENERGY SOURCE

- Up to 80% of the plant's energy requirements will be provided directly from Spain's richest renewable energy source, with extensive arrays of photovoltaic panels across the plant's recycled wooden rooftop and sun-drenched grounds. This solar energy will also be harnessed to power the heating and cooling systems that may be required at the plant during the most extreme summers and winters.
- The winery's visitor centre will also be used as an interactive forum for educating customers on issues such as solar power, with a real-time visible display showing how much energy is being created and used at the winery.

### WATER MANAGEMENT

- The facility will incorporate an advanced water management system which will enable us to reuse waste water that has been treated by our onsite processor.
- The system will also incorporate underground reservoirs for collecting rain water that can then be processed and used in the daily running of the plant.
- Taps and hoses will also all be fitted with low-volume, high-pressure nozzles, which will enable us to save up to 50% of the water used in cleaning.

### ALTERNATIVE BOTTLE FORMATS

- The production line will incorporate its own injection-blow moulding technology that will enable us to transfer some of our products from the lightweighted glass format to the even more environmentally-friendly PET bottle format.

## Annex

All suppliers to Artiga Fustel comply with the strictest environmental management regulations, and demonstrate an on-going commitment to the protection and preservation of our environment. Current certificates include the following:

### CAPSULE SUPPLIER

- AENOR ENVIRONMENTAL MANAGEMENT CERTIFICATE *GA-2002/0197*
- IQ-Net ENVIRONMENTAL MANAGEMENT SYSTEM *UNE-EN ISO 14001*
- QUALITY MANAGEMENT SYSTEM *ISO 9001:2000*
- ENVIRONMENTAL MANAGEMENT SYSTEM *UNE-EN ISO 14001:2004*

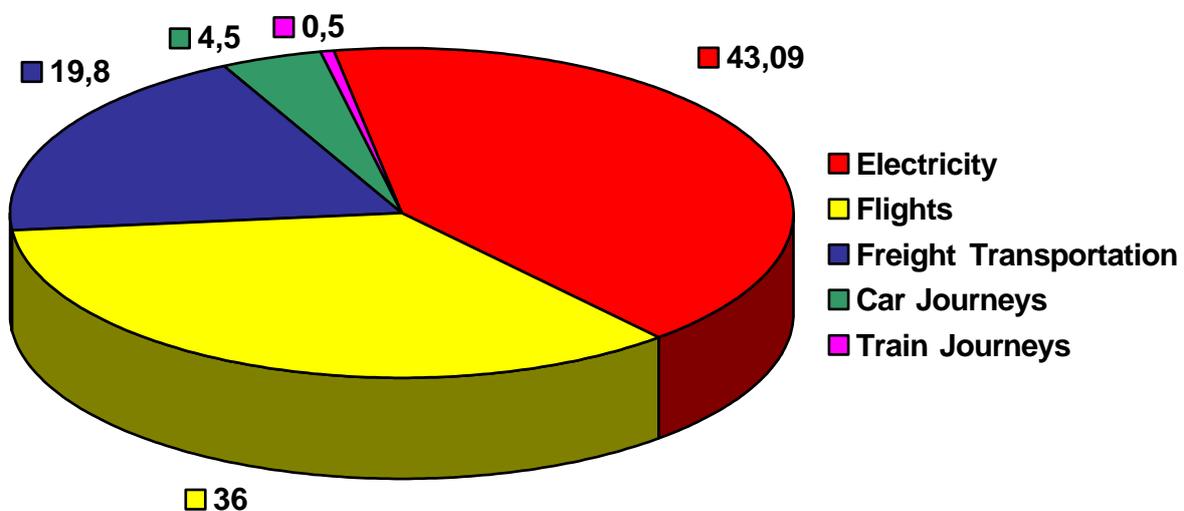
All Artiga Fustel capsules are now two-piece aluminium / polythene capsules with a total toxic metal component inferior to 100 parts per million (100 PPM).

All ink used for the decoration of capsules is coloured with organic, water-soluble pigment.

### CARTON TRANSPORT CASE SUPPLIER

- CERTIFICADO DE CALIDAD Y MEDIO AMBIENTE *ISO 9000:2000*
- CERTIFICADO DE CALIDAD Y MEDIO AMBIENTE *ISO 14000:1996*

### Artiga Fustel Total Carbon Emissions 2006 (Tonne / CO<sub>2</sub>)



Total = 103.90 Tonnes CO<sub>2</sub>