



**The 1<sup>st</sup>  
Extra Virgin Olive Oils  
in the world that  
have been certified  
Carbon Neutral !**





# Carbon Neutral Olive Oil !

Climate Change is a reality that demands a higher level of responsibility from all of us. **GAEA**, recognizing the severity of this issue, has minimized its impact on the climate by recently completing a unique initiative to offset the carbon emissions (CO<sub>2</sub>) of its olive oil products in co-operation with the Swiss organization **myclimate**.

This way, our **GAEA** olive oils have become **Carbon Neutral**, meaning that they have no negative impact on the environment.



# What is carbon offsetting?

Carbon or Greenhouse Gas offsetting is the funding of climate protection projects by an individual or a company, such as **GAEA**, in order to compensate for the carbon emissions it produces as a result from its operations and/or products.



**GAEA** calculated the amount of carbon emissions produced per kg of olive oil and compensated it by funding climate protection projects through the **myclimate** foundation and **CSE** – Centre of Sustainability & Excellence ([www.cse-net.org](http://www.cse-net.org)), representative of **myclimate** in Greece.



## How did we calculate the olive oil's carbon emissions?



**GAEA** cooperated with the **Centre for Sustainability & Excellence (CSE)**

([www.cse-net.org](http://www.cse-net.org)) and **myclimate** in order to

calculate the carbon emissions that are produced throughout the life-cycle of olive oil.

This includes: cultivation and transportation of olives, production and bottling of olive oil and final distribution to **GAEA's** retail network.

The emissions from these individual life-cycle phases were added up in order to calculate the total carbon emissions per kg of olive oil.



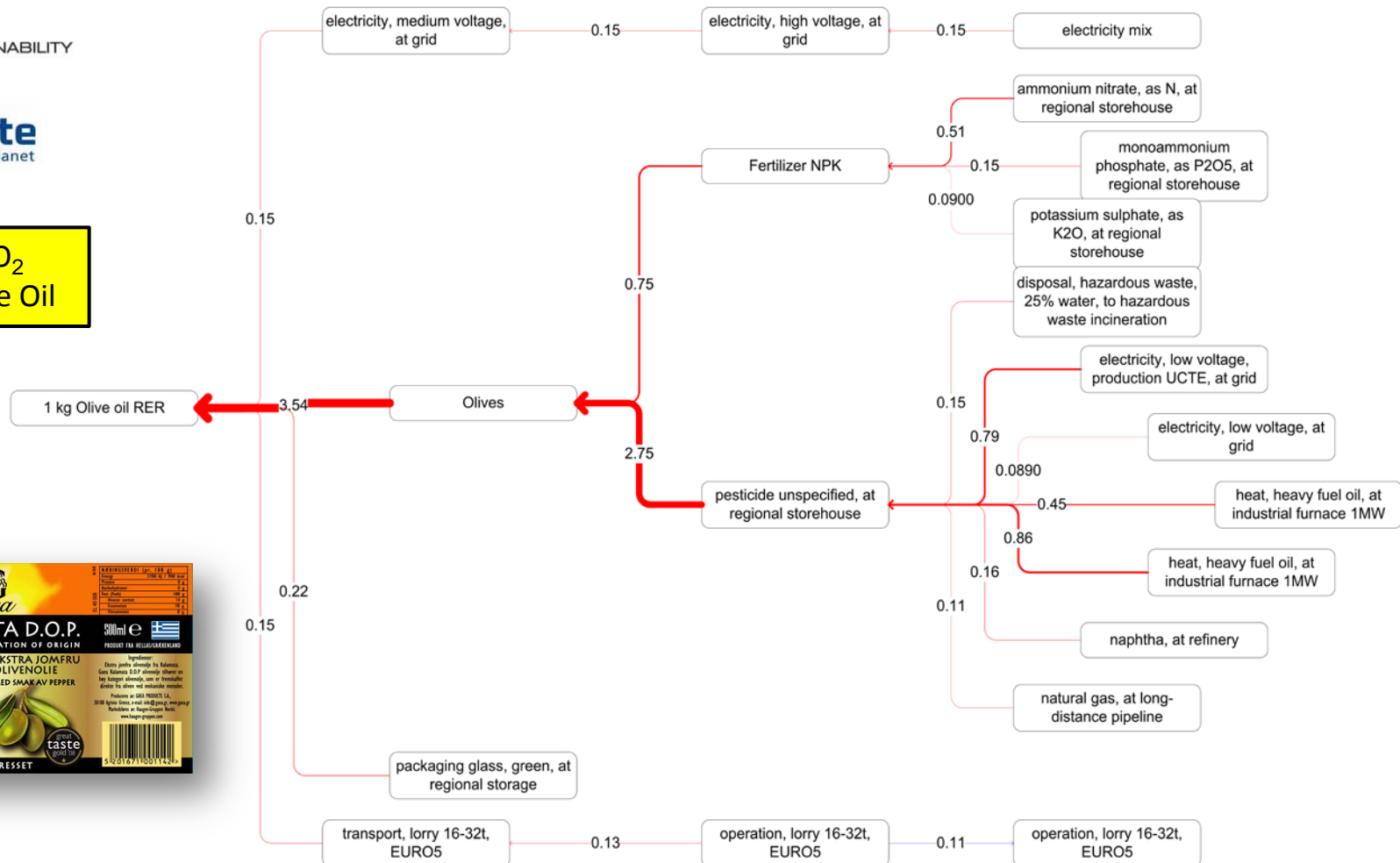
# Calculations - Result



CENTRE for SUSTAINABILITY and EXCELLENCE



**4,07 kg CO<sub>2</sub>**  
per 1 kg Olive Oil



# Certifications





# What is myclimate ?

The **myclimate** foundation ([www.myclimate.org](http://www.myclimate.org)) is a non-profit making organization and international initiative that originated as a spin-off of the Swiss Federal Institute of Technology (ETH) Zurich in 2002. It is based on the concept of voluntary and innovative solutions for climate protection and the promotion of renewable energies and energy efficient technologies.

**myclimate** is one of the leading providers of carbon offsetting measures. Its clients include large firms, small and medium-sized enterprises, public authorities as well as non-profit organizations, event organizers and private individuals.





# What projects does myclimate fund?

**myclimate** funds projects that lead to a direct reduction of greenhouse gases and thus makes tangible climate protection possible. The projects achieve their effect through the substitution of fossil fuels with renewable energies or by means of energy efficiency measures (energy saving measures or the use of efficient technologies).

**myclimate** supports carbon offset projects in developing and emerging countries, in Africa, Latin America and Asia.





# Important myclimate's offsetting projects

## **Letaba Biomass to Energy Project, South Africa**

The aim of this project is the conversion from coal to biomass for steam generation on a citrus farm. It is turning a major employer in the North of South Africa into an ecologically and economically sustainable business. Health hazards due to coal particles are reduced.



## **Solar Ethiopia**

The population in rural Ethiopia has no access to the electricity grid. The project aims to install small solar panels on the roofs of thousands of houses and provide the households with the equipment for using the produced electricity. Thereby, the population can use clean electricity and can avoid the use of kerosene lamps and batteries.

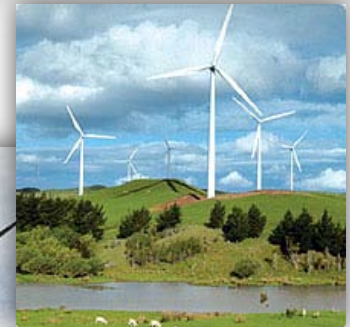




# Important myclimate's offsetting projects

## Te Apiti Wind Farm Project, New Zealand

The Te Apiti wind project is the first grid-connected wind farm of New Zealand. 55 Turbines with a capacity of 1.65 MW each are located in a large farmland. The project produces renewable energy while permitting to maintain the traditional land use in the area.



Apart from contributing to emission reduction, **myclimate** projects furthermore make a positive contribution to sustainable development in the region: new jobs and opportunities for income, improved living conditions and an improved standard of living for the local population and technology transfer. **myclimate** guarantees the quality of its project by registering them with the Gold Standard.



# myclimate & Gold Standard



**myclimate** guarantees the quality of its project by registering them with the Gold Standard.

The Gold Standard ([www.cdmgoldstandard.org](http://www.cdmgoldstandard.org)) is an independently managed label intended to distinguish high-quality carbon off-set projects and the emission reduction certificates issued as a result. The Gold Standard criteria were developed under the control of the WWF and 50 other NGOs and ensures that at least 85% of the money is invested in offsetting projects.



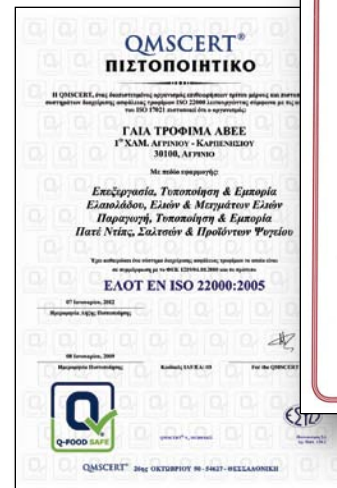


# From ISO 14001....

**GAEA** implements a system of Environmental Management according to **ISO 14001** accreditation, despite the fact that according to the law, as an olive oil producing company, does not belong to the companies that seriously damage and pollute the environment through their production wastage.

The company gives great importance on the wise use of raw materials and other materials as well as the energy spend during all production stages, while it already implements on site compacting and recycling policy

**GAEA** is being also certified by BRC & IFS quality standards.





... to Green rev – oil – ution!



Through the calculation of CO<sub>2</sub> emissions- carbon footprint, Gaea is committed to gradually interfere in all harmful for the environment practices involved in olive oil production - from cultivation to the shelves of the supermarket, in order to reduce CO<sub>2</sub> emissions year per year.