



THE NEW GREEN REVOLUTION!

Elaborazione, introduzione e applicazione di un nuovo protocollo di produzione

CERTIFICATION OF CO2 EMISSIONS (ISO 14064)

The current concentration of greenhouse gases (GHG) in the atmosphere has reached levels never seen in the last 650,000 years. The most important greenhouse gas is carbon dioxide (CO₂), which constitutes about 77% of global GHG emissions. Researches don't agree with the correlation between the increase of CO₂ and global warming, but all of them are sure that emissions are related to energy consumption, especially of fossil fuels.

The use of a calculator for the measurement of CO₂ emissions, allows the company to define the environmental impact of its production process.

The calculator classifies the emissions in three different scopes, in relation to their provenience:

- *Scope 1: CO₂ emissions caused by the consumption within the company of fossil fuels;*
- *Scope 2: indirect emissions of CO₂, caused by the purchase of electric energy;*
- *Scope 3: emissions of CO₂ generated by the production process of purchased goods.*



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However, only few companies have defined the level of CO2 emissions of their own production process.

The calculators' use allowed seven companies, which are members of the Grand Cru Association of Montefalco to obtain the certification UNI ISO 14064.

