

TERRA FUTURA

AGENDA DE INOVAÇÃO | 20
PARA A AGRICULTURA | 30



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OXOREBRAND

Oxidation Reactions: a key towards a new and sustainable wine brandy ageing technology

New technologies, based on wood pieces and micro-oxygenation, are of increasing importance for the industry as sustainable alternatives to the traditional technology.

The main objectives are:

- Understand the mechanisms underlying the wine spirit's ageing;
- Study the role of some mineral elements in these mechanisms;
- Assure the sustainability of the new ageing technology towards its industrial application.

Start: 2018/10/18

Conclusion: 2022/04/17

“Micro-oxygenation has a pivotal role on the chemical composition (phenolic, volatile, mineral) and sensory properties acquired by the wine spirit.”

