

ADVANTAGES




Reduce control expenses by 40%



Increase quality of the wine



Reduce the wasting

	WINEGRID 	Current in barrel sensors	Off-line sensors
Multiparameter	✓	X	✓
Real Time	✓	✓	X
Predictive Analysis	✓	X	X
Alarms	✓	X	X
Open Ecosystem	✓	X	X
Remote monitoring	✓	X	X
Profile detection	✓	X	X

Watgrid, Lda.
Incubadora de Empresas da Univ. de Aveiro
Campus Universitário de Santiago, Edifício 1
3810-193 Aveiro
Portugal

info@watgrid.com
www.watgrid.com



WINEGRID 

POWERED BY WG

REAL TIME
WINE
PRODUCTION
MONITORING

www.watgrid.com

STANDARD CONTROL METHOD

>90%

Offline control by sampling is the most common way to control the vinification process.



Usual controls by sampling are time consuming and expensive for winemakers.



Sampling induce a reacting loop of several hours/days before adjusting the process. This lead to lower quality.



Usual control process is done only on a small part of the production. As a consequence quality is not uniform.



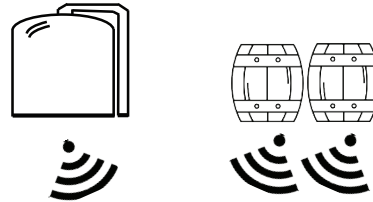
World consumers want a better and more and more standard quality.



The monitoring has to be made on site.

WINEGRID INTEGRATED SYSTEM

Embedded sensor network



Cloud computing



Real time Monitoring
& Data analysis

PARAMETERS MONITORED



Turbidity



Ph



Temperature



Sugar &
Alcohol



Colour



Liquid
Level

KEY FEATURES



Multipoint
control



Open
ecosystem



Alarm
notification



Modular
devices



Wireless
transmission



Real Time
monitoring



Predictive
analysis



Mobile App