

# Sustainability of the wine supply chain

## Eco-innovation of tank cleaning

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The sustainability of production and transformation processes within the wine industry is a priority on the agenda of economic and environmental development policies in the interest of producers and consumers.

**Respect and safety** of workers, environment and biodiversity during production, storage, transport processes, sales and purchase is increasingly becoming an important element in the evaluation and choice of products.

**Definition of indicators** (figures of merits) able to quantify **water** and **carbon footprint** of each single component of the supply chain including the indirect components is increasingly becoming a qualifier for the production ecosystems.

**Smart management** of the wine supply chain, facilities and people involved, both mobile and stationary, can be increasingly equipped with data acquisition and communication systems, whose data streams information could provide information on, for example, traceability, delivery. Hence verification of performance and overall product quality can be automatically assessed.

**Cleaning systems** of storage and aging tanks, such as the one developed by the company Gamba srl, play a major role in the **complex ecosystem** of the enology supply chain.

The cleaning systems are high-level candidates to meet the sustainability needs and offer practitioners and consumers a practical way to easily and safely obtain information on the quality and treatment of products. The cleaning system allows the recovery and analysis of the residue of storage systems at emptying. Therefore, by integrating the data acquisition system in the supply chain, these systems represent a safe and economical method of product tracking.

Accesso  
Per accedere al servizio utilizzare il seguente indirizzo:  
<https://login.lasemplice.it/>

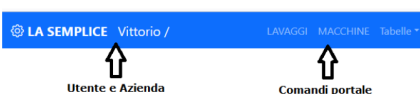
Inserire nella pagina iniziale i codici ricevuti all'attivazione dell'abbonamento:  
1. Codice Azienda  
2. Utente  
3. Password Iniziale

Prima dell'inserimento dei dati di accesso è possibile selezionare la lingua con cui visualizzare il portale.

**Interfaccia**  
L'interfaccia è formata da un nastro nella parte alta per la selezione dei comandi mentre nella restante parte vengono visualizzati i dati richiamati.

# Data	Ora	Macchina	Operatore	Cilindrata	Capacità	Programma	Descrizione			
31	26/05/2024	102388	240134	Operazione 04	3042	CIMENTO CON BODNA	021	2000	15	Normalizzazione con residuo
30	26/05/2024	104388	240134	Operazione 04	3042	CIMENTO CON BODNA	021	2000	15	Servizio concreto
48	26/05/2024	105488	240134	Operazione 04	3048	CIMENTO CON BODNA	021	2800	15	Normalizzazione con residuo
47	26/05/2024	101388	240134	Operazione 04	3048	CIMENTO CON BODNA	021	2800	15	Servizio concreto
42	26/05/2024	105488	240134	Operazione 04	3048	CIMENTO CON BODNA	021	2800	15	Normalizzazione con residuo
41	26/05/2024	101388	240134	Operazione 04	3048	CIMENTO CON BODNA	021	2800	15	Servizio concreto
40	24/05/2024	101388	240134	Operazione 04	3048	CIMENTO CON BODNA	021	2800	15	Servizio concreto
44	24/05/2024	102388	240134	Operazione 04	3042	CIMENTO CON BODNA	021	2000	15	Normalizzazione con residuo
43	24/05/2024	104388	240134	Operazione 04	3042	CIMENTO CON BODNA	021	2000	15	Servizio concreto
42	24/05/2024	101388	240134	Operazione 04	3006					Servizio concreto

Visto da 1 a 10 di 31 elementi



## References

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