



## Sustainable plastic packaging for wine and Champagne industry

Aliplast, a Hera group company specialized in sustainable plastic packaging recovery and recycling, helps the Champagne and Bordeaux markets in France, serving wine companies in those regions. This sector aims to be increasingly sustainable, a goal towards which Aliplast helps significantly.

*The Italian company is actually a leader in this field, offering high quality products, in line with the premium segment in which they are used.*

### Champagne: a rich market with room for improvement in the recovery process for sustainable plastic packaging



*The materials are part of "closed loop" processes, in which waste materials are recovered, cleaned, processed again. (photo: Aliplast)*

Champagne's market share in the world of sparkling wines is 9% in volume and a whopping 33% in value, according to Comité de Champagne. In 2020, the turnover was 4.2 billion Euros. It's a niche but rich market that can offer opportunities for business development and process improvement towards a more sustainable model for the sustainable plastic packaging. This is where Aliplast comes in: the company has almost **forty years of experience in the plastic recovery industry** and offers a specific service portfolio, both to the Champagne and Bordeaux companies.

Specifically, the Italian company provides and recovers two types of materials: polyethylene films used for the exterior packaging of bottles and polystyrene interlayers used to protect those same bottles during transportation. Both materials are part of "closed loop" processes, in which waste materials are recovered, cleaned, processed again and then reintroduced in the same supply chain, therefore increasing its sustainability.

### Two types of plastics, same efficiencies



*Aliplast has almost forty years of experience in the plastic recovery industry. (photo: Aliplast)*

French companies in the wine industry use two types of material:

- heat-shrink plastics, used to package new bottles;
- interlayers, used to hold together pallets.

The material is recovered once the packaging is removed from the bottles; it is then washed, melted, and processed to produce a film (and a small quantity of granules) in the Aliplast plant located in Ospedaletto di Istrana, Treviso. This **end-to-end closed-loop process** recovers several hundreds of tons of material, which makes Aliplast one of the biggest collecting and recycling company on the French market for this type of film.

### Higher volumes and lower weights for polystyrene interlayers for sustainable plastic packaging



*The polystyrene interlayers is used to protect those same bottles during transportation. (photo: Aliplast)*

Link: <https://www.industrialmeeting.club/sustainable-plastic-packaging-for-wine-and-champagne-industry/>

The same principle applies to the interlayers that serve as partition between bottles, placed between the bottom of the crate and the bottles. The material used here is lacquered polystyrene, which has a high volume with a relatively low weight, and this requires special care during the recovering and processing stages.

*For this reason, once the waste has been recovered from the crates, the process is carried out in the French Aliplast plant, where the material is ground, washed and manufactured to become a secondary raw material, which is then reintroduced in the supply chain. This whole operation has led to the recovery, in 2021, between films and interlayers, of approximately 300 tons of plastic material.*

#### Technology and expertise for a diverse range of markets



*Aliplast is one of the biggest collecting and recycling company on the French market for this type of film used in this application. (photo: Aliplast)*

This is a positive example of the application of technologies to plastic recycling in a luxury market. However, Aliplast doesn't just boast a long experience in Champagne; for decades, the Italian company has also been working with the main Italian beer and wine producers, serving, among the others, businesses making Lambrusco and Prosecco.

*The offer for the wine industry demonstrates the versatility and diverse nature of the company's services, with end-to-end applications in the beverage industry. Besides recovering packaging films, Aliplast also has a specific expertise in the plastic bottle segment.*

#### ALIPLAST: Facts and Figures

Established in 1982 and headquartered in Ospedaletto di Istrana (Trevise), in little more than three decades Aliplast has carved out for itself a role as leader in the production of flexible PE films, PET sheets and regenerated polymers. From a plastic waste collection company, it has been able to progressively widen its offer thanks to careful and forward-looking management, paired with constant investments in research and development and in the use of state-of-the-art technology.

*The collection activity has been integrated first with the regeneration and then with the production of goods and packaging with recycled plastics; that was followed by the approval by the PARI system (Plan for the autonomous management of packaging waste), which allows it to treat its waste and that generated by its associates on its own, instead of having to rely on the national system, since it is able to guarantee an effective collection and recycling. Since 2017, Aliplast is part of Herambiente, the first national waste treatment company. Herambiente is a Gruppo Hera company, among the leading Italian multiutility companies. Today, Aliplast can count different production sites in Italy and others in France and Spain.*