

## Innovative and sustainable logistics



#Eco-mobility #SustainableDistri

### Objective

To define a sustainable freight transport system in which all players involved operate responsibly in order to minimise the environmental impact generated.

### Description

Actions undertaken by Campari Group at logistical level have been focused on defining a sustainable freight transport system in which all the players involved operate responsibly to create a significant environmental impact.

The two main actions that Campari undertakes in its logistics network are the use of intermodal transport and sustainable pallet management.

- **Intermodal Transport:** The use of intermodality represents a significant opportunity to lower the environmental impact of freight transport due to the use of multiple integrated modes of transport.
- **Transport of Pallets:** In order to sustainably manage pallets PAKI recovers pallets from unloading points and transfers them to its own storage facilities or to one belonging to a customer that is closer. At the same time, PAKI delivers the same type of pallets from its closest storage facilities to Campari's loading points. This procedure enables Campari to significantly reduce the number of deliveries made within Europe, and hence have a positive environmental impact.

Campari began collaborating, in Germany, Austria and Belgium with PAKI in 2016. In 2017, Campari extended its collaboration with PAKI to include the Netherlands, Switzerland and Italy (central and southern regions). In 2018, it was extended to include Greece. Campari wants to continue to evaluate potential solutions for other markets that will continue to

reduce the impact of pallet movements from a logistical and therefore environmental point of view.

In addition to the above, Campari employs Eco-mobility by partnering with the operator, Berger, whose fleet of Euro VI vehicles, built using lightweight steel, has helped to reduce the number of lorries used to transport pallets. In 2018, through partnership with transporter Di Martino, Campari upgraded its transportation on the Novi-Ligure-Massalengo stretch (Italy) by equipping itself with vehicles powered by LNG (liquefied natural gas). LNG obtained via a series of cooling and condensation processes, is liquefied with a reduction in volume of 400 times its original state, enabling a greater quantity of energy to be stored. This provides a huge potential in environmental terms.

## Partners

PAKi LOGISTICS (a leading European company in the supply, management and exchange of Epal pallets and other standard unit loads).

## Results

In 2018, Campari was awarded the title of 'Logistics company of the year 2018', recognition by Assologistica conferred on companies which stand out for their innovation activities in the logistics sector.

**PAKI method for pallets:** In 2018, the number of pallets managed using the 'PAKI method' nearly doubled compared to the previous year, rising from 85,025 to 160,126 pallets transported. More than 76% of returning empty pallets were managed via PAKI.

**Intermodal transport:** 2018, intermodal transfers accounted for 56% of transfers from Italy to the rest of Europe (vs 54% in 2017). Best practice in this area was noted in Latvia, where intermodal transfers rose to 36% (from 1% in 2017). Also, over 12% of the 4,085 goods transfers in Italy were made by intermodal transport.

**Eco-mobility:** Overall, LNG accounts for 2.4% of the total 4,085 journeys. Consequently, the transfers carried out by DCM using the various transport means that have a low environmental impact (LNG and inter-modal transport) account for 14.5% of total transfers in Italy (+4% compared with 2017).

## Measurement & evaluation

During 2018, Campari conducted a study to quantify the benefits obtained by adopting the alternative methods of transport and by managing and transferring pallets with the assistance of PAKi Logistics. With the support of the Ecologico2 platform, Campari calculated the reduction in CO2 emissions per pallet transported in 2017 compared with 2015. The study showed that the reduction in CO2 per pallet was considerable, amounting to over -37%. Of this effect, 12% relates to the use of the 'pooling system' with the remaining 25% due to the introduction of intermodal transport. Since the sampling points of the PAKi Logistics network are very near the goods loading/unloading bays, even if the pallets are always transported in

full loads and produce greater consumption per kilometre compared with that derived from the transport method adopted in 2015, the number of kilometres to be travelled is considerably reduced. In addition, the change to intermodal transport has led to a reduction of over 50% in CO2 per ton/km, and in the generation of fine dust by over 90%, mainly due to the use of electrically-powered rail transport, even if the distance in kilometres travelled is greater than the more direct standard transport by road.

Website

[https://www.camparigroup.com/sites/default/files/20190415\\_sustainability\\_report\\_campari\\_2018.pdf](https://www.camparigroup.com/sites/default/files/20190415_sustainability_report_campari_2018.pdf)

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