Metal Packaging Europe

SUSTAINABLE DEVELOPMENT GOALS

We support the Sustainable Development Goals

Improving resource efficiency has numerous benefits both for industry and society. It not only reduces our dependence on the world's limited resources, but it also helps to reduce waste and ensure that we can achieve more with less. In the metal packaging industry, increased resource efficiency is achieved through a combination of innovative product development, inventive policy ideas and new technologies.

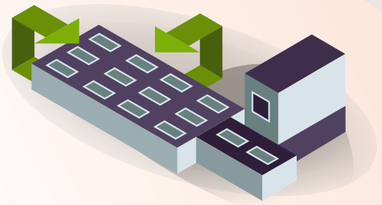
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Some noteworthy examples supporting this sustainable development goal

Share your initiatives with us!
info@metalpackagingeurope.org

Use of heat generated during the can-manufacturing process **to heat** the entire **building** since 2019.

The heat is also transformed into **cool water**, which is used to cool production machines and the administration building as needed.



Read more at:
www.baelz.de

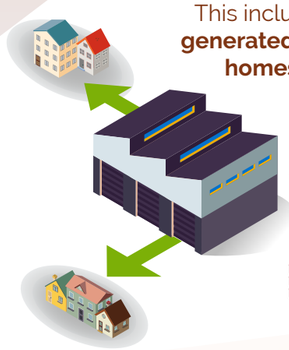
Seit BL 1872

Securing **CO2 savings** of around

10%

across European plants by optimising enegy use between 2015 and 2020.

This included providing **surplus energy generated** in can production **to heat the homes** of around 1000 people in the local community of Odense.



Read more at:
www.envases.mx/en/packaging-solutions/pet-packaging/sustainability

ENVASES

LED lighting covers

75%

of shop floors, with the objective to reach **100% by the end of 2024**. This transition will reduce electricity demand for lighting by 90%. 100% of UK plants are already supplied with renewable electricity.

Read more at:
www.eviosys.com/sustainability

EVIOSYS

A heat exchanger installed in 2022 captures clean, hot air from the Regenerative Thermal Oxidiser (RTO) in the French Moëlan-sur-Mer plant and reuses it for lacquering processes. **The project has achieved an estimated energy reduction of 500 MWhper year**

A new plant in Heerenveen, designed with sustainability as a priority, became operational in 2022. The plant uses geothermal heating, sensor lighting and green electricity. Excess warmth during the summer period is stored deep underground and can later be transferred to the plant in the winter.

Read more at:
www.triviumpackaging.com/sustainability

TRIVIUM PACKAGING

Kettering greenfield plant became the largest aluminium beverage can plant in the United Kingdom when it opened in February 2023. It also became **a model for future greenfield plants.**

The plant includes heat capture from RTO systems for offices on site, a solar water heating system for the domestic water supply, a rainwater recovery system that feeds into toilet facilities, automatic on/off on all plant LED lighting and 20 electric car chargers for employees.

Read more at:
www.ball.com/sustainability/sustainability-strategy

Ball

Reduction in weight of 33cl cans by

7%

across the majority of production facilities.

This innovation has now been extended to 44cl and 50cl cans, with the **potential to save 3.3 million hectolitres of water and cut CO2 emissions by 28,000 tonnes.**

Read more at:
www.ardaghgroup.com/corporate/sustainability

ArdaghGroup

Targeting the use of

75%

renewable energy by 2030.

Read more at:
www.ardaghgroup.com/corporate/sustainability

ArdaghGroup

Source

75%

renewable electricity by 2030 and

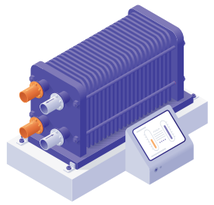
100%

by 2040.

Read more at:
www.crowncork.com/sustainability/twentyby30-goals/resource-efficiency

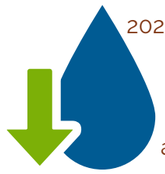
CROWN Brand-Building Packaging™

Heat exchanger installed in the aluminium can plant in Hämeenlinna, Finland, has **reduced the amount of energy** needed to **heat the building** by **about 30%**.



Read more at:
https://www.canpack.com

CANPACK



2025 targets to reduce electricity consumption by **7%**

and thermal energy consumption by **6%**

Read more at:
https://www.canpack.com

CANPACK