

ENVIRONMENTAL RECOGNITION

Company

Česká zemědělská univerzita v Praze

In 2025, returned for recycling

148 kg of portable batteries

And thus contributed to reducing the amount of hazardous waste and achieving the following environmental savings:



11 046 kWh
Electricity



89 kg
Primary Raw
Materials



241 m³
Water



119 l
Oil



1 220 kg
CO₂

Together, we prevented the creation of 5 832 kg of waste.



We care about the environment

We use batteries every day – in remote controls, watches, toys, wireless tools, mobile phones, and laptops. These small power sources make our lives easier, but once they reach the end of their useful life, they become hazardous waste. Used batteries contain substances that can seriously harm the environment and human health if not disposed of properly. The solution is to sort, collect, and recycle them.

How did we contribute to protecting the environment and conserving natural resources in 2025?

The answer is provided by the environmental recognition we received from REMA Battery. s.r.o. Last year, we sent **148 kg of batteries** for recycling, thereby contributing to a reduction in the amount of hazardous waste that would otherwise end up in landfills or incinerators.

By recycling waste batteries, we also achieved the following environmental savings:

11 046 kWh of ELECTRICITY

Recycling metals from batteries, such as nickel, zinc, lithium, or cobalt, results in significant energy savings compared to their primary extraction. For example, recycling a single lithium-ion battery from a laptop can save up to 1.5 kWh of electricity.

89 kg of PRIMARY RAW MATERIALS

The mining and processing of ores for metal production has a negative impact on the environment. Recycling a single 20 kg lead-acid car battery saves up to 15 kg of primary raw materials.

241 m³ of WATER

The production and mining of metals consumes a significant amount of water. Battery recycling reduces this burden. For example, processing 100 kg of lithium-ion batteries saves up to 2 m³ of water.

119 l of OIL

Oil is consumed not only during mining, but also during the transport of raw materials. Battery recycling also leads to savings in this area.

1 220 kg of CO₂

Battery recycling significantly reduces greenhouse gas emissions – for example, recycling a single car battery saves more than 30 kg of CO₂.

5 832 kg of WASTE

By obtaining secondary raw materials from batteries, we have prevented the creation of new waste that would otherwise be generated during the extraction and processing of primary raw materials.

Thank you for joining us in protecting the environment. Every battery you return for recycling makes a difference.

The Environmental recognition was prepared by the collective system REMA Battery, s.r.o., in cooperation with C13, s.r.o.

The stated values represent a model calculation of the environmental benefits achieved through the take-back and recycling of waste batteries facilitated by REMA Battery, s.r.o. during the reporting period. The results relate exclusively to this specific activity and do not include other activities of the recipient or the full life cycle of its products and services, and they do not represent an assessment of overall environmental performance or carbon footprint.

The calculation is based on the quantity of waste batteries collected, their treatment data and material recovery and conversion factors derived from relevant methodological sources and life cycle assessment (LCA) approaches. It does not represent direct measurement of impacts but an expert estimate based on available data and methodological assumptions.

The calculation methodology is available upon request from REMA Battery, s.r.o.

This recognition does not constitute certification of environmental performance and is not intended for comparison with other entities.