

**Swiss Post –
exemplary in
sustainability
for the climate**



SWISS POST 

Foreword



Dear Reader

The issue of climate change is probably the greatest challenge of our time. As a large logistics company, Swiss Post has traditionally operated in a very energy-intensive business area. It wants to be a pioneer and role model in terms of climate protection and is committed to reducing its CO₂ emissions to zero as quickly as possible.

To achieve this, Swiss Post set itself stricter climate protection targets in 2022: to be carbon neutral in its in-house operations by 2030 and along the entire value chain by 2040.

While that may sound good on first hearing, it is on its own no more than an announcement. In this publication, we lay out specific examples of where Swiss Post is already making substantial contributions to ensuring that its services for Switzerland gradually become more environmentally sound.

It should make for stimulating reading!

Alexander Fleischer
Head of Communication

For a sustainable future – we're acting now for tomorrow

A future for the next generation is one of Swiss Post's key concerns. Swiss Post acts responsibly for people, the environment and the economy. As a large logistics company, Swiss Post has particularly strong leverage in terms of reducing CO₂ emissions and energy consumption. And as a company owned by the Swiss Confederation, it also has a particular role in leading by example – a responsibility that it lives up to.

Swiss Post's goals:



How we plan to achieve our goals:



Achieve carbon-neutral logistics

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Facilitate carbon-neutral mobility

→ Page 8



Build and manage environmentally-friendly buildings

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Use renewable energy sources

→ Page 12



Neutralize residual emissions

→ Page 14

“We plan to achieve our net zero target by 2040”

In this interview, two Members of Executive Management, Head of Mobility Services Christian Plüss and Head of Logistics Services Johannes Cramer, talk about Swiss Post’s climate and energy targets.

You are ambassadors for corporate responsibility. How important is this issue for Swiss Post?

Christian Plüss: For Swiss Post, social, economic and ecological sustainability is a major concern, which is why corporate responsibility is an integral part of the “Swiss Post of tomorrow” strategy.

In 2022, Swiss Post tightened its climate and energy targets. Why?

Johannes Cramer: Swiss Post wants to be more consistent in its efforts to counteract climate change. That is why we have decided to accelerate our climate and

energy targets and to be carbon neutral in our in-house operations as early as 2030. By 2040, we want to achieve our net zero target, making us carbon neutral across the entire value chain.

How does Swiss Post intend to achieve these targets?

Christian Plüss: We see the greatest potential in the electrification of vehicles, energy-efficiency refurbishment of our buildings and the use of electricity from 100 percent renewable energy sources in Switzerland. We want to avoid and reduce CO₂ emissions. We will also neutralize any unavoidable residual emissions.



Any organization that doesn't strive to achieve complete sustainability today cannot remain competitive in the long run.

————— **Johannes Cramer**
Head of Logistics Services



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Christian Plüss
Head of Mobility Services

Will sorting and delivery of letters and parcels be completely carbon neutral in the future?

Johannes Cramer: That is precisely the goal. It's not only Swiss Post that wants climate-friendly logistics – our customers do, too. Any organization that doesn't strive to achieve complete sustainability today cannot remain competitive in the long run. So we are investing in our infrastructure, new processing centers, new sorting facilities and electric vehicles. These measures enable us to move step by step towards climate neutrality in logistics. Swiss Post has been using carbon offsetting for domestic letter and parcel deliveries for many years now. From 2025, letter and parcel deliveries in the cities of Zurich, Bern, Basel and Geneva will be carbon neutral.

Can Swiss Post achieve its climate and energy targets with these measures?

Johannes Cramer: The targets are indeed ambitious, but we're confident that we will meet them. We will be able to avoid 90 percent of our CO₂ emissions by 2040. The remaining CO₂ will have to be neutralized – in other words, removed from the atmosphere. One possibility is to store it in biomass, such as through sustainable forest management and use of wood. We are also looking into technical options and developing suitable measures. To help achieve this, we have founded a subsidiary dedicated to the topic of neutralization.

What is the situation with regard to Postbuses?

Christian Plüss: We are converting more and more PostBus routes to electromobility. By the end of 2024, we want to have 100 electrified Postbuses in service. The aim is for the entire fleet of 2,400 vehicles to be fossil-free by 2040.



Fully electric and resource-efficient

Yellow goes green: Swiss Post's consignment deliveries are carbon neutral

Swiss Post uses resource-efficient and climate-friendly vehicles in logistics. All items transported by Swiss Post are fully carbon offset.

Swiss Post uses around 6,000 three-wheelers with cobalt-free lithium-ion batteries for its deliveries. They run on 100 percent Swiss eco-electricity. At the end of their service life, the batteries are recycled. 419 of Swiss Post's 4,500 delivery vans are already powered by electric drives. Thanks to its electric vehicles, Swiss Post avoids around 8,500 tonnes of CO₂ emissions per year.

Around 380 of a total of 450 delivery points are already partially equipped with electric charging stations and electric four-wheel vehicles, with 74 more fully equipped. By optimizing delivery rounds, Swiss Post avoids empty runs. With additional delivery and collection services for PET bottles and vegetables, delivery round capacities are better utilized. And thanks to the training in



If we cannot be carbon neutral in our logistics, we cannot be competitive.

Johannes Cramer
Head of Logistics Services



eco-driving techniques they receive, drivers are particularly resource-efficient on the road.

Where possible by rail, where necessary by road

For transportation between the large parcel and letter centers, rail is used. In road transport, Swiss Post is stepping up its use of alternative drive systems for trucks. Two trucks with hydrogen and electric drive systems are already in use. Swiss Post continually optimizes routes and vehicle utilization to reduce the number of journeys.

“pro clima” shipping

All letters and parcels transported by Swiss Post are fully carbon offset with the “pro clima” label. The carbon offsetting is undertaken by supporting climate protection projects of the highest quality in Switzerland and abroad.

Facts and figures

More than

7,000

electric vehicles are in service at Swiss Post. This is Switzerland’s **largest electric fleet**.

340,000

households in the cities of Zurich and Bern are served by Swiss Post exclusively with **electric vehicles**.

30 million

parcel deliveries in Switzerland were **carbon neutral** in 2022.

10,500

delivery vehicles powered by **environmentally-friendly drives** will be on the roads for Swiss Post by 2030.

Emission-free drives

Carbon-neutral Postbuses serve even the remotest valleys

The switch to emission-free drive systems is and will continue to be a key issue for PostBus and for Swiss Post's fleet manager Post Company Cars.

Since the end of 2022, eight electric Postbuses have been in daily service. In the Sempach region, for example, there are three on the roads. They save 115,000 litres of diesel per year, avoiding emissions of more than 300 tonnes of CO₂. PostBus will not be slowed down by longer delivery times for vehicles and charging infrastructure or by financing issues: by the end of 2024, it aims to have 100 Postbuses with alternative drive systems providing scheduled services.

In 2022, Post Company Cars fully electrified the Swiss Post delivery fleet in the greater Zurich and Bern areas, despite

major bottlenecks in supply chains. Through its e-mobility fleet check, Swiss Post's fleet manager looks into which electric vehicles can be considered for the existing fleet and the need for charging infrastructure. In 2022, the fleet check was also carried out for Swiss Post's employee and management vehicles. As a full-service fleet manager, Post Company Cars also offers services to third-party customers. With its "e-charging solution", for instance, Post Company Cars supports its customers in their switch to e-mobility. Post Company Cars operates the charging stations and ensures that all charging usage is billed correctly.





If we want to make passenger transport carbon neutral, we have to invest in new vehicles.

Christian Plüss
Head of Mobility Services

route:E initiative

route:E is an initiative that is giving electromobility at Swiss Post the impetus it needs, bringing together all staff within the Group involved in electromobility in one team. Logistics Services and PostBus benefit most from this exchange of expertise. As part of the initiative, there is also discussion of new technologies that could in future replace or supplement the current focus on battery and hydrogen drive systems.

Facts and figures

8

electric Postbuses and 52 hybrid buses are used to provide scheduled services.

Around

240

electric delivery vans were procured by Post Company Cars for the electrification of the delivery fleet in Zurich and Bern.

100

Postbuses with alternative drive systems is Swiss Post's goal for 2024.



Environmentally-
friendly buildings

The logistics centers are equipped with **energy-saving LED lighting**.

Because their **outside lighting is operated with smart controls**, the logistics centers save on energy and help reduce light pollution.

casa verde

Brick by brick towards carbon-neutral buildings

Swiss Post builds and manages environmentally-friendly buildings. By carrying out energy-efficiency refurbishments and replacing fossil-fuel heating systems, Swiss Post is reducing its CO₂ emissions.



Support of Swiss Post units



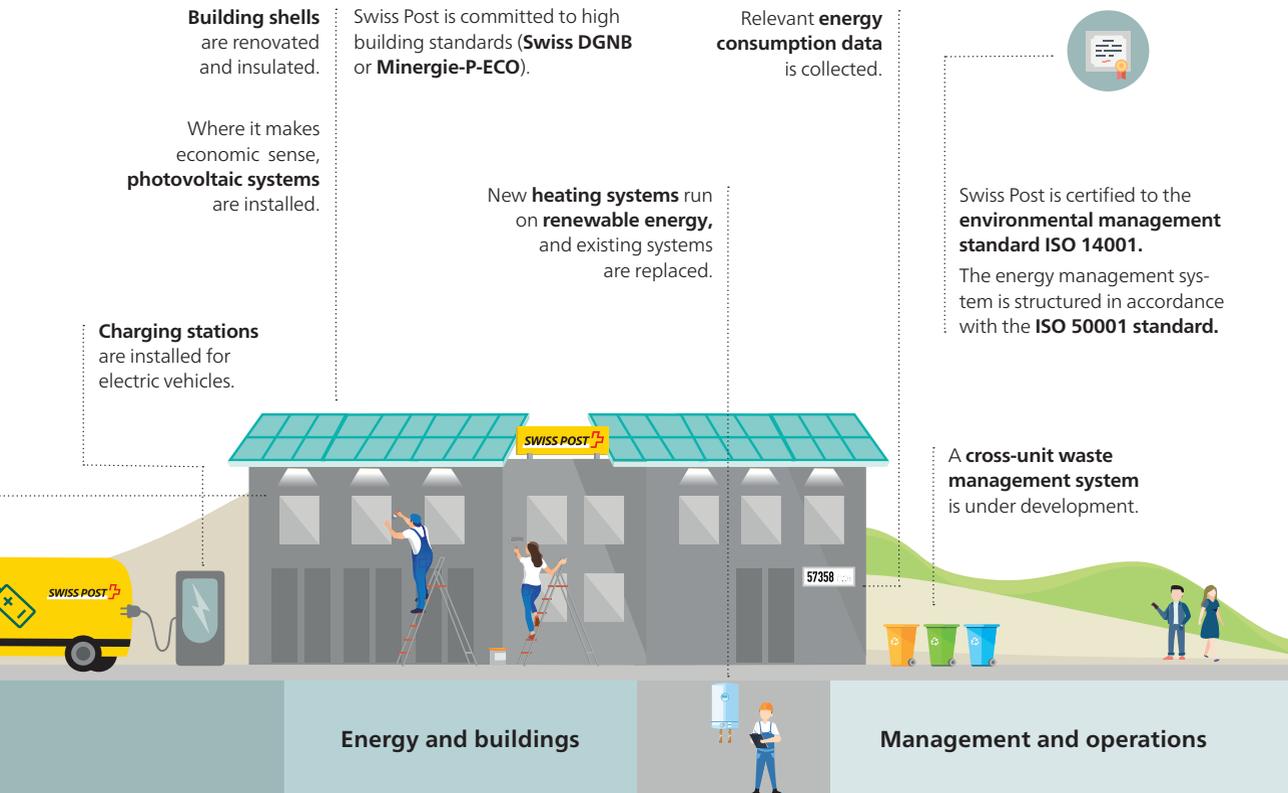
After our vehicles, our buildings have the greatest potential for CO₂ reduction.

— **Nadia von Veltheim**
Head of Post Real Estate
Management and Services Ltd

Whether it's Swiss Post branches, logistics centers or office premises – Swiss Post owns and manages more than 600 buildings in sole and condominium ownership throughout Switzerland. As part of its "casa verde" (green house) initiative launched in 2021, Swiss Post is surveying these buildings to determine their renovation potential. To ensure that the refurbishment measures undertaken are structured, cost-effective and holistic, Swiss Post draws up a comprehensive energy renovation concept for each building.

From shell through to heating

The measures concern the building as a whole, including renovation and insulation of the building shell, fossil-free heating replacement and installation of charging stations for electric vehicles. Swiss Post uses systems and equipment with the best efficiency ratings and modernizes or improves existing systems such as heating, ventilation and air conditioning. Where it makes economic sense, photovoltaic systems are installed.



Carbon-neutral Biasca location

In 2022, as part of the “casa verde” initiative, Swiss Post undertook a comprehensive renovation of the Biasca location: the building shell is insulated to save energy, there are charging stations for e-vehicles, heating is now fossil-free with district heating and there is a photovoltaic system installed on the roof. These measures mean that one third of electricity demand can be covered with solar energy, so that Biasca can be considered a carbon-neutral location.



Swiss Post already heats almost 60 percent of its own properties with renewable energy. By 2030, we want to reach at least 80 percent.

Nadia von Veltheim
Head of Post Real Estate
Management and Services Ltd



In-house electricity production

Green electricity for Swiss Post

Swiss Post harnesses the power of the sun, wind and water as part of its focus on 100 percent electricity from renewable Swiss energy sources. It produces some of this electricity on its own roofs.

Swiss Post currently operates 31 photovoltaic systems on the roofs of its major locations and regional parcel centers. With panels covering an area of around 68,000 square metres, these systems produce 10.9 gigawatt hours of solar electricity over the course of one year. That equates to around seven percent of Swiss Post's power consumption. Some of the energy generated is used directly in the building – with the surplus fed into the public grid. On the

roofs of its regional parcel centers alone, Swiss Post produces 5.4 gigawatt hours of electricity per year. A third of the energy produced is used by the centers themselves.

"naturemade star" certification

Since 2008, Swiss Post has used only electricity from renewable sources. Some of this is "naturemade star"-certified green power: all electric vehicles run exclusively on "naturemade star"-certified



The roof of the Zurich-Mülligen letter center is home to a bee colony. The unused areas around processing centers have been turned into green spaces and provide valuable habitats for plant and insect life.



We will significantly expand our own electricity production in the coming years.

Alexandra Hofmann
Head of Corporate Development

green power and all Swiss Post access points are powered by it. "naturemade star"-certified eco-electricity is generated entirely from renewable energy sources: water, sun, biomass and wind. This eco-electricity is a guarantee of compliance with additional ecological requirements, which is important because the increasing use of renewable energy sources has an impact on biodiversity.

Facts and figures

31
photovoltaic systems are operated by Swiss Post.

67,992 m²
is the panel surface area.

10.9 GWh
of solar electricity is produced by the solar power systems per year.

100%
electricity from renewable sources.

22%
of energy requirements are covered by renewable primary energy sources (wood, biodiesel, biogas).

Removing carbon dioxide from the atmosphere

Neutralizing unavoidable CO₂ emissions

Swiss Post wants to reduce at least 90 percent of its CO₂ emissions with its own measures. Any remaining CO₂ emissions that cannot be avoided will be removed from the atmosphere.



Facts and figures

2.5 million t
of CO₂ are stored in Swiss forests annually.

1 t
of CO₂ in its gaseous state is equivalent to the volume of a swimming pool (25×10×2 metres).

As Switzerland's largest logistics provider, Swiss Post is responsible for a total of around one percent of CO₂ emissions in Switzerland. In its own operations alone, it produced around 200,000 tonnes of CO₂ emissions in 2022. This means that Swiss Post still has a considerable carbon footprint. However, it has been working successfully for many years to reduce it – and continues to do so: by 2040, all greenhouse gas emissions that Swiss Post cannot prevent will be removed from the atmosphere using targeted neutralization measures.

There are both natural and technological methods available to remove CO₂ from the air. One is to store CO₂ in bio-

mass, such as through sustainable forest management, which makes use of trees to ensure that growth and harvest are at least in equilibrium. The biomass produced in this way stores CO₂ for a long time in the form of timber. Another possibility is to store CO₂ in the soil – for example, by introducing vegetable carbon, which stays in the soil.

Startups are working to develop new methods, such as filtering CO₂ from the air mechanically so that it can be reused as a raw material. At present, not all CO₂ neutralization methods are technically advanced enough to be used effectively. However, the pace of development is rapid.



Despite our best efforts, we will still be producing CO₂ emissions in 2040. However, we will remove these emissions from the atmosphere.

Philip Mäder
Managing Director,
Post CDR Ltd

Evaluating neutralization methods

Swiss Post is looking at the various neutralization methods available and developing its own measures for CO₂ neutralization from 2030. The focus at present is on optimizing CO₂ storage through forest management and the use of wood as a building material, as well as on using vegetable carbon to store CO₂ in the soil.

Post CDR Ltd

Carbon dioxide removal – CDR

In 2022, Swiss Post founded a subsidiary: Post CDR Ltd. CDR stands for carbon dioxide removal, which explains the company's business purpose in a nutshell. Post CDR Ltd has been tasked with looking at the various methods available for CO₂ neutralization and for neutralizing Swiss Post's unavoidable CO₂ emissions with suitable measures in the long term. Post CDR Ltd is advised by a committee of external experts, which supports Swiss Post with expertise on CO₂ neutralization and helps it to remove unavoidable CO₂ emissions from the atmosphere to the greatest extent possible.

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