

## Givaudan: Enterprising Leader category entry

### Bold ambitions and a track record of progress

In 2015 we set our RE100 ambition to attain 100% renewable electricity by 2025. We're proud of this commitment, which is fully aligned to our journey to become climate positive (including Scope 3) before 2050. It means we need to tackle greenhouse gas emissions in multiple ways and in every area of our business. One part of this is about moving away from fossil fuels and towards renewable electricity sources such as solar, wind, hydro and geothermal energy and renewable energy sources such as biomass. Replacing our fossil-based energy with renewable fuels like biofuels is also part of our strategy to reduce emissions, particularly those related to the production of heat.

### Our actions to reach our ambitions

#### Our supply chain (scope 3)

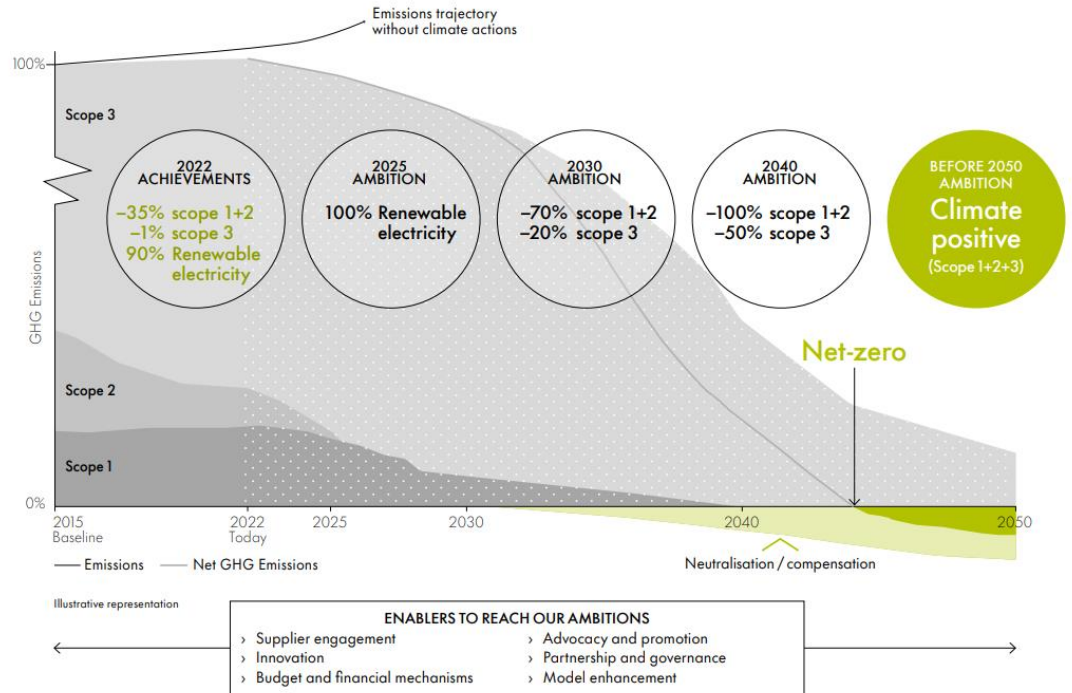
- › Sustainable procurement of ingredients
- › Low-carbon creations
- › Driving circularity and upcycling
- › Optimising packaging, logistics and transport of goods
- › Optimising business travel and employee commuting

#### Our operation (scope 1+2)

- › Energy efficiency
- › Renewable energy sources

#### Neutralisation / compensation

- › Natural Climate Solutions (NCS)
- › Carbon capture technology



Thanks to the efforts of our teams worldwide, we're making great progress. By the end of our reporting year in 2022, we had attained 90% renewable electricity supply and 56 production sites were powered 100% by electricity from renewable sources. We also reduced the GHG emission load per purchased kWh of electricity by 43% for 2022 vs. 2021.

### A partnership at the heart of our success

Being a member of RE100 is vital to our success and is a key part of our strategy to fully convert our electricity supply.

*"As a business with sustainability at its heart, we understand the power of innovation, inspiration and collaboration. We know that working together is a vital part of achieving our ambitious goals and we understand the power of the insights we can share and receive through collaborations like RE100 which directly fuels our journey." Willem Mutsaerts, Head of Global Procurement and Sustainability for Givaudan.*

### Rising to challenges at home and away

At our Vernier site in Switzerland we reached 100% renewable electricity in 2007, and generate our own energy on-site through a 1'428 m2 solar installation with a capacity of 187KWh which now powers one of our on-site warehouses.



Our innovative Business Centre at Kempththal Zurich was awarded a LEED gold certification from the U.S. Green Building Council, in recognition of its variety of innovative energy saving technologies including geothermal probes, solar panels on the roof which help to save 10% of annual energy costs, and heat pump technology which helps minimise CO2 emissions, cutting annual energy costs by 50% (compared to a reference building)



In Johannesburg, South Africa, we installed 778 solar panels on the roofs of our buildings, generating the potential for 490,000 kWh units of cleaner energy annually. Using this cleaner energy to power our production line electrical equipment and our offices means we can mitigate an estimated 9,800 tonnes of CO2 emissions over the next 25 years, the equivalent of planting 43,210 trees. The system currently provides annual savings of around 20% on electricity consumption, reduces our reliance on the grid and helps us hedge electricity price increases.



We migrated our Jaguare and Botucatu sites to renewable electricity generated by wind. This was achieved in just 6 months, five years ahead of our 2025 target. No additional investment was needed and we expect to deliver CHF 750,000 in savings over five years.

In markets where the procurement of renewable electricity is limited, we are exploring PPAs, as well as developing ways to generate our own electricity on site. Our collaborations with organisations like RE100 are vital in such markets to help influence policy makers so that we can have more renewable electricity in more countries.

### **Innovating for progress**

In 2020, we set a new renewable electricity strategy prioritising first on-site generation, then off-site generation (through PPA and Capex in both cases) and finally the purchase of Electricity Attribute Certificates (EACs). Our stringent procurement strategy helps add more renewable electricity to the grid. In 2022, we purchased electricity that accounted for 32% of the total energy used across the Company, but which equated to 11% of our total CO2 emissions. Replacing our fossil-based energy with renewable fuels like biofuels is also part of the strategy to reduce emissions, particularly those related to the production of heat and electrification of heat which is one of our strategic axes.

### **Inspiring action with our suppliers**

One of the most important aspects of our collaborations is partnering closely with our suppliers on this journey. Through a dedicated supplier engagement toolkit we are helping suppliers take action of their own. This includes a call to action to engage with us on our overall climate goals via our key memberships including RE100.

*'As a business community we must continue to raise our level of ambition on climate action. We depend on shared knowledge, insight and inspiration to fuel action. Partnerships like RE100 enable this which is why they are so vital to achieving our collective aims and why we're so proud to be a member.'* Willem Mutsaerts, Head of Global Procurement and Sustainability for Givaudan.