Biorizon Biotech is a multinational company, **world-pioneering** in developing and commercialising microalgae-based agricultural products. Biorizon Biotech is working on decarbonisation biotechnology for sustainable agriculture, producing microalgae biomass, at same time **as** we are bio fixing CO_2, and transforming this biomass into eco-friendly bio stimulants and biopesticides.

The use of bio-based agricultural products produced, by Biorizon Biotech, contributes **to** the reduction of chemical pesticides and fertilisers in agriculture.
Additionally, Biorizon Biotech is researching **on** the **recovery** of nitrogen and phosphorus from residual streams, to be used as nutrients in the microalgae biomass production, at same time **as** water is regenerated.

The sustainability of the products and processes with which Biorizon Biotech works, **provides** the consumer with healthier, safer and more environmentally friendly agri-food products, while capturing CO2 and reducing the environmental impact of chemicals.

A. Carbon footprint - commitment to identify and reduce

During the present year, Biorizon Biotech is working on the quantification of the Carbon baseline footprint by using the Organisation Environmental Footprint methodology (OEF). The verification of the calculation will be done by an independent party.

"Biorizon Biotech is committed to identify the baseline footprint by the end of 2024 and to optimise the reduction to the maximum possible by 2030, compared to the baseline calculated in 2024, if possible."

B. Commitment to other aspect(s) of sustainable consumption

Our commitment to identify and reduce its environmental footprint, therefore contributing to zero pollution ambition:

Biorizon Biotech is committed to reduce the environmental footprint by **reducing** water consumption and electricity consumption, per litre of product produced, in addition to increase the use of renewable energy.
The average calculated for the consumption of electricity and water is estimated every year. The calculation of the improving is estimated in % taking the reference of the previous year.

- Energy consumption (2023)= 0,0847 kW/L.
- Water consumption (2023) = 2,45 Lwater/Lproduct

The calculation has been done based on the OEF methodology.

"Biorizon Biotech commits to reducing the energy and water consumption **with** at least 5% per year".

At present, Biorizon Biotech is not able to **indicate** the maximum potential reduction on these parameters, however Biorizon commits to attempting/making considerable efforts to achieve at least a 15% **reduction compared** to the current consumption by 2030.
Biorizon Biotech is certified under the standard ISO14001 and yearly, the company **passes** an audit with a third-party certifier company which **certifies** the reduction on energy and water consumption.

Likewise, the production of the raw material (microalgae biomass) obtained by Biorizon Biotech contributes directly to the fixation of CO_2 since for each kilogram of microalgae biomass produced, up to 2 kilograms of CO_2 are captured. The ratio cannot be improved because it is a biological ratio. However, Biorizon Biotech is increasing the CO_2 captured per year with the increasing of the microalgae biomass produced.
During 2023, 15 tons of microalgae biomass were produced, and **our estimation indicates** that 30 tons of CO_2 were captured.

"Biorizon Biotech commits to increasing the capturing capacity of CO2 by increasing the microalgae biomass production by at least 5% per year, from the 30 tons captured in 2023, achieving a minimum of 200 tons by 2030".

Additionally, the use of Biorizon Biotech nutritional products contributes to the reduction of mineral fertilisers in agriculture, as well as the use of biopesticides that the company produces contributes to the reduction of the use of chemical pesticides in agriculture. Biorizon Biotech has shown how the microalgae-based biostimulant products are able to reduce the use of chemical fertilisers in crops by 20 %. This reduction depends on the farmers who are the responsible for the use of such products.

During 2023, Biorizon Biotech commercialised 398.414 L of biostimulant products.
"Biorizon Biotech commits to increasing the commercialisation of sustainable biostimulant products by 2030, to at least 2.000.000 L with the potential reduction capacity of 400.000 L of mineral fertilisers".

Our commitment to demonstrate the increase in the circularity of its activity:

Biorizon Biotech works with a zero-waste production policy. In addition, Biorizon Biotech researches and develops production strategies for its raw material, microalgae biomass, through methodologies for recovering nutrients, such as nitrogen and phosphorus, from waste streams.
Per Kg of microalgae biomass produced Biorizon Biotech is recovering 0.03 Kg of Nitrogen and 0.04 Kg of phosphorus.
A maximum of 5 % of our total production of microalga biomass is produced recovering nutrients from residual streams.
During 2023, 22.5 Kg of residual nitrogen and 30 Kg of phosphorus were recovered from residual streams.
The annual increasing of the microalgae biomass production will increase the recovery of residual nitrogen and phosphorus.
Biorizon Biotech commits to recovering 0.5 tons of nitrogen and phosphorus per year by 2030.

Biorizon commits to publishing company progress about these commitments at least once a year within Commission's website reporting.