



Claypaky continues progress towards the green future and obtains ISO 14064-1:2018 certification for the second consecutive year

(February 2024) Claypaky remains at the forefront of the Entertainment Lighting Industry with its efforts to improve its environmental performance with the “CP Green” project launched in 2022. Having been the first in its industry to adopt ISO 14064 and hence therewith a set of tools to quantify, monitor, report and verify greenhouse gas emissions (GHG), the company has already implemented several aspects of the long-range project, which is constantly revised to make Claypaky’s sustainability strategy more effective and efficient. “CP Green” underlines therefore the ambition of Claypaky to constantly innovate also “beyond the lighting fixture itself”.

The main objective of the project is reducing Claypaky’s impact on climate change and mitigating GHG. To achieve this goal, the first and most important step is calculating GHG emissions, since it is not possible to improve what is not measured. For this reason, for the second consecutive year Claypaky obtained in November 2023 the ISO 14064 certification, which calculates impact on climate change at the organizational level for the year 2022. This study, performed with the support of Spinlife, spin-off of the University of Padova, has been carried out with a “cradle to grave” approach analyzing all direct and indirect emissions. This organizational carbon footprint assessment allows Claypaky to understand where the environmental hot-spots are and to define concrete actions to reduce its impact on climate change. The result of this analysis will also permit updating the carbon management plan established in

2022 (created according to data of the ISO 14064 study of the year 2021) and delineating a more precise and realistic GHG emission reduction strategy.

In parallel to this systematic measurement approach, Claypaky has already started implementing many GHG mitigation activities established by the carbon management plan such as:

- Reducing the consumption of methane thanks to a new Building Management Control Scheme, which monitors and improves fuel consumption at Claypaky's production plant.
- Purchase of 100% of its electricity from certified renewable sources. Beyond that, Claypaky started the project to install a photovoltaic system capable of generating all the electricity needed for its operations. This initiative is foreseen to conclude within 2024.
- Conversion of its internal combustion engine car fleet to full electric vehicles. The new fleet is powered by renewable energy, as mentioned before.
- Installing a new and more energy efficient laser cutting machine to reduce the electricity consumption of the operation and improve efficiency.
- Exchange of all interior lighting for energy efficient LED lighting to substantially reduce energy consumption.
- Improving product design and components to make them more energy efficient. Consequently, Claypaky now significantly cuts emissions from the use phase. This result was achieved by converting the fixtures fleet to more efficient products by innovation and the use of superior raw materials (e.g., high-class lenses, highly efficient LEDs, and lasers).
- Implementation of a more precise and reliable data collection and management system to better monitor and improve environmental performance. This system facilitates a more precise Carbon Footprint study for the year 2022 and obtains more valid and reliable data about the main sources of GHG emissions.
- A significant result already has been achieved by creating a more accurate analysis of the supply chain. Claypaky created an enhanced system for raw materials analysis and classification to better track the emissions generated by resources usage. Suppliers of raw materials and outsourced finished products were also involved to collect more solid data about their operations. These activities enabled Claypaky to improve calculation of upstream GHG emissions.
- Performing trainings that targets GHG managers who will track data continuously over the years.
- Plan to compensate Category 1 and Category 2 (equivalent to Scope 1 and Scope 2 emissions according to the GHG Protocol) using carbon credits. Claypaky is implementing this initiative to be more accountable for emissions related to production activities.

As a result of all these initiatives, Claypaky has not only started to substantially reduce its carbon footprint but also begun to better monitor and improve its environmental performance and play a more significant role in the global fight against climate change.

Discover more about our commitment to Sustainability: <https://www.claypaky.it/en/sustainability-claypaky/>