



Spotlight on sustainability

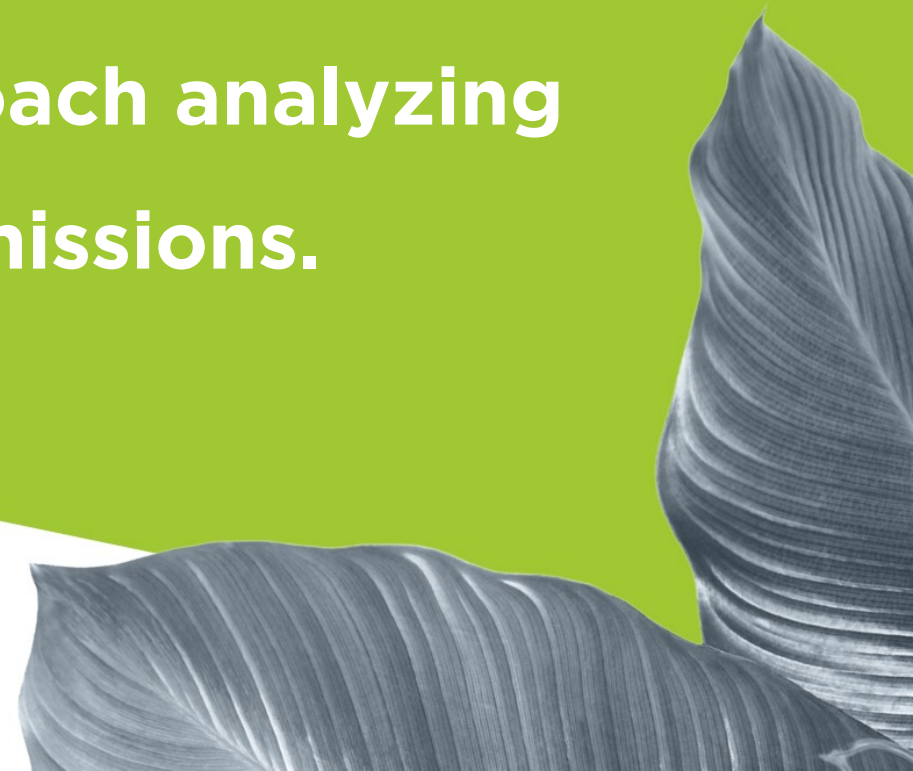


In March 2022, Claypaky launched a company initiative

CP Green Spotlight on Sustainability

**to approach the topic of environmental
sustainability with even greater focus and in a
more systematic way.**

This study has been performed with the support of **Spinlife, spin-off of the University of Padova,** with a “cradle to grave” approach analyzing all direct and indirect emissions.



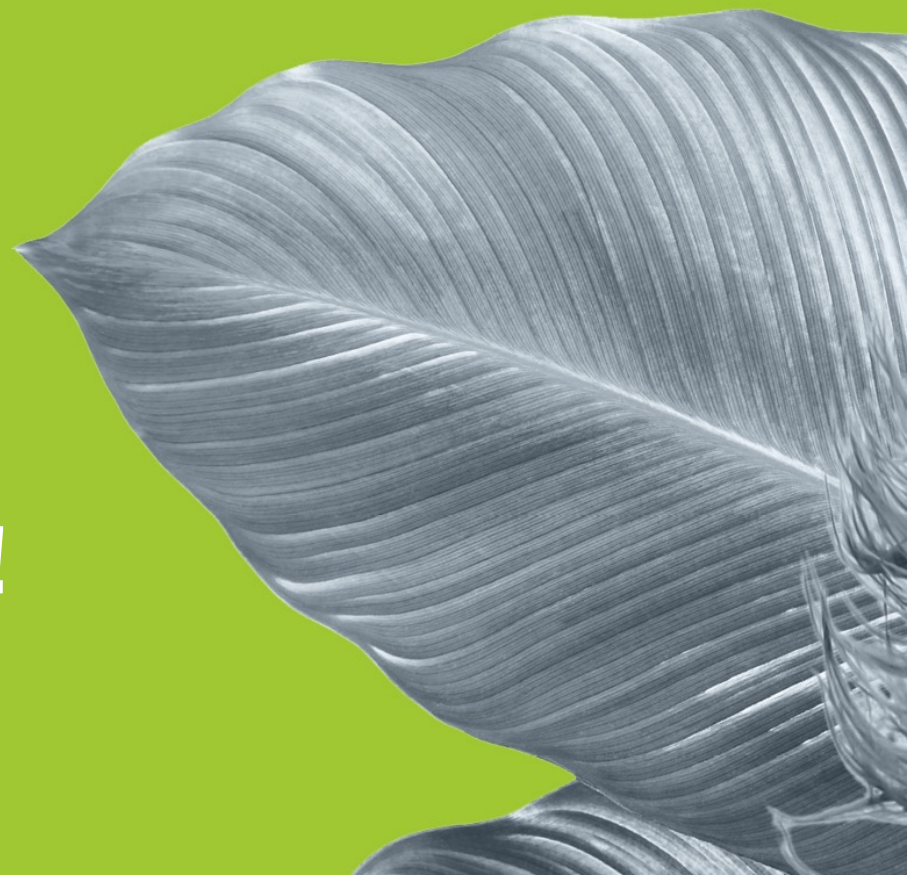
Believing that what is not measured cannot be improved, Claypaky took the first step of understanding, quantifying and analyzing its current carbon footprint using the **ISO 14064-1:2018** norm and achieving certification via a third-party auditing process.



Today, Claypaky is

**the FIRST and ONLY
ENTERTAINMENT LIGHTING
company**

**being certified in the carbon
inventory management system!**

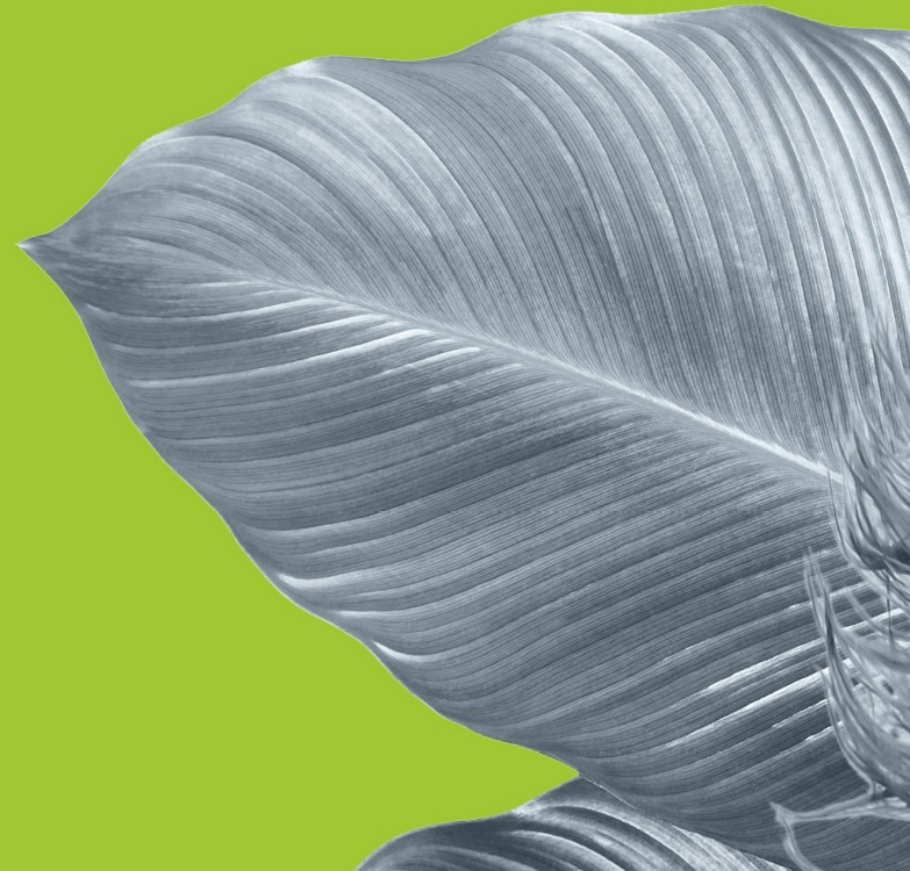


**...for a second
consecutive year!**



Our unwavering commitment to understanding and assessing our carbon impact involved significant dedication and effort.

**Here are some
remarkable figures that
showcase our
commitment:**



Tracking about 650 tons of materials from their origins to our factory, and then from the factory to our valued customers.

Over **7000** unique part numbers
sourced from **208** suppliers.

Each item methodically classified
by using **363** distinct raw
materials grouped into **83**
categories.



Producing **33,000** units of
92 diverse products, estimating a total
energy consumption of
64 million kWh over five years.

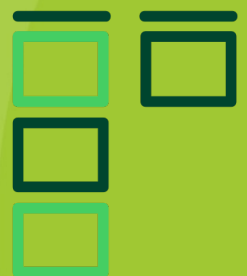
**Armed with these data,
Claypaky updated its carbon
management plan, outlining a robust
GHG reduction strategy and has already
implemented several mitigation
activities:**





**Plastic free
packaging**





Implementation of the Kanban control system

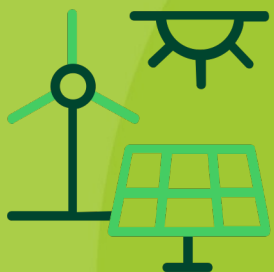




Reduction of the methane consumption

Thanks to a new Building Management Control Scheme, which monitors and improves fuel consumption at the production plant.





Purchasing 100% of its electricity from certified renewable sources

In addition, Claypaky plans to install a photovoltaic system capable of generating all the electricity needed for its operations.



Conversion of internal car fleet to full electric vehicles





Installation of 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.





**Improved product design
and components to make
them more energy
efficient**





Implementation of a more precise and reliable data collection and management system

To better monitor and improve
environmental performance.



A significant result has already been achieved by creating a more accurate analysis of the supply chain

Claypaky created an enhanced system for raw materials and classification to better track the emissions generated by resources usage.

All these measures have already demonstrated an improvement in our overall energy consumption during the fixture production.

Our efficiency strides are evident: the electricity consumption to produce a single unit decreased from **175 to **164 kWh** between 2021 and 2022.**



Plan to reduce and compensate Category 1 and Category 2 emissions

Claypaky is implementing this initiative to be more accountable for emissions related to production activities.



These steps demonstrate Claypaky's reputation for innovation and trendsetting not only in the product and technology field

but also beyond

by taking the company and its entire operations into consideration toward its sustainability goals.



**Claypaky:
leading, not following,
through innovation.**

