

# Clever solar devices Sustainability



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# Our Purpose

We digitalize the photovoltaic (PV) industry for sustainable and safer energy for all contributing to a better planet.

Protection and sustainability of the environment and natural resources thru renewable energy is driven value.

## Reduction of CO2

We KNOW EXACTLY WHAT is happening to each module and WHICH And WHERE are the defective modules are found in the installation remotely.

With the same number of plants, clean energy production is increase up to 12%.  
With The REAL-TIME AND AUTOMATIC DIAGNOSIS of 100% of the plant.

With the same production plants, **reduce** Green Gas Emissions, up to **60 million tones** per year globally.

## Effects of the 12% production increase

By using **Clever Dx:**



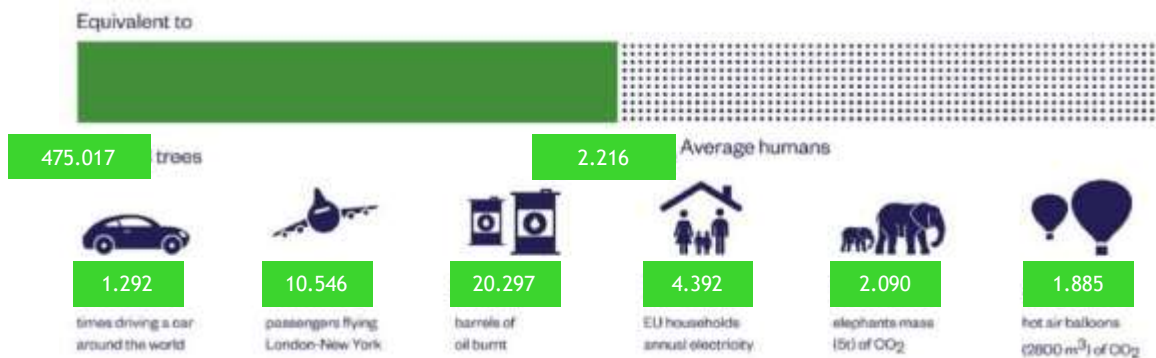
# Clever & the Sustainable Development Goals

We contribute to 6 Sustainable Development Goals helping improving operator's day to day creating a more efficient energy system for everybody by digitalizing the PV industry thru innovation and contributing reach the goals of Horizon 2030-2050.



## Our Impact

The positive impact per year, of having 700.000 PV modules diagnosed with Clever Dx (1 PV power plant of 280MW) is:



## Our solution by Impact Forecast

Clever Solar Devices enables photovoltaic power plants to improve the overall efficiency of their digitalization by providing more accurate information for PV power plant diagnosis with PV module granularity. Impact Forecast has named our solution as:

1. **VALID.** We represent our PHOTOVOLTAICS 4.0 using appropriate data and justified assumptions.
2. **POSITIVE.** The positive impact comes from the increase in efficiency that Clever provides to solar photovoltaic modules. As they are able to generate more solar energy, additional polluting sources are avoided.
3. **SIGNIFICANT.** Our reduction in pollution is equivalent to producing the carbon footprint of 32,122 human beings.

# Clever & Solar Impulse Certification

## What is Solar Impulse Label?

A label focused on both the environment and profitability.  
Thanks to a rigorous evaluation process, the "Solar Impulse Efficient Solution" Label is the only evaluation that guarantees the economic profitability of products and processes that protect the environment.



Considered a recognition for innovators and a credible trademark of quality for governments and companies, it enables decision-makers to find efficient solutions to meet their environmental commitments.

## Our partners and accomplishments



## More about Us

Find more details in our website:



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