Carbon Footprint:

Generally, the less metallic components the lighting pole has, the lower the CO2 emissions are. Our wooden poles are manufactured in a carbon-neutral factory, where the environmental loads are reduced thanks to heat generated from air compressors being used to heat the factory, and the implementation of low consumption LED lighting. Throughout its life cycle, from the extraction of raw materials to its final recycling, every product has an environmental impact.

There are several factors which have a negative impact on the environment:

- Greater greenhouse gas emissions
- Energy consumption
- Production of hazardous waste
- Impact on air (toxicity, acidification)
- Impact on water (acidification, toxicity)
- Depletion of the ozone layer

The scale of the task and the requirement set by the Kyoto Agreement (lower greenhouse gas emissions), has brought Valmont to focus initially on the carbon footprint of its products. The volume of greenhouse gas emissions is calculated throughout the life cycle of a product and is converted into CO2 equivalent to work out the carbon footprint. This varies according to the product assessed (diameter, height, materials, etc.). Thus, in some cases, the choice of an alternative glulam timber may reduce the carbon footprint of your project by up to 40%. For an independent assessment, the Valmont Group has worked with the engineering consultancy REJLERS. Valmont is therefore able to provide the carbon footprint for each of their products as part of its Continuous Improvement Policy and as new products are designed.

This is done:

- By using high-tensile steel for optimized designs
- By using waste recycling or treatment in its plants
- By optimizing

Our goal is to achieve the lowest environmental footprint possible for all your projects, whatever the material.