



NOVEA

GROUPE RAGNI

*Solar lighting
designed to
last*

MANAGEMENT & QUALITY POLICY

MANAGEMENT AND QUALITY POLICY

DEVELOP QUALITATIVE SOLUTIONS AND LIMIT THEIR ENVIRONMENTAL IMPACT

Committed in technological innovation, we use a scientific process to create and develop sustainable and reliable solutions. That is why we put our QSE (Quality, Security, Environment) management system in a continual improvement process, and we are certified with ISO 9001 and ISO 14001.



**We make the safety of
people, environment and
product a priority.**

Marie Briand
QSE Manager

DEVELOPMENT BASED ON THREE APPROACHES



STAKEHOLDERS AND CUSTOMER SATISFACTION

Continuous training of technical and sales teams

Standardisation of customer satisfaction analysis

Efficient after-sales service

Analysis and monitoring of after-sales service indicators for continuous improvement

Implementation of logistics and export protocols

Contract review: definition of the requirements relating to the product in an adequate, unambiguous, documented and achievable way



MANAGEMENT AND LONGEVITY

Research and development

Implementation of production protocols (description of activities, risks, etc.) and control

Control of non-compliant products and corrective actions (analysis of failure)

Monitoring of performance indicators

Control of the information system



DURABILITY AND RELIABILITY OF OUR PRODUCTS

Risk and opportunity analysis of the public lighting market

Internal audit

Matching skills

Optimisation of the safety of people and goods

Monitoring performance and management indicators

Optimisation of the ergonomics of our two sites

MANAGEMENT AND QUALITY POLICY



SOCIETAL ANGLE

- Public lighting is a key element in the safety and comfort of citizens at night. Worldwide, autonomous lighting makes it possible to overcome instabilities of the electricity grid while benefiting from an exceptional solar potential.
- The extension of outdoor activity contributes to the revitalisation of certain neighborhoods by stimulating retail or catering activities in the evening. This contributes to the development of the economy and to the reduction of poverty.
- Installed in areas without conventional streetlights, i.e. connected to the electricity grid, autonomous lighting solutions extend economic and social life in time (after dusk) and in space (where previously public lighting was lacking).



ENVIRONMENTAL ANGLE

- Public lighting is a key sector of the energy transition, which influences regulations and political positions. We fall within an approach of reasoned use of night lighting, in order to provide lighting that respects all ecosystems and is adjusted to our customers' needs.
- From the design step, we anticipate the choice of components and the management of the end of life of our products, in order to limit the impact of our products on the environment.
- We limit the use of plastic as much as possible, both in the manufacture of our products and in their packaging.
- We are members of the eco-organisations ESR and Screlec (organisers of the collection and recycling of batteries in France) and finance the recycling process for Pro WEEE (from electronics and luminaires) in partnership with EcoSystèmes. Our choice of a manufacturer of solar panels that is a member of SOREN (formerly PV Cycle) is proof of our consideration of the entire life cycle of the components used for our autonomous lighting solutions.
- Our standalone lighting solutions have the longest lifespan on the market, which means less component replacement, resulting in less production and waste management. And thus a limited impact on the environment.



TECHNOLOGICAL ANGLE

- We develop our own systems to optimise performance and avoid hazardous assemblies. All our street lights are adapted to the constraints of the installation sites, and in particular to windy areas.
- In order to provide lighting adapted to the location and the real needs of each project, we realise customised studies and offer various lighting management systems (defined time slots, presence detection, dimming mode, remote control, etc.).
- We design all of our components. This complete mastery of the system allows us to offer highly reliable and most durable products on the market. For example, our Endurance + Technology battery has a service life that is unique on the market, thanks to long research work in partnership with the CEA.



The French Alternative Energies and Atomic Energy Commission (CEA) is a public scientific, technical and industrial research organization (EPIC). From electric batteries to nanotechnology, materials and biotechnology, the CEA Grenoble centre is at the cutting edge of technological research and actively engages in sharing its knowledge with the industry.