



STARIA

SMART SOLAR LIGHTING

ILLUMINATING THE WORLD SUSTAINABLY

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THE LIGHTING SECTOR HAS NOT INNOVATED IN 60 YEARS



HIGH ANNUAL EXPENSE

The annual cost of public lighting exceeds €40 billion.



COSTLY INSTALLATION

Requires expensive trenches, wiring, and control panels.



NEGATIVE ENVIRONMENTAL IMPACT

Emission of greenhouse gases due to the consumption of non-renewable energy.



THE SOLUTION: STARIA SOLAR LIGHTING



SAVES UP TO 70%

No need for cables and civil works, significantly reducing costs.



NO MORE CABLE THEFT

Autonomous system without wiring, eliminating theft risk.



100% SUSTAINABLE FREE ENERGY

365 nights of lighting, avoiding 23 tons of CO2 in 10 years.



INTELLIGENT STATION

Telemanagement, Artificial Intelligence, and integrated weather forecasting.



NO MAINTENANCE FOR 10 YEARS

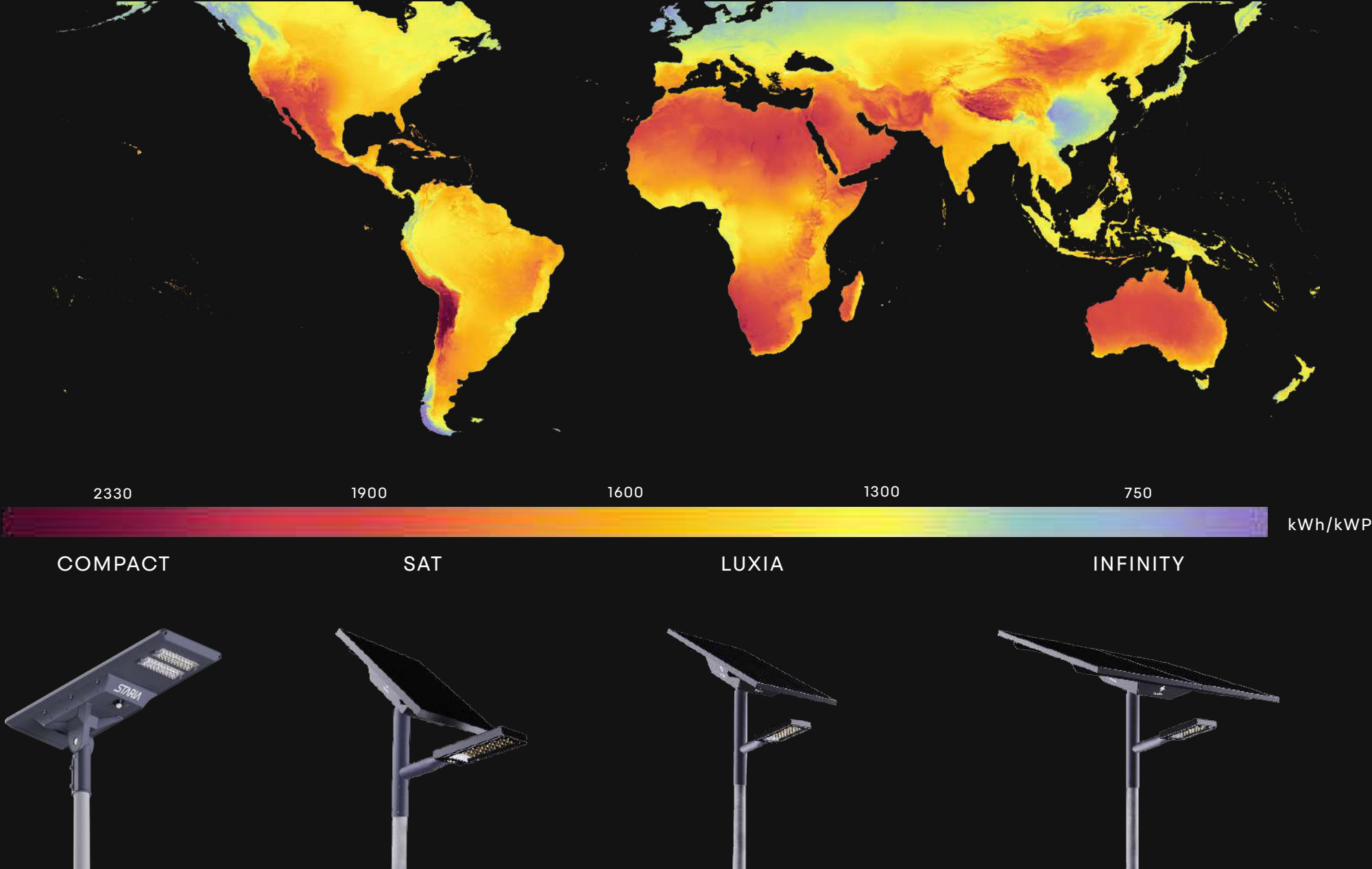
Zero maintenance for the first 10 years.



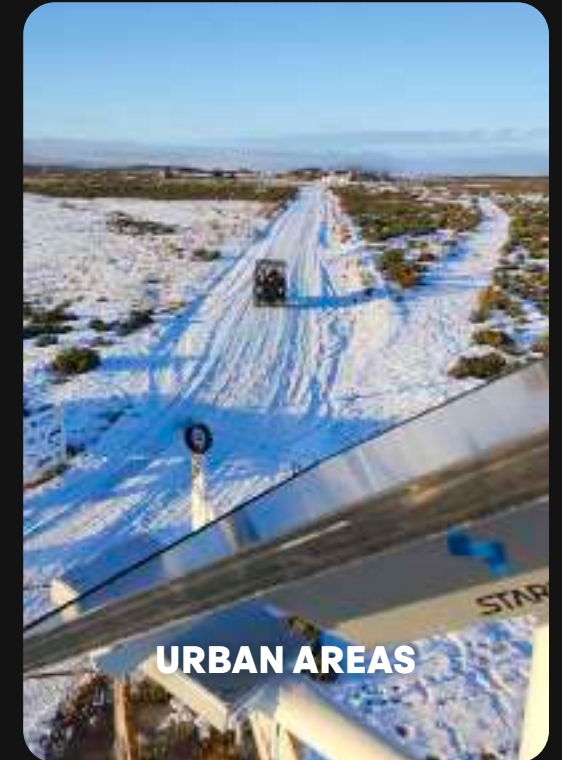
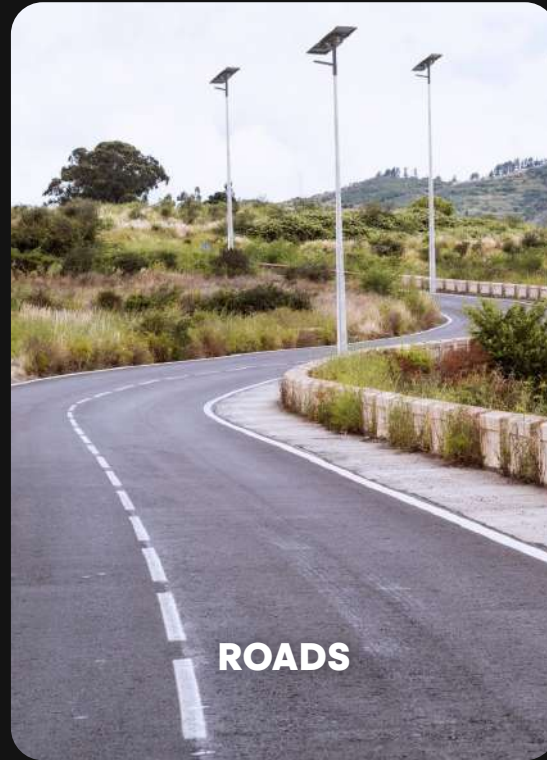
NO ELECTRICAL CERTIFICATION NEEDED

Operating between 12-24V, no need for Low Voltage Regulation certification.

CUSTOM SOLUTION FOR EACH GEOGRAPHIC LOCATION



LIGHTING ALL TYPES OF ROADS



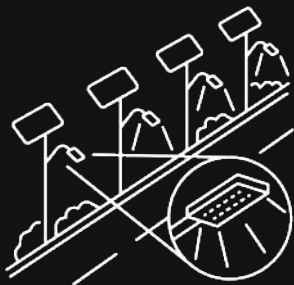
TAILOR-MADE END-TO-END PROJECTS

At Staria, we work closely with our clients, customizing our solutions for each project.

1

Lighting Analysis

We thoroughly analyze the lighting regulations to ensure legal compliance and adapt the lighting to the specific space.



2

Solar Evaluation

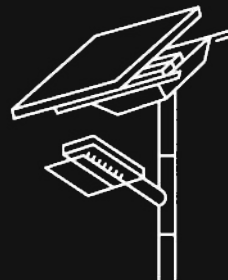
We perform a detailed analysis of the available solar radiation at the project location.



3

Customized Solar Solution

We size the solar panel and battery considering the project's lighting needs and the available solar capture in the area.



4

Supply and Installation

We take care of the supply and installation of solar luminaires, ensuring a smooth and hassle-free process.



CLIENT PROJECT: 50 LIGHT STREETLIGHTS

SAVINGS OF €87,500

The urban area, without light in all its streets, requested 2 quotes to install 50 streetlights.

CONVENTIONAL LIGHTING PROPOSAL

The initial project had a cost

150K€

Maintenance and electricity expenses.

50K€ en 10 años

STARIA PROPOSAL

Reduction in installation costs

62.500€

Total costs reduced from €57,500 to

0€ en 10 años



ENVIRONMENTAL IMPACT IN 10 YEARS

100 STARIA LUMINAIRES INSTALLED, REPRESENTING 17,670 TREES PLANTED



CO2 CARBON FOOTPRINT

100 STARIA luminaires installed
avoid the emission of 23 tonnes
of CO2.



LUMINOUS POLLUTION

We reduce light pollution
pollution by 50%.



ENERGY SAVINGS OF 511 MWh

100 luminaires generate
savings of 5 MWh in 10 years



EASY AND QUICK INSTALLATION IN 24H

1

Foundation



2

Mast anchoring



3

Luminaire installation



4

Operational on the first day



UP TO 10 YEARS WARRANTY

EVER-LASTING SOLAR ENERGY

- 30-year lifespan
- Up to 500W of power

CUTTING-EDGE LIGHTING

- 30-year lifespan
- High efficacy up to 220lm / w

OPTIMAL ORIENTATION

- Optimal orientation in any location
- Maximizing solar capture by 40%

LONG-LASTING BATTERIES

- 10-year lifespan
- Up to 4000 discharge cycles
- Thermal insulation for optimal performance



REMOTE MONITORING SOFTWARE

Efficient and innovative remote control for advanced management.



REMOTE CONTROL OF LUMINAIRES

Control and adjust lighting remotely for greater energy efficiency.

FLEXIBLE SCHEDULING

Automate schedules to achieve maximum energy efficiency.

DATA ANALYSIS

Analyze data and generate reports for quick and informed decisions.



Get your custom project for free

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