

Rail projects still rely heavily on diesel for temporary lighting and power – causing high emissions, increased project costs, sustainability targets missed, operational inefficiencies and pressure from regulators and stakeholders.



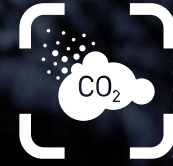
FUEL DEPENDANCY

Continuous refuelling and inefficient energy use



RISING COSTS

Fuel price volatility driving project spend



CARBON EMISSIONS

High CO₂ impact across large-scale rail works

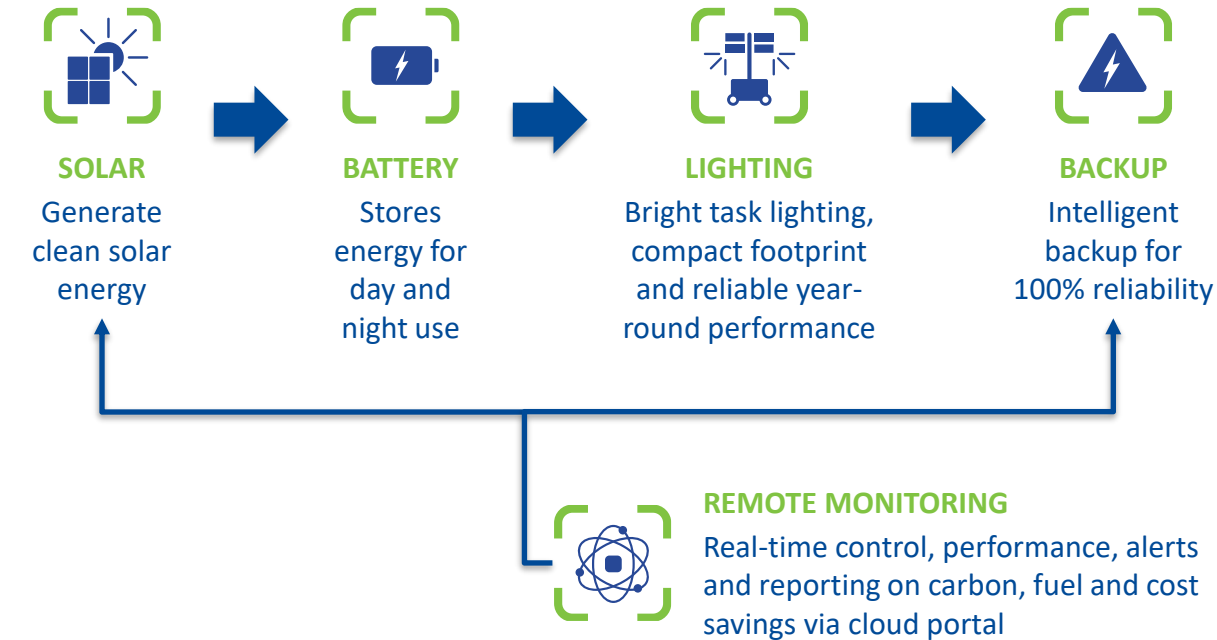


NOISE & DISRUPTION

Poor working conditions and community impact

Rail needs a cleaner, quieter, more cost-efficient alternative

A rail-engineered, solar-first system replacing diesel lighting and generators.



SOLAR-FIRST, NOT FUEL-BACKUP-FIRST

- ▶ Designed for reliable power day and night
- ▶ Hybrid resilience providing backup when needed
- ▶ Built for tight rail environments
- ▶ Monitor and manage from anywhere

Engineered for UK and EU conditions



A space-efficient and versatile solar lighting tower that offers outstanding fuel-savings and emissions reduction



No fumes or greenhouse gas emissions



Four 60W LED lights which are capable of 5,292 sqm coverage and up to 36,000 lumens output



No diesel costs, spills or refuelling labour costs



3 x 270W foldable solar panels with hydraulic assist



Ideal for urban, residential or nighttime projects



Patented software enables lights to autonomously adapt by analysing 10 years of climate data, location & remaining battery

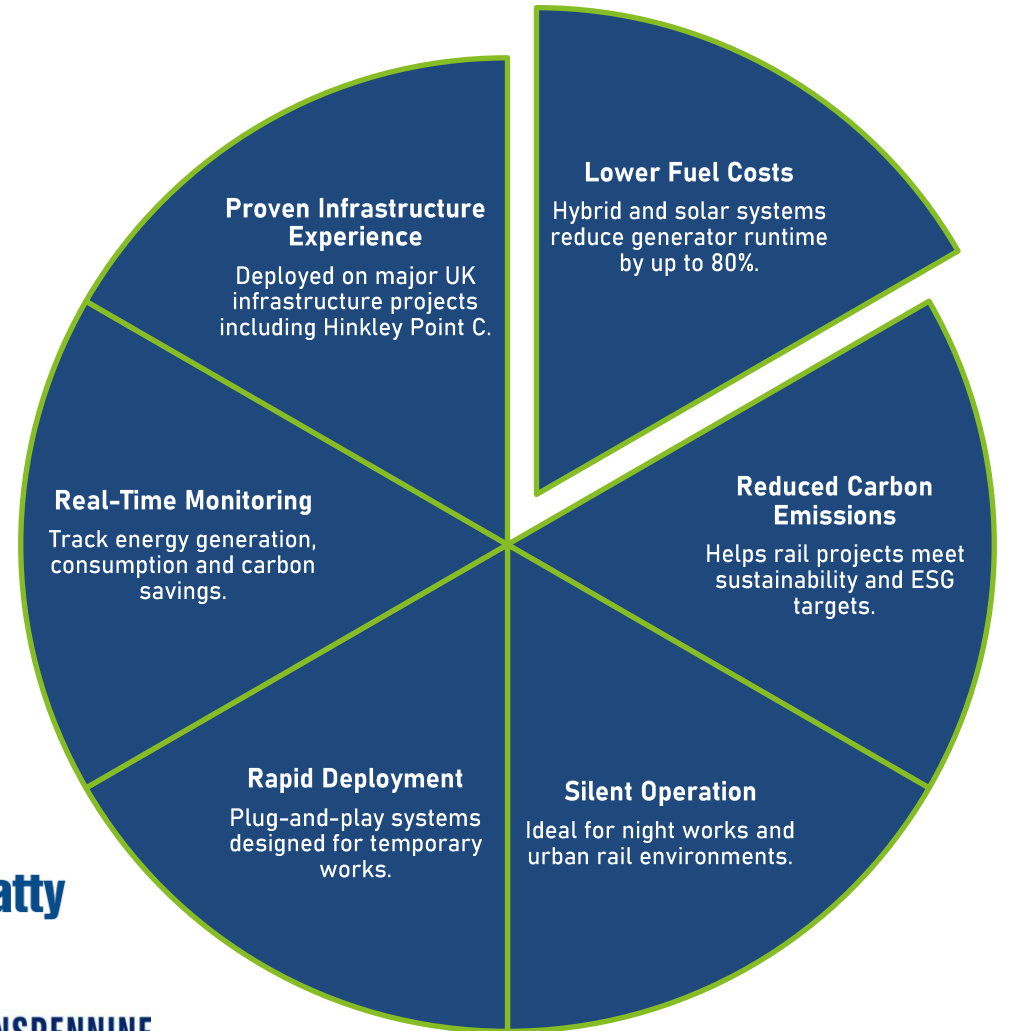


Compact footprint designed for restricted trackside environments



Only Solar Light that doesn't require battery drainage, externally powered recharging or monthly maintenance

Our customers include



Proven impact across UK rail infrastructure - Combined results from live rail projects, spanning short-term possessions through to long-term infrastructure operations across the UK.



97%

fuel reductions on
possession
deployments



736,778

litres of fuel
eliminated



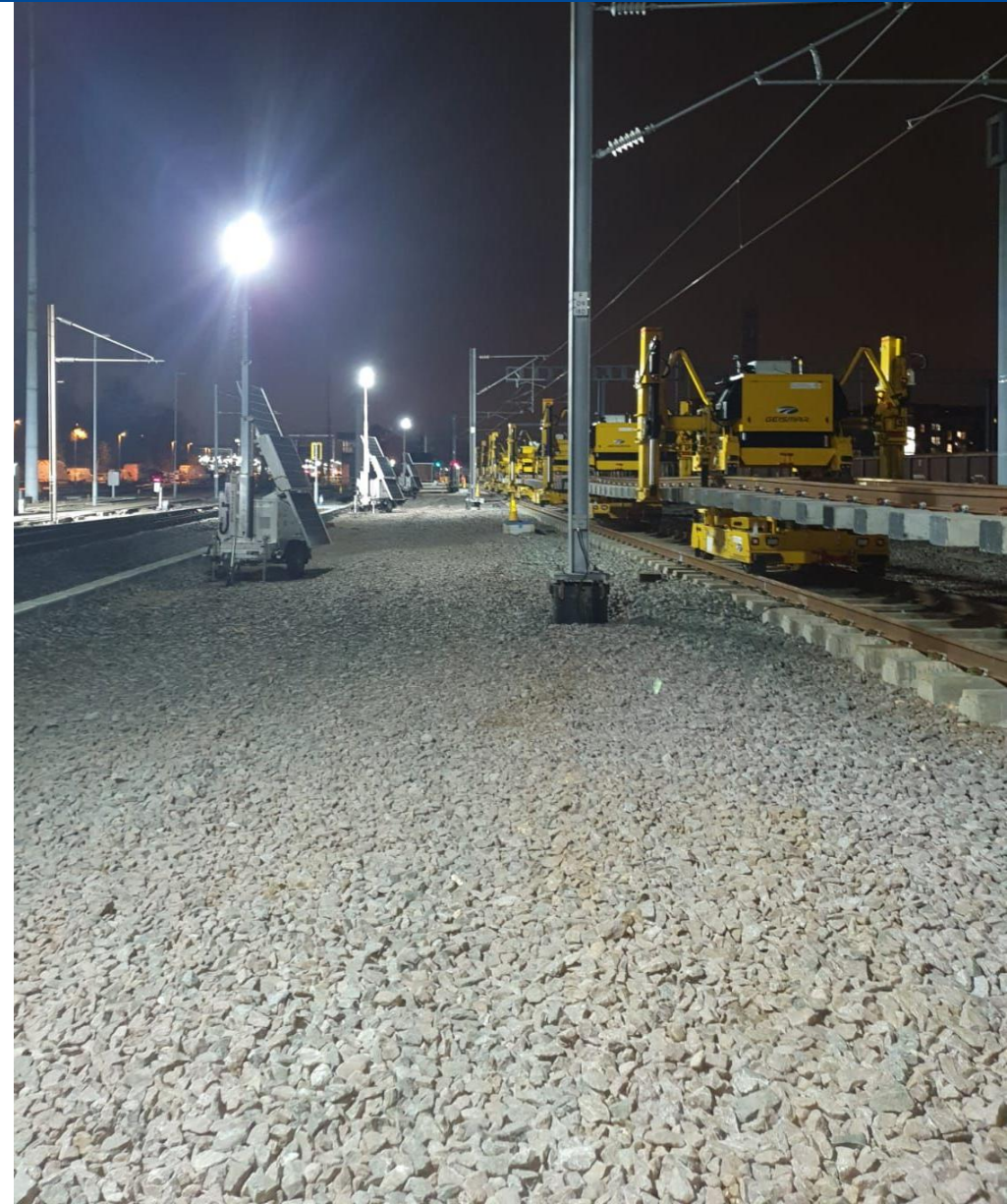
£1,297,082

fuel cost
savings



1,867

tonnes CO₂e
avoided



Delivering cleaner, quieter and more cost-efficient rail infrastructure
- today and for the future.



Infrastructure Ready

Supports electrification,
maintenance and upgrade
projects



Lower Emissions & Costs

Reduces carbon emissions,
delivers measurable financial
savings and minimises site
disruptions



Diesel-Free Operations

Aligned with UK & EU
decarbonisation targets, setting a
new standard for off-grid rail
energy