



# Case Study

## European Patent Office

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Europäisches  
Patentamt  
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Patent Office  
Office européen  
des brevets

## reev helps the European Patent Office on its way to CO2 neutrality

The European Patent Office (EPO) offers inventors, researchers and companies from all over the world protection for their inventions in 45 countries. The EPO is one of Europe's largest public service organisations. With 6,300 staff, the organisation is committed to protecting intellectual property, to foster innovation, competitiveness and economic growth across Europe. In addition, the EPO has very ambitious sustainability goals – one of which is to become fully CO2 neutral by 2030. Part of this programme to reduce emissions is a focus on electric mobility. To this end, the EPO works closely with eMobility expert reev.

The main goal of the collaboration with reev is to make charging vehicles and e-bikes at the EPO as easy as possible for both employees and the Office itself to accelerate and facilitate the mobility transition. The collaboration between EPO and reev includes the recent installation of 330 charge points at the EPO's The Hague site – most of which are eM4 ABL installations providing 22kW per charging point. Combined with the 393 charging points that reev installed at the EPO's headquarters in Munich in 2022 and 2024, there are almost 750 charge points in operation. In addition, two high-voltage transformers have been installed in The Hague, each with a capacity of 1000 kVA.

## Faster charging through smart and cost-efficient energy management

reev's intelligent energy management system ensures the efficient and accurate distribution of available electricity from the transformers to the charging points. This takes both the electricity demand and load of the EPO building into account. The system can avoid (expensive) consumption peaks during the day and

regulates the most cost-effective use of the available electricity. Smart energy management enables faster charging by optimising power supply and serves as protection against overload.

### Supporting the EPO's e-mobility efforts

“The EPO has set itself the ambitious goal of being CO2 neutral by 2030. Reducing emissions from commuting is certainly important. The use of sustainably generated energy in combination with promoting e-mobility will help us to achieve that goal,”

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EPO spokesperson

## Check, manage and monitor

The entire project at the two locations is under the direction of reev, from planning and implementation to maintenance and service. reev supplies the intelligent charging software and the electrical engineering specialists from reev solutions are responsible for the planning, installation and maintenance of the charging stations in Munich.

The reev Dashboard Pro is used to manage the charging infrastructure. This enables EPO to control, manage and monitor all charging processes at both locations. The energy management system is visually displayed on the reev Dashboard, which makes it very transparent for the EPO to efficiently manage the energy demand and charging load on site. Implementation is a great first step: twenty percent of the entire parking lot has now been electrified.



## ‘Great contribution in the Netherlands’

“We are very pleased with the cooperation with the EPO,” says Eduard Schlutius, CEO of reev. “We are happy to support the European Patent Office in achieving their ambitious sustainability goals. At the same time, we are helping to make electric driving comfortable, safe and cost-effective for employees thanks to our intelligent energy management system and user-friendly charging dashboard. With the successful collaboration in Germany and the Netherlands we are very pleased to have been supporting the EPO in achieving their sustainability goals.”

“For us, this cross-border cooperation project with the EPO is a great opportunity to contribute our expertise to the electrification of Dutch transport. With this large-scale project, we have an excellent opportunity to directly demonstrate our expertise in the realisation of complex charging solutions.”

### About reev

reev offers a user-friendly, transparent and fully automated cloud software platform for managing, controlling and invoicing charging infrastructure. This gives the company a future-proof, unique solution for a wide range of challenges. reev’s mission is to give everyone the opportunity to shape the future of eMobility themselves, to actively contribute to the mobility transition and to manage their own charging infrastructure. reev’s software is therefore specifically designed for complex fleet situations, such as at companies, residential areas, commercial environments or parking facilities.



*The EPO is one of Europe’s largest public service organisations. In 2023, the EPO received over 199,000 patent applications – more than 500 per day.*

### About the European Patent Office

With 6,300 staff, the European Patent Office (EPO) is one of the largest public service institutions in Europe. Headquartered in Munich with offices in Berlin, Brussels, The Hague and Vienna, the EPO was founded with the aim of strengthening co-operation on patents in Europe. Through the EPO’s centralised patent granting procedure, inventors are able to obtain high-quality patent protection in up to 45 countries, covering a market of some 700 million people. The EPO is also the world’s leading authority in patent information and patent searching

