

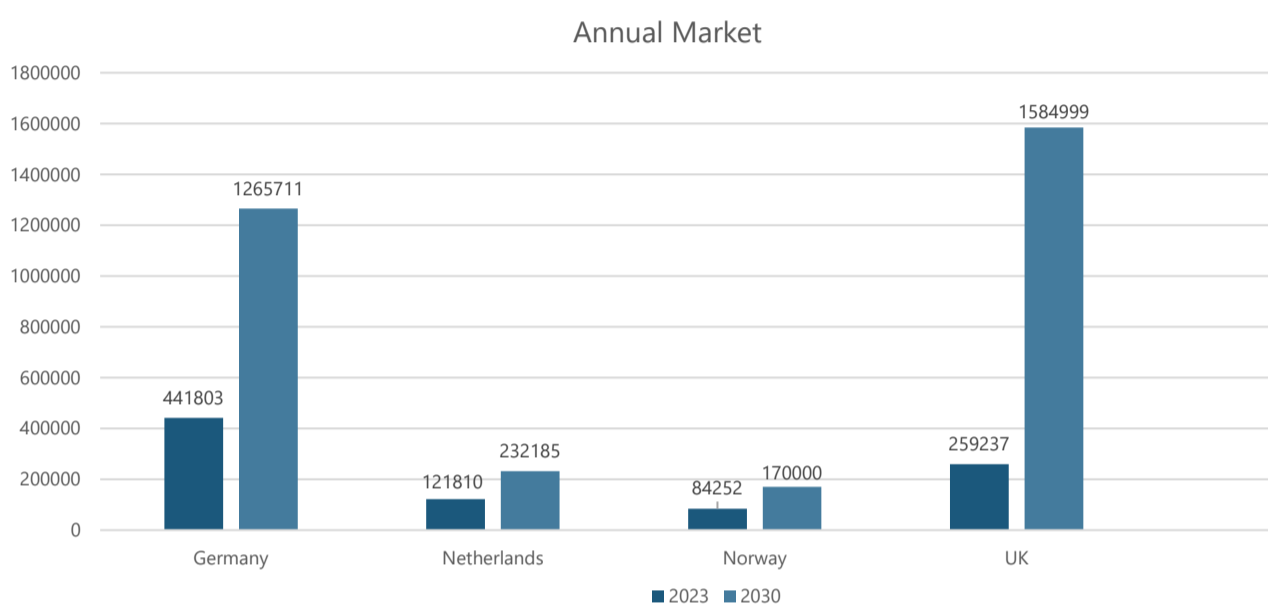
Charging Forward: European Countries Lead the Way in EV Infrastructure Investment

How EV friendly policies and generous grants are driving the charging infrastructure in Leading European markets?

Significant progress in charging infrastructure is anticipated in key European markets, including France, Germany, the Netherlands, Norway, and the UK. These countries are actively expanding their charging networks, which is driven by government incentives, stricter regulations, and rising electric vehicle (EV) demand. Positioned at the forefront of the global EV revolution, the European region recognizes the importance of robust charging infrastructure to support the increasing demand for EVs. As EV sales surge, the development of a well-connected charging network becomes crucial, ensuring convenient and reliable access for drivers.

Comparison of Charging points in 2023 and 2030

Number of Annual Charging points additions in leading European Markets for 2023 and 2030 (expected)



Comparison of Europe and Leading Markets in 2023 and 2030

Number of Annual Charging points additions in leading European Markets for 2023 and 2030 (expected)



Key Roles of Policies and Grants in European Markets Leading to Growth

What are the goals and dynamics in leading European Markets?



France

France is committed to a target of 7 million charging points by 2030. Progress has been slow in recent years, but the pace is expected to accelerate due to new incentives and stricter regulations. With France's announcement of setting up fast charging infrastructure at all service areas with high-power chargers by 2023, an increase in the high-power charging installations is expected.



Germany

Germany is aiming for 1 million public EV chargers by 2030. The country is investing \$6.875 billion over the next three years to support this goal. With dedicated fundings announced for fast charging infrastructure, such as funding from European Union for 8500 DC chargers and Germany's mandate to install chargers on all gas stations by 2030, DC chargers growth will increase over time.



Netherlands

The Netherlands has the densest public charging network in Europe. Strong EV adoption and a high number of charge points make the Netherlands a leading e-mobility nation. But it has very few DC chargers and is expecting to rapidly expand its fast-charge network. Meanwhile, interest in charging for commercial vehicles is beginning to grow due to regulations on urban emissions.



Norway

Norway is on track to become the first country to achieve 100% electrification for passenger EVs, therefore Norway is already on the right track as per the charging infrastructure is concerned. Charging infrastructure is expected to expand rapidly, with a focus on installing high-power chargers (greater than 150kW).



United Kingdom

UK's charging infrastructure is expected to grow at a rapid pace owing to the generous incentives, grants, and policies, as also depicted by the graph. As many people in the country don't own a driveway so with announcements of 50,000 and 190,000 on-street chargers by Shell and Connected Kerb, respectively, along with other numerous plans, will help in making EV charging more accessible to public.