



Deliverable D2.2: Electric mobility evolution and forecast based on the new user needs

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Executive Summary

The evolution of electric mobility is rapidly changing. In the EU the number of electric vehicles is expected to grow to 30-40 million by 2030, which is almost 10 times higher than the current number (2 Mio. EV in 2021). This leads to the fact that also the necessary charging infrastructure needs to grow in the same manner. These strong changes will have a significant impact on the user behaviour and user needs. In this deliverable a prediction of e-mobility evolvement, a prediction of mobility behaviour as well as the charging behaviour and charging infrastructure is performed. Based on that a forecast on new user needs is conducted.

Keywords: electric mobility, charging infrastructure, charging behaviour, user needs