



The Challenge

bpost, the Belgian postal service, is setting up an emission free city delivery network. The ambitions entail a target for the transition of their last mile van fleet to a minimum of 50% electric by 2030.

With such a wide variety of vehicles in use across a host of different usage condition the electrification of their fleet could prove challenging.

To achieve their ambition, bpost gained the independent consultancy services of PwC and Cenex to develop a comprehensive electric vehicle and infrastructure strategy and deployment plan to identify the ideal fleet mix for the future and the infrastructural solutions



The Development

Working in collaboration with PwC, Cenex (UK & NL) undertook a range of Belgium focused research activities, including low emission zones and available technologies. A complete overview of the current fleet make up and related total cost of ownership was created, enabling a cost comparison between current and electric vehicles.

Cenex then used its Fleet Advice Tool to assess the daily energy needs of the future bpost fleet mix. The calculated energy consumption information was used to assess the power and charging strategies required to optimise the number of chargepoints across the bpost depots.



The Results

PwC used the analysis from Cenex to develop a simulation model that enables bpost to continually review and assess the impacts of their decarbonisation plans.

The analysis and resulting solution provided bpost with a strategy within the budget and ambition level.