

ELECTRIC VEHICLE CHARGING.

Electric vehicle (EV) charging points allow community groups to provide a service to their local area at large. This involves implementing a charging station for EV which can be used by members of your community group or by people outside your organisation



This infrastructure provides several advantages. Firstly it provides members of the local community an additional option for charging their vehicles, potentially encouraging people to choose that mode of transport with the facility available to them. This can potentially lead to some health benefits due to the decrease in emission improving air quality. As EVs are make less noise than other cars, the installation of this could potentially lead to a decrease in noise pollution in the local area. EV's produce less CO2 emissions than combustible engine cars too (60g/km to a combustibles 130g/km)



If your group choses to take on this project, there are some factors which must be considered. The biggest one is cost, both for the installation of the charge point and for the supply of electricity used to charge, though the cost will vary depending on the charger used. The type of charger selected can impact the performance (faster chargers reduce the time it takes to fully recharge the vehicle). The position of the charge point should be considered, as the station should be easy to tell apart

from other parking options near the site. Finally, the overall carbon cost of this project type should be considered, due to the energy produced and the materials used in EV's being carbon intensive.

Links

[Essential EV Driver Information \(esb.ie\)](https://www.esb.ie)

[The Benefits of Community-Based Electric Car Charging Stations \(energy5.com\)](https://www.energy5.com)

[EV Charging Stations in Residential Areas | Benefits \(besen-group.com\)](https://www.besen-group.com)

[1517571395_CommunityOwnedElectricalVehicleChargers.pdf \(communityenergyengland.org\)](https://www.communityenergyengland.org)

[EVs & The Environment | Electric Vehicles | SEAI](https://www.seai.ie)