

A survey on charging technologies for Electric Vehicles (EVs)

AA01

We set up an online survey on **smart charging** and **vehicle-to-grid (V2G)** charging technologies for EVs. We'll give you some information on these technologies in the next pages.

Estimated survey time: 15-20 minutes.

You can click "Pause the survey" at the bottom of the page to come back to it later, or end the survey at any time.

Prize draw

AA02

There will be a prize draw for 10 x £50 Amazon gift cards (or alternative currency).

You can indicate at the end of the survey if you'd like to participate in the draw and your email address will be saved separately from your answers to ensure that your participation is **anonymous**.

The anonymised dataset might be shared with Newcastle University's collaborators supporting the analysis (e.g. countries comparison).

Let's start!



IQ17

1. How much do you know about the following charging technologies for electric vehicles (EVs)?

I know
nothing

I know a lot



Smart Charging

☐ ☐ ☐ ☐ ☐

Vehicle to grid (V2G)

☐ ☐ ☐ ☐ ☐

IQ18

2. Are you taking part in a smart charging or a V2G trial?

☐ No, I am not part of a trial.

☐ I don't know if I am part of a trial.

☐ Yes. Please provide the name of the trial or the company running the trial:

IQ19

3. Do you have any chargers installed in your home?

☐ I don't have a charger

☐ I use a 3-pin plug charging cable

☐ I have an unmanaged charger

☐ I have a smart charger

☐ I have a vehicle to grid charger



I have more than one EV charger. Please give some details:

1 Active Filter(s)

Filter IQ19/F1

If any of the following options is selected: **3, 4, 5, 6**

Then display the questionnaire page(s) **VG** (otherwise hide them)

VG03 **4. How long have you had a charger installed at home?**☐ Up to 3 months☐ 4 to 12 months☐ >1 to 2 years☐ >2 to 3 years☐ Other, please specify:☐ I don't knowVG02 **5. What is the power rating of your home charge point, in kilowatts (kW)?**☐ 3.6 kW☐ 7 kW☐ Other, please specify:☐ I don't know

IQ20

6. How did you usually travel to work prior to the Covid-19 pandemic (for example, in January 2020)?

- ☐ By my own car or a car from a car sharing pool
- ☐ By public transport (Train, bus)
- ☐ By cycling
- ☐ By walking
- ☐ Did not commute to work (e.g. because I work from home, retired)
- ☐ Other, please specify:

IQ21

7. Does your household have any of the following? (Select all that are appropriate)

- ☐ Smart energy meters
- ☐ Solar panels
- ☐ Solar water heaters
- ☐ Home Battery (e.g. Powerwall)
- ☐ Green Energy tariffs (e.g. Tesla Energy Plan)
- ☐ EV specific tariffs (e.g. EV Everywhere)

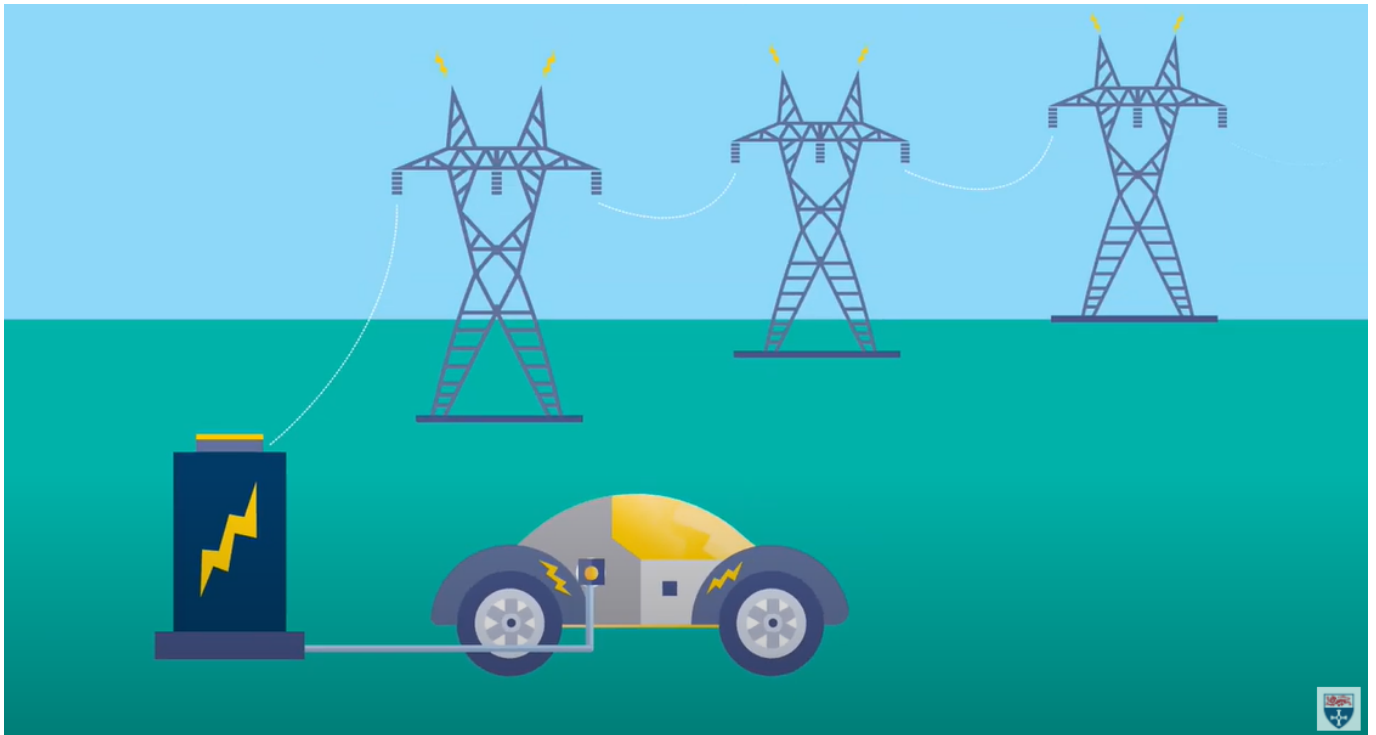
- ☐ None of the above
- ☐ I don't know

IN05

In the following pages, we are providing some **information** on charging technologies.
We will then ask you **8 questions** on these charging technologies.

IN06

Charging millions of EV batteries needs to be managed to prevent overloading the electricity grid and minimise costly upgrades, ultimately paid for by the consumers.



(Un)managed chargers?

There are two main categories of chargers:

- 1) With **unmanaged chargers**, the battery of the EV will be charged as soon as it is connected to the charging station.
- 2) **Managed chargers** such as **smart chargers** and **vehicle to grid (V2G) chargers** connect an EV to the grid using a charging device which includes a data connection.

These managed chargers may help manage electricity demand across a green electricity system and reduce costs for the consumer.

More on **smart chargers** and **V2G chargers** next.



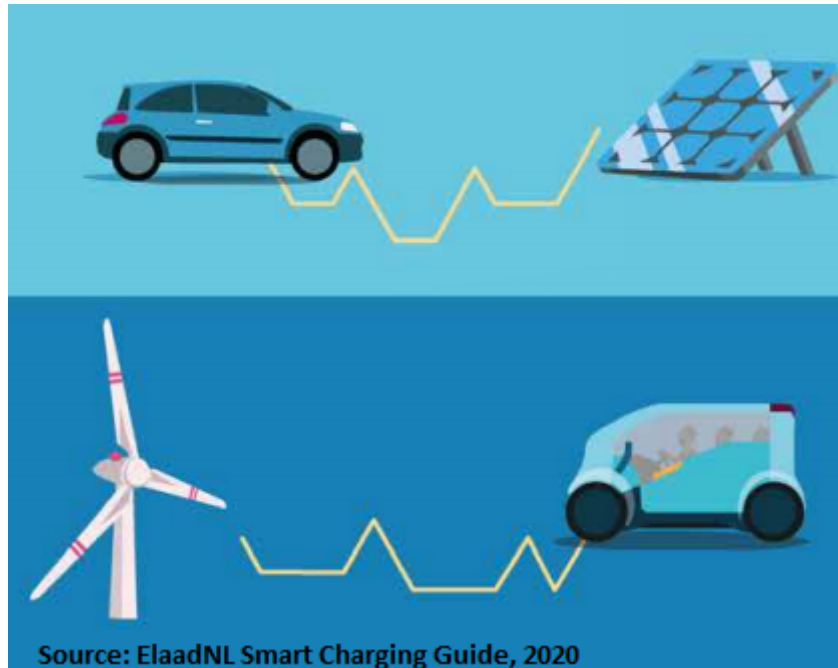
Managed Charging Devices
OVO/Kaluza-Indra charger (Top)
Octopus EV- Wallbox charger (Bottom)

What's a Smart Charger?

Smart chargers can manage the **time of charging** and the **speed of charging** (i.e. power rate).

For example, charging can start a couple of hours after the EV is plugged and it doesn't need to happen at full power.

Smart charging can minimise grid congestion by avoiding charging at peak times (7-9am and 4-7pm in the UK) and/or make use of excess electricity generated by solar panels or grid electricity imported during cheaper periods.

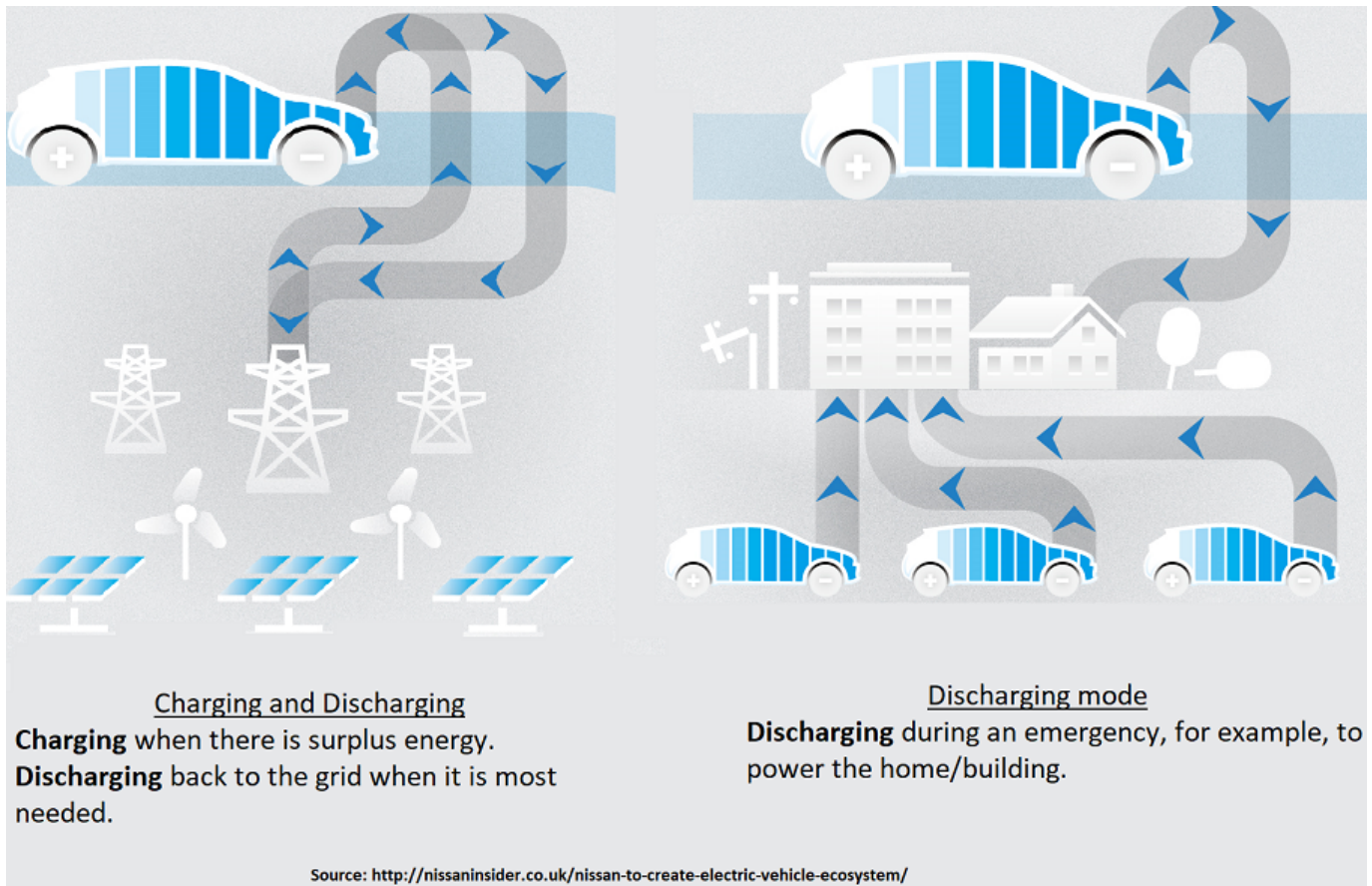


IN03

What's a V2G charger?

A **vehicle-to-grid (V2G)** charger is similar to a smart charger in that it can also manage the **time** and **speed** at which charging takes place.

In addition, a V2G charger allows **switching the direction of charging** by allowing EVs to sell energy back to the grid when it is most needed, or most expensive, such as at times of peak demand.



IN02

The user is in control

Both smart chargers and V2G ensure that the vehicle is charged to meet driving requirements which the user can set, usually through a customer App. A screenshot from an example App is shown below.



IN04

At this point we like to know if we provided enough information on charging technologies.

What can be managed with a smart charger? (Select all that are appropriate)

- ☐ Time of charging
- ☐ Power rate (i.e. speed of charging)
- ☐ Direction of charging

☐ I don't know

GI01 **To what extent do you agree or disagree with each of the following statements?**

To answer these questions if you don't have an EV, imagine that you'll have one in the future.

I don't need to receive a financial reward for my contribution to a stable electricity network.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

I am comfortable starting a regular trip with 70% charge on my EV battery.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

I am concerned about third parties managing my EV charging, even if my car is always ready to go when I need it.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

In case of an emergency, I allow an operator to stop my charger for up to 1 hour to prevent serious electric grid issues. I always retain the ability to override the command.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

A financial reward makes it more attractive for me to make my EV available for charge management.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

I would pay an extra cost to be able to charge my EV regularly at peak times (7-9am and 4-7pm).

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

GC02 

How important are the following statements to you?

Having a guarantee that my EV's battery will never fall below a specified charge level.

Not at all important (0)	1	2	3	Very important (4)
--------------------------	---	---	---	--------------------

I don't know

Having full control as to when charging happens.

Not at all important (0)	1	2	3	Very important (4)
--------------------------	---	---	---	--------------------

I don't know

Having a guarantee that my EV will be charged by a specified time.

Not at all important (0)	1	2	3	Very important (4)
--------------------------	---	---	---	--------------------

I don't know

Having full control over the charge level of my EV's battery.

Not at all important (0)	1	2	3	Very important (4)
--------------------------	---	---	---	--------------------

I don't know

Please tick option "I don't know" such that we know that you read this text.

Not at all important (0)	1	2	3	Very important (4)
--------------------------	---	---	---	--------------------

I don't know

Having minimal engagement with the charging process (e.g. I set my preferences once and I don't have to interact with the system after that).

Not at all important (0)	1	2	3	Very important (4)
--------------------------	---	---	---	--------------------

I don't know

Adopting new technology as soon as it becomes available.

Not at all important (0)	1	2	3	Very important (4)
--------------------------	---	---	---	--------------------

I don't know

IN08

The following section is specific to V2G chargers.

Compared to a smart charger, what is **unique** about a **V2G charger**?

- ☐ It allows bidirectional power transfer (i.e. charging and discharging of the EV battery).
- ☐ It allows managing the time of charging.
- ☐ It allows managing the speed (i.e. power rate) of charging.

☐ I don't know

AT01

To what extent do you agree with each of the following statements describing your attitudes towards vehicle-to-grid (V2G)?

V2G is as reliable as other charging technologies.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

Charging my EV with V2G would be cheaper compared with unmanaged charging.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

I believe using V2G is very easy.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

I would be prepared to pay more for a V2G charger than for a smart charger.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

I believe V2G can extend the EV battery life.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

CN01 

To what extent do you agree with each of the following statements describing your potential concerns about vehicle-to-grid (V2G) technology?

"With V2G"...

I fear the battery is not sufficiently charged when I want to start a trip.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

I'm afraid the battery life could be shortened by the frequent charging and discharging.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

I would need to adapt my driving patterns.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

IC01 

How important are the following statements to you when assessing if you would use your electric vehicle (EV) for vehicle-to-grid (V2G).

V2G contributes to a stable electricity network for all.

Not at all important (0)	1	2	3	Very important (4)	<i>I don't know</i>
--------------------------	---	---	---	--------------------	---------------------

V2G helps me integrate my EV with my solar PV system.

Not at all important (0)	1	2	3	Very important (4)	<i>I don't know</i>
--------------------------	---	---	---	--------------------	---------------------

Please tick option "Very important" such that we know that you read this text.

Not at all important (0)	1	2	3	Very important (4)	<i>I don't know</i>
--------------------------	---	---	---	--------------------	---------------------

V2G allows me to use my EV for back-up power for my home.

Not at all important (0)	1	2	3	Very important (4)	<i>I don't know</i>
--------------------------	---	---	---	--------------------	---------------------

V2G helps reduce my carbon emissions.

Not at all important (0)	1	2	3	Very important (4)	<i>I don't know</i>
--------------------------	---	---	---	--------------------	---------------------

IC03 

I would use my car for V2G if I receive energy bill savings of:

5% energy bill savings

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

10% energy bill savings

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

No energy bill savings

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
-------------------	----------	---------	-------	----------------	---------------------

FI01

Below are different options for charging an electric vehicle.

Please indicate for each option whether you would use it or not.

V2G charging Manage the rate, time and direction of charging.

I would definitely not use it				I would definitely use it	<i>I don't know</i>
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Smart charging Manage the rate and time of charging.

I would definitely not use it				I would definitely use it	<i>I don't know</i>
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Unmanaged charging The battery of your electric vehicle will be charged as soon as you connect your car to the electricity grid.

I would definitely not use it				I would definitely use it	<i>I don't know</i>
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FI02

What do you think are the most attractive features of V2G that would make you want to use it?

FI03

What do you think are possible barriers that would prevent you from using V2G?

Some information about you

PI11

We ask these questions as they might help us identify trends about various demographic groups.

8. In which country do you live?

PI12

☐ United Kingdom☐ Germany☐ Netherlands☐ Denmark☐ United States☐ Canada☐ Australia☐ Other, please specify:☐ Prefer not to answer

9. Can you indicate your county, province, or state?

PI13

☐ Prefer not to answer

10. How would you describe your residential location?

PI14

☐ Urban☐ Rural☐ Other, please specify:

11. How old are you?

PI15

 ▼

12. What is your gender?

PI16

 ▼

PI18

13. What is your total household income per year before deductions for income tax, National Insurance, etc.?

[Please choose] ▼

PI17

14. What is your highest educational qualification?

[Please choose] ▼

PI19

15. How many licensed drivers are there in your household? (including yourself)

[Please choose] ▼

PI20

16. How many cars do you use in your household?

This can include vehicles that you have access to but do not own.

☐ 1

☐ 2

☐ 3

☐ Other, please specify:

☐ I don't currently have access to a car

3 Active Filter(s)

Filter PI20/F1

If any of the following options is selected: **1**

Then hide the questionnaire page(s) **V2Q-V3EV** (otherwise display them)

Filter PI20/F2

If any of the following options is selected: **-1**

Then jump to page **%page%** after the next button was clicked

Filter PI20/F3

If any of the following options is selected: **2**

Then hide the questionnaire page(s) **V3Q-V3EV** (otherwise display them)

V101

Almost Done!

We'll ask some last few questions on the vehicles you drive. Then there is an optional section about data privacy.

If you indicated that you have more than one vehicle, you'll get the option to include information on some or all of your vehicles.

V107

17. What is the ownership type of this vehicle?

- ☐ Owned
- ☐ On lease
- ☐ Company car
- ☐ Other, please specify:

V108

18. What is the Brand, Model and Year of registration of this vehicle?

(Example: Nissan LEAF 2020; Nissan Qashqai 2019)

- | | | |
|-------|----------------------|-----------------------------------------------|
| Brand | <input type="text"/> | <input type="checkbox"/> Prefer not to answer |
| Model | <input type="text"/> | <input type="checkbox"/> Prefer not to answer |
| Year | <input type="text"/> | <input type="checkbox"/> Prefer not to answer |

V109

19. For how long have you been using this vehicle?

- ☐ Up to 3 months
- ☐ 4 to 12 months
- ☐ 1+ to 2 years
- ☐ 2+ to 4 years
- ☐ 4+ to 6 years
- ☐ Other, please indicate:

V110

20. How frequently did you use this vehicle, pre-Covid lockdown?

- ☐ Daily
- ☐ Several times a week
- ☐ Few times a month
- ☐ Less than once a month
- ☐ I don't know

21. Where do you mostly park this vehicle overnight?**V111**

- ☐ Residential off-street parking (driveway or garage)
- ☐ Residential on-street parking (e.g. kerbside)
- ☐ Public car park
- ☐ At work
- ☐ Other, please indicate:

22. What was your annual mileage in the past year, pre-Covid?**V112**

Info recorded on MOT or provided to insurance provider.

(or mileage so far if you had the vehicle for less than a year)

Annual Mileage

V116

- ☐ Miles (mi)
- ☐ Kilometres (Km)

- ☐ I don't know

23. What's the type of your vehicle?**V106**

- ☐ Internal combustion engine vehicle (ICE)
- ☐ Hybrid electric vehicle (HEV)
- ☐ Plug-in Hybrid Electric vehicle (PHEV)
- ☐ Battery electric vehicle (BEV)
- ☐ I don't know

1 Active Filter(s)**Filter V106/F1**If any of the following options is selected: **3, 4**Then display the questionnaire page(s) **V1EV** (otherwise hide them)

V113

24. Where do you mostly charge this electric vehicle?

- ☐ At home, using a private charger (e.g. installed on a driveway or garage)
- ☐ At home, using a public charger (e.g. installed at kerbside, or in car park)
- ☐ At work
- ☐ At home and at work
- ☐ In public parking spaces (e.g. shopping centres, supermarkets, etc.)
- ☐ At filling stations or hubs of fast chargers (e.g. 50kW)
- ☐ Other, please indicate:

V114

25. How often do you plug this EV to the charger?

- ☐ Almost after every trip when there is a charger available
- ☐ Once a day (e.g. at home or at work)
- ☐ Twice a day (e.g. at home and at work)
- ☐ I don't plug my EV every day (e.g. I charge it 2-3 times a week)
- ☐ I don't know

V115

26. What is the capacity of the EV battery (i.e. traction battery)?

For example, 30kWh

 kWh ☐ I don't know

V202

Would you like to enter the details of your second vehicle?

It would be useful for our work to get the details for all vehicles that you use in your household.

- ☐ Yes
- ☐ No, I'm done!

2 Active Filter(s)**Filter V202/F1**If any of the following options is selected: **1**Then display the questionnaire page(s) **V2** (otherwise hide them)**Filter V202/F2**If any of the following options is selected: **2**Then jump to page **%page%** after the next button was clicked

V205

27. What is the ownership type of this vehicle?

- ☐ Owned
- ☐ On lease
- ☐ Company car
- ☐ Other, please specify:

V206

28. What is the Brand, Model and Year of registration of this vehicle?

(Example: Nissan LEAF 2020; Nissan Qashqai 2019)

Brand ☐ Prefer not to answerModel ☐ Prefer not to answerYear ☐ Prefer not to answer

V207

29. For how long have you been using this vehicle?

- ☐ Up to 3 months
- ☐ 4 to 12 months
- ☐ 1+ to 2 years
- ☐ 2+ to 4 years
- ☐ 4+ to 6 years
- ☐ Other, please indicate:

V208

30. How frequently did you use this vehicle, pre-Covid lockdown?

- ☐ Daily
- ☐ Several times a week
- ☐ Few times a month
- ☐ Less than once a month
- ☐ I don't know

V209

31. Where do you mostly park this vehicle overnight?

- ☐ Residential off-street parking (driveway or garage)
- ☐ Residential on-street parking (e.g. kerbside)
- ☐ Public car park
- ☐ At work
- ☐ Other, please indicate:

V210**32. What was your annual mileage in the past year, pre-Covid? (Miles or Kilometres)**

Info recorded on MOT or provided to insurance provider. (or mileage so far if you had the vehicle for less than a year)

Annual Mileage

V214

- ☐ Miles (mi)
- ☐ Kilometres (Km)

☐ I don't know

V204**33. What's the type of your vehicle?**

- ☐ Internal combustion engine vehicle (ICE)
- ☐ Hybrid electric vehicle (HEV)
- ☐ Plug-in Hybrid Electric vehicle (PHEV)
- ☐ Battery electric vehicle (BEV)
- ☐ I don't know

1 Active Filter(s)**Filter V204/F1**

If any of the following options is selected: **3, 4**

Then display the questionnaire page(s) **V2EV** (otherwise hide them)

V211 **34. Where do you mostly charge this electric vehicle?**

- ☐ At home, using a private charger (e.g. installed on a driveway or garage)
- ☐ At home, using a public charger (e.g. installed at kerbside, or in car park)
- ☐ At work
- ☐ At home and at work
- ☐ In public parking spaces (e.g. shopping centres, supermarkets, etc.)
- ☐ At filling stations or hubs of fast chargers (e.g. 50kW)
- ☐ Other, please indicate:

V212 **35. How often do you plug this EV to the charger?**

- ☐ Almost after every trip when there is a charger available
- ☐ Once a day (e.g. at home or at work)
- ☐ Twice a day (e.g. at home and at work)
- ☐ I don't plug my EV every day (e.g. I charge it 2-3 times a week)
- ☐ I don't know

V213 **36. What is the capacity of the EV battery (i.e. traction battery)?**

For example, 30kWh

 kWh ☐ I don't knowV309 **Would you like to enter the details of your third vehicle?**

It would be useful for our work to get the details for all vehicles that you use in your household.

- ☐ Yes
- ☐ No, I'm done!

2 Active Filter(s)**Filter V309/F1**If any of the following options is selected: **2**Then jump to page **%page%** after the next button was clicked**Filter V309/F2**If any of the following options is selected: **1**Then display the questionnaire page(s) **V3** (otherwise hide them)

V301

37. What is the ownership type of this vehicle?

- ☐ Owned
- ☐ On lease
- ☐ Company car
- ☐ Other, please specify:

V303

38. What is the Brand, Model and Year of registration of this vehicle?

(Example: Nissan LEAF 2020; Nissan Qashqai 2019)

Brand ☐ Prefer not to answerModel ☐ Prefer not to answerYear ☐ Prefer not to answer

V304

39. For how long have you been using this vehicle?

- ☐ Up to 3 months
- ☐ 4 to 12 months
- ☐ 1+ to 2 years
- ☐ 2+ to 4 years
- ☐ 4+ to 6 years
- ☐ Other, please indicate:

V305

40. How frequently did you use this vehicle, pre-Covid lockdown?

- ☐ Daily
- ☐ Several times a week
- ☐ Few times a month
- ☐ Less than once a month
- ☐ I don't know

V306

41. Where do you mostly park this vehicle overnight?


- ☐ Residential off-street parking (driveway or garage)
- ☐ Residential on-street parking (e.g. kerbside)
- ☐ Public car park
- ☐ At work
- ☐ Other, please indicate:

42. What was your annual mileage in the past year, pre-Covid?**V307**

Info recorded on MOT or provided to insurance provider.


(or mileage so far if you had the vehicle for less than a year)

Annual Mileage

V315 


- ☐ Miles (mi)
- ☐ Kilometres (Km)

☐ I don't know


43. What's the type of your vehicle?**V302** 

- ☐ Internal combustion engine vehicle (ICE)
- ☐ Hybrid electric vehicle (HEV)
- ☐ Plug-in Hybrid Electric vehicle (PHEV)
- ☐ Battery electric vehicle (BEV)
- ☐ I don't know


1 Active Filter(s)**Filter V302/F1**If any of the following options is selected: **3, 4**Then display the questionnaire page(s) **V3EV** (otherwise hide them)

V312 **44. Where do you mostly charge this electric vehicle?**

- ☐ At home, using a private charger (e.g. installed on a driveway or garage)
- ☐ At home, using a public charger (e.g. installed at kerbside, or in car park)
- ☐ At work
- ☐ At home and at work
- ☐ In public parking spaces (e.g. shopping centres, supermarkets, etc.)
- ☐ At filling stations or hubs of fast chargers (e.g. 50kW)
- ☐ Other, please indicate:

V313 **45. How often do you plug this EV to the charger?**

- ☐ Almost after every trip when there is a charger available
- ☐ Once a day (e.g. at home or at work)
- ☐ Twice a day (e.g. at home and at work)
- ☐ I don't plug my EV every day (e.g. I charge it 2-3 times a week)
- ☐ I don't know

V314 **46. What is the capacity of the EV battery (i.e. traction battery)?**


For example, 30kWh

 kWh ☐ I don't know

Optional section on personal information**EQ03**

We would like to understand your privacy requirements over your data.

This is an optional section with **5 questions** that should take 5 to 10 minutes to complete.

Would you like to continue?**EQ02** 

- ☐ Yes
- ☐ No

2 Active Filter(s)**Filter EQ02/F1**


If any of the following options is selected: **1**

Then display the questionnaire page(s) **SA** (otherwise hide them)

Filter EQ02/F2


If any of the following options is selected: **2**

Then jump to page **%page%** after the next button was clicked


EQ06 **I consciously disable my smartphone's location service.**

- ☐ Always
- ☐ Frequently
- ☐ Sometimes
- ☐ Rarely
- ☐ Never
- ☐ I'm not sure

-
- ☐ I don't have a smartphone

EQ07 **Do you have a smart thermostat installed in your home?**

- ☐ Yes
- ☐ No
- ☐ I don't know

EQ08 **Do you have a smart home personal assistant installed in your home?**

For example, Amazon Echo or Apple HomePod

- ☐ Yes
- ☐ No
- ☐ I don't know

EQ09

In the following you will see different personal information that you could provide to your vehicle-to-grid (V2G) provider and their business partners to improve service quality.

Please indicate for each information whether you are willing to share the information with the V2G provider, with the V2G provider and their business partners, or to none of them.

	V2G provider	V2G provider and business partners	Not willing to provide this information
Expected time of departure/arrival	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Charging locations (e.g. home, work, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
State of charge of the EV battery	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Real-time location information of your vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Daily mileage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Real-time location information of your mobile phone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

EQ10

To what extent do you agree with each of the following statements?

The exchange of personal information online is essential for the functioning of society.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
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I consent to share my personal information via the internet in return of a personalised service.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
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I consent to share my personal information via the internet if I have better control over what data is shared, with whom and how it is used.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
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As a result of using V2G I feel that information about me is out there that could invade my privacy.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
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Please tick option "Strongly disagree" such that we know that you read this text.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
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I consent to share my personal information via the internet in return of a financial reward.

Strongly disagree	Disagree	Neither	Agree	Strongly agree	<i>I don't know</i>
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L001

Prize draw

To avoid collecting personal data, the email address is saved separately from the answers of this survey. Your interview will continue to be anonymous and your email address will not be passed on to third parties.

☐ I would like to provide my email address to enter the prize draw.

Done! We appreciate the time you've taken to answer this survey.

Your contribution will help shape future EV charging technologies.

The study results are expected to be published by the end of 2021.

For more information about the latest smart charging work, check our [Supergen Smart Charging Webinar Series](#)

[Contact Information](#)