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Electric vehicles' enhanced performance and
integration into the transport system and the grid



electrific

Enabling seamless electromobility through smart vehicle-grid integration

Project N° 713864

ADAS - data protection declaration – Unofficial translation

Data protection for the Electrific ADAS Application – Unofficial translation

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Data Protection Declaration for ELECTRIFIC ADAS APP – Unofficial translation

Application principle

The ELECTRIFIC Consortium would like to thank you for being a user of our ELECTRIFIC ADAS app. As we take the protection of your privacy very seriously we would like to provide you with detailed information on how we handle your data in our app.

This mobile application is published and administered by the ELECTRIFIC Project Consortium (Grant Agreement-713864), hereinafter named ELECTRIFIC, and is hereinafter referred to as the ELECTRIFIC ADAS app.

ELECTRIFIC consists of the following institutions:

- Agencia Décologia Urbana De Barcelona - Barcelona - Spain
- Bayernwerk AG, Regensburg - Germany
- Czech Technical University - Prag - Czech
- e-Sumava - Prag - Czech
- E-WALD GmbH, Teisnach - Germany
- Energis SA/NV - Louvain-la-Neuve - Belgium
- GFI - Heverlee - Belgium
- Has-to-be GmbH - Radstadt - Austria
- Technische Hochschule - Deggendorf - Germany
- Universität Mannheim - Mannheim - Germany
- Universität Passau - Passau - Germany

The use of the application does not require registration. The application is available for download at the GooglePlay-AppStore. The user is responsible for the appropriate access and for the compliance with the terms of use of the Google Play AppStore (<https://play.google.com/store>) itself. ELECTRIFIC offers this application only there, other reference is excluded and is forbidden to the user.

ELECTRIFIC aims at improving green mobility and therefore it includes performing tests of incentive structures to see under what conditions people choose the green route (which ultimately will combine energy-efficient routing, renewables at the time of charging and grid friendly charging), the fastest and the cheapest route. The main purpose of the ELECTRIFIC ADAS app is to support ELECTRIFIC research objectives. The goal of the ADAS app is to provide users with a tool that suggests a charging station according to various optimization criteria as selected by the user. The purpose is to ask the user for more general preferences, and, across different situations, make one suggestion that the user can accept or not.

Data collection and use

We collect data if you have given your voluntary consent to this during the installation of the application.

Which data is collected:

- Whether you are driving your own car or you are using an E-WALD fleet vehicle
 - If it's your own car, car model and connector type (but not the number plate of the vehicle)
 - If it's an E-WALD vehicle, the number plate of the vehicle
- Journey origin and destination coordinates
- GPS coordinates during the trip
- Type of journey selected (green, fast, cheap) and how much time you took for making the decision
- Whether you click on the “?” icon in any screen (help needed)
- Whether you click on “Back” button in any screen

- The state of charge of the battery before starting the trip (or equivalent in kilometres autonomy)
- If the trip is performed, the state of charge of the battery after the trip (or equivalent in kilometres autonomy)
- Your feedback about the app usage experience:
 - Star rating service experience
 - Star rating charge experience
 - Star rating vehicle experience
 - Email address for getting back to you if necessary
- The Android ID of the mobile device that launches the ADAS app
- Whether you actually charged the vehicle during the trip

Data collection is necessary to guarantee the proper function of the application and to fulfil the research goals:

- We need to know which vehicle you are driving to get some information such as connector type and battery capacity) about your charging possibilities.
- Journey origin and destination coordinates are used to calculate the route.
- GPS coordinates to provide the navigation service and analyse the used road-types.
- Depending on your decision, we provide you with the route type selected. We calculate the time needed to make the decision in order to understand user-friendliness and whether the options are self-explanatory.
- We check when and in which screen you click on the “?” icon and the “Back” button to analyse user’s difficulties in understanding the content and when navigating. This helps us improving the app.
- In order to know if a route is feasible we need to know the battery state of change at starting point. It will also serve to establish the maximum distance you can drive before charging.
- The battery state of change at destination help us to optimize our battery discharging calculation. We compare our initial estimation with the actual discharging.
- Your feedback about the app usage experience:
 - Star rating service experience
 - Star rating charge experience
 - Star rating vehicle experience
 - Email address
- From your Android ID we create a unique anonymized device identification number (hashed Android ID).
- Whether you actually charged the vehicle during the trip.
- Some project-vehicles are equipped with an OBD module and tablet, so that driving behaviour can be logged. ELECTRIFIC accesses this data collected from the vehicle (acceleration, braking, state of charge) to build driving profiles across averages of large numbers of individuals to improve for example range models and, at some point, provide more energy efficient routing suggestions. In the case the app is used in combination with such a vehicle, data will be merged to validate the research conclusions.

In the case you enter personal data as part of the feedback/comments/support ticket (email address, contact phone number, etc.) it will be collected by ELECTRIFIC with the sole purpose of contacting you back. It will be stored and managed by the ELECTRIFIC support team and delete it as soon as the ticket is solved and closed. You can withdraw your consent to the storage of this personal data at any time by sending an email to info@electrific.eu.

Data transfer

The ELECTRIFIC Consortium will not forward any stored personal data to third parties.

Duration of data use

The unique device identification number (hashed Android ID) and your email address – if provided – are collected for the only purpose of proving you with a reward (voucher) only once. When the incentive programme or the project ends, email addresses will be deleted.

The ELECTRIFIC Consortium will not use any collected anonymous (non-personal) data for any different purpose than the research objectives of the project. Specifically, anonymous GPS and driving data will not be made available outside the project at all, and will be deleted at the latest two years after the end of the project (31 August 2019). All other non-personal data will also be deleted at this time, with the exception of datasets published in scientific journals that might require divergent storage durations. In this case, deletion will occur in compliance with the journal timeline.

Contact possibilities and your rights

You have the following rights as the data subject:

- pursuant to Art. 15 GDPR, the right to demand information about the personal data we process to the extent described therein;
- pursuant to Art. 16 GDPR, the right to demand the rectification of incorrect or to demand the completion of the personal data we have saved;
- pursuant to Art. 17 GDPR, the right to demand the erasure of the personal data we have saved, provided its further processing is not necessary
 - for exercising the right of freedom of expression and information;
 - for compliance with a legal obligation;
 - for reasons of public interest, or
 - for the establishment, exercise or defence of legal claims;
- pursuant to Art. 18 GDPR; the right to demand the restriction of the processing of your personal data if
 - you contest the accuracy of the personal data;
 - the processing is unlawful, but you oppose the erasure of the personal data;
 - we no longer need the data for the purposes of the processing, but they are required by you for the establishment, exercise or defence of legal claims, or
 - you have objected to processing pursuant to Article 21 GDPR;
- pursuant to Art. 20 GDPR, the right to receive the personal data which you have provided to us, in a structured, commonly used and machine-readable format, or to demand that the data be transmitted to another controller;
- pursuant to Art. 21 GDPR, the right to object at any time to processing of personal data concerning him or her which is based on point (e) or (f) of Article 6 GDPR, including profiling based on those provisions.
- pursuant to Art. 77 GDPR, the right to lodge a complaint with a supervisory authority. You can usually contact the supervisory authority at your habitual residence or place of work or our company domicile.

If you have any questions on the collection, processing or use of your personal data, on access to, rectification, blocking or erasure of data as well as the withdrawal of any given consent or objection to a specific use of the data, please contact our data protection officer:

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Hyperlinks, Services, Analytics and Cookies

The application may contain hyperlinks on third party websites. ELECTRIFIC does not assume any responsibility for the contents of these web pages, nor does ELECTRIFIC endorse these websites and their contents, since ELECTRIFIC does not control the linked

information and for the content and information provided there, ELECTRIFIC also is not responsible. Their use is at the user's own risk.

You can uninstall the application at any time by using the device management if you no longer want to use it. Please note that in this case a full reinstall is required if you want to use the app again. Access to the previous data is not possible because there is no personalized link.

The ELECTRIFIC app does not use cookies.

This app uses Google Play services that are used to update Google and Google Play apps, as well as Firebase analytics. These services are designed to update apps, send crash reports, and analyze app usage. Both services are provided directly by Google Inc. The information generated by the tracking code about the use of this app is usually transferred to a Google server in the USA and stored there. On our behalf, Google will use this information to evaluate the use of the app, to compile reports about the app's activities, and to provide additional services related to app usage and internet usage to us as an app operator. The IP address submitted by the device within the scope of Google Play and Firebase is not merged with other data from Google. The user can revoke this declaration of consent at any time, which ends the right to use the app.