



THE ASSOCIATION  
FOR RENEWABLE ENERGY  
& CLEAN TECHNOLOGY

## EV Forum – Full Member Meeting

*24 February 2021*

*10:00am to 12:30pm*

**24<sup>th</sup> February  
2021**



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# Competition Law Disclaimer

**Members are advised to not share market-sensitive information in line with Competition Act.**



# AGENDA 1/2

## 10:00am meeting start

- Welcomes and introduction – REA staff and EV Forum Chair (10 minutes)
- Sophie Adams, Head of Consumer Experience at OZEV - update on the Consumer Experience of Public EV Charging Consultation (30 minutes)
- Catherine Marris, Innovation lead at Motability – update on disability and EV charging (5 minutes)
- Aaron Berry, Deputy Head at OZEV - update on the Rapid Charging Fund and grants (15 minutes)
- REA updates, discussion, and positioning on grant and support schemes (30 minutes)
- Evie Trolove, Innovation Project Lead at UKPN – update on streamlining home EV charging installation processes (10 minutes)



# AGENDA 2/2

- EV Energy Taskforce update (REA) (15 minutes)
- Updates from the appointed REA member leads to the 4 working groups of the Taskforce
- APPG on Electric Vehicles update (5 minutes)
- REA EV Forum Steering Group update (5 minutes)
- Update on REA Strategy (5 minutes)

**12:30pm meeting close**



Welcome  
to new  
REA EV  
Forum  
members



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Caburn Group



# Update on the Consumer Experience consultation

**Briefing and discussion with Sophie Adams, Head of Consumer Experience at Office for Zero Emission Vehicles on the Consumer Experience of Public EV Charging Consultation**



# Update on the disability driving

Short update from Catherine Marris, Innovation Lead at Motability on disability access to public charging infrastructure



# Updates on grants and infrastructure spending

**Updates from Aaron Berry, Deputy Head of the Office for Zero Emission Vehicles on the Grants and the Spending Review.**

EVHS, WCS, Taxi Grants, ORCS, Local Authority Fund, Rapid Charging Fund





# Consumer Experience Consultation– General Discussion

**REA is asking for your early views on the consultation, specifically:**

- Is it generally agreed that public rapid chargers should offer payment not requiring a mobile or fixed internet connection (payment technology could include contactless card terminal or a text/phone solution)?
- Do members still support Roaming Option 4, whereas CPOs need to do business with accredited/approved eMSPs (who would need to meet a baseline level of criteria)?
- Are members in favour of making 'open' basic static data and dynamic price data via OCPI?
- Do members have comment on the 99% reliability target and/or the proposal for chargers to have 24/7 customer help lines?

**Comments welcome.**



# Discussion on grants and infrastructure spending

Do members have questions or comments on:

- The EV Homecharge Scheme (&V3.2 of the installer form),
- Workplace Charging Scheme,
- Taxi Grants,
- OnStreet Residential Charging Scheme,
- £90m Local Authority Fund,
- Rapid Charging Fund?

Key issues for members to weigh in on:

- Should EVHS process be significantly changed with digitisation?
- Should Local Authority Fund be primarily targeted at connection works?



# Rapid Charging Fund

Fund was 'up to £500', now £950m following Spending Review.

REA Published a [blog](#) and letter to Government in June, and lobbied for the initial funding for the Spring Budget 2020. Now the debate is on how this is administered – grants or independent development authority who can coordinate upgrades and be off-taker of most new capacity?

REA now secured 15 signatories to the letter – get in touch if of interest.

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# General Policy Update – EVHS

In our regular meetings with OZEV and in our 2020 Spending Review submission to Government ([link here](#)) the REA and members highlighted that we would like to see changes made to the EV Homecharge Scheme (EVHS) to allow for home chargers supported by the grant to be more easily incorporated into 'bundled' products and for individuals leasing vehicles to more easily be able to access the grant.

The REA is pleased to confirm that these requests have been reflected in the new EVHS guidance as of 28/01/21:

- **Vehicle leases** – Customer who have a rolling month on month lease are now eligible. However, they must have had the lease for six months before they can apply for a grant
- **Chargepoints bundled in with a lease agreement** are now eligible, providing they meet the criteria set out in the guidance.

Updated guidance has also been issued in relation to VAT, moving home, eligible properties, and employee letters.



# General Policy Update – Smart Charging

## Smart Charging legislation to be laid this summer:

- The Government is NOT going to formally link the draft PAS1878 and 1879 standards to the smart charging legislation.
- Legislation will be simpler requiring chargers to have a customer interface (to be defined) and to be able to 'send and receive load control signals'.
- 'Private' chargers will cover home and commercial workplaces with depots and destination chargers being excluded.
- CPO interoperability, as proposed in the 2019 consultation, will also likely NOT be included at this stage in the legislation although being able to switch a Demand Side Response Service Provider (DSRSP) will in the future be expected.
- The legislation MAY include a provision which says energy suppliers should be unable to lock in customers through hardware (akin to issues with SMETS1 smart meters).

## REA analysis



# General Policy Update – Labelling

EU Alternative Fuels Infrastructure Directive required public chargers to adhere to labelling as laid out by the European Committee for Standardisation produced EN 17186:2019 which harmonises labels ([link here](#)).

Highly prescriptive approach in Germany, other countries introduced reference to EN 17186.

**We are pleased to confirm** that OLEZ did not include the labelling requirement for chargepoints in UK regulation and *"have no current plans to include a similar labelling requirement."*



# General Policy Update – third-party product standards

OZEV has appointed a full-time member of staff to investigate the potential introduction of third-party product standards for private chargers.

Follows concerns that equipment certified under the EVHS is not being checked after initial approval.

OZEV considering a Publicly Available Standard (PAS) that could have spot-checks and audits of equipment for manufacturers – risk that this will impose an ongoing regulatory cost but opportunity is a higher baseline for equipment.



# Third-party charging reports

## **Policy Exchange:**

- Government to provide 'Contracts for Difference' auction for rural / market failure in public charging provision
- Fund local authorities & ensure internal expertise
- Ensure interoperability/roaming
- Potential government price cap to reduce chance of local monopolies

## **Bright Blue:**

- Interoperability of public infrastructure key
- Demand-led on-street rollout
- Minimum MSA rapid charge point coverage

## **Transport & Environment:**

- To be released

REA interviewed for all three reports and had two authors on our training courses.





# Wayleaves briefing – this week for review

REA briefing on wayleaves reform forthcoming.

Please pass along to your technical teams for case study inclusion.

REA has connected BEIS Net Zero Electricity Networks Team to three legal / property members to discuss the issue.

They are 'blue sky' thinking on this and even exploring code rights / enhanced statutory powers for DNOs.



# REA Positioning on Local Authorities

## Summary of positions on local authorities:

- Standardised tenders key, LA's should be using forthcoming Crown Commercial Service procurement framework
- Greater resourcing needed internally for LA's to be releasing detailed transport decarbonisation strategies which then inform tenders
- Alternatively, more third-party support for LA officers who are in charge of running tenders, e.g. through EST
- LA's have overly high expectations of revenues from charging and this needs to be played down – 'charging as a social good'
- More clear direction from central Government needed for LA's
- More internal expertise, not targets
- OZEV commissioned IET to produce technical guidance for LA's

*Some of this will be outlined in the REA's paper for EV Energy Taskforce in more detail.*



# UK Power Networks – home charging update

**Evie Trolove, Innovation Project Lead at UKPN – update on streamlining home EV charging installation processes (10 minutes)**

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# REA Paper for EVET & BEIS EV Infrastructure Strategy

REA has been commissioned to by the Chair of the EV Energy Taskforce to produce a briefing paper on business models and barriers to finance for public charging infrastructure.

REA working with other Trade Associations and members to produce it, along with Roy Williamson (formerly of BP and now an independent advisor).

Paper to directly feed into the BEIS EV Infrastructure Strategy – Government keenly awaiting.

REA may contact a selection of members for a workshop – drop us a note if interested.

**MACRO:** *this is part of a wider OZEV pivot from 'passive grants administrator' to 'active market barrier buster'.*



# EV Energy Taskforce

EV Energy Taskforce – four workstreams that REA has assigned member leads on:

- WG1: Coordination of infrastructure roll out (Pivot Power and Fastned)
- WG2: Consumer communications and issues-handling (ChargePoint, Alfa Power)
- WG3: Cyber security and smart charging (Enel X and Plugin Power)
- WG4: Data access and privacy (Osprey)

At a high level, a step change from automotive manufacturers is forcing reform of working. EV Energy Taskforce now moving towards a model where we respond closely to Government needs – e.g. the REA business models and finance paper.



# Charge Point Professional

**We have now run a series of DIRECTORS, ECOSYSTEM, and OPERATIONS courses.**

Next dates:

- ECOSYSTEM on 25<sup>th</sup> March
- ECOSYSTEM on 5<sup>th</sup> May
- OPERATIONS on 6<sup>th</sup> and 7<sup>th</sup> May

*26 member of DfT, BEIS, and OZEV staff have now taken the courses.*



# REA EV Forum Steering Group

## REA EV Forum Steering Group is up for re-election.

- SG plays a key role in forum governance – time commitment is not very onerous.
- REA moving increasingly to a 'member lead' model to support policy analysts.
- 8 nominations received for SG V2 so far.
- Previous SG included: Osprey, Cenex, Drivenenergy, National Grid, Octopus EV, Alfen, Enel X, ABB, others

*Thank you to everyone who has made REA EV Forum such a success! Up past 85 members now.*



# APPG on Electric Vehicles Update

*REA hosts the secretariat for the APPG on Electric Vehicles.*

Key updates:

- REA has regular briefings with Matt Western MP, Chair of the APPG on policy and regulatory issues
- Matt happy to raise specific issues if members wish to reach out directly
- Two events in the pipeline, including on the Consumer Experience consultation and the forthcoming green paper on automotive fleet CO2 emissions
- REA ringfencing APPG events to parliamentarians and staff.





# REA Strategy and Business Planning

## REA's cross-association strategy is now complete!

Public-facing outcomes to be circulated.

Key messages at a top level:

- *'By 2035, renewable fuels and electricity are the majority source of energy used in the transport sector'*
- *EV charging crucial for mass deployment of vehicles – long-term business models needed along with interoperability and local authority internal development*
- *Multiple forms of decarbonisation must be pursued, not just in cars and vans but across HGVs, marine, aviation, and rail*





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# Thank you for your time

*For more information, email [dbrown@r-e-a.net](mailto:dbrown@r-e-a.net)*

**www.r-e-a.net**

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