

EVUE/FREVUE London partner meeting

Wednesday 2 July 2014

Present:

Lisa Hadden (LH) - CRP	Alison Lawrence (AL) - CRP
Charlotte Knell (CK) - CRP	Susannah Wilks (SW) - CRP
Rebecca Goldberg (RG) - Arup	Celine Cluzel (CC) - Element Energy
Yanjie Dong (YD) - Imperial	Martin Rose (MR) - TfL
Tobi Babalola (TB) - UKPN	Peter Harris (PH) - UPS
Luke Wake (LW) – UPS, joined via telephone	Christel Quellenec-Reid (CQR) - WCC
Alex Crush (AC) - WCC	Michael Browne (MB) - University of Westminster
Jessica Wiles (JW) - Camden	

Apologies:

Matthew Noon (MN) - CRP

1. Coordinator Update

- LH gave an overview of FREVUE project
- LH gave an update on feedback received from the EC meeting and end of period reporting. Overall this was positive although the EC have requested more in depth and further technical information. They would also like Gantt charts submitted to show progress of the project.
- A revised progress report will be submitted at the end of the interim reporting period and updated templates will be circulated over the next few weeks. LH will be in touch with individual partners.

Stakeholder Forum

- The Stakeholder Forum, jointly organised between FREVUE, Green eMotion and ZeEUS, recently took place in Brussels. This was well received overall and saw an increase in participants from last year. The next meeting will take place in February 2015 to coincide with the end of the Green eMotion project and any ideas for themes or presentations would be welcome. The six main themes explored at this years forum were:
 - Make it fit – Standards for electromobility solutions
 - Powering E-Mobility – Challenges and Opportunities
 - Environment and Health – e-mobilities raison d'être?
 - Developing new business models for electromobility
 - Innovative solutions for the implementation of electromobility in Europe
 - Performance indicators and testing methodologies for EVs

2. Partner Progress

Arup

- **Clipper** – Although vehicle is in place, there are still some ongoing issues with the contract but hopeful this will all be resolved by September.
- **Gnewt** – As the business case for the proposed 12T EV did not work out Arup are waiting on approval from the EC to change to the purchase of smaller 3T vehicles instead. Once approval has been received there will be an approximate 3 month lead in time before the vehicles will

be operational.

- **TNT** - Arup are looking at purchasing data from TNT who operate heavy vehicles in London.
- **Consolidation Centre activity** – Arup have been working with UCL to find a consolidation centre for the construction site. This is in progress. They are still working with Barts, Land Securities and Bond Street to develop a business case.
- **IT Platform** – This has been delayed due to a staff change at Atos but hopeful there will be progress made by the end of September when they hope to have a demo platform ready.

UPS

- PH gave an overview of the EVs currently deployed by UPS within Europe.
 - 4 in Rotterdam (part-funded though FREVUE)
 - 6 in Amsterdam (no FREVUE funding)
 - 23 in Germany (no FREVUE funding)
 - 18 existing Modec vehicles currently operating in London (no FREVUE funding)
 - 16 further vehicles were planned for London (part-funded though FREVUE).
- There have been ongoing internal discussions regarding the substation upgrade needed for the additional 16 EVs and whether this investment in the infrastructure should be increased to be able to accommodate further expansion of EV fleet.
- The upgrade is likely to take 6-9 months. 10 EVs are ready and will be alternated with the existing Modecs to ensure batteries do not deteriorate. A further 10 are also ready to be retro-fitted.
- Data from 20 approved vehicles will be available for the FREVUE project. Data from any additional vehicles as a result of the upgrade will also be available if operational during the lifetime of the project.
- LH asked for a Gantt chart to detail the progress that has been made so far and will provide a template. LH
- A case study could be provided with lessons learnt. CK mentioned that this could potentially be paid for and incorporated into the LaMiLo project, so she will investigate further. CK
- UPS will be organising a press release once the substation work is complete and the vehicles are fully operational and will work with TfL and CRP to progress this further.

UKPN

- UKPN are currently monitoring data from the existing UPS Modecs to understand the impact on the grid.
- An internal project called Business Transformation is being carried out to look at the learning process and how this can support customers.

TfL

- TfL are developing a freight environmental project that will be multi-year and will look at behavioral change and engagement with industry partners.
- MR will circulate further details when this has been approved.

LH encouraged partners to provide case studies and lessons learnt so that these could be disseminated as part of FREVUE.

3. WP1 & WP3 update

- Three deliverables relating to WP1 (State of Art, Central Assessment Framework and Site Specific Protocol) have been submitted. Still waiting on feedback from EC on Site Specific Protocol.
- Ongoing issues with ICT hub and the works relating to this are currently under review.
- Work has started on WP3 assessments and the 'before' questionnaires have been finalised for each city.
- TNO have requested a separate session at the next transnational partner meeting in Rotterdam on WP3.

4. The role that regulation plays in e-mobility

Partners were asked to consider issues relating to regulation before the meeting and feedback to everyone.

- RG looked at regulations that constrained the operations of EVs. It was felt that Westminster could be more positive in their support of EVs, for example policies to support charging, the Ultra Low Emission Zone and parking incentives. It was also suggested that boroughs could join forces to lobby central government. Integrating the requirements for consolidation centres in the planning process so that sites can be identified at an earlier stage would also be beneficial.
- CLFQP previously commissioned research on the use of on street charging for electric freight vehicles - <http://www.londonsfqps.co.uk/LinkClick.aspx?fileticket=kWED7i5YvYk%3D&tabid=178&mid=538>.
- TB provided a brief explanation of the rules they are governed by that states how costs for works should be apportioned. Element Energy produced a report that covered this - http://www.element-energy.co.uk/wordpress/wp-content/uploads/2013/07/CLNR-Commercial-Arrangements-Study_2013.pdf. It was also felt that more transparent regulations would be beneficial, as currently it is difficult for anyone other than experts in this area to understand these complex regulations.
- TfL would like to see sensible measures in place that would see an increase in weight load classifications, something that PH agreed with.
- UPS would like to see improvements in the electric van grants to include retro fits. They would also like to see changes to the structure of the market which is a potential road block to expansion of electric freight vehicles to mass market.

CC

5. AOB

- The next FREVUE transnational meeting will be held in Rotterdam on 22-23 October.
- The next London partner meeting will be Thursday 4 September, 10.00-11.30 at Westminster City Hall.