Working Group Huddle

The Ulgham Parish V2G Working Group

Dear working group members and external partners,

You are invited to attend a **Meeting** of the **V2G (vehicle-to-grid) Working Group** which will be held online using **Microsoft Teams** on **Monday, 04th July 2022** commencing at **14:00.**

Working Group Members	**External Partners**
Adrian Jonas	Jim Scott (Ulgham Parish Council)
Jasmine Lau	Helen Shaw (Ulgham Parish Council)
Dave Wilson	Deb Wilson (Ulgham Parish Council)
Malcolm Lycett	David Towns (Northumber'd County Council)
Paula Ellwood	Nick Johnson (Northumber'd County Council)
Leigh Ellwood	Diego Perera (Northumber'd County Council)
	John Hill (Edinburgh Innovations)
	Andrew Aveyard (Edinburgh Innovations)
	Thomas Morstyn (The University of Edinburgh)
	Christopher Artist (Northern PowerGrid)
	Emma Burton (Northern PowerGrid)
	Anda Baumerte (Northern PowerGrid)

Agenda

1. **Funding Opportunities**

Fast Start: Innovation

UK registered small and micro businesses can apply for a share of up to £30 million for affordable, adoptable and investable innovations in net zero and Healthcare.

Eligibility:

- have total project costs between £25,000 and £50,000
- start by 1 November 2022
- end by 30 April 2023
- last between 3 and 6 months in duration
- carry out its project work in the UK
- intend to exploit the results from or in the UK

Funding

You can claim 100% of your eligible project costs up to the maximum of £50,000. Innovate UK will aim to pay:

- 70% of the grant within a month of your agreed project start date
- A further 20% to be paid in arrears after approval of your 70% claim and evidence received for your 20% claim
- the remaining 10% of the grant 10 to 14 days after Innovate UK approve your claim

2. **Project proposal**

We propose an exploratory study. The objective is to gather evidence sufficient to define the challenge of building resilience within Ulgham. We would like to know

- How much electricity does a household consume within Ulgham?
- How does the electricity get used?

We want to install metering equipment "beyond the fuse" to monitor electricity use in the closed circuits throughout the house. We would like to know, in the event of a power outage, which circuits within the house are "essential" and which circuits could be shut off, should need arise, to sustain "survivable" living conditions.

We would like Northernpower grid to aggregate and anonymise the data for GDPR purposes and we (Moxie Energy) would like to store and use the data.

We will then work with Universities to run simulations to better define the solutions.

3. **Date of Next Meeting**