

Hi Louise,

I have a good look at this and I think there is an awful lot to consider for a budget of only around £1,000.

The scope of the brief is essentially 'community-scale' renewable energy. Given the opportunities for this type of infrastructure is likely to be extremely limited, I'm not sure the study (as currently worded) would yield that much useful information.

My suggestion would be to review the brief and re-issue it. For example:

- There is nothing about demand-side reduction:
 - Insulation
 - Appliance energy efficiency
 - Lighting
 - Reducing fossil gas
- The focus should probably be on domestic-scale renewable energy opportunities:
 - Solar PV
 - Air-source heat pumps
 - Participation in Solar Together (and similar ideas)
- Considering community/public owned buildings for renewable energy
- Considering the quantity of EV chargers needed and their likely location:
 - Survey of purchasing intent and timing
 - Survey of current uptake and charging habits
 - Quantifying who needs public charging points and who can have their own private (off road) charging point

In my opinion:

- Wind turbines of a commercial size:
 - Not viable at this location and liable to divide community opinion
- Solar 'farm':
 - Unlikely unless someone is willing to give up undeveloped land
 - Likely to be divisive
- Battery 'farm':
 - Ditto above
- Ground source heat pumps:
 - A possibility but only for a few high-income households
- Heat network:
 - Highly unlikely at this location

I think the level of ambition is admirable, but I'm not clear on how much of the brief could actually be delivered in any meaningful way.

Very happy to discuss further.

Look forward to meeting you on Saturday at the Cycle Fest.

Regards,

Matt

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