

































124. Devine-Wright P, Batel S. My neighbourhood, my country or my planet? The influence of multiple place attachments and climate change concern on social acceptance of energy infrastructure. *Global Environmental Change* 2017;**47**:110–120. <https://doi.org/10.1016/j.gloenvcha.2017.08.003>
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This includes leasing programs or car clubs. The batteries in electric vehicles may also serve as a way to store and share local renewable energy when not in use.

B8. When thinking about **Canada**, to what extent do you support or oppose these ways that Local Energy systems might reduce emissions from electricity, heat, and transport? Please select one.

- 1) Strongly support
- 2) Tend to support
- 3) No feelings either way
- 4) Tend to oppose
- 5) Strongly oppose
- 6) Don't know

B9. When thinking about **your local area**, to what extent would you support or oppose each of these ways that Local Energy systems might reduce emissions? Please select one for each statement.

Random order In my local area ...	Strongly support	Tend to support	No feelings either way	Tend to oppose	Strongly oppose	Don't know
New <b>household or neighborhood BATTERIES</b> which can store electricity when renewable energy is plentiful and release it when energy is scarce						
New <b>HEAT PUMPS</b> which replace gas/oil furnaces and boilers and heat homes using warmer air in the ground or the air						
New programs to help increase the ownership and use of <b>ELECTRIC VEHICLES</b> like leasing and electric car clubs						

### C. The second D of Local Energy is DECENTRALIZATION

Currently, in Canada, we get our electricity mostly from large, distant power stations that use hydro, nuclear, natural gas, and we often heat our homes via national and regional gas/oil networks, and we power our vehicles using gasoline and diesel from across Canada and around the world. Local Energy systems would make the energy system closer to where we live by using locally available renewable energy to generate electricity or heat and to power vehicles for transport.

C10. To what extent would you support or oppose a change from a mostly large-scale and distant energy system to a smaller scale and more local energy system? Please select one.

- 1) Strongly support
- 2) Tend to support
- 3) No feelings either way
- 4) Tend to oppose
- 5) Strongly oppose
- 6) Don't know

C11. Looking at the **electricity system as a whole in Canada**, which of the following options do you prefer? Please select one.

- 1) A distant energy system involving a small number of large power stations located far away from where energy is used
- 2) A local energy system involving a large number of small power stations located close to where energy is used
- 3) A mix of the two (1 and 2)
- 4) Don't know

C12. Where would you prefer the electricity that you use **in your home** to come from? Please select one.

- 1) From my own home or building
- 2) From my neighborhood or village
- 3) From other parts of my town or city
- 4) From somewhere else in my region (e.g. from somewhere else in Southwestern Ontario, and Southern Alberta)
- 5) From somewhere else in my province or territory
- 6) From somewhere else in Canada
- 7) From outside Canada
- 8) No preference

C13. If energy systems become more local, then electricity, heating, and transport could become more integrated—working WITH each other to balance energy supply and use.

For example, electricity generated from neighborhood solar panels could be stored in a local battery and used when needed for local electric heating and/or electric transport.













## Appendix 2

### UK sample characteristics

Gender (n = 3034)	Frequency	% of sample
Male	1516	50%
Female	1511	49.8%
Other	7	0.2%
Age (n = 3034)	Frequency	% of sample
18–24	152	5%
25–34	554	18.3%
35–44	440	14.5%
45–54	669	22.1%
55–64	553	18.2%
65–74	539	17.8%
75+	127	4.2%
Province (n = 3034)	Frequency	% of sample
England	2545	83.9%
Wales	150	4.9%
Scotland	239	7.9%
Northern Ireland	100	3.3%
Education (n = 3034)	Frequency	% of sample
No formal schooling	25	0.8%
Primary School	37	1.2%
Secondary School (e.g. O-Level and GCSE)	840	27.7%
Sixth Form/College (e.g. A-level and NVQ)	919	30.3%
Higher Education (e.g. bachelor's degree)	892	29.4%
Postgraduate (e.g. masters and doctorate)	321	10.6%
Household income (before tax; n = 2793)	Frequency	% of sample
<£5000	88	3.2%
£5001—£10 000	166	5.9%
£10 001—£15 000	302	10.8%
£15 001—£20 000	304	10.9%
£20 001—£30 000	601	21.5%
£30 001—£50 000	671	24%
£50 001—£75 000	362	13%
£75 001—£100 000	190	6.8%
>£100 000	109	3.9%
Political affiliation (n = 3034; all responses)	Frequency	% of sample
Conservative	990	32.6%
Labor	776	25.6%
Liberal Democrat	181	6%
Scottish National Party of Plaid Cymru	109	3.6%
Green	126	4.2%
Other	68	2.2%
I do not associate with any party	681	22.4%
Prefer not to say	103	3.4%
Political affiliation (n = 2182; major five parties)	Frequency	% of sample
Conservative	990	45.4%
Labor	776	35.6%
Liberal Democrat	181	8.3%
Scottish National Party of Plaid Cymru	109	5%
Green	126	5.8%

### Canada sample characteristics



Continued

<b>Gender (n = 941)</b>	<b>Frequency</b>	<b>% of sample</b>
Political affiliation (n = 696; major six parties)	<b>Frequency</b>	<b>% of sample</b>
Conservative or Progressive Conservative	183	26.3%
Liberal	270	38.8%
New Democrat (NDP)	124	17.8%
Bloc Québécois	62	8.9%
Green	36	5.2%
People's Party of Canada	21	3%