Involvement in bottom-up energy transitions

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APPENDICES

Appendix 1. Aims and method Stichting Samen Energie Neutraal (translated: Together Towards Energy Neutrality)

The objective of the non-profit organization SEN is to support and guide communities (villages, urban areas or regions) in the Netherlands to become energy neutral within 10 years. SEN aims to assist these communities to become energy-neutral from a “housing costs approach”: energy saving and energy production must reduce housing costs now and in the future and extend the life of the houses. The emphasis is on making the community energy-neutral and to collaborate with existing local initiatives subscribing to this aim.

At the household level this entails:

1. Energy saving through energy-saving investments
2. Energy saving through behavioral change
3. Own energy production

Additionally, at the level of the community:

4. Join investments to realize an energy-neutral community

The aim is to make the community members the owners of the transition process and together with them identify the main challenges, setting goals and making plans, and then implementing them (or having them inplemented). In this process, SEN mainly acts as an intermediary and advisor between various parties, such as village associations, municipalities, housing corporations, companies and farmers. For more information, see the SEN website (in Dutch): https://www.samenenergieneutraal.nl/.

Appendix. 2. Sample by mode of data collection

In the online sample people live more often with partner and children and less often alone compared to the other samples, are more often highly educated compared to the paper sample, have a higher income levels, are more often employed, and more often come from urban areas (see table 1).

Table 1. Socio-demographic characteristics by mode of data collection

Variable	Online		Paper		Door-to-Door		Total sample	
	Mean	S.D.	Mean	S.D.	Mean	S.D.	Mean	S.D.
Age	56.92	12.48	61.71	14.34	57.41	15.33	58.48	13.77
Years living in the community	22.67	15.10	25.53	17.36	22.36	16.93	23.48	16.18
	Percent		Percent		Percent		Percent	
Living arrangement								
Alone	20.8		29.6		25.0		24.2	
Alone with children	1.5		6.6		2.6		3.2	
Together with partner	45.0		42.1		44.0		43.9	
Together with partner and children	31.2		18.4		26.7		26.5	
Other	1.5		3.3		1.7		2.1	
Education								
Primary education	0.6		3.0		3.3		1.8	
Lower vocational education	3.8		15.5		10.6		8.7	
Secondary vocational education	28.3		37.0		34.1		31.9	
Tertiary education	46.6		37.0		33.3		41.2	
Scientific education	20.7		7.5		18.7		16.3	
Gender								
male	56.4		55.1		54.1		60.8	
female	43.6		44.9		45.9		39.2	
Income								
< 1000	3.0		7.3		5.0		4.7	
1000-1999	14.0		32.3		26.4		21.8	
2000-2999	27.7		26.6		33.1		28.3	
3000-3999	25.5		18.2		20.7		22.6	
>4000	21.6		10.4		13.2		16.6	
Not disclosed	8.2		5.2		1.7		6.1	
Work situation								
Being employed	56.6		40.1		50.0		50.6	
Temporarily unemployed	1.8		2.2		8.6		3.1	
Unemployed	5.7		2.7		4.3		4.6	
Retired	27.7		45.1		31.0		33.4	
Student	1.2		1.6		1.0		1.1	
Other	7.0		8.2		5.1		7.2	
Home ownership								
Tenant	8.4		16.7		12.0		11.7	
Homeowner	91.6		83.3		88.0		88.3	
Area								
Rural	69.4		76.1		77.6		72.9	
Urban	30.6		23.9		22.4		27.1	