

Supplement A: Survey Instrument and Sources

Indices	Items	CA ¹	Sources ²
Attitude towards renewable energy	In the long term I consider electricity generation from renewable sources (wind, water, sun) to be financially cheaper than other forms. We need a consistent switch to renewable energy sources. Future generations will benefit if we switch to renewable energy sources.	.75	(Sonnberger & Ruddat, 2017)
Perceived degree of information	I am well informed about the advantages and disadvantages of wind energy. I am well informed about renewable energy sources in general. I am well informed about climate change and what could be done about it.	.82	(own formulation)
Benefits and reliability	The construction and operation of such wind farms are good for the labor market. Wind energy is a relatively environmentally friendly energy source. Wind energy is a reliable source of energy. Wind power plants are safe (no significant hazards to people).	.77	(Rand & Hoen, 2017)
Annoyance towards wind energy and technology	Wind farms are ruining the landscape. Wind farms generate annoying noise. This area was more beautiful before the wind farm was built. I'd enjoy my free time here more without this wind farm. It's a shame that a wind farm was built in such a beautiful area. I am concerned about the impact of this wind farm on tourism.	.90	(Broekel & Alfken, 2015; D'Souza & Yiridoe, 2014; Frantál & Kunc, 2011; Frantal, Van der Horst, Kunc, & Janurova, 2017; Seidl, Gromaire, Saad, & De Gouvello, 2013)
Concern for environmental impacts	I am concerned about the impact of this wind farm on game, birds or bats. I am concerned about the impact of this wind farm on the surrounding environment (through the use of concrete, steel, etc.).	.81	(Groth & Vogt, 2014; Rand & Hoen, 2017; Scherhauer, Höltinger, Salak, Schauppenlehner, & Schmidt, 2017)
Trust in authorities	I trust that the decision-makers in the communities will make the right decisions about wind farms. I trust that the decision-makers in Styria will make the right decisions regarding wind farms. I trust that the decision-makers at federal level will make the right decisions regarding wind farms I trust that decision-makers in energy companies will make the right decisions about wind farms.	.94	(Hall, Ashworth, & Devine-Wright, 2013; Sonnberger & Ruddat, 2017)

¹ Cronbach's Alpha for computed indices

² Note that while some items have used like in the original source, others have been modified to fit to the particular context of wind power plants in the Austrian Alps.

Individual constructs			
Fossil fuel dependency	In the coming decades Austria will not be able to do without fossil fuels such as oil, gas and coal.	n/a	(Sposato & Hampl, 2018)
Skepticism	The construction of such wind farms probably consumes more energy than will be generated later.	n/a	(Sposato & Hampl, 2018)
Climate change concern	I am concerned about climate change and its effects.	n/a	(Guo, Ru, Su, & Anadon, 2015; Tatchley et al., 2016)
Infrastructure concern	The necessary infrastructure (forest roads, electrical lines, etc.) is a major disadvantage.	n/a	(Stefánsson, Sæþórsdóttir, & Hall, 2017)