

## Energy poverty mapping and qualitative data collection for citizen centric solutions for sustainable energy planning in Texel

### Just Positive Energy Planning Processes

Department: Sustainable Development

Research group: Energy & Resources

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### Project description

One of the biggest drivers of CO2 emissions is the building sector. The United Nations (UN) Sustainable Development Goal (SDG) 7 aims to “ensure access to affordable, reliable, sustainable and modern energy for all.” As part of the Green Deal and Paris Agreement, low-carbon resilient urban development is needed, however not everyone can afford cutting edge sustainable solutions.

The aim of this research project is to identify citizen centric solutions to achieve Positive Energy Districts. To empower disadvantaged or low income populations who are often excluded from policy incentives. Through this research, we seek to identify solutions for a just energy transition. To do this, we are taking a two pronged mixed methods approach. Quantitative methods including GIS will be used to map energy poverty. Then qualitative methods will be used to identify localized feasible solutions to energy poverty.

The Bright Minds researcher will conduct interviews and focus groups in Texel. Research instruments are developed by the larger research group with the project titled “Just Positive Energy Planning Processes” comprised of researchers and case studies across Norway, Sweden, Germany and the Netherlands. The researcher will also need to help with translating these instruments and with data processing.

The working schedule is very flexible, but the assistant can expect in person meetings at the beginning, at the end and somewhere mid time of the project. We will also have a status meeting every two weeks, which could be in person or online. Working days and hours can be agreed to fit the personal agenda of the assistant. Traveling to Texel at least a couple of times will be necessary.

### Job requirements

Ideal candidate will have experience with using GIS and/or mapping census data in the Netherlands and or other European countries.

Dutch is required for this position

Experience and enthusiasm for rigorous qualitative research

Outgoing, well spoken, researcher

Interested in learning about sustainable energy

Willingness to travel to Texel