Explore and quantify trade flows/value chains of specific renewable energy components under the Environmental Goods Agreement

**Research:**
Quantify trade flows of select renewable energy goods, likely wind and/solar components, relevant to Canadian renewable policy goals. Subsequently, identify possible export markets. If the candidate wished, they could examine the MERCUSOR market.

**Scope of work:**
Component pieces of wind and/or solar are traded between Canada and the US under certain trade codes. With a changing trade environment, the Renewable Electricity Team is seeking to understand current levels of trade, current state partners and to determine potential emerging markets. You would work with a team member to identify a baseline of trade in certain renewable energy product parts (likely wind or solar). You would carry out analysis of trade flows broken down into specific states, and identify emerging markets where trade has been increasing.

The Renewable Electricity team will support you in completing two elements of your research:

**Policy analysis**
You will learn about the current renewable electricity policy landscape, and develop an understanding of current trade policy and HS codes. You will work with the Renewable Energy Team to develop a comprehensive understanding of the value chains (traded parts) of either wind or solar components. Policy and/or advocacy efforts will be proposed to facilitate an expansion of trade markets.

**Economic analysis**
The investigation will quantify trade flows on a relevant select mix of Harmonized Item Description and Coding System (HS codes); from this information, the investigation will then identify promising jurisdictions.

**Language requirements:** English or French (reading knowledge of English required)

**Project supervisors**
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