

What are the clean innovation data gaps?

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What are the clean innovation data gaps?

- Data is needed to facilitate environmentally responsible purchasing decisions and for the design and evaluation of policies and programs
- Significant efforts are being undertaken to improve the measurement of clean innovation
- What are the clean innovation data gaps? How can these gaps be addressed?

Administrative Micro Data

- Administrative or other firm-level data with appropriate coverage open possibilities for enhanced economic understanding
- ***What options might there be for developing comprehensive firm-level data in the areas of:***
 - ***Clean technology adoption?***
 - ***Emissions?***
 - ***Other areas of clean innovation and green growth?***

Industry Homogeneity

- Industry classification systems both reflect and inform our understanding of the economy
- We assume that firms within a given industry class are similar in important ways
- ***To what degree are firms within NAICS industries similar with respect to emissions and other pollutants?***
- ***What is the effect of intra-industry heterogeneity on policy impacts and their estimation?***

Interfirm Transaction Data

- Buy-sell transactions comprise the structure of the economy and are the linkages by which intermediate goods and services are combined into final goods and services, accumulating environmental impacts in the process
- Input-Output tables provide estimates of inter-industry transactions
- ***Is there value in comprehensive firm level data transaction data?***