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*Data article*

**Title: *Life Cycle Inventories of Dynamic Building Integrated Photovoltaic Systems***

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**Abstract**

*[Explicitly tell the reader what data and information they will find in this data article. Please only describe the data contents presented in this DiB article and do not describe your related research article. The DiB abstract should be purely descriptive (i.e., no results, conclusions or insightful observations about the data) If the data you describe in this article is hosted in a public repository instead of directly with this data article, state the repository name and reference number. You may also directly point the reader to your research article for further interpretation and discussion, here in the abstract]*

**Specifications Table** *[please fill in right-hand column of the table below]*

|  |  |
| --- | --- |
| Subject area | *Environmental Assessment* |
| More specific subject area | *Building Integrated Photovoltaics* |
| Type of data | *Tables* |
| How data was acquired | *technical drawings, research papers describing the technology, and expert judgment* |
| Data format | *Raw, filtered, analyzed, etc* |
| Experimental factors |  |
| Experimental features |  |
| Data source location |  |
| Data accessibility | *State if data is with this article or in public repository. If public repository, please explicitly name repository and data identification number and provide a direct URL to data* |

**Value of the data** *[Describe in 3-5 bulleted points why this data is of value to the scientific community.* *Broadly explain to other researchers how the data could be potentially valuable to them, with an eye towards possibly opening up doors for new collaborations. For example, how could this data: be compared to other data for further insight, serve as a benchmark for other researchers, be used in the development of further experiments in a particular area, etc. Please do not offer interpretative statements or conclusions about the data, nor state why this data was valuable for an already-published research study.]*

* **Can be used for further life cycle assessment research of photovoltaic systems**
* **Can be used in the design of BIPV systems**
* **Can be used by LCIA databases to expand their databases**

**Data**

[*Briefly describe the data you are sharing with this data article here, to give the reader context before you describe the materials and methods]*

*We are sharing life cycle assessment inventories*

**Experimental Design, Materials and Methods**

[*Complete description of the Experimental design and methods used to acquire the data and where applicable, in the analysis. Include any relevant figures/tables needed to fully understand the data. Please also provide, where applicable, any code files used to provide base-level analysis or filtering of the data.*]

*[(NO) Conclusions/Summary: DiB papers are distinctly different from research articles and should* **not** *include interpretations and conclusions. Do not include a Conclusion or Summary section.]*

**Acknowledgements**

**References** *[please include all references relevant to the data described here; references are not limited]*