

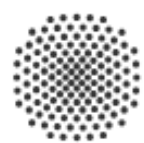


This new feature extends the hydrogen sector in premise by distribution technologies

It is an example of how new features can be introduced to premise. The feature adds hydrogen distribution to plci-database creation by implementing a new workflow along with Ici-data.

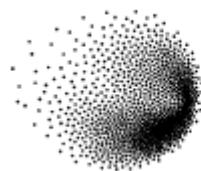
Follow me along the workflow and its implementation.

Where is the tool seated? ➔ <i>Data (new/improved inventory data)</i> ➔ <i>Model (new computational framework or coupling)</i> ☐ <i>AI usage (LLM / ML / agent in the workflow)</i> ☐ <i>Linking systems (engineering ↔ LCA, ESM ↔ LCA, etc.)</i> ☐ <i>Infrastructure / tooling (deployment, packaging, APIs)</i> Where is it located in the Brightway/LCA ecosystem: <i>premise</i>	Development level: ➔ <i>Prototype (not yet usable by others)</i> <i>Soon 😊 ➔ Stable release (documented, versioned, community-ready)</i> Where you can help me: <i>Have you come across details or features that would help premise represent certain sectors better?</i>
Technical / practical details: <i>Enhances sectoral representation in premise; located during new Database update and creation.</i>	
License + access status: <i>BSD-3-Clause, same license as premise. Not accessible yet.</i>	Link and QR code: <i>Github link in the future / premise main release</i> How to reach me/us: <i>tobias.schliess@ier.uni-stuttgart.de</i> <i>Institute for Energy Economics and Rational Energy Use – Uni Stuttgart</i>



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