

Naked Energy.

Sustainability statement

Naked Energy's purpose is to change energy for good; for the better and forever. Our mission is to supply you with solar thermal and solar PVT evacuated tube collectors; decarbonising demand for heat and power globally, one rooftop, façade, or ground-mounted array at a time. Our unique evacuated tube design optimises thermal (hot water) and electrical outputs in two simple collectors: VirtuHOT (thermal) and VirtuPVT (photovoltaic, thermal). Both VirtuHOT and VirtuPVT can provide off-grid solutions, addressing high hot water and electricity demand for hotels, residential developments/ apartments, leisure centres, F&B manufacturing, and more.

As Naked Energy is a company focused on driving sustainability, we strive to perform with sustainability in mind within the enterprise itself. All our operations and business practices aim to be grounded in sustainability principles.

We are committed to offering safe jobs with fair wages as well as making our hiring process fully inclusive. We maintain a diverse, participation-based corporate culture that establishes optimum conditions for the sustainable commitment of the employees. In 2022, Naked Energy is proud to have achieved 'Living Wage Employer' certification.

We put our best practices to influence and support sustainable economic growth with strong governance, integrity and accountability. Our enterprise does this by implementing business and project controls to ensure compliance with relevant legislation, contract and client requirements.

Our services are delivered in a way that minimizes the environmental impact and promotes business integrity. Specifics of the current 'Recycle, Reuse, Reduce' practices are discussed in more detail below and we are working to further improve them.

Our manufacturing partners (PAD Technology and Jabil Inc.) hold ISO14001 certificates which specify the frameworks for Environmental Management Systems that minimize the environmental impact while meeting regulatory requirements. Additionally, Jabil Inc. and PAD Technology have attained ISO9001:2015 (Quality Management) as well as ISO45001:2018 (Occupational Health and Safety) certifications that were integral for our manufacturing partnerships set up. The integrity of our supply chain is fully vetted via them. Finally, Naked Energy is committed to the principles of the Modern Slavery Act 2015 as well as the abolition of modern slavery and human trafficking. It was essential for us to partner with manufacturers that share the same vision. See more on Jabil Inc.'s Slavery and Human Trafficking avoidance policy here: <https://tinyurl.com/57etdmwc>

Naked Energy has established clear objectives to strengthen the evaluation of our supply chain's adherence to recognized international social and environmental standards, in line with the United Nations Global Compact. In 2024, we audited our suppliers and vendors to ensure compliance with our ESG standards.

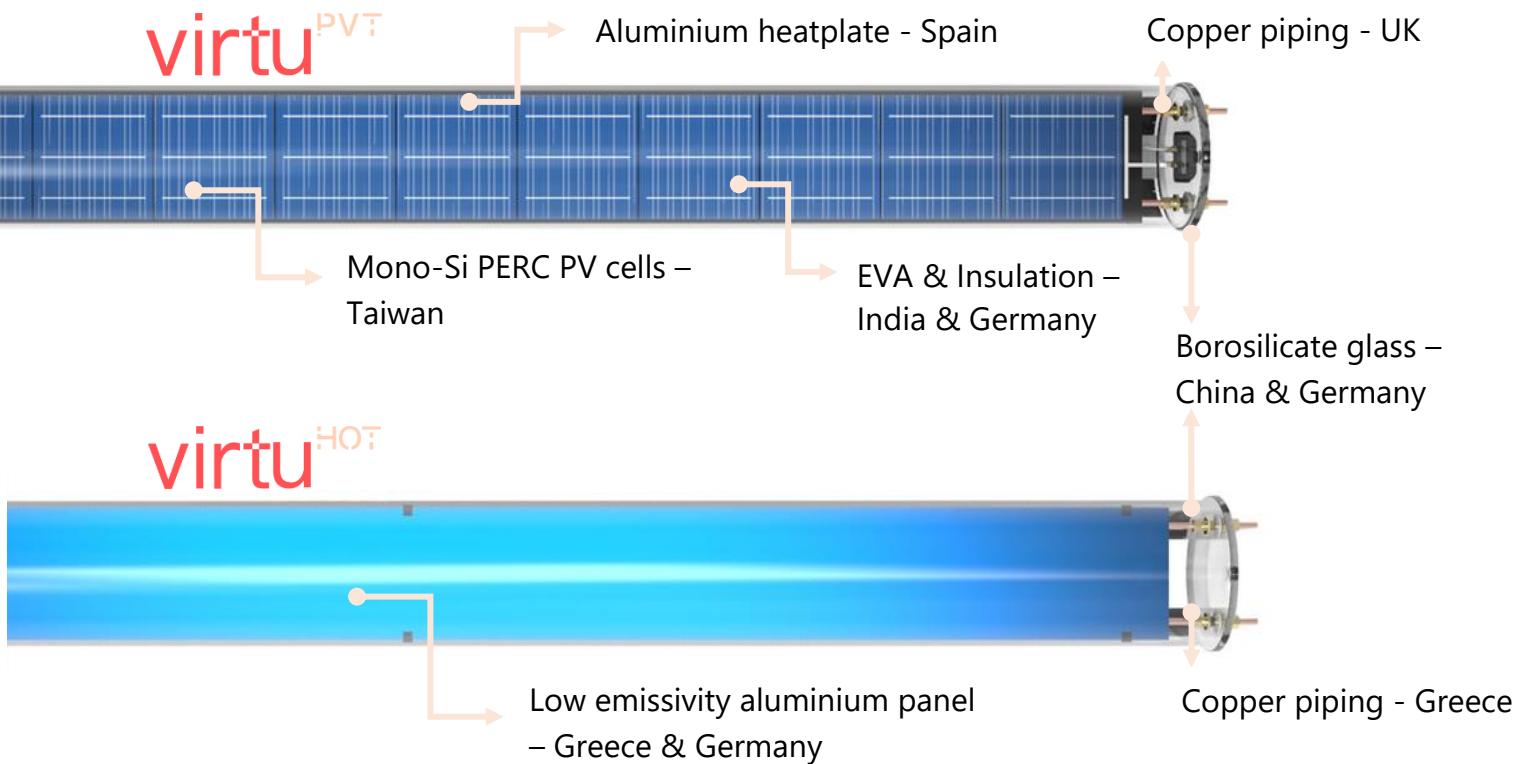
Furthermore, Naked Energy has developed a long-term ESG vision that will lead to:

- Complete understanding of company's carbon footprint (Scope 1,2,3 emissions)
- Full control and visibility of our supply chain
- Implementation of ESG focused policies & legislations
- Community-conscious business operations
- Waste management strategy

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We focus on non-disruptive manufacturing

Naked Energy fully acknowledges the importance of supply chain traceability as well as minimisation of impact from manufacturing processes. Please see details of our core components below:



Life Cycle Assessment (LCA)

Naked Energy has successfully verified VirtuPVT and VirtuHOT's life cycle assessments under the EN 15804 (Environmental standard for building products). The Environmental Product Declarations (EPDs) post-verification contain all relevant information on Global Warming Potentials (GWP_s in kgCO₂ eq.), acidification (kgSO₂ eq.) and eutrophication (kgPO₄ eq.) potentials for the following processes:

1. Raw materials' extraction
2. Materials' processing and transport to the manufacturing site
3. Manufacturing of the products
4. Transport of products to installation site
5. Installation
6. Waste processing and disposal at end-of-life

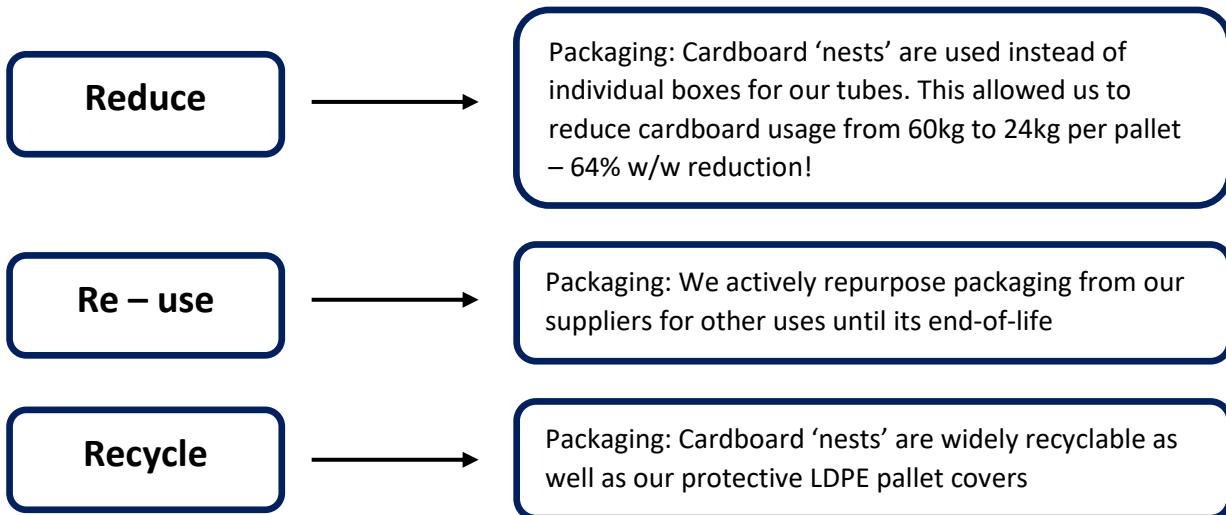
VirtuPVT EPD: <https://manage.epdhub.com/?epd=HUB-0434>

VirtuHOT EPD: <https://manage.epdhub.com/?epd=HUB-0433>

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Installation Practices

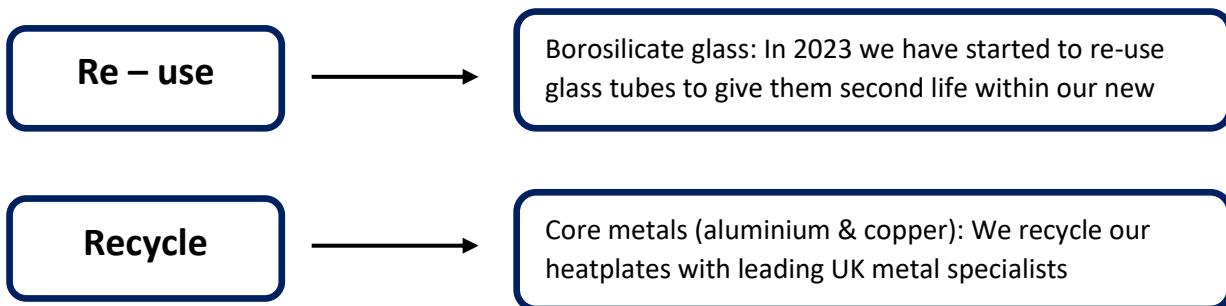
Naked Energy is committed to a safe and efficient product delivery and installation. At the stage of product commissioning, we actively employ the 'Reduce, Reuse, Recycle' strategies:



Furthermore, once installed, our system doesn't require any extensive maintenance which means no additional energy or material exploitation.

End-of-Life Practices

Our products, VirtuHOT and VirtuPVT, are certified to have a 20 – year lifespan, nonetheless we have already investigated environmentally conscious end-of-life scenarios:



Additionally, our innovative VirtuPVT product is certified under the WEEE (Waste Electrical and Electronic Equipment) compliance scheme which guarantees product collection, treatment, recovery and environmentally sound disposal during the relevant compliance period.

Didn't find what you were looking for?

If you have any additional questions about our ESG vision or want to take a look at any aforementioned sustainability documents, please contact Maria Zagorulko, Senior Development Engineer at m.zagorulko@nakedenergy.com for further assistance.