



eama
2050 Connected

BEAMA's subscription service designed to unite the supply chain and market around the goal of decarbonisation and circularity by 2050.

Getting Product Environmental Data Right

Delivering trusted environmental information while supporting UK growth, innovation and Net Zero

The Opportunity

Product Environmental Data (PED) can help deliver reduced emissions, improve supply chain transparency and support informed policy and commercial decision making.

The UK has an opportunity to develop an Embodied Emissions Reporting Framework, the underpinning processes of which will deliver trusted environmental information while supporting innovation, investment and competitiveness.

PED Done Right vs PED Done Wrong

✓ Trusted environmental information	✗ Increased compliance costs
✓ Better decisions (policy & commercial)	✗ Reduced investment for innovation
✓ Supply chain transparency	✗ Higher product costs
✓ Continuous environmental improvement	✗ Administrative burden
✓ Stronger UK competitiveness	✗ Market distortion
✓ Encouraged innovation	✗ Barriers for clean growth
✓ Green jobs (sustainability)	✗ UK competitive disadvantage

The UK's electrical manufacturing supply chain provides the technologies to deliver*:

Electrification

Industrial Growth

Clean Energy

Green Jobs

88%

of manufacturers already provide environmental data.

20%

can provide data as a form of EPD.

72%

use or plan to use a level of external support to meet data requests.

£3,240

average additional reported cost to upgrade from a self-declared assessment to an EPD.

80%

can provide data in a self-certified declaration or format.

490

average number of products within the manufacturers portfolios.

£3,200

average reported self-certified assessment cost per product.

£1.58m

illustrative average additional cost per manufacturer if product level EPDs become a market access requirement.

*Based on 2026 BEAMA member survey. Detailed notes and assumptions available in accompanying [report](#).

#LetsGetPEDRight
Supporting practical EERF development

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Four Principles for Getting PED Right

Trusted Verification

Robust and credible environmental information without disproportionate cost burdens, avoiding unnecessary costs for manufacturers and consumers.

Comparable and Reusable Data

One trusted methodology that enables environmental data to be collected once and used across multiple reporting and policy requirements.

Flexibility for Complex Products

Frameworks that reflect complex systems, supply chains and product lifecycles, which supporting technological innovation.

Environmental and Economic Progress

Ambition and international alignment that strengthens UK competitiveness.

What Government Should Do

1

Develop PED requirements with the electrical industry

Deliverable, effective implementation for the most complex of supply chains.

2

Adopt proportionate verification

Build confidence and trust without excessive cost.

3

Maintain flexibility

Recognise product complexity and supply chain realities.

4

Alignment across reporting

One PED figure suitable for use across all reporting requirements.

5

Pilot before implementation

Identify unintended consequences early within the electrical sector.

Key Message

Industry supports the development of Product Environmental Data frameworks.

Government has an opportunity to create an Embodied Emissions Reporting Framework that delivers trusted environmental information while supporting innovation, investment and UK competitiveness.



beama.org.uk/services/beama2050connected



2050Connected@beama.org.uk

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