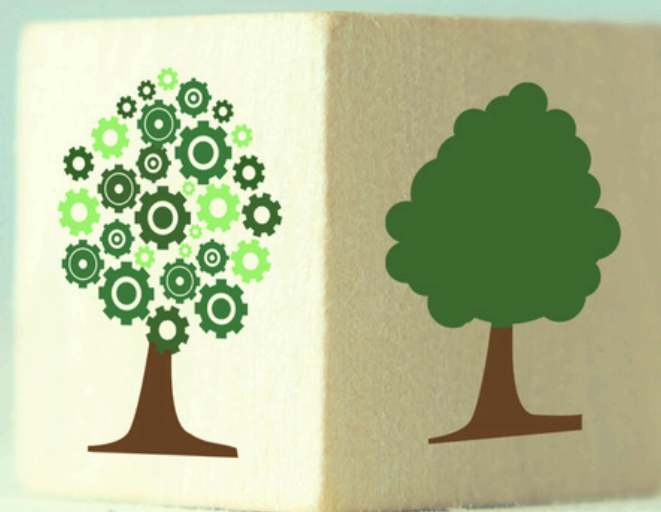




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How is the EU's Batteries Regulation linked to PEF?





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The Batteries Regulation is the first legal act to impose the obligation of Product Environmental Footprint (PEF) calculation.

Taking a full life cycle approach, the legislation requires battery producers, importers, and distributors along the EU supply chain have to report on their **batteries' carbon footprint (CFB)**.





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Article 7: Carbon Footprint Declaration

Electric vehicle, LMT, and large rechargeable industrial batteries (>2 kWh), including flow batteries, require a Carbon Footprint Declaration, which contains:

- Manufacturer administrative details
- Battery model
- Manufacturing facility location
- Carbon footprint (kg CO₂ equivalent per kWh over service life)
- Carbon footprint breakdown by lifecycle stage (except use-phase - Annex II, point 4)
- Identification number of EU declaration of conformity
- Web link to supporting carbon footprint study

For flow batteries industry, the carbon footprint declaration applies from August 2030.





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Article 7: what else?



Batteries shall have a label indicating the carbon footprint and the carbon footprint performance class.



The performance class requirements and their thresholds will be set and reviewed by the European Commission.



Products must demonstrate in their documentation that their maximum life cycle carbon footprint is below the set limit.



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