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## Manutan's Product Environmental Impact Score

Manutan introduces an environmental impact score for informed purchases, analyzing products' life cycles and engaging suppliers in eco-design.



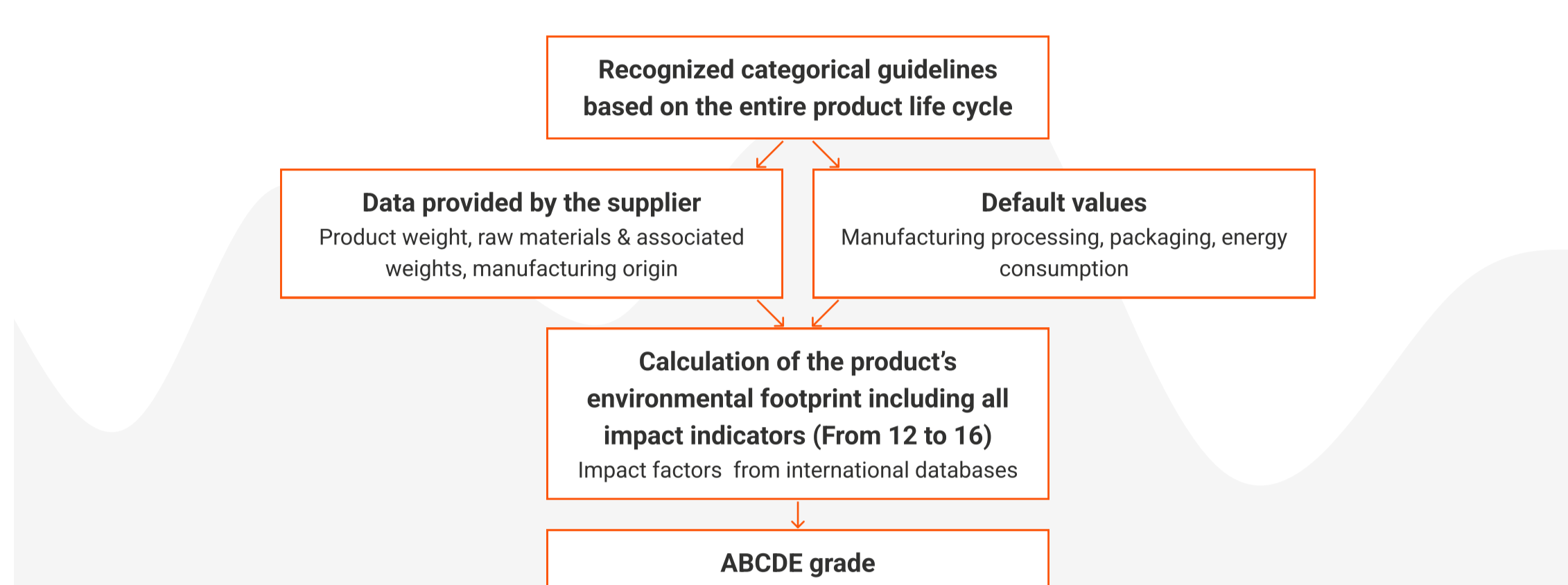
### What is our Environmental Impact Score?

Manutan is launching its environmental impact score to help you make an informed choice when making your purchases, thanks to a rating ranging from A to E. The environmental footprint is obtained by analyzing the product's entire life cycle, from the extraction of raw materials to end-of-life, using a recognized methodological reference framework (PEF) that considers 12 to 16 environmental indicators, including carbon footprint, resource use, water pollution, human toxicity, etc.



Through this approach, Manutan also wishes to engage its suppliers in an eco-design process.

### How Manutan measures a product's environmental impact?



Impact is measured in accordance with the methodological guidelines used for each product category and their associated international databases: the PEF guidelines adopted by the EU, for the evaluation of PPE (Personal Protective Equipment), and the ADEME guidelines, for the evaluation of furniture. These methods are based on the principles of Life Cycle Assessment (LCA), a rigorous scientific method for measuring environmental impacts, as defined by ISO 14040-44.

A product's environmental footprint is measured by collecting two types of data: mandatory product data collected from suppliers (such as the product's material composition, weight, and manufacturing origin), and default data as defined in the standards for missing data.

Several consistency checks, as well as audits by an external firm on a sample of products, are carried out to ensure the reliability of the data transmitted by our suppliers and of the results.

### The 16 environmental impacts of the PEF methodology



Source : European Commission

This approach makes it possible to calculate the impacts on 16 environmental indicators for the PEF and 12 for the ADEME, such as the impact on climate change (kgCO<sub>2</sub>e), the depletion of resources, the emissions of fine particles in the air and the impact on human health.

[See more about the methodology](#)

### How to read the environmental impact score?



To guide you, Manutan has developed a visual display that gives you a quick overview of the product's impact within its category. On the product pages, you will find the following information:

Aggregated impact score (per functional unit): **200 micro-point(s)**

- Helps you choose between similar products within Manutan assortment.
- Based on up to 16 environmental impacts (E.g.: carbon footprint, resource use, pollution, human health, etc.).

Carbon footprint (per functional unit): **49,3 kg CO<sub>2</sub>e**

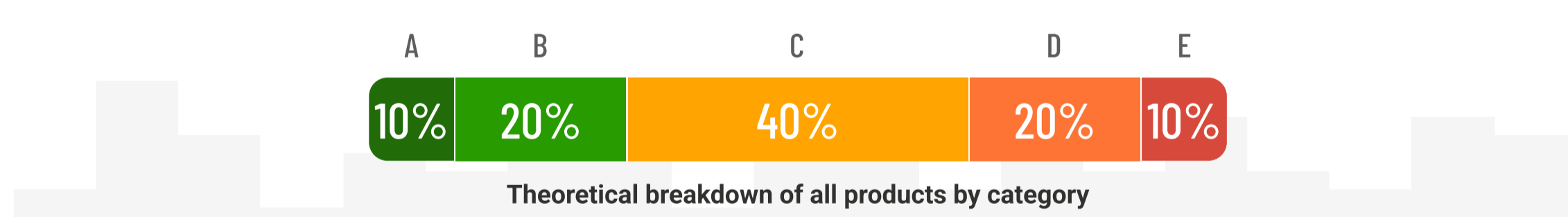
This score complements other environmental aspects present on the web page, such as official environmental labels (PEFC, FSC®, EU Ecolabel, NF Environnement, etc.) or the proportion of recycled material in products.

In order to ensure a certain robustness, the ABCDE score is only displayed in categories where representativeness is satisfactory (minimum 30 products scored in the category); otherwise, only the aggregate impact score and carbon footprint (which are not established relative to other products in the category) are displayed.

### How does Manutan classify its products?



To rank the products, Manutan compares the aggregate impact score according to the weighting defined by the PEF method (the aggregation of 12 to 16 environmental indicators) of the product evaluated with the average of all the aggregate impact scores of the products in its category\*. Based on a recognized statistical methodology and the breakdown recommended by ADEME, Manutan divides products according to a scale from A to E. The final breakdown in each category is shown below:



A represents the products with the lowest environmental impact in the category, and E the products with the highest.

\*The classification is made within a category of Manutan products meeting the same need, defined by the functional unit of a chair is "to have a seat of at least 50 cm for 1 year").

### Our partners

As part of the pilot phase of the project, 2 Manutan start-up partners assessed the environmental footprint of each product by combining this data with [emission factors](#) extracted from international databases using the following reference systems:

For personal protective equipment: **GLIMPACT**, in accordance with the rules of the PEF (Product Environmental Footprint) methodology adopted by the European Commission, the Consortium's "Glimpact Xtex" standard, in line with the rules of the European PEFCR Apparel & Footwear v1.3 standard; and the associated EC database, "PEF LCDN EF2.0".

For office furniture: **WARO** in accordance with the rules of the ADEME (French Agency for Ecological Transition) methodology, "BP X 30-323-4 on wooden furniture" standard, and the associated "Base Impacts V2.02" database.

### Going further in our approach

The environmental impact score was the subject of an initial pilot phase, tested on a sample of products in 2 categories: office furniture and personal protective equipment (PPE).

It is measured using a recognized methodology that considers the product's entire life cycle and environmental impacts.

Manutan intends to gradually roll out this score to all its categories and is committed to continuous improvement in order to support its customers' and suppliers' CSR (Corporate Social Responsibility) initiatives. Manutan follows and complies with changes in regulations and the development of databases on the subject and intends to base ABCDE ratings on market references as soon as they become available.

Free quote within 24 hours

Free delivery for orders over 200€.

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