

Eaternity Score

The environmental rating for your products – on pack, on shelf and online. Built on open data, with ratings under independent verification.

EmpCo

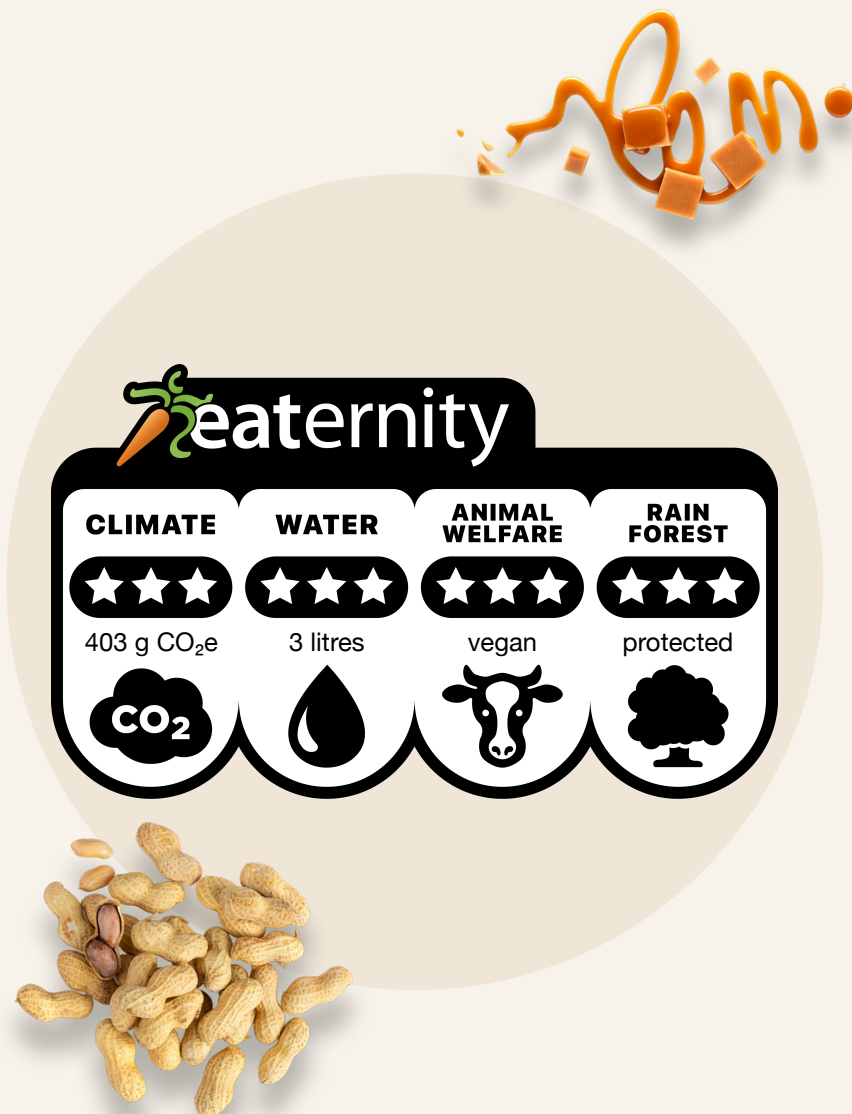
Ratings under the ESFC EmpCo Scheme, independent verification by Bureau Veritas

A – E

four ratings per Daily Food Unit – comparable across all categories, independent of pack size

Open

Data basis built on UVEK/BAFU life-cycle data, freely accessible and independently recomputable



OVERVIEW

What the Eaternity Score does for you

You provide recipe and origins. We calculate how your product performs on climate, water, animal welfare and rainforest and deliver the label for your pack.



Calculate

Climate, water, animal welfare and rainforest for every product – from recipe, origins and manufacturing.



Rate

A rating from A to E per Daily Food Unit, comparable across all categories. “Climate-friendly” means rating A.



Verification

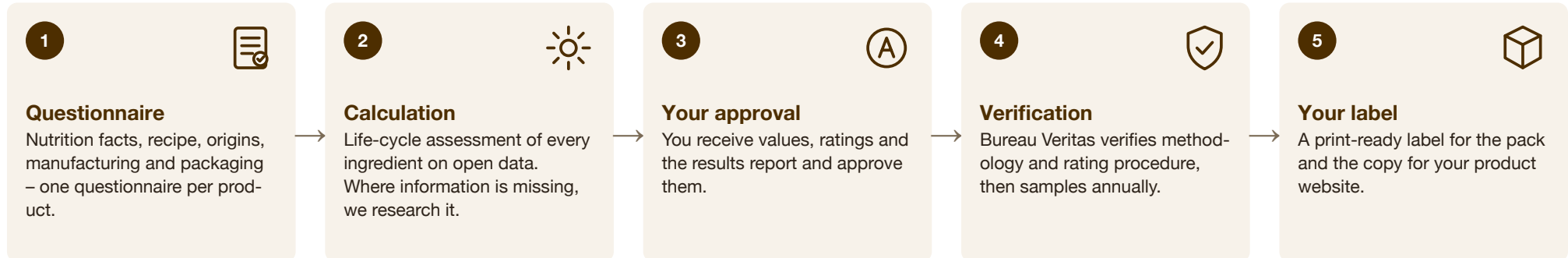
Aligned with the ESFC EmpCo Scheme: Bureau Veritas verifies methodology and rating procedure, then samples annually.



Label

The label on pack, shelf and in the online shop – in your design.

How your label is made – usually within six weeks



CO₂ values are factual information, ratings are labels. In our assessment, a rating such as A–E or three stars is a sustainability label towards consumers within the meaning of Directive (EU) 2024/825. That is why it is based on the ESFC EmpCo Scheme with independent verification.

INDICATORS

What we measure and what the label looks like

The label shows at a glance how your product performs – compared per Daily Food Unit and therefore across all product categories.

Indicator	What is measured	Result	Rating
Climate	Greenhouse gases from the farm to your factory gate, EF 3.1 method (IPCC AR6, GWP100).	g CO ₂ e	A–E
Water	Irrigation water, weighted by scarcity in the growing country.	litres	A–E
Animal welfare	Share of animal ingredients with a recognised welfare label; no animal ingredients: A.	share certified	A, B, E
Rainforest	Soy, palm oil and other critical commodities from certified or non-critical origin.	share certified	A, B, E

Methodology based on ISO 14040/14044. Documentation: eaternity.org/documentation

The A–E rating



The reference unit is the **Daily Food Unit**: a food's contribution to the daily requirement of energy, protein, fat, water and dry matter. **Climate-friendly** means rating A.

In the label: stars – our design proposal. The A–E rating is what counts: three stars for A only, at least 50% below the benchmark; two for B; one for C to E.

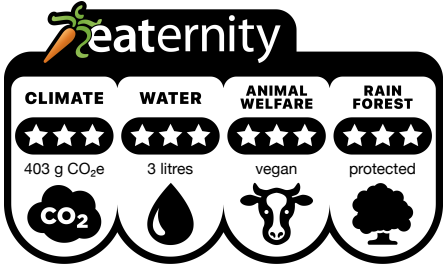
The rating thresholds are set and published under the EmpCo Scheme: empco.eaternity.org

What it looks like on pack



A real example: the Eaternity Score label on the front of a pack.

The label



With the values of the pictured pack.

On your product website

What the label rates: climate, water, animal welfare, rainforest – per Daily Food Unit · System boundary: from farm to factory gate · Rated by Eaternity under the ESFC EmpCo Scheme · Verification status: empco.eaternity.org

Only the label goes on the pack. The explanation belongs on your product website – we supply the copy.

YOUR DATA

What we need from you

One questionnaire per product is enough. From it we produce the label, the results report and the copy for your product website.



per product

Questionnaire

One questionnaire per product: product and nutrition facts, recipe, origins, manufacturing, packaging and distribution. We help you complete it.



recommended

Documents

Declarations, specifications and supplier information speed up the research and make the value more accurate.



on request

Interface

For whole ranges we can also calculate through our interface (API) – talk to us.

Information in the questionnaire

Product	Pack weight and nutrition facts per 100 g, as on the nutrition table
Recipe	Ingredients and sub-ingredients with shares in %
Origin	Sourcing country or region per ingredient, e.g. “Argentina”, “Andalusia Spain”
Properties	State per ingredient (fresh, frozen, dried) plus organic and other labels, e.g. “RSPO”
Manufacturing	Site, production volume, electricity and heat use with grid mix and heating medium, water, wastewater, waste
Packaging	Primary and secondary packaging: material, weight, recycled content, dimensions
Storage, distribution	Storage time and temperature, transport legs, target markets with shares

What you receive

- 

Results report
Values and ratings per indicator, contribution of ingredients and life-cycle stages, assumptions made.
- 

Label and website copy
Print-ready label for your packaging and the explanation for your product website, in your language.
- 

Verification status
Confirmation to retailers and third parties on request; on request a public entry at empco.eaternity.org.

Pack weight, nutrition facts, recipe with shares and the origin of the main ingredients are required. Where information is missing, we research it or use the country’s real supply mix – and document the assumption.

DATA BASIS

What our values are built on

Open data, recomputable down to the single flow.

Our basis is the open UVEK/BAFU life-cycle data. It covers about a third of the processes directly – we built the rest with more than 70 open modules: for livestock, field emissions, land use, greenhouses, processing, electricity and transport.



Open

Freely accessible data and publicly documented models – without licensed background data.



Recomputable

The verification body and customers can trace every calculation down to the single flow.



With confidence

Every emission flow carries an uncertainty band and states where it comes from.



Quality-assured

Every change runs against 600 published test cases – 350 of them packaged products.

Methodology based on ISO 14040/14044 · Data and models: [lci-workbench-0d71e7.gitlab.io](https://github.com/eos-lci/lci-workbench-0d71e7.gitlab.io) · Module: [gitlab.com/eos-lci](https://github.com/eos-lci) · Applies from the 2026 CO₂ data update.



UVEK/BAFU

open life-cycle data as the foundation

70+

open modules for farming, processing and transport

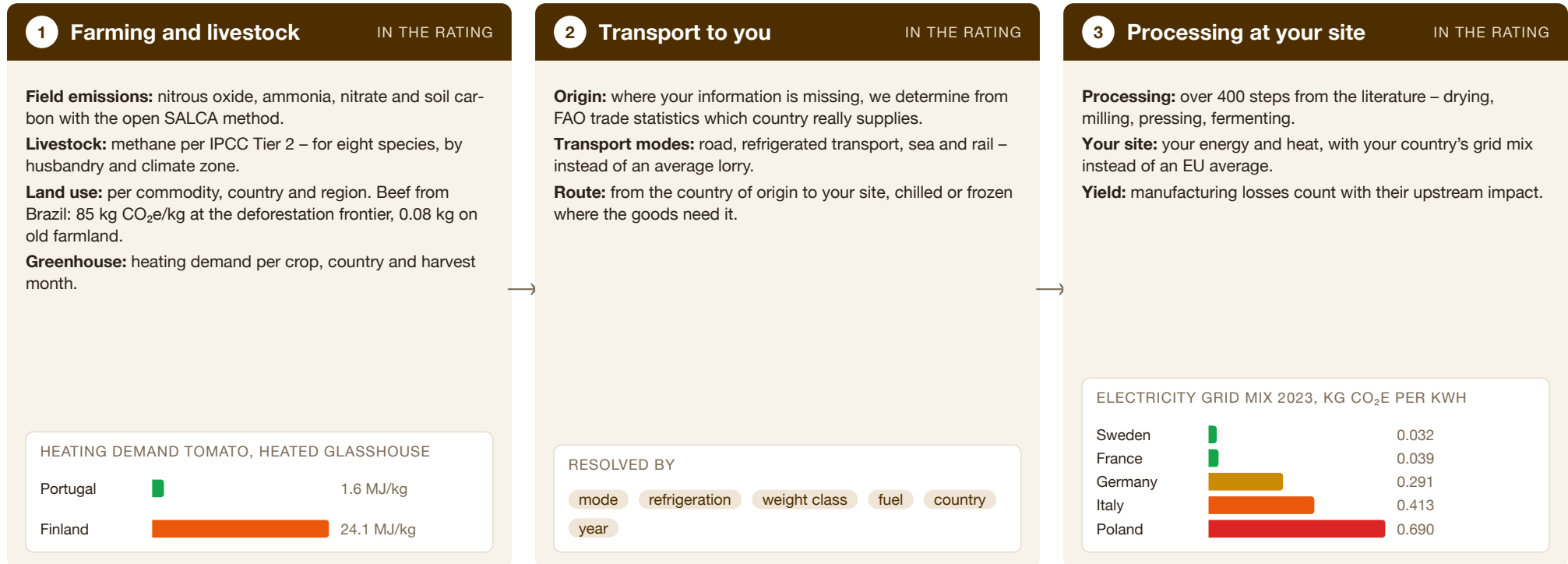
600

test cases in the published regression check

METHOD

From the field to your factory gate

What we model at each step – resolved by country, year and season instead of a single average.



ADDED IN THE VALUE ON PACK Packaging Storage Distribution

NOT INCLUDED Preparation and use End-of-life

The rating assesses recipe, origin and manufacturing – where products differ most and where you decide. The value on pack also shows the impact of packaging, storage and distribution.

Examples from the open modules at gitlab.com/eos-lci, presented in “An open climate database for food” (ESFC, 8 September 2026): eos-lci.gitlab.io/eos-lci-presentations

EMPCO · DIRECTIVE (EU) 2024/825

Ratings that stand up to assessment

Since 27 September 2026, sustainability labels must be based on a certification scheme with independent verification. The Eaternity Score is aligned with the ESFC EmpCo Certification Scheme.

The scheme owner is the European Sustainable Food Coalition. Verification is an ongoing process: initial verification of methodology and rating procedure, then annual samples of real labels.

Eaternity takes care of	You take care of
Calculating and issuing the ratings under the published pathway	Show the label in your design, rating and scale unchanged; the explanation on your product website
Method and verification status public at empco.eaternity.org ; on request an entry for your company	Specific wording: “climate-friendly” for rating A only and explained, never “sustainable” or “climate-neutral”
Status confirmation to retailers and third parties	Report changes to recipe, origin or packaging before placing the product on the market
Advance notice of material updates, with the date they take effect	If a rating changes, adjust new print runs; stock on the market may be sold through (terms section 10.6)
Recalculation after changes and to the current state of knowledge	In a sample check: photo or sample of the pack



Verification status

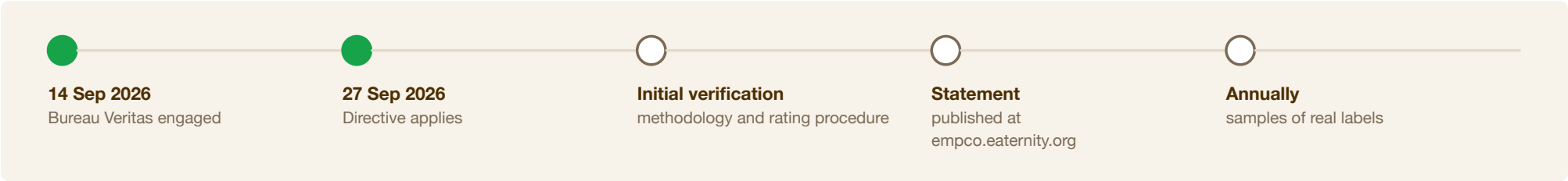
As of October 2026: the initial verification by Bureau Veritas Solutions Denmark is under way. We publish the result and its scope at empco.eaternity.org until then, the verification status published there applies. Which ratings the verification covers is published there too.



empco.eaternity.org

Pack and product website

- ✓ On the pack: the label – in your design, rating and scale unchanged
- ✓ On the product website: what the label rates, reference unit (Daily Food Unit), system boundary, reference to ESFC EmpCo and Eaternity – we supply the copy



STATEMENT OF WORK

Base package Eaternity Score

Services	Benefits	Comment	Cost in €
Setup per product			
Needs assessment, questionnaire and preparation of the product-specific data work (Science Eaternity).	Efficient, high-quality implementation.	You complete the questionnaire and provide recipe, origins and manufacturing data.	€3,990 per product incl. licence in year 1
Research of compound ingredients and missing information; linking each ingredient with origin, production, processing and preservation.	Complete, traceable calculation with a detailed ingredient analysis – the basis for your customers' trust.	Declarations, specifications and supplier information speed up the research.	included
Calculation of values and ratings, results report, label files and copy for your product website.	A label for pack, shelf and online shop that stands up to independent verification.	Result usually within six weeks of complete data. You review and approve.	included
Licence from year 2 – two options			
Licence incl. updates: database, web service and brand; recalculation to the current state of knowledge and when recipe, origin or packaging change; maintenance of software and database.	Right to communicate values and label to customers and staff (terms incl. EmpCo module section 10); verification status kept current; management, coordination, maintenance and support.	Recommended when recipes change or the label stays on pack long term. Invoiced annually in advance.	€1,200 per product and year
Label licence without recalculation: right to use label and values, verification status and support.	Low-cost continuation for unchanged products.	The assessment is valid for 24 months from approval; after that, or after rating-relevant changes, re-assessment at €1,200.	€400 per product and year
Module: labelling climate-friendly products			
Placing your products in the rating levels; automatic calculation, labelling and display of results.	Labelling of climate-friendly products (rating A) under the communication rules of the EmpCo Scheme; CO ₂ savings per product compared with the average.	Applies to product development as well as to communication.	included

Worked example: 3 products

	Year 1	From year 2
Setup 3 × €3,990, incl. licence in year 1	€11,970	–
Licence incl. updates 3 × €1,200 or label licence 3 × €400: €1,200	–	€3,600
Total	€11,970	€3,600

Ranges and variants

Every product (every recipe) needs its own assessment. For variants of a product line and from 100 products we offer package prices; for whole ranges we can also calculate through our interface (API) – talk to us.

STATEMENT OF WORK

Analyses, communication and additional services

Services	Benefits	Comment	Cost in €
Analyses and comparisons			
Comparison with another product, tailored and prepared for communication.	A substantiated comparative claim, e.g. against the original in your category.	Same reference unit, disclosed basis of comparison – under the rules of the EmpCo Scheme.	2,790
Comparison with a generic product, for internal use only.	Quick positioning for product development and purchasing.	Not intended for communication.	129
Detailed data package (Excel): ingredients, origins, transport, processing, packaging.	Identify the levers in recipe, sourcing and packaging.	Update of the data package: €580.	2,500
Written detailed report with project and full calculation description.	For sustainability reports, retailers or investors.	Needs assessment required.	on request
Marketing and communication			
Creative input on communication at the shelf and online; conveying goals and ideas to staff and retailers.	Sparring, review, copy and visuals – within the EmpCo communication rules.	As needed and by effort.	1,250 per day
Free additional services			
Approval of your communication materials (terms section 8); answering consumer questions; reference on eaternity.org and press release to our network.	Safe, aligned communication and a shared success story.		free of charge

How to start

- 1 Confirm the offer
- 2 Kick-off and questionnaire per product
- 3 Calculation, questions and your approval
- 4 Label files and copy for your website

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Terms

Eaternity's General Terms and Conditions apply, incl. the communication guideline and the EmpCo module (version of 6 October 2026, eaternity.org/legal), in particular section 9 (Eaternity Score) and section 10.6 (pack and shelf claims). All prices in € excl. VAT, travel and expenses; management and administration are included. Setup invoiced in advance. Licence for 1 year from approval with automatic renewal; notice of one month to the end of a month.