



Quantis

**EURATEX Annual Conference  
Workshop 4: Labelling  
sustainability**

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# ABOUT QUANTIS

## Who

We partner with leading global organizations in key consumer goods sectors who are serious about reducing their environmental impact.

## How

Our unique approach combines deep sustainability expertise with strategic business knowledge to help your company align within planetary boundaries.

## What

We enable sustainable business transformation, helping you build resilience, unlock innovation and optimize your performance.

Let's find out more ↓



# PEF VISION

Imagine you have landed in 2030...

You walk into your usual retail store. Only this time, **every brand can evaluate the environmental performance of any product** thanks to a simple, scalable, universal and officially-recognized method.



# GETTING TERMS RIGHT



**PEF methodology - toolkit**  
High level modelling rules for any sector, including 16 impact categories, data requirements (including the use of the EF database), and a stringent verification process

Any sectors,  
any products

Sector specific

PEFCR Dairy



A&F PEFCR  
13 sub-categories



PEFCR  
Cosmetics



PEFCR  
Packed water



Specific rules complementing the PEF methodology, shifting the focus to parameters that matter the most for a dedicated industry. About 30 PEFCRs exist to date.

Product specific

PEF study  
Hiking boot



PEF study  
T-shirt



PEF study  
Sweater



PEF  
study  
Scooter



# 01

**PEF =  
ENVIRONMENTAL  
FOOTPRINTING  
- THE EU WAY**



# SINGLE MARKET FOR GREEN PRODUCTS MISSION

## HIGHER UPTAKE OF GREEN PRODUCTS AND GREEN PRACTICES



April 9<sup>th</sup> 2013, the European Commission published:  
**Communication: Single Market for Green Products**



**Product Environmental Footprint (PEF) Guide**

**Organisation Environmental Footprint (OEF) Guide**

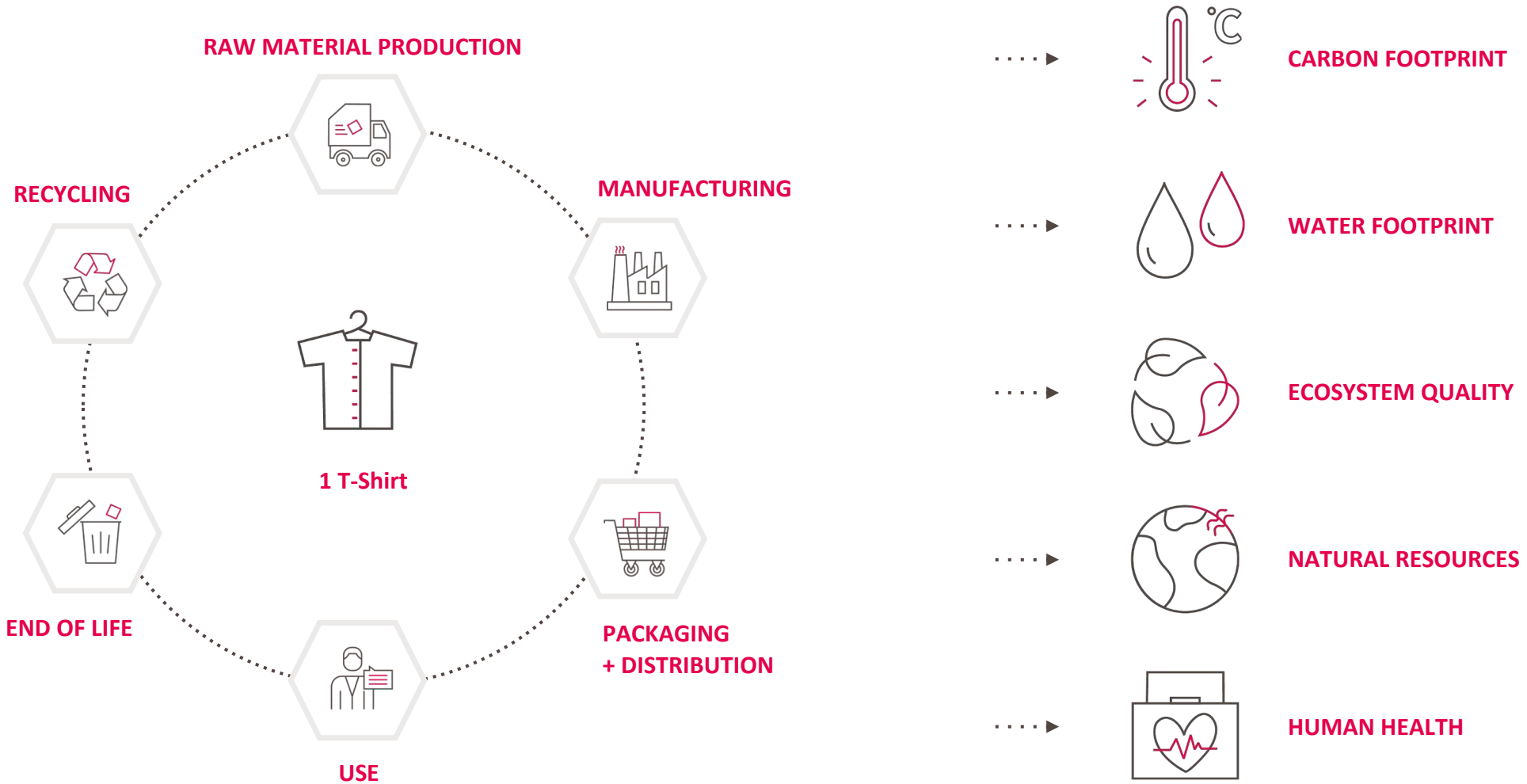
**Recommendation**

**Pilot testing phase: 5 years**

**Environmental Footprint method for PEF and OEF**

**Transition phase: 5 years**

# LIFE CYCLE ASSESSMENT (LCA) IS A TOOL TO ASSESS THE ENVIRONMENTAL IMPACTS OF A PRODUCT, SERVICE OR COMPANY FROM “CRADLE TO GRAVE”





02

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**THE APPAREL AND  
FOOTWEAR PEFCR  
PROJECT**

# TECHNICAL SECRETARIAT OF THE APPAREL AND FOOTWEAR PEF PROJECT

TECHNICAL EXPERT



SECRETARIAT LEAD



VOTING MEMBERS



NON-VOTING MEMBERS



OBSERVERS



# KEY PROJECT STEPS

- 01** Define the **scope** (product categories/sub-categories, functional unit, ...)
- 02** Define the **representative products** per sub-category and **datasets needed**
- 03** **PEF-RP study**: determine the most relevant life cycle stages, processes and impacts
- 04** **Draft PEFCRs** including **public consultation**
- 05** **Supporting studies** (3 per sub-category): test the PEFCRs on real products
- 06** **Update the PEF-RP study** with new datasets and findings
- 07** **Update draft PEFCRs** including consultation
- 08** **Reviews** by external reviewers, TAB, EF-sub-group
- 09** **Final PEFCRs**

# PROJECT TIMELINES



\* Dates to be confirmed pending delivery of the EF3.0 database



**ANY QUESTIONS?**

# KEY CHALLENGES AND NEXT STEPS FOR THE A&F PEFCR TS

## Product sub-categories

How to cover the entire industry?  
Are the categories well defined?  
Should they be more granular?  
Do products fall in multiple categories?

*Existing categories to be tested during the Supporting Studies*

## Durability

How to translate the quality of the garment? How should emotional durability be accounted for?

*Physical durability included in PEFCR, to be tested during the Supporting Studies*

## Repairability

How to account for and encourage repairability? Which criteria shall be considered?

*Repairability included in PEFCR, to be tested during the Supporting Studies*

## Microfibres

There is no LCA indicator quantifying the impact of microfibre shedding. How can we include it?

*Potential additional requirements currently discussed*

## Scalability

How to make robust PEF processes, enabling consumer trust, scalable (tools, data sourcing, verification)?

*TS to challenge the Commission to amend the PEF method*

## Reusability

The PEF method is centred on the product, not the user. How can we reflect the impact of 2nd hand products?

*Request submitted to the TAB for advice*