

**A PERSPECTIVE ON EPD
AND PRODUCT
ENVIRONMENTAL
FOOTPRINT**

**FILIPPO SESSA,
LIFE CYCLE ENGINEERING**

**4TH EPD INTERNATIONAL
STAKEHOLDER CONFERENCE
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THE INTERNATIONAL EPD® SYSTEM


LIFE CYCLE ENGINEERING
we support your sustainable business

Life Cycle Engineering (LCE) is an independent consulting firm, providing professional solutions and tools for Life Cycle Assessment (LCA), eco-design, environmental communications and regulatory compliance to private companies and business associations.

Life Cycle Engineering (LCE)

- is providing technical support to the PEF pilot on pasta
- developed a supporting study for the OEF pilot on retail
- has representatives in the Board of Directors, in the International Advisory board and in the Technical Committee of the International EPD System.



THE PILOT FOR PASTA

Aim of the pilots: develop PEFCRs,
test communication vehicles

European Commission

Steering Committee and
Technical Advisory Board

UN.A.F.P.A. (Union of Organisations of
Manufacturers of Pasta Products of the EU)



Barilla G. e R. Fratelli S.p.A.



Pasta Zara S.p.A.



Pastificio Lucio Garofalo S.p.A.



F. Divella S.p.A.



Pastificio Di Martino Gaetano & F.lli Spa



Other pilots

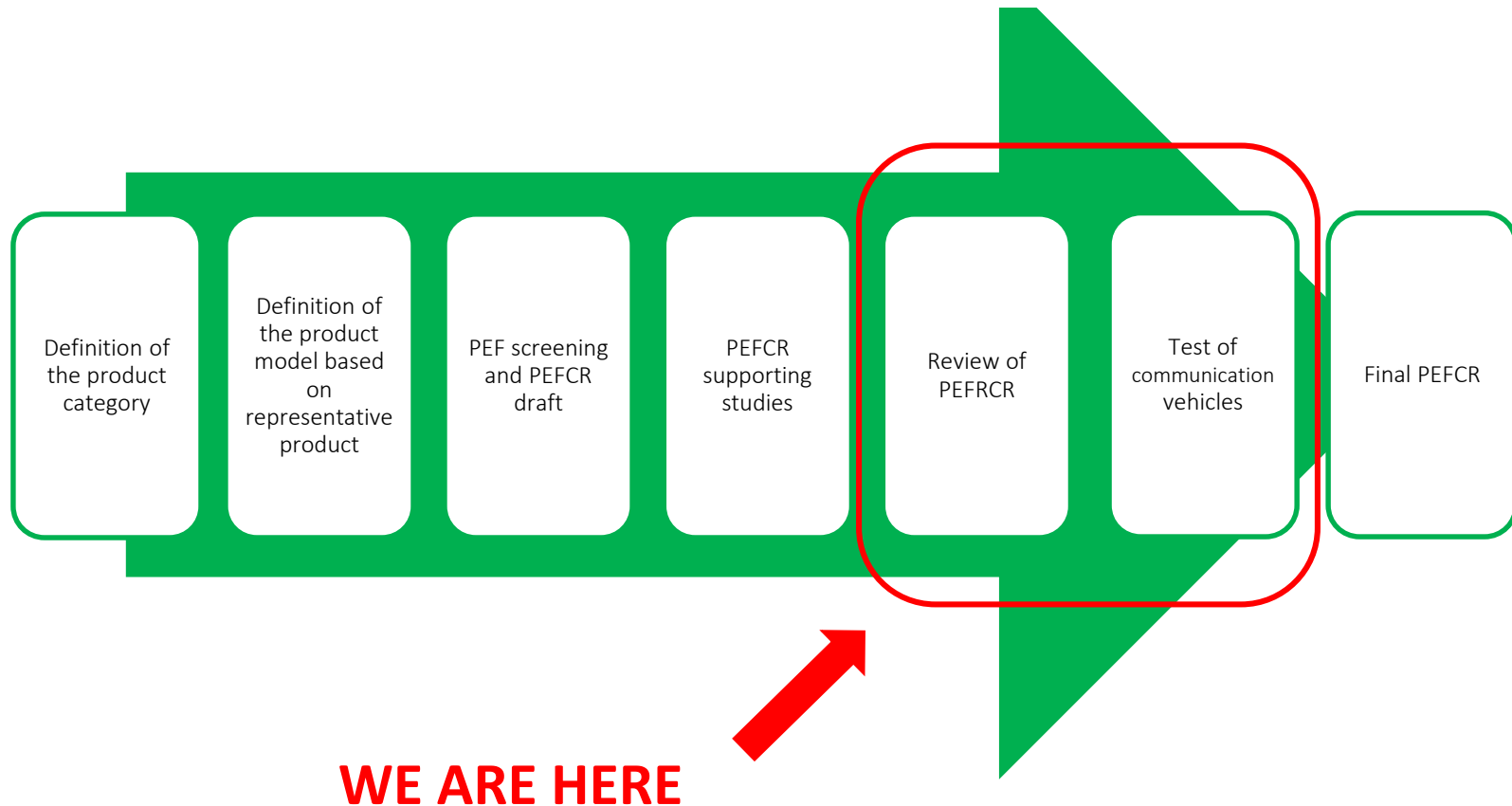
14 for non-food
products

11 for food products

2 for organizations
(OEF/OEFSR)

WHERE WE ARE

The pilot phase for food products started in 2014 and will end in 2017 (November?)



WHAT WILL HAPPEN AFTER THE PILOT PHASE?

In 2017, DG Environment will assess the results of the pilot phase. The results of that assessment will feed into the consideration of possible policy options for a follow up.

Looking at the possible timeframe for the beginning of operations of any conceivable follow up structure to be established under Commission auspices – if any – we couldn't expect that be in place before 2020 at the earliest.

Governance structure for 2017-19 (proposal by the EC):

- the role of monitoring and supervising the implementation of the PEFCRs/OEFSRs and the eventual development of new documents remains with the Commission.
- the Technical Advisory Board will continue to play its advisory role
- a new EF Helpdesk would be the technical support in order to manage the EF transition period (2017-2019)

PEF: PROS AND CONS



- Promoted by the European Commission
- Strong stakeholders involvement
- Many cross-cutting issues treated independently from the single PEFCR
- Many PEF-compliant dataset will be made freely available by EC



- PEF is a UE initiative, not world
- PEFCR development is a high time and effort consuming process
- Despite the initial intention, methodology still seems too difficult to foresee a widespread use of PEF by SMEs
- Uncertainty on the future governance

EPD AND PEF: MAIN DIFFERENCES



PEF

- International system
 - Less strict requirements for representativeness in PEFCR development
 - Methodology:
 - 4 indicators (GWP, EP, AP, POCP)
 - No avoided impacts (they only can be reported separately)
 - System expansion not allowed
 - Data sources are only suggested
- EU system
 - High requirements for representativeness in PEFCR development (>50% of the EU market)
 - Methodology:
 - 15 ILCD indicators
 - Avoided impacts from energy and material recovery
 - System expansion allowed
 - Secondary datasets to be mandatorily used are defined

MADE GREEN IN ITALY

- The **Italian Ministry for the Environment** is developing a programme, provisionally named **Made Green in Italy**, to certify products that are both made in Italy and environmental friendly.
- The public consultation of the draft regulation ended in July.
- According to the first draft:
 - the Ministry itself would be the Programme Operator
 - products to be certified Made green in Italy have to be made in Italy (of course) and have a PEF profile (calculated according to the specific PEFCR) better than the benchmark
- Future developments are expected in the next months

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