

Iniziative sulla sostenibilità delle filiere agroindustriali – Environmental Footprint

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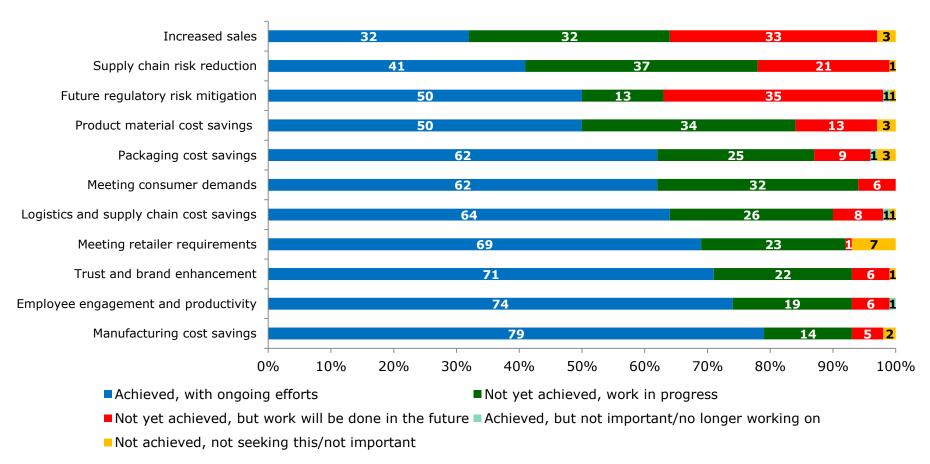
Product Team Leader

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Which business benefits have you achieved and are important to achieve from your company's product sustainability program?



Some figures...



- Lack of consistency: a principle barrier for displaying environmental performance (72.5% stakeholders in agreement)
- Market potential is high: 80% of EU consumers buy green products at least sometimes – 26% buy them regularly
- 89% of EU citizens believes that buying green products makes a difference for the environment
- Only half of consumers find it easy to differentiate green products from other products
- Only half of EU citizens trust producers' claims about the environmental performance of their products
- Most important considerations when buying: quality (97%), price (87%),
 environment (84%)
- 69% of citizens support obliging companies to publish reports on their environmental performance

These figures are taken from the 2013 Eurobarometer on "Attitudes of Europeans towards Building the Single Market for Green Products"

Issues at stake





Proliferation

- Environmental labels
- Reporting schemes
- · Certification schemes

Internal Market

National "tailor-made" legislations

Competitiveness

- Increase of costs due to multiple requirements and restricted access to markets
- Unfair competition/misleading claims

Consumers

Mistrust in company driven green marketing

Environmental Footprint Methods



Environmental Footprint Methods (PEF & OEF):

- A voluntary instrument
- Built on existing methods (including ISO)
- Applicable without having to consult a series of other documents ("one-stop shop")
- Provide comprehensive evaluation along the entire life cycle (from raw materials to end of life / waste management)
- Provides comprehensive coverage of potential environmental impacts (no 'single issue' method)

What's the purpose?



- ✓ Same calculation rules for everybody
- ✓ Same/similar reporting requirements for companies
- ✓ What does it mean to be "green"? or better, when a product can be considered greener than another (including uncertainty)

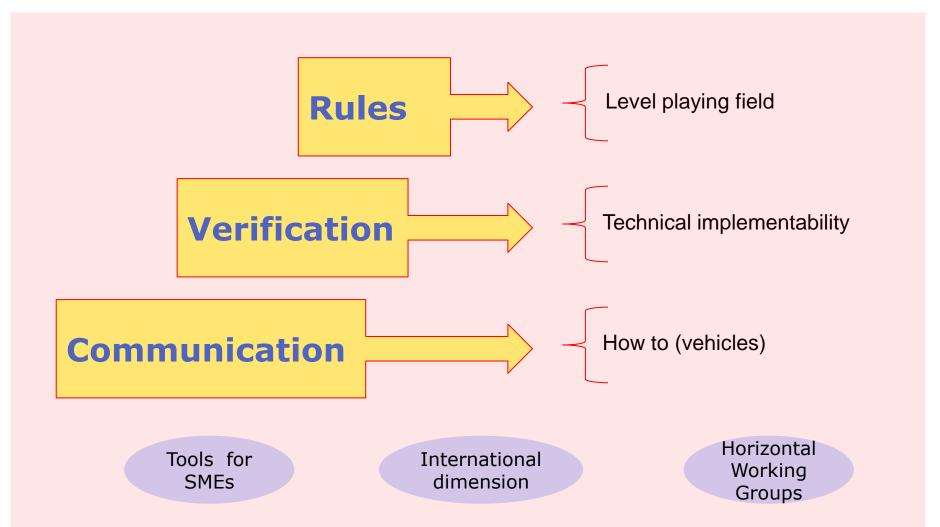
What's the problem?



- ✓ Same calculation rules for everybody
- ✓ Same/similar reporting requirements for companies
- ✓ What does it mean to be "green"? or better, when a product can be considered greener than another

The EF Pilot phase at a glance



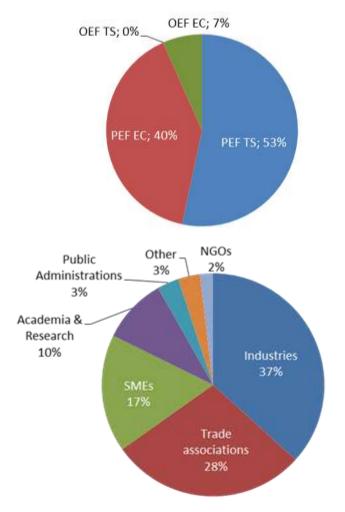


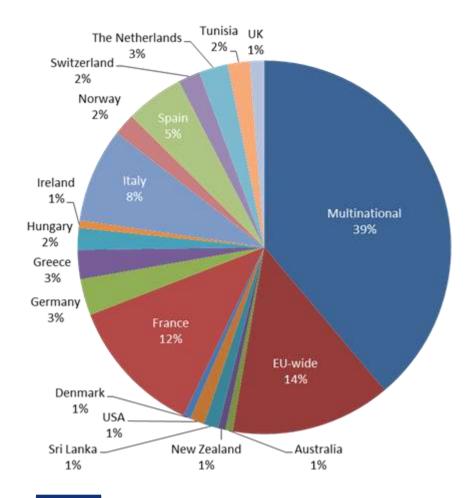
2nd wave



30 applications

Beer, bottled water, canned fruit and vegetables, citrus, coffee, dairy, feed, fish, general food, meat, olive oil, pasta, pet food, seed oil, tea, wine







1st wave of pilots

Batteries and accumulators

Decorative paints

Hot & cold water pipe systems

Liquid household detergents

IT equipment

Metal sheets

Non-leather shoes

Photovoltaic electricity generation

Stationery

Intermediate paper products

T-shirts

Uninterrupted power supplies

Retailer sector

Copper sector

2nd wave of pilots

Leather

Thermal insulation

🗑 Beer

Coffee

Fish

Dairy products

Feed Feed

/ Meat

Pet food

Olive oil

Pasta

Wine

Packed water

Pilot numbers

Furnpean

Commission

120 applications: **22.5%** were selected **= 27 pilots**

Average stakeholders/pilot: 76

Share of non-EU stakeholders: 12%

TS less
than
51%;
75% or
more
market
share;
37%

The EU market <u>is</u> behind the pilots: **73% of pilots have the majority of industry in the lead**

+ PEF is THE news in the scientific community: we get invited to all major international events



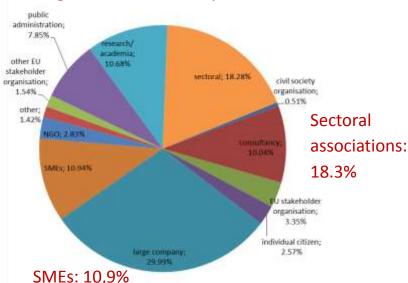
Number of pilot meetings: 1081

Public Administrations: AT, BE, FR, IT, PL, PT, CAN, CH, CL, JP, NZ, TN

Stakeholders (27 pilots):

777 individual stakeholders (2048 participations)

288 leading stakeholders in 27 pilots



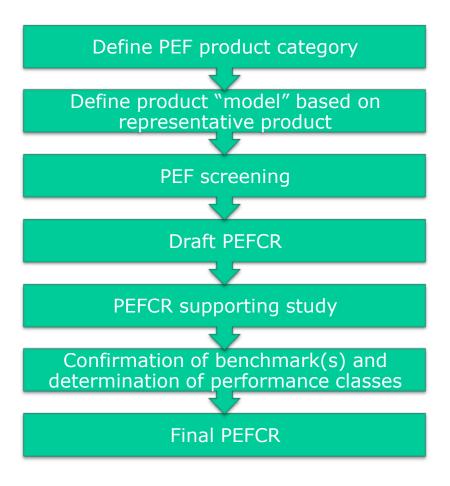
Many are watching

74,197 unique visitors to the <u>SMGP sites</u> since kick-off They have viewed it **249,090 times**

Our <u>webcommenting tool</u> had **20,956 views**Average nr of new stakeholders registering/day: **5**



Development process of PEFCR



The CMWG



Objective: ensure consistency in modelling the cattle as a common element between several EF pilots: dairy, meat, leather, feed and pet food

Final deliverable: 31 December 2014

In case no consensus is reached until that date, a model proposed by the Joint Research Centre will be used

10/07 Kick-off: Presentation of objective, working procedure, deliverables,

etc.

23/07 Telecon

4-5/09 Meeting: Workshop dedicated to presentations from each sector

4-5/11 Meeting: First proposal on allocation

5-6/12 Meeting: Final proposal

Modules



Farm

Model for enteric fermentation emissions, emissions from manure management, definition of the products and services provided by the cow & method of allocation, grassland management

Slaughterhouse

Definition of products, co-products, by-products and waste, allocation between the outputs of the slaughterhouse

Rendering

Definition of products, co-products, by-products and waste, allocation between the outputs of rendering

Other

E.g. harmonised method for the allocation of milk powder

Progress



- Discussion on enteric fermentation:
 - **IPCC Tier 2** method would be recommended, but using the more ambitious, detailed Tier 3 method when possible. Tier 2 takes into account animal numbers and type; Tier 3 considers feed types, organic matter content, digestibilty and animal weight
- Grassland management: following the PEF guide, land use change and carbon sequestration would be quantified but reported separately
- Discussion on allocation in the farm module: no conclusions yet
- Discussion on allocation in the slaughterhouse and rendering modules: no conclusions yet (definitions to be clarified)

LCI Data availability



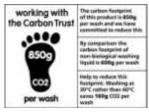


Do we need data before being able/authorised to set up a policy?

OR

We need a policy to drive data production?

Vehicles







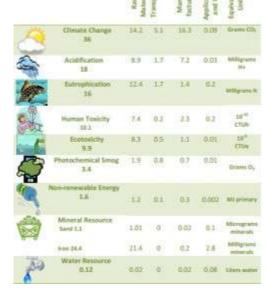














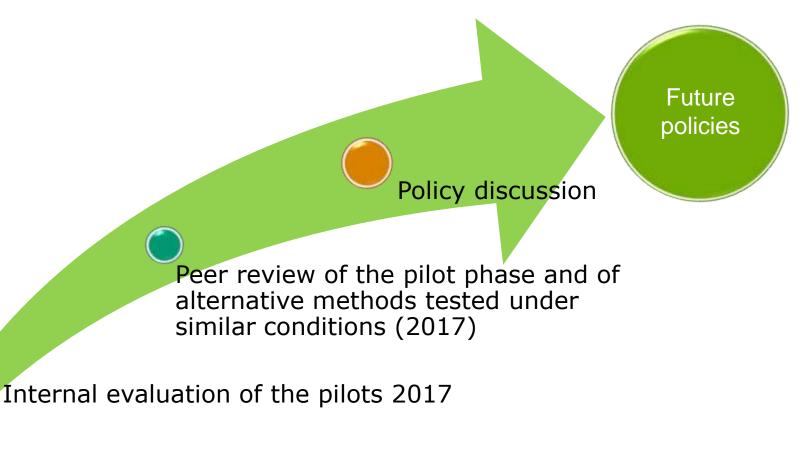






2nd phase









For any jurtner information

http://ec.europa.eu/environment/eussd/smgp/
https://webgate.ec.europa.eu/fpfis/wikis/display/EUENVFP/

env-environmental-footprint@ec.europa.eu



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Michele Galatola

Technical Advisory Board chair Construction Products WG chair Contact for JRC EF work



EF Team Leader

Intermediate paper products



Hot & cold water pipe systems



Thermal insulation



Pet food



Leather



Meat



Feed



Dairy products



EF Helpdesk contact TAB and construction products back-up



Metal sheets



Jiannis Kougoulis

Copper sector



Batteries and accumulators



Coffee Fish

Non-leather shoes



Uninterrupted power supplies



Péter Czaga









Communication phase Wiki & Web SME tool



Photovoltaic electricity generation



Liquid household detergents



TIT equipment



Stationery



Retailer sector



Packed water





Pasta



Steering Committee Secretariat International outreach

Verification contract



Elena Miranda Perez

Administrative support (meetings, reimbursements, missions, etc.)