



Towards harmonization of environmental footprinting methodology for feed

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EATIP General Assembly
3 April 2014

FEFAC in a nutshell

- Created in 1959 – 50th Anniversary in 2009
- Represents industrial compound feed and premixtures manufacturers
- 28 Members:
 - 23 Member Associations from 22 EU Member States
 - 3 Observer Members (Turkey, Serbia, Russia)
 - 3 Associate Members (Switzerland, Norway, EMFEMA)
- 153 mio. t of industrial compound feed in EU-28 in 2012
- 7 Technical Committees to assist the FEFAC Council
 - Animal Nutrition
 - Industrial Compound Feed Production
 - Premix & Mineral Feed
 - European Feed Manufacturers Guide (EFMC)
 - Fish Feed
 - Milk Replacers
 - Sustainability: **NEW !**



Active Members

VFÖ	Austria	1995 (1964)
APFACA/BEMEFA	Belgium	1959
BFMA	Bulgaria	2013
CFIA	Croatia	2013 (2008)
CFA	Cyprus	2004 (2003)
CMSOZZN	Czech Republic	2004 (2000)
DAKOFO	Denmark	1973
FFDIF	Finland	1995 (1993)
SNIA	France	1959
DVT	Germany	1959
HGFA	Hungary	2012
ASSALZOO	Italy	1959
IGFA	Ireland	1973
LGPA	Lithuania	2005
NEVEDI	The Netherlands	1959
IZP	Poland	2004 (2001)
IACA	Portugal	1986 (1976)
AFPWTC	Slovakia	2004 (2003)
GZS	Slovenia	2004
CESFAC	Spain	1986
FS	Sweden	1995
LANTMÄNNEN	Sweden	1995
AIC	United Kingdom	1973

(observer as from ...)

Observer Members

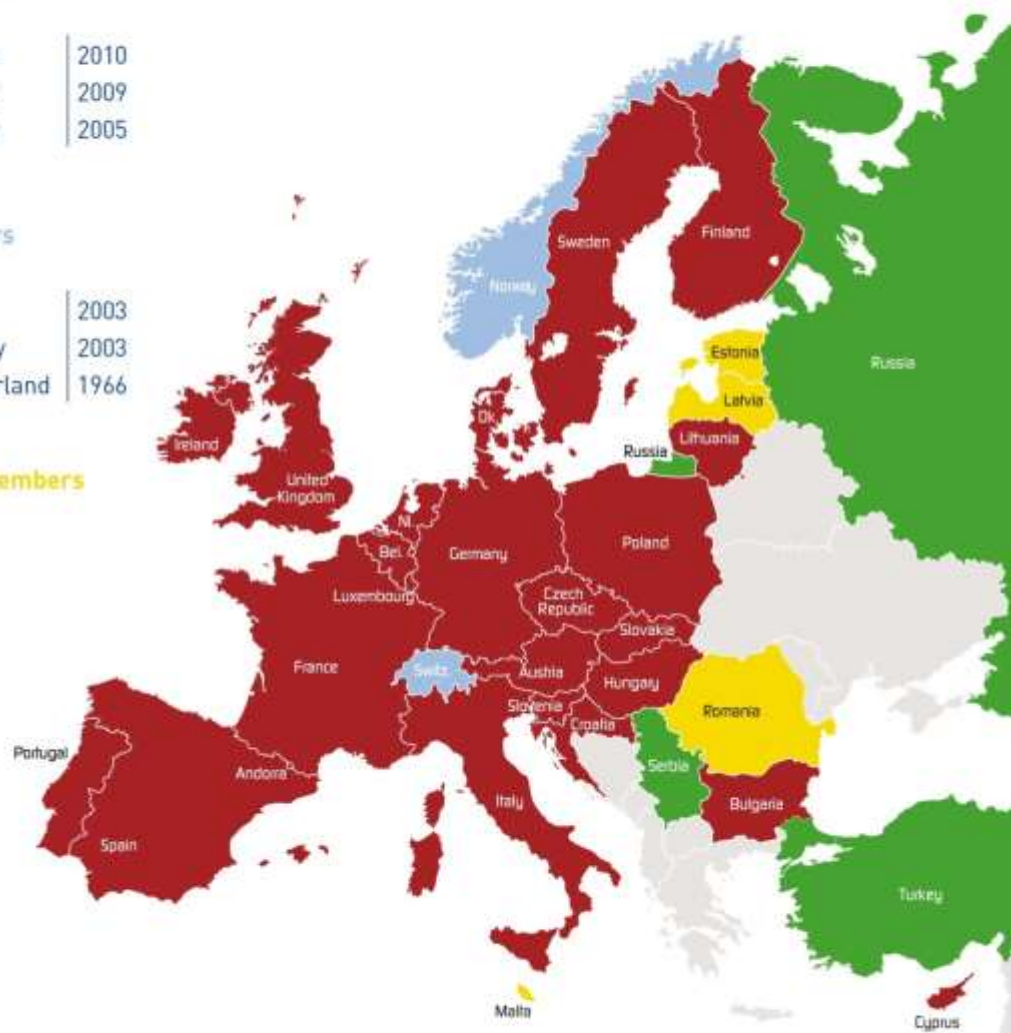
RUFM	Russia	2010
SFMA	Serbia	2009
TURKIYEM	Turkey	2005

Associate Members

EMFEMA		2003
FHL	Norway	2003
VSF	Switzerland	1966

Potential Active Members

Estonia
Latvia
Malta
Romania



The need to measure the impact on the environment

- Feed and livestock industry under pressure
- Need to communicate on reliable figures
- No green washing
- Common methodology is a pre-competitive issue and is part of customers expectations
- Sustainable development is an opportunity !



Harmonization: a success factor for environmental footprinting

- Environmental footprinting is complex.
- Results are highly correlated to assumptions and methodology used.
- Need for global harmonization !



Harmonization of environmental footprinting: FEFAC activities

- At EU level: Food SCP Round Table (ENVIFOOD Protocol)
 - Scientifically reliable and uniform methodology for food and drinks



- International level (FAO) :
 - first feed-specific LCA guidelines which reflect a consensus among partners in the multi-stakeholder process, including the FAO, national governments, private sector organisations as well as NGOs
 - Database on GHG emissions associated with feed crops



EUROPE 2020 Strategy

Delivering more sustainable consumption and production

- By 2020, right incentives for citizens to choose the most resource efficient products and services, through appropriate price signals and clear environmental information
 - Product Environmental Footprint (PEF) published in April 2013
- EC Communication on sustainable food expected in 2014 (strong focus on food waste)
- Ensure more environmental friendly products on the EU market
- Promote sustainable consumption



Building the Single Market for Green Products

- General objective: improve the availability of reliable information on the environmental performance of products and organisations
- Specific objective: promote the use of a common methodology to assess and communicate the environmental performance of products and organisations
- Operational objectives
 - Launch 2 methodologies, simple but also robust, one for products, one for organisations
 - Encourage the take-up of the methodologies in MS and by private sector
 - Develop PCR through an open, transparent, multi-stakeholder process



Main proposals

- Two methods to measure environmental performance throughout the life cycle: the PEF and the OEF
- Recommendation of a voluntary use of these methods by MS and companies
- Three-year testing period to develop product and sector-specific rules aligned with these methods
- Principles for communicating environmental performance
- Support for international efforts towards more coordination in methodological developments and data availability



Application of the EU feed industry to the PEF pilot

- Consortium of 20 members
- Input for other livestock-related applications (fish, meat, dairy)

Feed associations

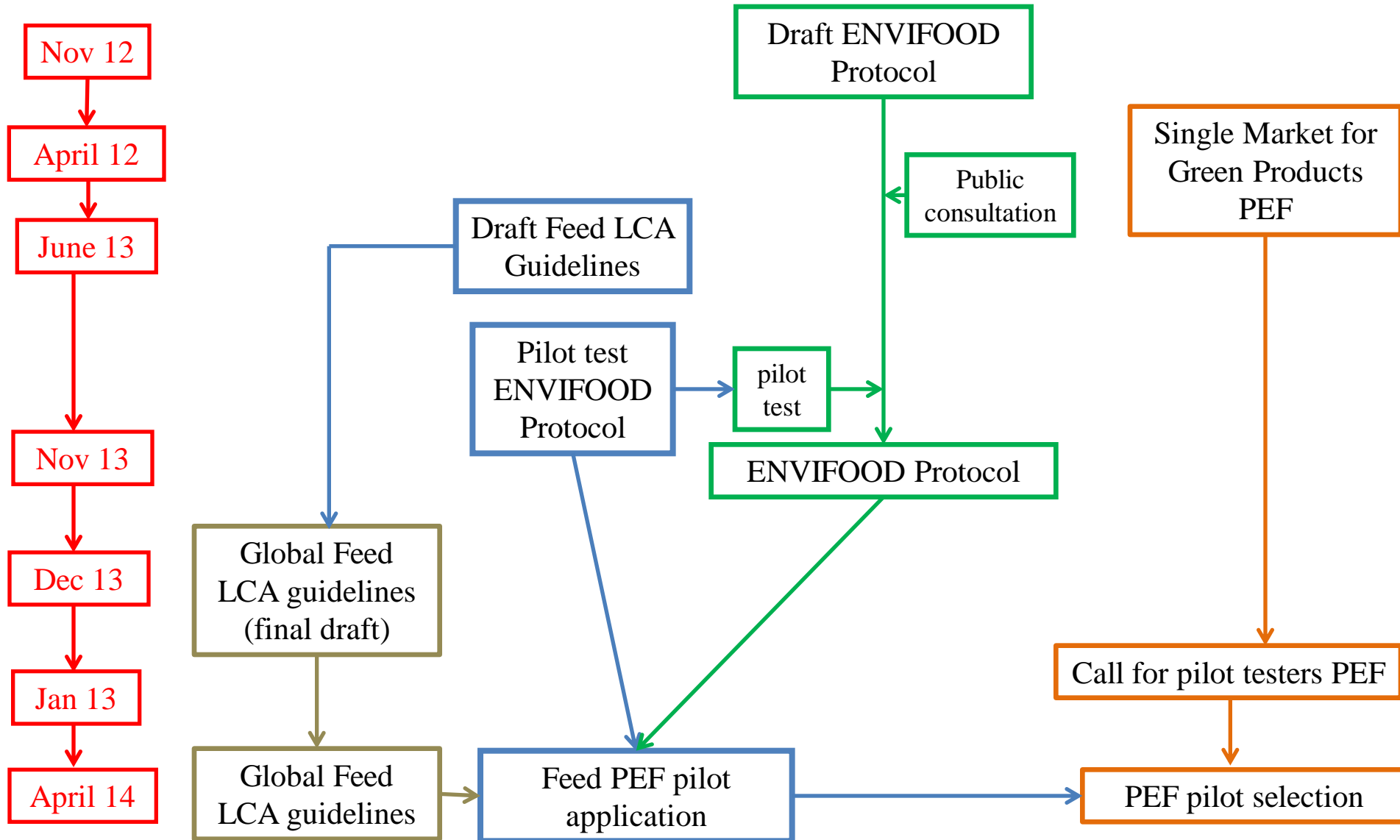
- FEFAC
- FEFANA
- Snia
- Assalzoo
- DVT
- Nevedi
- FHL

Feed companies

- ForFarmers
- AB Agri
- Agrifirm
- Denkavit
- Sanders
- DVT
- Union Agricole
- Evonik
- DSM

Upstream and downstream partners

- Fediol
- UECBV
- FEAP
- FAO



Challenges for the PEF pilot

- Meeting EC's requirements while keeping recommendations understandable and applicable by feed operators
- Determining scope for meaningful and relevant comparisons
- Finding consensus among partners of feed and food chain



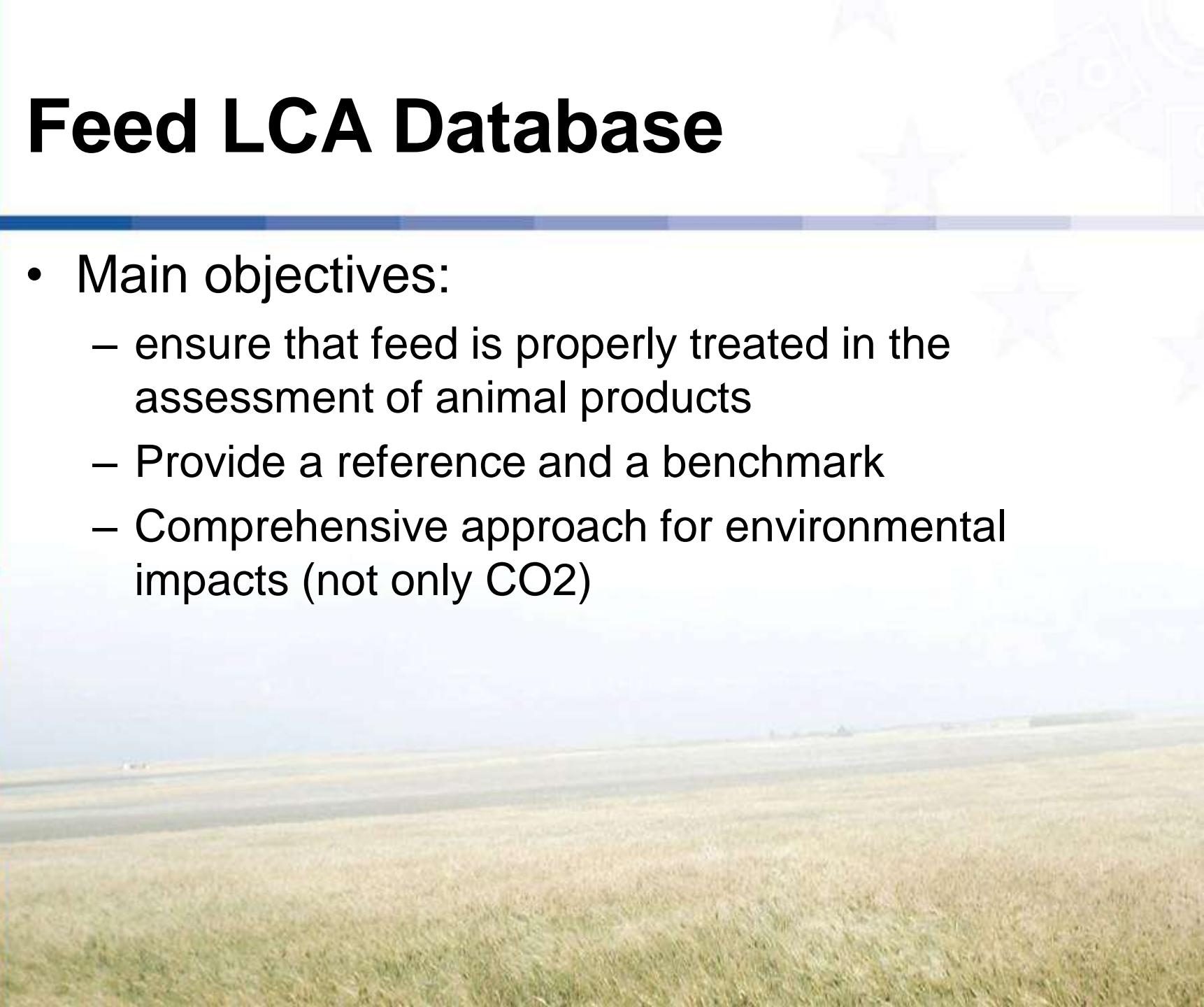
How will aquaculture benefit from the feed PEF pilot?

- Consistent methodological approach for feed ingredients across species
- Scientific investigations on fish feed-specific topics, e.g. depletion of marine resources
 - Wasted Potential Yield (WPY) already identified as starting point



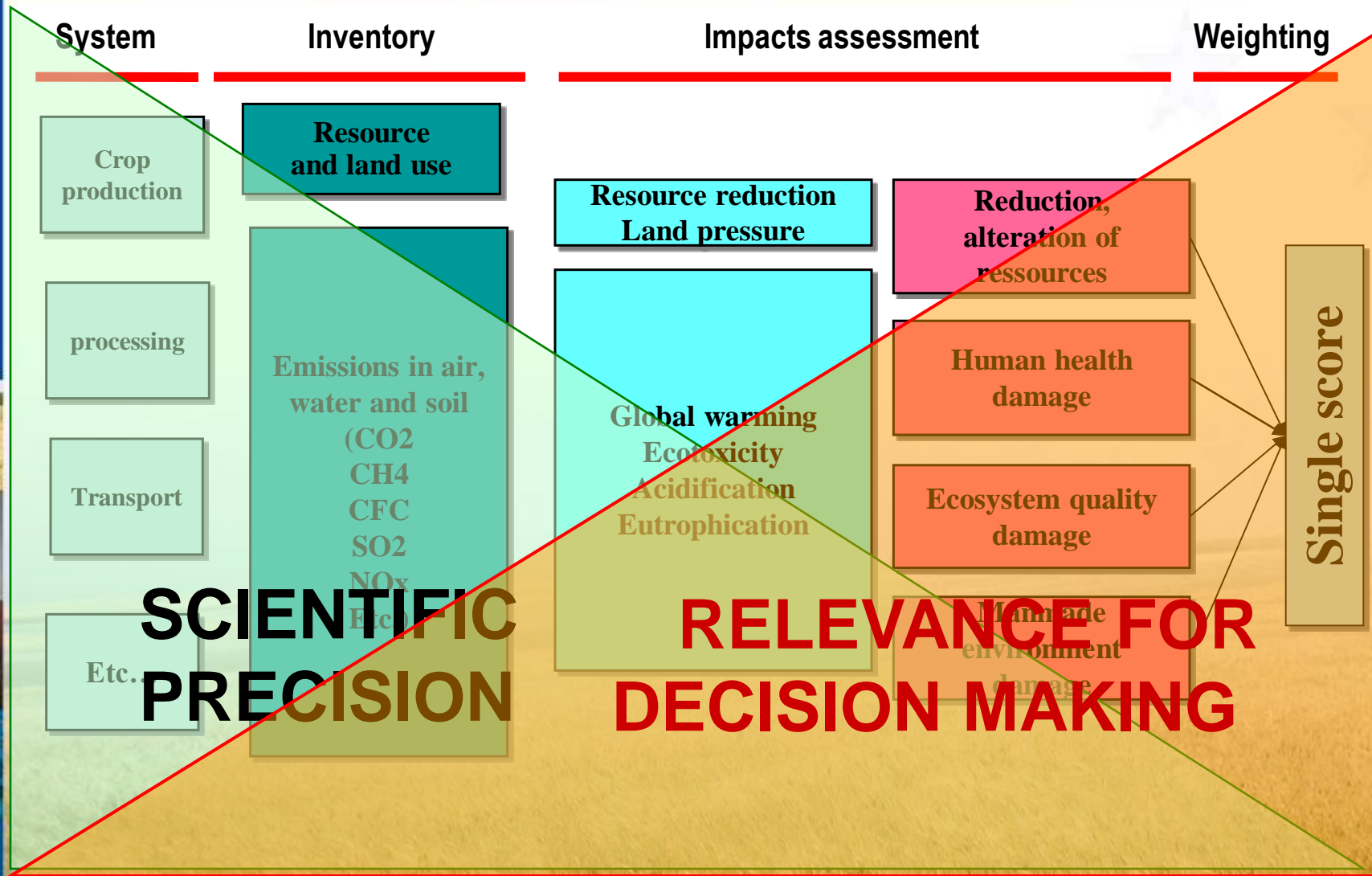
Feed LCA Database

- Main objectives:
 - ensure that feed is properly treated in the assessment of animal products
 - Provide a reference and a benchmark
 - Comprehensive approach for environmental impacts (not only CO₂)



How to find the right balance?

Source: Humbert, 2012



Walking on the road to sustainable feed for sustainable food



Thank you for your attention
Questions? nmartin@fefac.eu

FEFAC

Fédération Européenne des
Fabricants d'Aliments Composés

Europäischer Verband
der Mischfutterindustrie

European Feed
Manufacturers' Federation

