

PEFCR for cut flowers and potted plants: Update for the EF TAB members (EC expert group E03710)

Roline Broekema (WUR) with contributions from members of the Technical Secretariat

23 March, 2021

8th Regular meeting of the Environmental Footprint Technical Advisory Board (E03710, EF TAB) of the EC



TS members

- Royal FloraHolland - Trade association cut flowers and potted plants

TS-lead

- Wageningen Economic Research – Independent Research Institute

Project coordinator

- UnionFleurs – International Flower Trade Association
- Stichting MPS – Developer of standards
- Natuur&Milieu – NGO
- Blonk Consultants – LCA consultancy
- Pré Sustainability – LCA consultancy and software developer

New TS members

Two new organizations have joined the TS:

1. FSI

The Floriculture Sustainability Initiative (FSI) is a market-driven initiative that brings together members of the international floriculture sector.

2. GroentenFruit Huis

GroentenFruit Huis is an NGO and represents the interests of companies that are active in the sales of fruit and vegetables.

*In preparation of future
PEFCR developments for
fruits and vegetables*



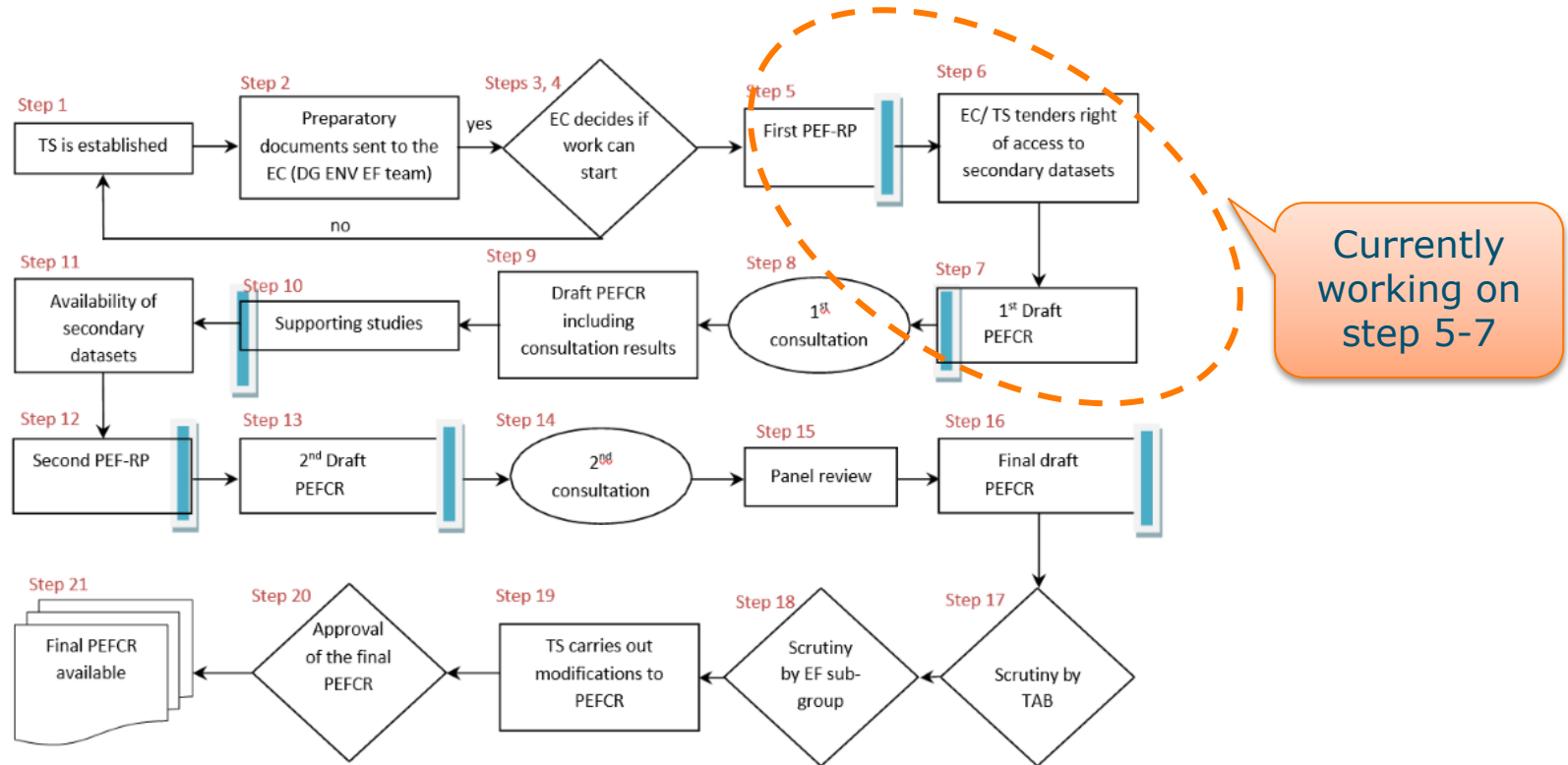
Experiences and support TS members

With this group we have:

- ✓ Good knowledge of developments in the sector
- ✓ Experience with farm data collection
- ✓ Access to data for representative products
- ✓ Access to front running companies for supporting studies
- ✓ Possibility to target relevant stakeholders for public consultations
- ✓ Preparation of the sector for rolling out the FloriPEFCR after publication
- ✓ Solid LCA expertise

Relevant for last point on the TAB agenda:
Need of experts for the AWG milestone 6.

Process and planning



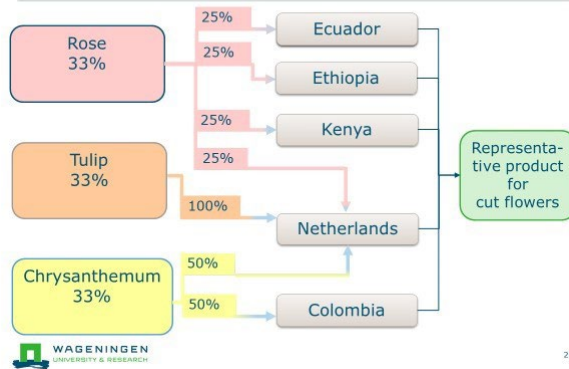
Representative Product Studies

It has been a challenge to find representative data from Africa and South-America

Two representative products:

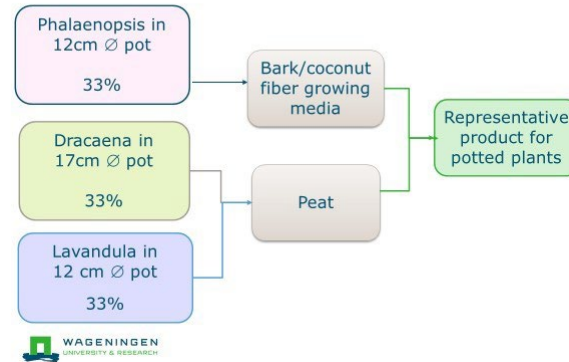
- Cut flowers – data collection and modelling
- Potted plants – almost finalized

RP for cut flowers



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RP for potted plants

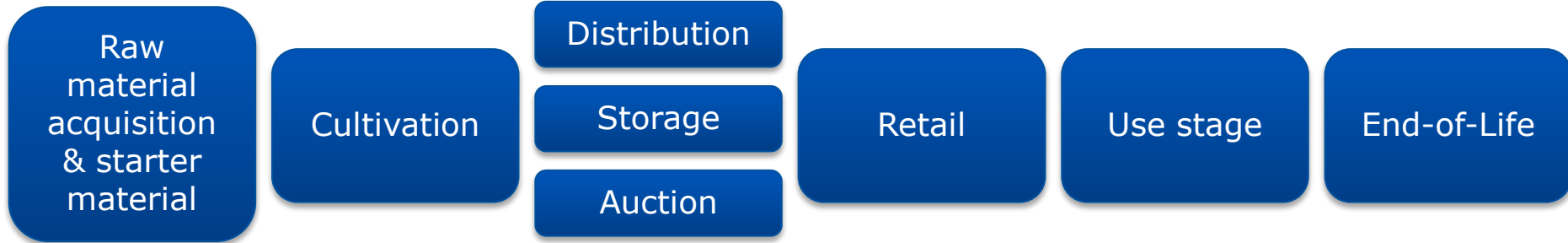


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Representative product studies

Identify the following life cycle stages:

We are investigating whether data availability allows division between distribution and storage.



Drafting 1st version of FloriPEFCR

- Hortifootprint (Helmes R. et al. 2020) used as starting point.

On 20 July 2020 a consortium of companies presented the report 'HortiFootprint Category Rules' (HFCR). This report contains calculation rules for calculating an environmental footprint of horticultural products for both ornamentals and fruit and vegetables.

- Methodological challenges following from the RP studies.
 - Combined Heat and Power (CHP) modelling
 - Use of purified CO₂ in greenhouses

On the agenda
later during this
TAB

Preparation of next steps - reviewers

EU grant application to cover review budget.



Waiting on approval!

Risk: Need to postpone public consultation because reviewing of RP studies and draft PEFCR has not been finalized in time.

We are contacting reviewers – although we can still not contract them.

- ✓ one LCA expert
- ✓ one industry expert
- ✓ one representative from NGOs.

Preparation of next steps – public consultation

- ✓ Identifying relevant stakeholders for personal invitations
 - Targeting front runners with experience in data collection
- ✓ Preparing communication materials to invite stakeholders
 - Via:
 - UnionFleurs
 - Stichting MPS
 - FSI
- ✓ Updating project webpage

Preparation of next steps – supporting studies

Aim: to test the 1st draft of the FloriPEFCR after 1st public consultation.

- ✓ Identifying horticultural companies to take part in supporting studies
 - UnionFleurs, FSI and Stichting MPS to suggest companies

Targeting companies:

- Different crops than RP studies
- Different regions than RP studies
- Different cropping systems than RP studies

Concluding

- RP studies are ongoing, and little behind on schedule.
- PEFCR draft is under construction.
- Reviewers are being contacted.
 - **RISK!** due to late approval of EU grant
- Public consultation is in preparation.
- Companies for supporting studies are being identified.

We expect to need to shift the planning.

Secretariat Technical
Committee

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Project

Developing Product Environmental Footprint Category Rules for floriculture

Reliable insight into the environmental footprint of horticultural products provides great opportunities, such as comparable outcomes, harmonized tooling and tackling false claims. With this project, we aim to achieve harmonised rules for calculating the environmental footprint of potted plants and cut flowers in the framework of the European Commission's Product Environmental Footprint. Under the leadership of Royal FloraHolland and the involvement of the Technical Secretariat this



Do you have a question about product environmental footprint category rules for floriculture? Ask our expert: R (Roline) Broekema MSc

[Contact form](#)

Project information

Public-Private Partnership project HortiFootPrint: 'Methodology for environmental footprint'

Project code: BO-61-001-007, BO-49-002-012

Status: Completed

Start project: Oct 1, 2019

End project: Dec 31, 2022

Client(s): Dutch Ministry of Agriculture, Nature and Food Quality, European Commission LIFE program, Royal FloraHolland, Dutch Fresh Produce Centre

Partners: [Wageningen Economic](#)