



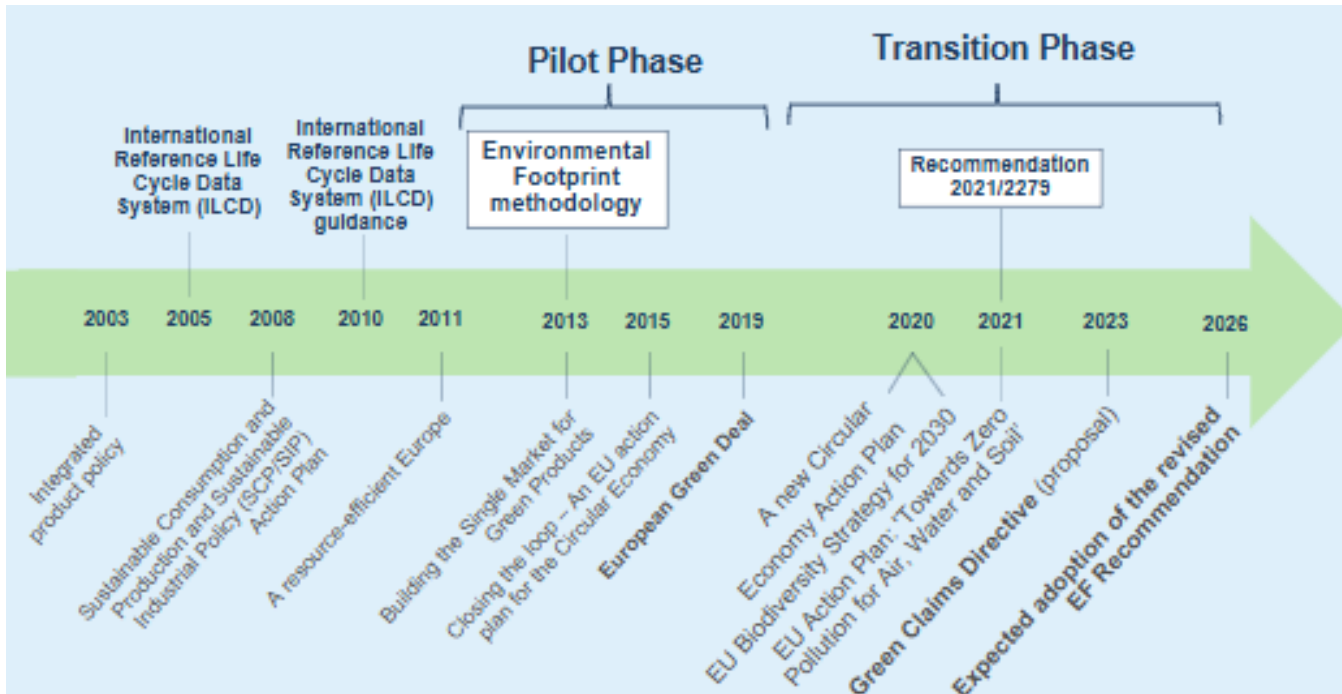
# Life Cycle Assessment



- Analysis (and reduction) of **environmental impacts**, trade-offs and burden-shifts
- Address other **sustainability** aspects
- Several **uses**
  - Eco-design and value chain management
  - Research & Innovation
  - Reporting/communication
  - Policy making

# Environmental Footprint methods

- **Recommendation (EU) 2021/2279** for products (PEF) and organisations (OEF)
- “360-degress” **harmonised methods**: LCIA, modelling rules, data
- Consolidated **multi-stakeholder processes**
- **Broad application** from agrifood to space
- Used for **EU legislation** on carbon/environmental footprint

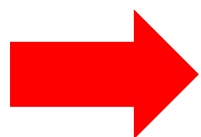






## Priorities for the future of LCA/EF methods

1. **Methodological developments** to fulfill policy needs (e.g. Green Claims Directive proposal)
2. Pursue **coherence, consistency and harmonization** (e.g. carbon footprint, EOL)
3. **Mainstream the implementation**
  - Address SMEs, use in EU policies and other applications
  - Work on rules, data, tools, training



- **Review EF Recommendation**
- **EF datasets**

# Conclusions

1. The maturity age of LCA/EF and **the moment of “truth”**
2. **Find balance of contrasting needs:** harmonization, simplification, scientific coherence, operationality, political winds
3. **EU policy framework as global reference** (e.g. ESPR, CPR, CBAM, Batteries)
4. **Collaboration and exploitation of synergies** more important than ever

# THANK YOU!

**ENV website:** [Environmental Footprint methods](#)

**JRC website:** [European Platform on LCA \(EPLCA\)](#)

**EF TAB:** [Register of Commission expert groups](#)

**Circular economy:** [Circular economy](#)

**Green claims:** [Green claims](#)



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