

European Platform on LCA



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Life cycle thinking is fundamental to sustainable resource and materials management



Sustainable resource and materials management



Life cycle thinking in EU policies - examples



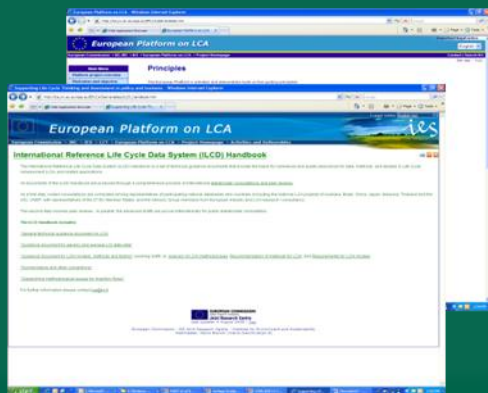
European Platform on LCA

- rooted in the EU policy (IPP, SCP)
- supports existing and future policies
- supports business
- more robust LCAs
- better availability of consistent and quality-assured data and assessments

Resource directory

Website

User forum

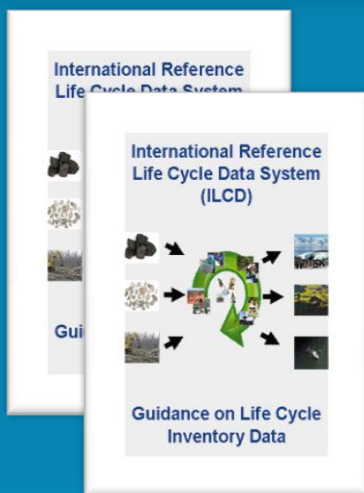


European Reference Life Cycle Database (ELCD)



International Reference Life Cycle Data System (ILCD)

Handbook



Data Network



International Reference Life Cycle Data System (ILCD) Handbook



ISO 14040, 14044

Overarching Guidance -
Life Cycle Data and Methods

Emissions and Resource
Inventory Guidance

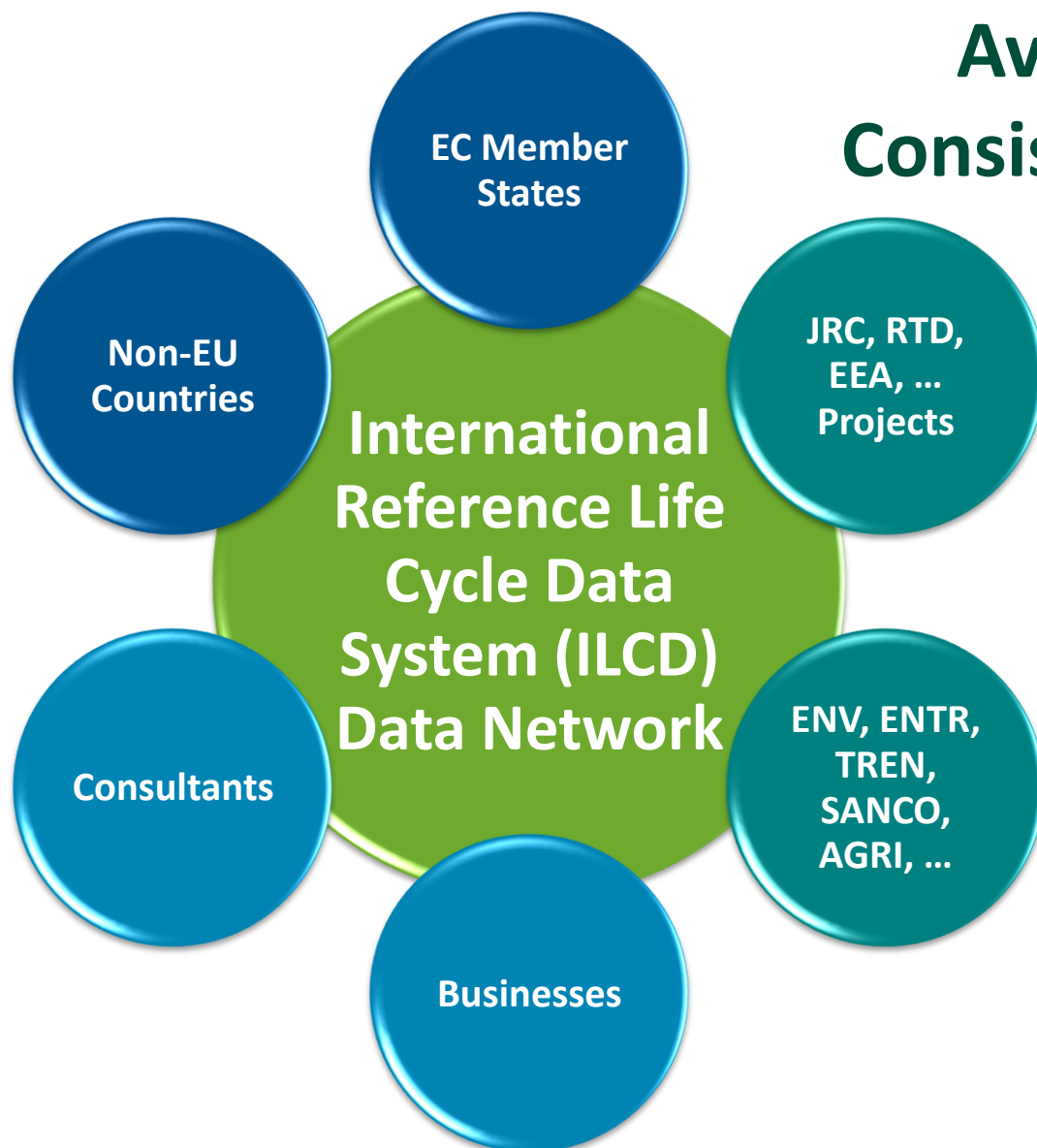
Impact Assessment
Guidance

Documentation, Nomenclature, Terminology

Application/Sector Specific
Guidance Documents

Review/Verification

Availability, Robustness, Consistency, Quality Assurance



- **Decentralised database**
- **Emphasis on the provider for the consistency and quality**
- **Supporting Tools**
- **Requirements based on ILCD Handbook**

European Reference Life Cycle Database (ELCD)

Content

- 350 data sets , 150 core goods and services, EC market

Scope

- Core materials, energy , transport, end-of-life services

Data

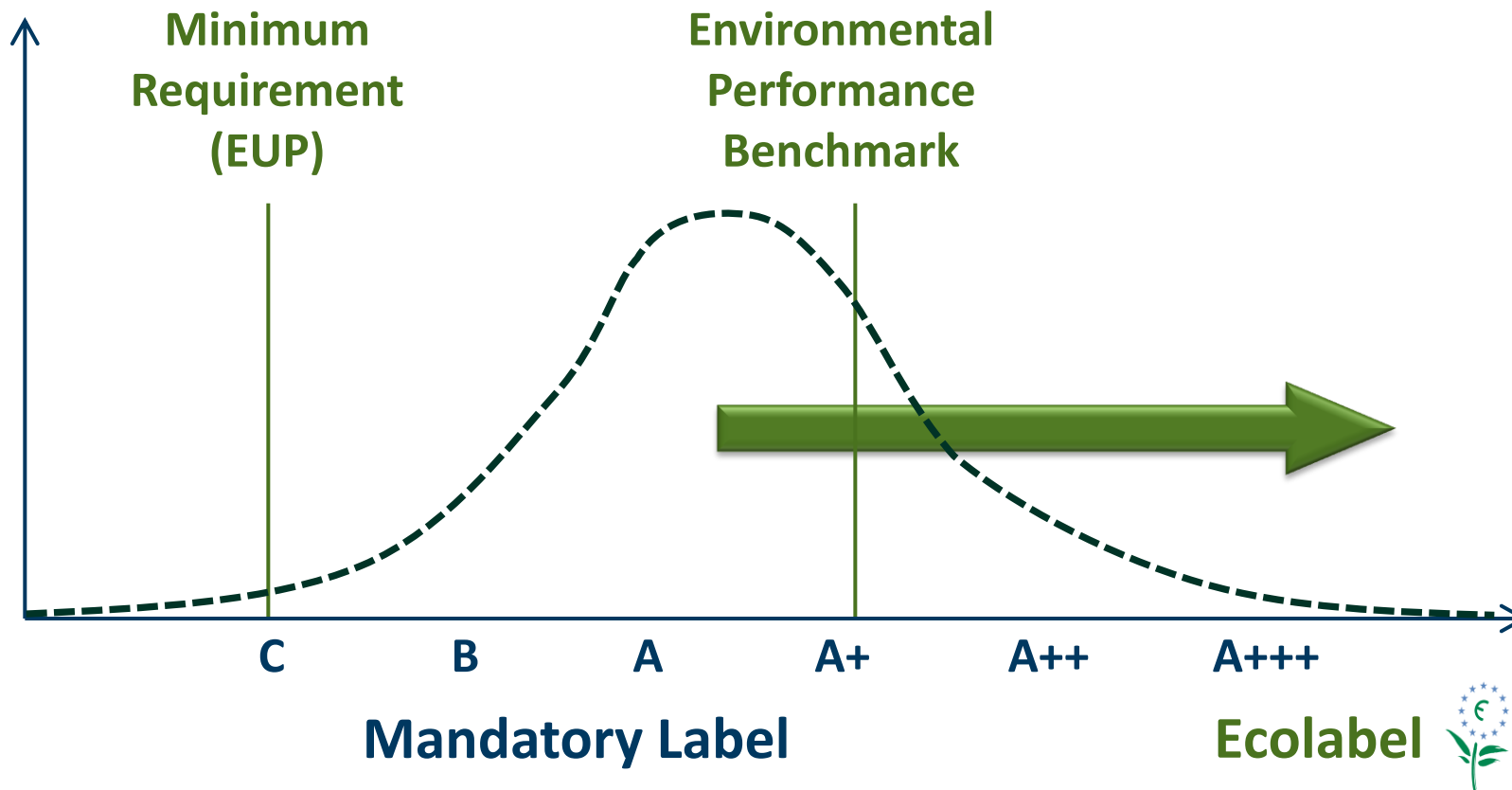


In preparation



Continuous Improvement of Products

Ecodesign Directive



Related application and ongoing projects

-  Life cycle based indicators for measuring eco-efficiency
-  Carbon footprint
-  Waste
-  Biofuels
-  Food

Further information

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ILCD Handbook and Data Network

<http://lct.jrc.ec.europa.eu>