

THE LIFE CYCLE



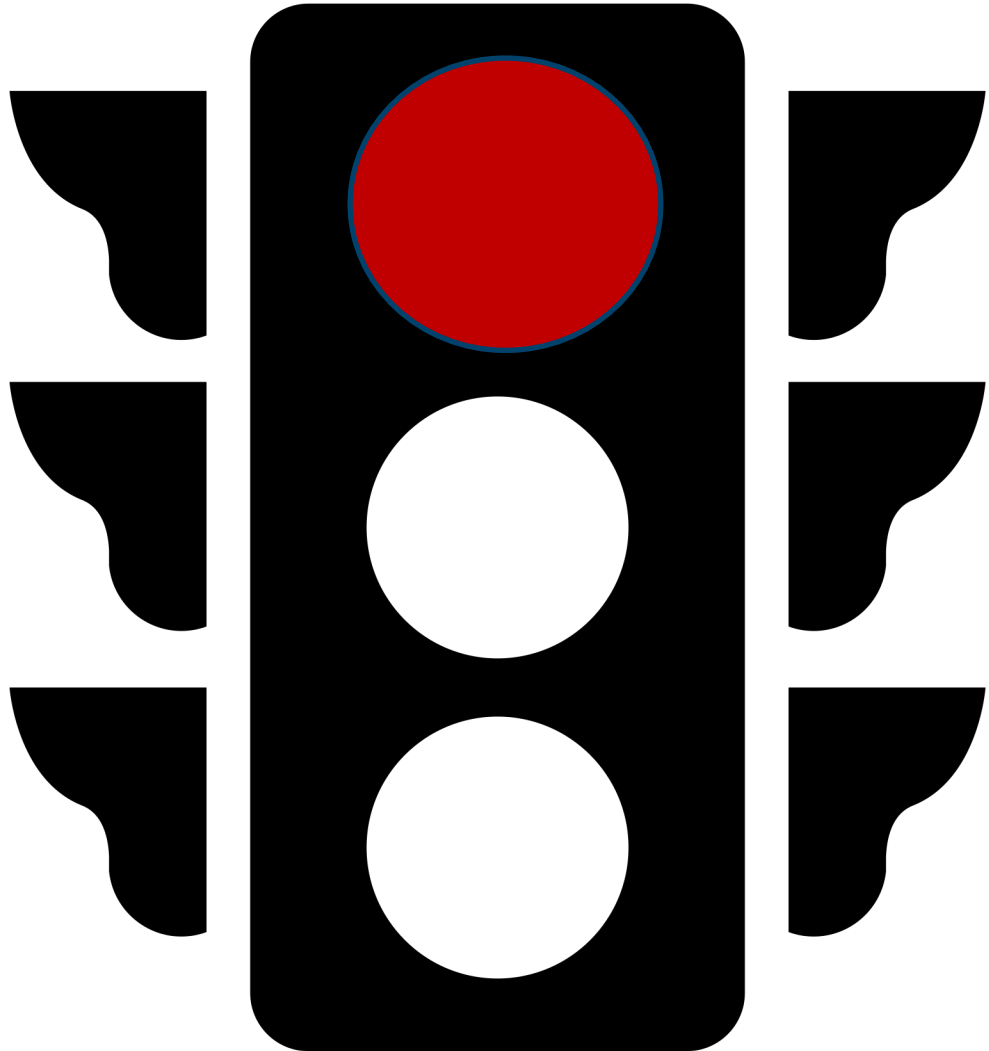
measured by

CATAS

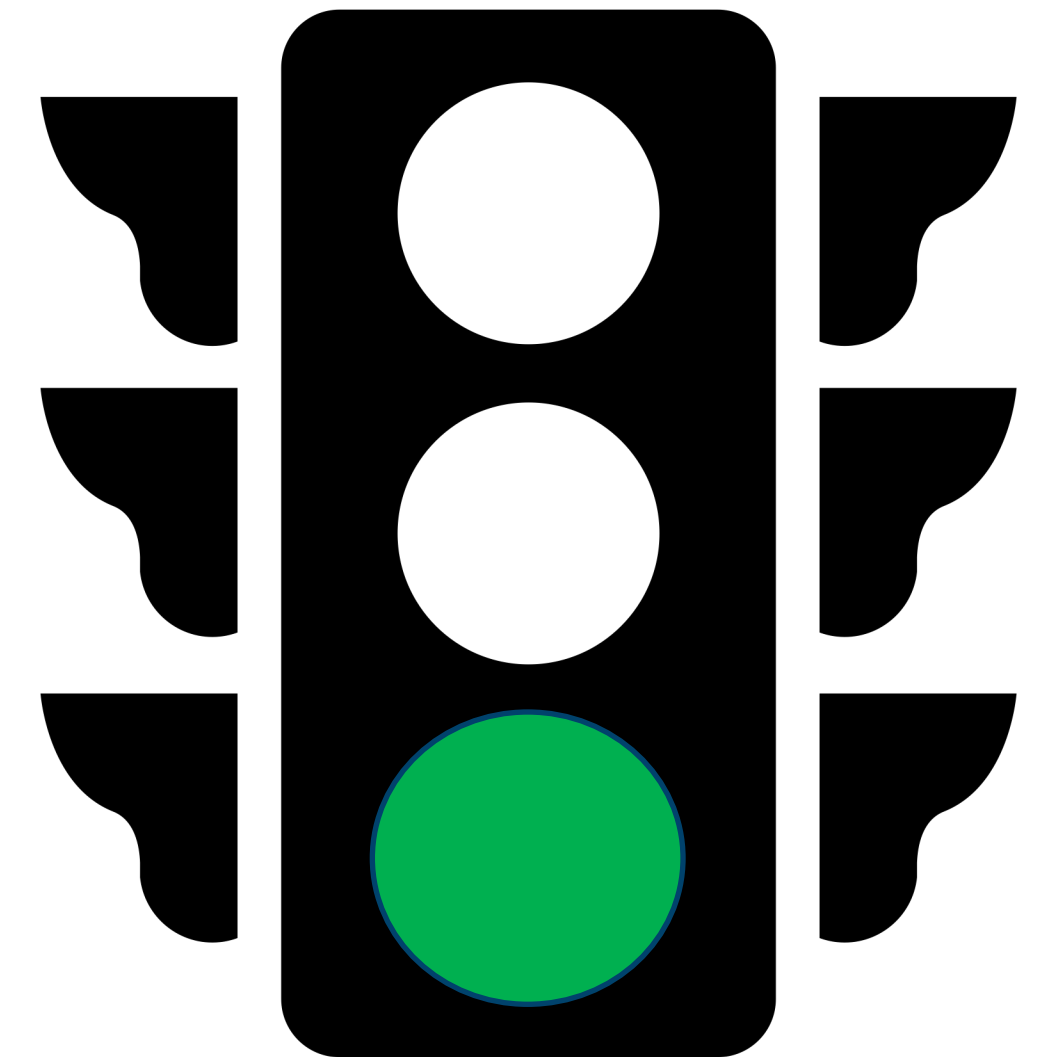




AUTODICHIARAZIONI AMBIENTALI



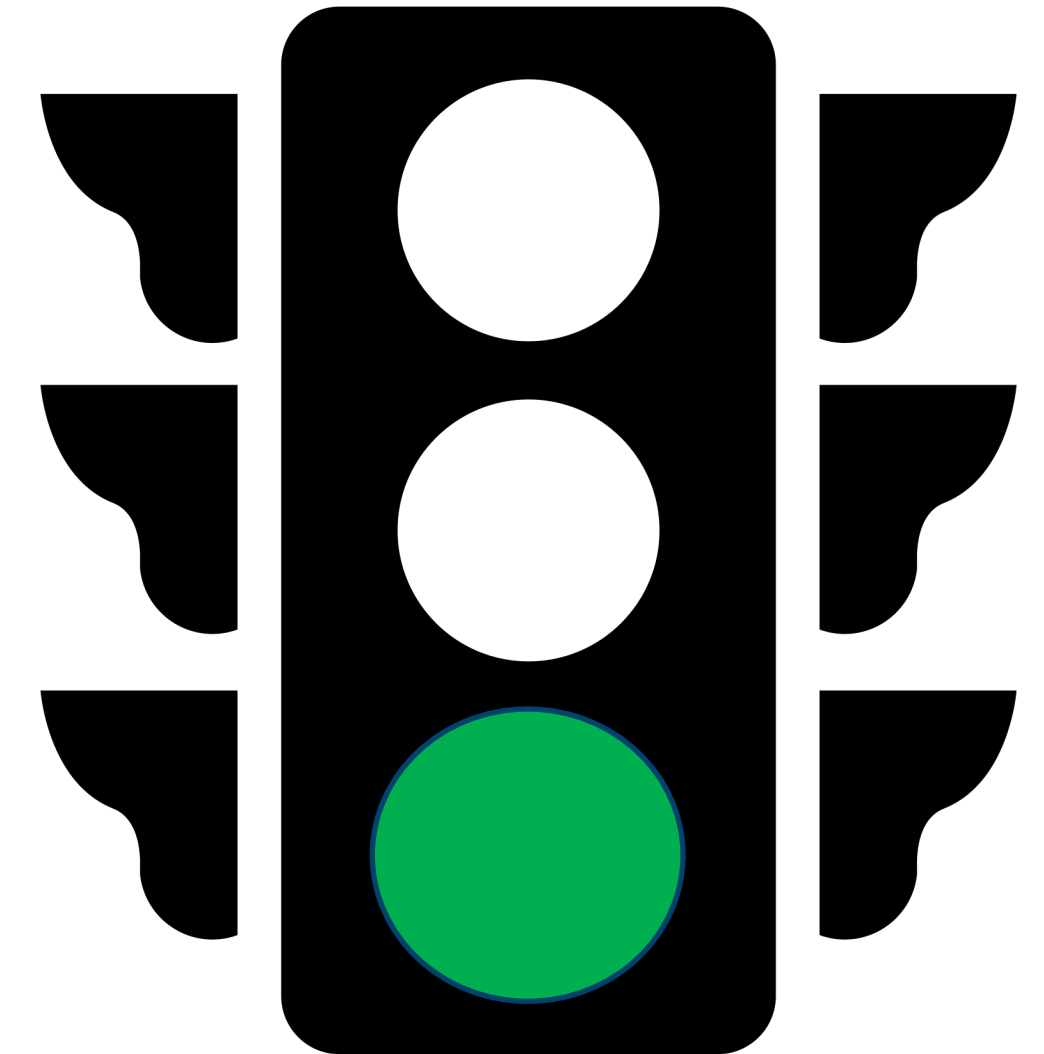
CERTIFICAZIONI AMBIENTALI



DICHIARAZIONI AMBIENTALI



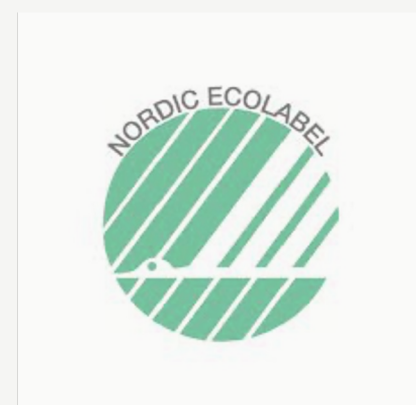
CERTIFICAZIONI AMBIENTALI



DICHIARAZIONI AMBIENTALI



CERTIFICAZIONI AMBIENTALI



...

... signal a manufacturer's commitment

to measuring and reducing

the environmental impact of its products

and report these impacts

in a hyper-transparent way ...

DICHIARAZIONI AMBIENTALI

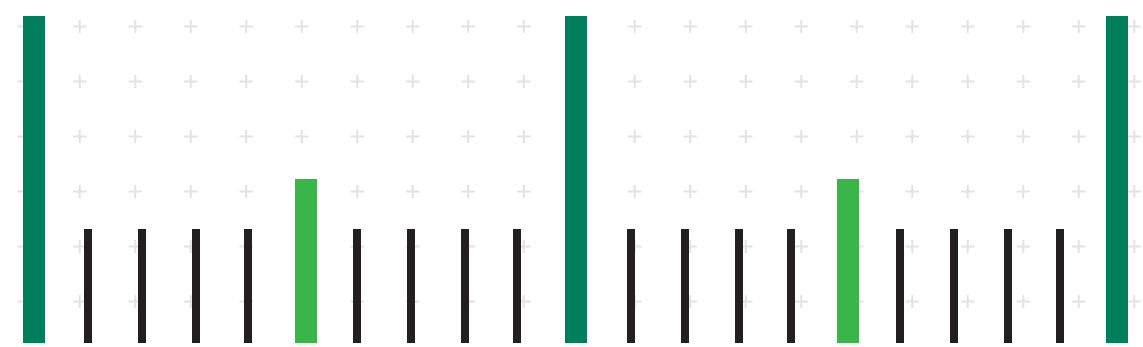


THE INTERNATIONAL EPD® SYSTEM

...

LCA

Life **C**ycle **A**ssessment



Measure

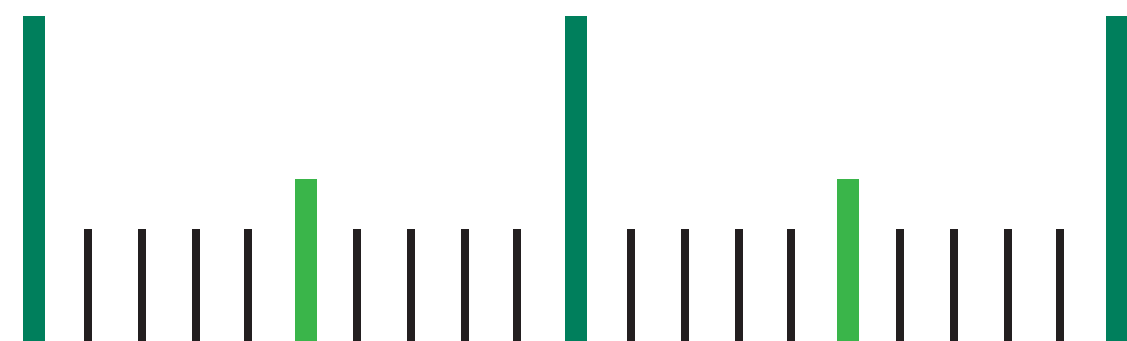
Reduce

Report

LCA

Life Cycle Assessment

PANNELLO MDF	
Global warming	643,1 kg CO ₂
Acidification	4,395 kg SO ₂
Eutrophication	1,144 kg PO ₄ ³⁻
Photochemical Oxidant formation	5,188 kg NMVOC
Abiotic depletion	7,362x10 ⁻³ kg Sb
Abiotic depletion (fossil fuels)	1,14x10 ⁴ MJ
Water Use	689,9 m ³

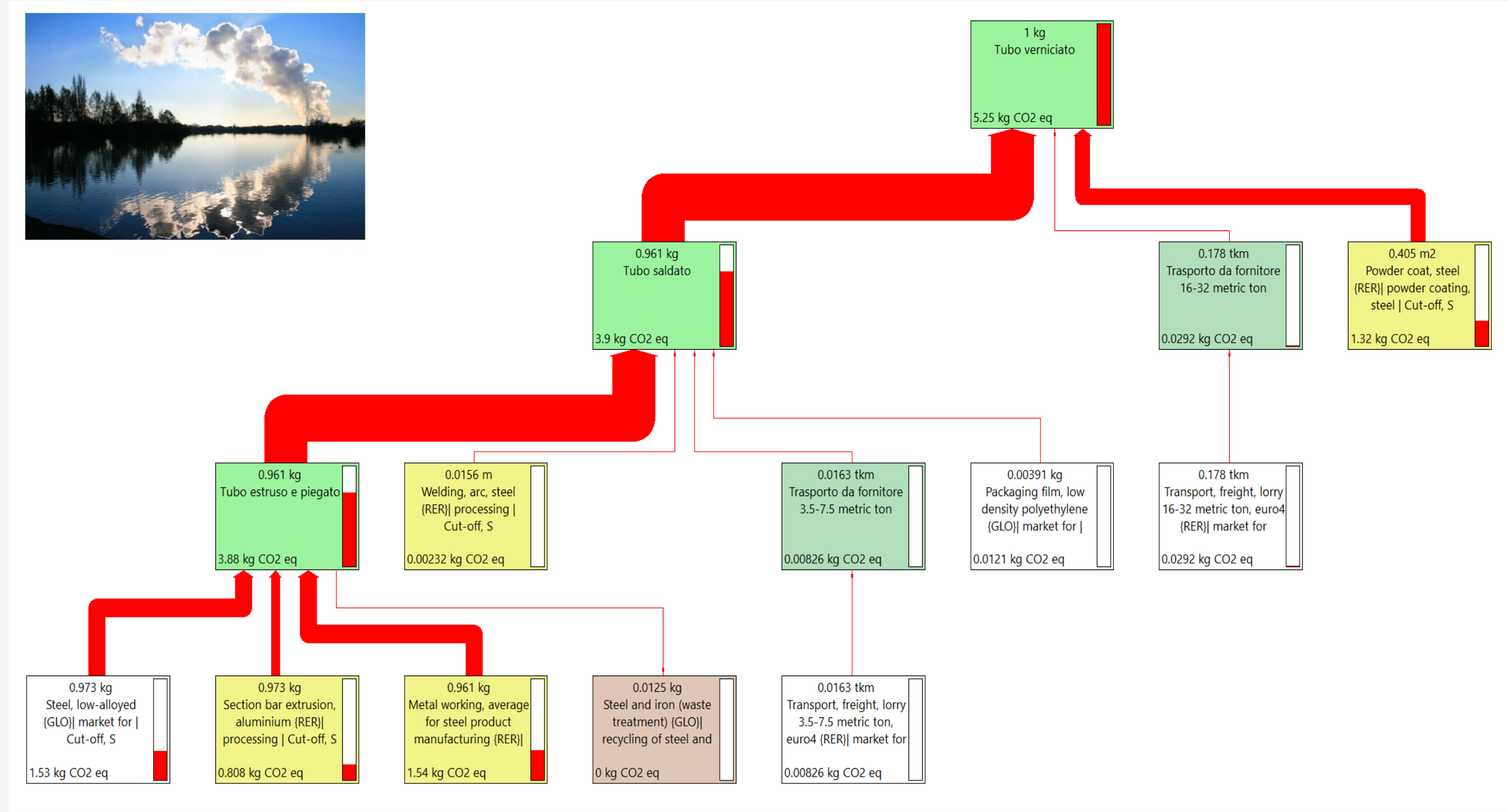


LCA

Life Cycle Assessment



EMISSIONI CO₂

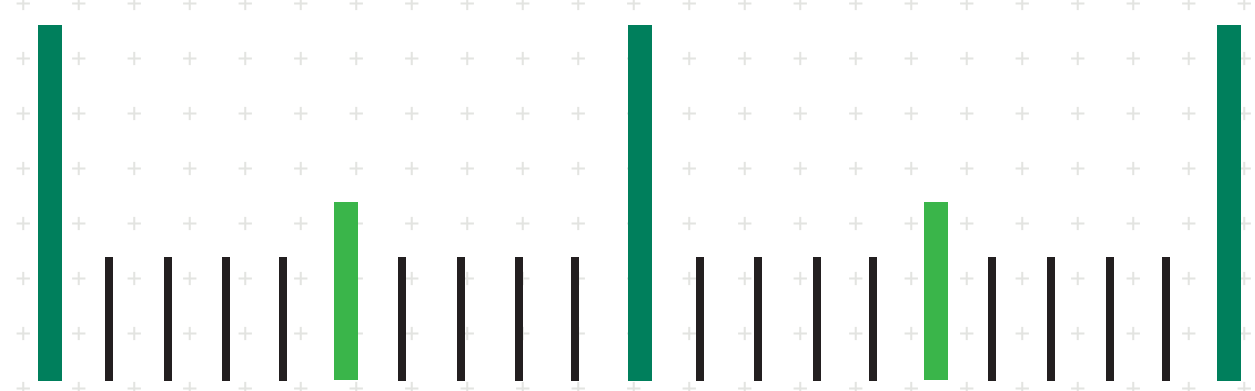
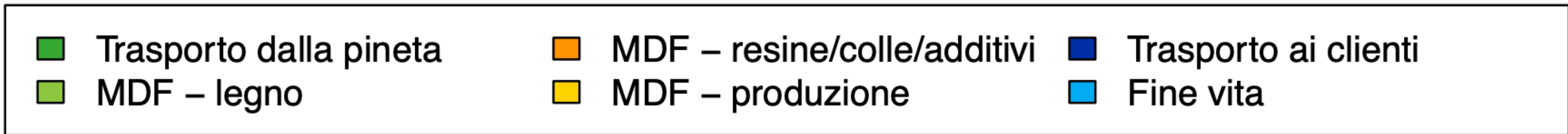
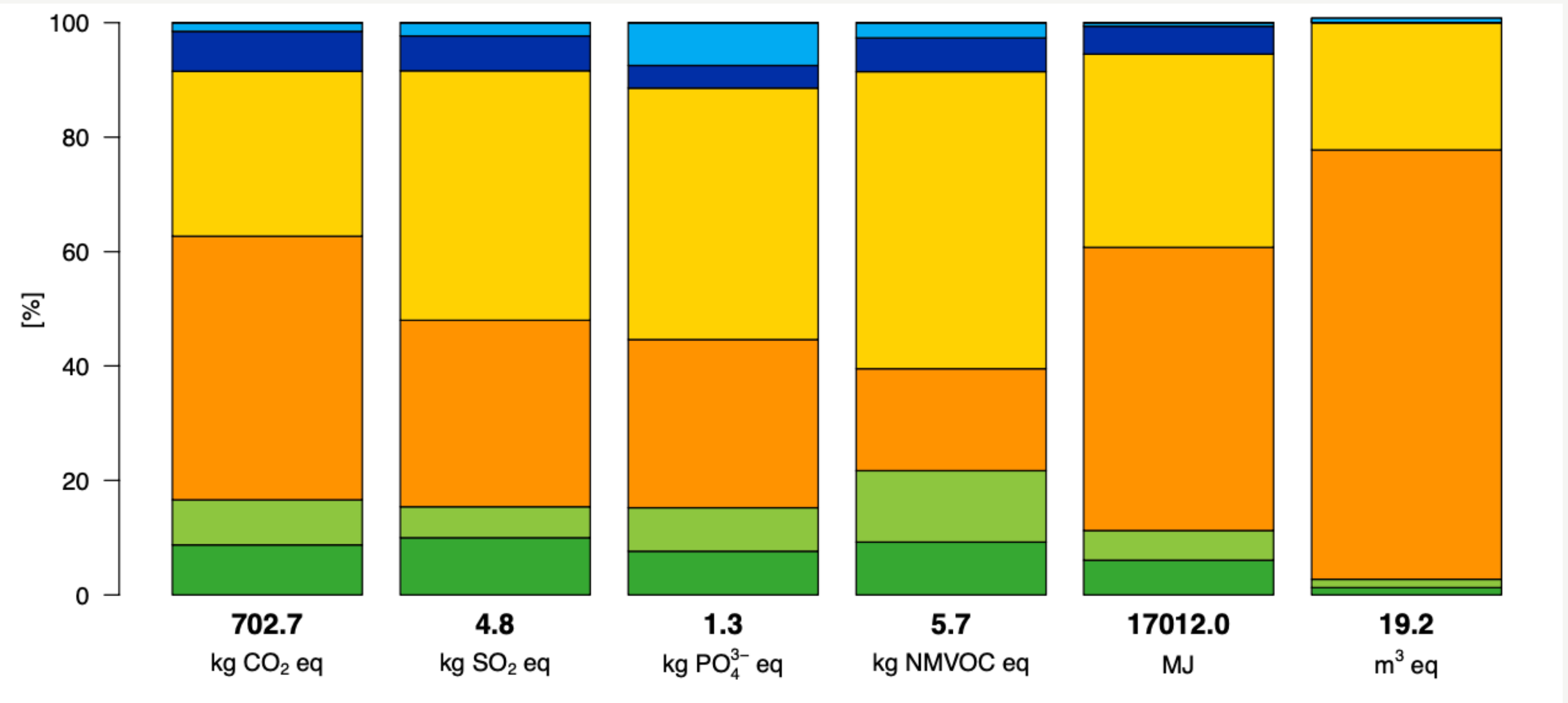




ECOPROFILO ECODESIGN

LCA

Life Cycle Assessment



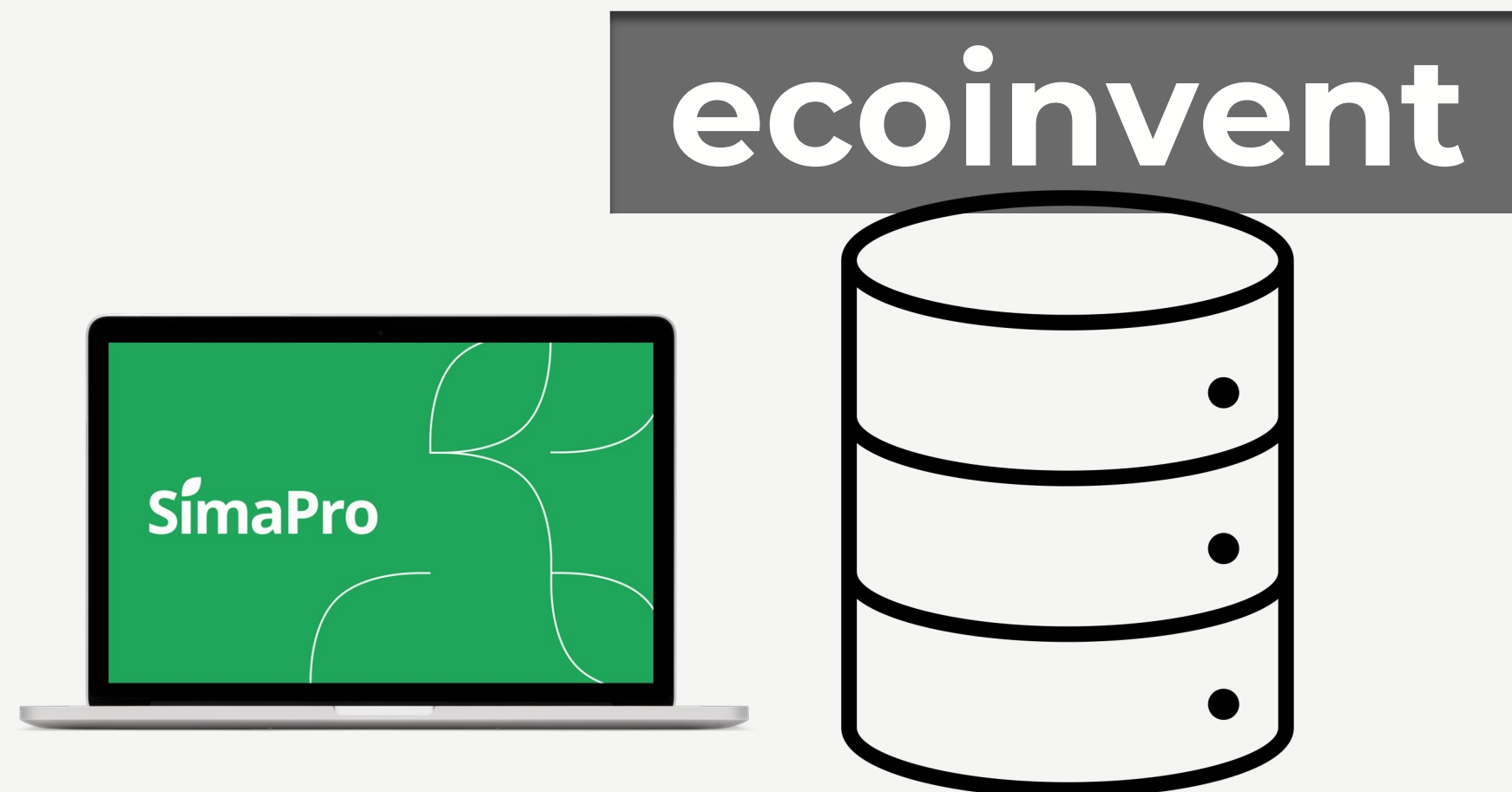
I DATI:



Primari

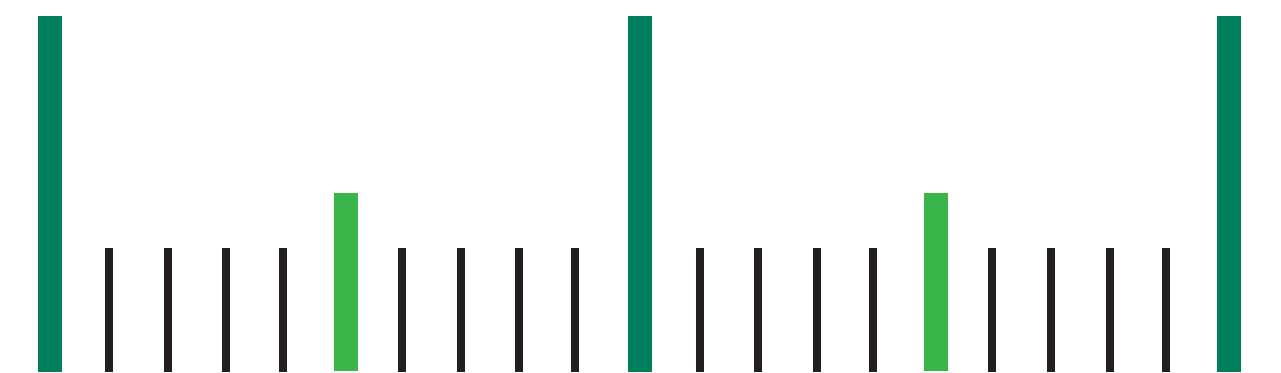
Secondari

Proxy



LCA

Life Cycle Assessment



IL REPORT LCA

1
Introduzione

2
Obiettivi e Scopo

3
l'inventario

Esempio report LCA
Pannello MDF in pino

Azienda produttrice e committente report LCA:
Nome azienda
LCA practitioner:
Catas S.P.A.
Revisione: 01
Data di emissione: GG/MM/AAAA

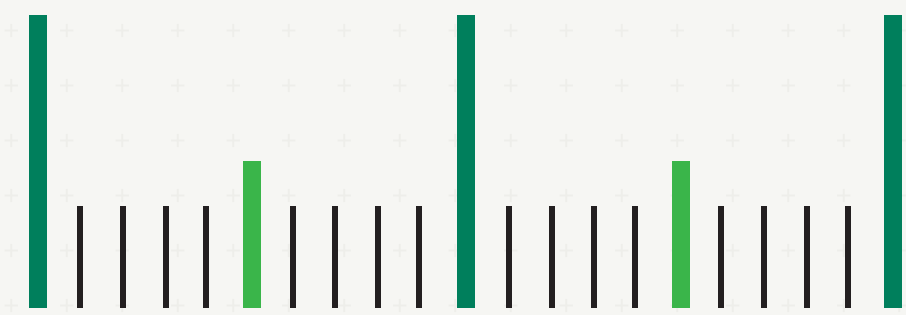
Questo è un esempio di report LCA, atto a mostrare il funzionamento di uno studio LCA e di come esso è presentato. Per semplicità lo studio si riduce alla valutazione di un pannello MDF. I dati inseriti, anche se verosimili, non derivano da alcun processo reale di produzione.

**ECODESIGN
ECOPROFILO**

**DICHIARAZIONE
AMBIENTALE
CERTIFICAZIONE
AMBIENTALE**

APPROCCIO INTEGRATO

THE LIFE CYCLE



measured by

CATAS

1. **LCA *Screening***

2. **LCA *Study***

3. **LCA *Ready***

