

Green materials

Ecodesign & materials

ECODESIGN

LIFE CYCLE ASSESSMENTS

ENVIRONMENTAL COMMUNICATION

FORMULATION

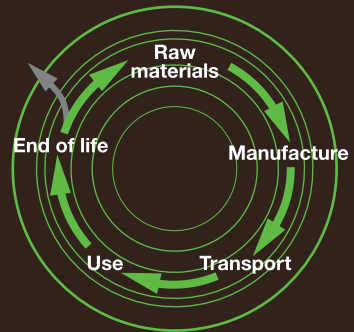
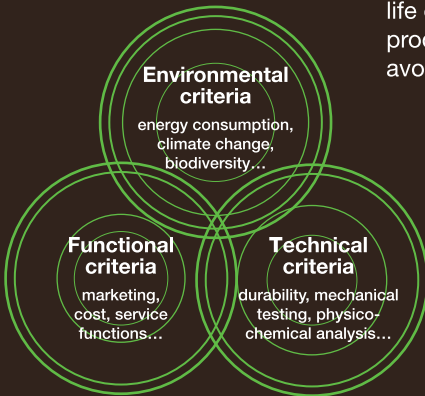
GREEN CHEMISTRY

CHARACTERIZATION



RESCOLL
Research Company

ECODESIGN is the integration of environmental aspects into the design of products or services. It is an approach conducted throughout the product life cycle (from raw material extraction to end-of-life product disposal) and a multi-criteria approach (to avoid pollution transfers).



Why adopt an ecodesign approach?

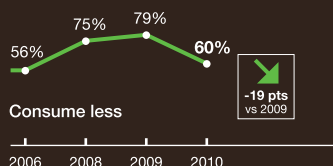
- To get my company involved in sustainable development
- To anticipate changes in regulations (signage platform for convenience goods)
- Because consumers are more and more sensitive to ecodesigned products
- To give more credibility to an ecological sales pitch
- To identify ways a product can be improved
- To save on costs by reducing the quantity of raw materials or decreasing waste generation

Are better consumer habits back? «In your opinion, sustainable consumption means...»

Answer: «Buying ecolabelled, ethically certified products, that pollute less».



Answers: «Buy less in general», 24% in 2010, and «No longer consume unnecessary services or products», 36% in 2010.



«47% of French consumers say they adopted more ethical consumer habits in 2009 by replacing certain products with sustainable products or quite simply by giving preference to sustainable ones.»
 Source: 2010 survey conducted by Ethicity for ADEME on the French and sustainable consumption.

Ready for the
environment to
play a bigger
role in the
design of your
products ?

Rescoll

can provide
support for your
green projects
thanks to our
expertise in
environmental
analysis, «plus
our know-how»
in materials
engineering
(adhesives,
polymers,
composites,
mastics, paints
and solvents).

Environmental analysis

Life Cycle Assessments

in accordance with Standard ISO 14040-44

- define study objectives
- compile life cycle inventory
- calculate impacts
- analyze results
- sensitivity analysis

Ecodesign approaches

- conduct product diagnosis
- implement an eco design approach
- develop eco design tools

Environmental signage

- complete the Environmental Product Declaration form (EPD) in accordance with Standard NF P 01-010
- construct an ecoprofile
- conduct the studies required for obtaining the ecolabel (energy consumption, impact on climate change)

Materials engineering

Proposal of innovative solutions

in the field of polymer materials

- adhesives and bonded assemblies
- materials and composites
- special varnishes and paints
- technical plastics
- laminates
- cosmetics

Characterization of solutions

- composition analyses
- mechanical testing
- ageing
- fire behavior

Training

Rescoll is also a training center offering technical courses on various topics: LCA, eco design, environmental signage, standardization in the environmental field.

Why choose

Rescoll ?

Rescoll's
multiple skills in
characterization,
R&D, environmental
analysis and
regulatory
requirements allow
you to benefit
from a full range of
services.

References

Fiat Auto
Saint Gobain Glass
Greenfix
Sokoia
Marquet
Omnibadge
Ciron
Schneider Electric
Essilor
Copla
Plastic Omnium Auto Exterior
ACS
Ressource
SAFT
Allepunta
MACO productions...

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