

Eco-Design Software Simplifying Sustainability

ECODEX IS A ECO-DESIGN SOFTWARE TOOL FOR EVALUATING AND UNDERSTANDING THE ENVIRONMENTAL IMPACTS OF PRODUCTS AND PACKAGING.

Designed to be used by non-experts, it helps companies improve the sustainability of new products or the existing portfolio.

Extensive Feature set

Ecodex follows a multi criteria approach to evaluate the impact of products. The flexibility of Ecodex permits indicators to be added and/or removed; aligning reporting to a company's business goals and strategy.

- ✓ Global Warming Potential
 - ✓ Energy Use
 - ✓ Land Use
 - ✓ Water Consumption
 - ✓ Solid Waste
 - ✓ Eutrophication
 - ✓ Package to Weight Ratio
 - ✓ Cost Effective Assessments
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Simulation & What If Analysis

Ecodex compares various options and performs simulations to determine the optimal improvement to a product. This brings the benefit of being able to simulate changes to products, such as:

- changes in the packaging of a product
- changes in the ingredients of a recipe
- changes in the manufacturing process
- supplier or other sourcing changes, like geography or agricultural practices

Strategic Design Support

Consumer goods companies operate in an environment of daunting technical, regulatory and commercial uncertainties. Throughout the business lifecycle, companies now face critical decisions related to sustainability of their products and business.

- Designed by leading industry experts in consideration of real life commercial practices
- Ecodex models data within the tool itself, powerful interrogation, clear scientific methodology Removes cumbersome interpretation reports and time delays
- Powered by EcoInvent Databases

WHY ECODEX?

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Seamless Integration

Many companies seek to improve the sustainability of their products and business. The integration of lifecycle impact analysis into the new product development cycle can provide substantial benefits such as:

- Simple, quick, cost-effective analysis of the environment impact of an experimental product prior to launch
- Evaluation of different packaging designs, ideas or ingredients
- Screen and make suppliers aware of the environmental impact of their raw materials

Flexible Solutions

Ecodex can be made available through various options, contact us to discuss the best solution that fits your requirements;

- LCA Consulting - case by case product packaging assessments
- Web Application Solution
- Standalone Software Solution
- ERP Integrated Software Solution

Effective Communications

Ecodex can be used to make results understandable and easily accessible to all stakeholders, including R&D scientists, designers, LCA experts, managers, packaging engineers, procurement, etc. Results can be used as the basis of marketing claim for 1B21B.

Ease of Implementation

Selerant works with each client to ensure that Ecodex is introduced in accordance to a client's timeline and implementation requirements. This includes training and technical elements before and after rollout.

Global Support Network

Selerant has more than 25 years of experience working with multinational organizations across the consumer goods and process manufacturing industries.

SELERANT CONSULTING

We understand that not all businesses have the time and resources to conduct in-depth analysis on their products and/or packaging. That is why Selerant offers a range of services whereby assessments are conducted on behalf of clients.

Improve efficiency, eliminate waste

Selerant's consulting services provide a comprehensive approach for gathering information, analysing data, presenting results and identifying opportunities for improvement. No matter the scale of operation, we make the complex simple so you can focus on what matters most. Let us do some of the heavy lifting and you'll see results that benefit your business and the environment.

Our consultancy services help our partners navigate the complex world of sustainability and how to translate organisational values into actions.

We consult across:

- Corporate Sustainability Reporting
- Supply Chain Review
- The Circular Economy
- Carbon Footprinting
- Greenhouse Gas Reporting
- Product Life Cycle Assessments
- Product Design
- Food Waste
- Packaging and Product Assessments
- Strategic Planning



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