



DANTES

Demonstrate and Assess New Tools for Environmental Sustainability

WELCOME TO DANTES

www.dantes.info

PROJECT INFORMATION

DANTES

A DEMONSTRATION PROJECT FOR SUSTAINABLE DEVELOPMENT

The Dantes project was co-funded by the EU LIFE program and was running from September 2002 to August 2005.

Dantes goals are to assess and demonstrate existing tools with a focus on the practical use of the tools and how to apply these tools for decision-making within different parts of a company. Dantes have developed strategies describing how sustainability issues are/can be handled. The strategies can be seen as guidelines describing the work process and present experiences made in the participating companies.

All the results of Dantes are published on the web site www.dantes.info. The web site contain three major sections; Strategies, Tools & Methods and Publications. The purpose of this user guide is to describe the content of the web site and what you can expect to find there.



DANTES

STRATEGIES



The strategies describe how the methods and tools within DANTES can be used, the strategies can be seen as guidelines. The strategies are grouped in different roles, such as; R&D, Marketing, Supply chain, Production, Environmental support.

Supply chain

The strategies for supply chain consider the whole or selected parts of the supply chain. Strategies describe how transports can be analyzed, how supply management could be organized and how information can be communicated in the supply chain

Production

The strategies for production ensure that environmentally sound production processes, materials and chemicals are used. Strategies describe how to analyze the environmental impact of energy use, how to implement a environmental management system and handle greenhouse gas trading

Environmental support

The strategies for environmental support organization show ways to help different parts of the company in making improvements of their environmental performance. The role of environmental support is to deal with issues that most employees do not have time or training to work with, for example, Making Life Cycle Assessments, Environmental product declarations, Life cycle cost studies, Environmental risk assessment, etc.

R&D

The strategies in research & development aim to ensure that sustainability objectives and plans become an integrated part of product and process development. The strategies describe two implementations of Gate models and one implementation for Design for Environment (DfE)

Marketing

The strategies in marketing should ensure that information related to environmental performance of products and services can be communicated to relevant stakeholders and thereby achieving competitive advantages on the market. The strategies describe how one can use EPD and other tools.





DANTES

Demonstrate and Assess New Tools for Environmental Sustainability

DANTES

TOOLS & METHODS



Many types of sustainability tools and methods are available today and under in this section, short descriptions and examples of various types of tools can be found, divided into four groups based on their applications, such as, management tools, assessment tools, communicating tools and other info

Management tools

The main purpose of management tools is to; measure, monitor, control and communicate the environmental performance of a company or an organization. Tools described; Life Cycle Management, Product Stewardship, Environmental Management System (ISO 14001 or EMAS), Gate models and Corporate Social Responsibility.

Assessment tools

Environmental assessment is a systematic process designed to identify, analyze and evaluate the environmental effects of a product or an activity. Tools described; Life Cycle Assessment, Environmental Risk Assessment and Life Cycle Cost.

Communication tools

Several tools exist to communicating environmental performance of products and services to customers, legislative bodies, local communities, such as, Environmental labeling, Environmental Product Declarations, Sustainability Performance Indicators and Safety Data Sheets, recycling description and material declaration

Other info

This section presents different information sources that can be useful when working with sustainability issues, such as, ISO standards, EU legislation and some environmental conventions.

Software

In this sub-section of Tools & methods you can access, download or find references to software applications. The applications are divided into calculation tools, such as, LCALight (LCA), LCCLight (LCC), EUSES (ERA), and database tools, such as, SPINE@CPM (LCI data), TOXNET (Toxicological info)

DANTES

PUBLICATIONS



Here we present all DANTES publications in different topics, such as; Life Cycle Assessment (17 publications), Environmental Product Declaration (3 publications and 34 EPDs), Environmental Risk Assessment (5 publications), Sustainability Performance Indicator (3 publications), Safety Data Sheet (1 publication), Life Cycle Cost (10 Publications) and Other publications (9 surveys and 3 publications on environmental management).

LINKS

DANTES



In the Links section we list all links referred to in previous sections, as well as other links that we think could be useful.

