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Project coordinator: Jacob Madsen,  
Municipality of Egedal

Technical coordinator: Ove Mørck,  
Cenergia Energy Consultants

Ecolabel products and suppliers  
related to the building industry

CONCERTO INITIATIVE  
Class 1

Cost-effective Low-energy Advanced Sustainable  
So1utions

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## *Ecolabel products and suppliers related to the building industry*



### Editors:

Nicholas Paxevanos (Cenergia - DK)

Ove Christen Morck (Cenergia - DK)

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# 1 Preface: the class 1 project

The idea of the project CLASS 1 is to use the strengthening of the energy requirements to boost and drive the technological developments and to prove the economical and environmental benefits of ultra-low energy buildings (50% below the new requirements in the Danish building regulations) integrated with biomass- and solar heating based renewable energy supply.

In this context the Scientific & Technical objectives are to:

1. Optimise the integration of low-energy building technologies with supply (renewable and conventional) and distribution (heating and electricity) technologies.
2. Advance selected technologies within the 3 areas: low-energy building, renewable energy supply and distribution
3. Improve the design, checking and verification procedures (this relates directly to the implementation of the building energy performance directive - EPBD).
4. Integrate the European ecolabel in the building projects (houses and components)
5. Demonstrate large scale implementation at close to market technical and economical conditions.

The Class 1 project is focused on the optimisation of sustainable energy systems in local communities, through an innovative integration of RE technologies with ultra low-energy buildings.

The bio-mass CHP system produces electricity and heat that are distributed directly to the use for heating in an innovative local district heating system for the dense, low-rise houses, and through the electricity network to heat the single family houses by heat pumps. Solar heating systems integrated in the network - and individual systems on the single family houses will be supplementing the CHP and taking over the in summer months when it is shut down. An advanced Building Energy Management System will control the energy supply, the thermal storages (for solar and for heating energy pulses from the CHP plant).

The Class 1 project has been designed to demonstrate that sustainable energy solutions in which integrated energy efficiency and renewable energy sources are economically viable, and technically and aesthetically acceptable.

The project also has special focus on the Indoor Environmental Quality (IEQ) to make sure that the energy savings are met without reducing the IEQ standards set out in the design specification phase. The IEQ focus is one of the areas in which the Class 1 project involves partners from other EU countries who are experts in respectively lighting and thermal comfort issues. Also trans-national cooperation is introduced for the socio-economic research part of the project, which deals with the user point of view (priorities, etc.) in the participating countries.

The Class 1 project demonstrates improvements to 6 individual technologies (windows, slab and foundation insulation systems, bio-mass gasification, local district heating distribution networks, ventilation heat recovery combined with heat-pumps and BEMS) and an innovative integration of these technologies (with solar heating) which lead to improved cost effectiveness.

## 2 Introduction

This report describes the work involved in integrating the EU Ecolabel “The flower” in the CONCERTO low energy building project “**CLASS1**” at the Danish municipality of Egedal.

There are about 400 dwellings both single family houses and dense low-rise dwellings planned to be erected plus two public buildings.

The aim is to integrate the EU Ecolabel through Ecolabel information dissemination to associated stakeholders, through use of Ecolabel products by building contractors and end users and by attracting enterprises to the Ecolabel scheme.

Products awarded the Ecolabel fulfil environmental criteria set down throughout the product’s entire life cycle and as such reduce environmental impact in all stages of production. There are also criteria to ensure product quality.

Integrating Ecolabel products in Class1 provides an opportunity to develop practices in how to best carry out such work and is very relevant to the EU’s commitment to sustainable development by promoting better products, more efficient production methods and improved consumption patterns (SCP policy (Sustainable Consumption and Production)).

Integrating the EU Ecolabel is a part of the Class1 project and the work package (WP) referring to this work is **WP5**.

The work in this package consists of two stages:

The first stage of integrating the European Ecolabel in the Class1 project consists of two elements with the first being to **research** and determine the existing situation regarding Ecolabel products and Ecolabel manufacturers/suppliers as well as identifying stakeholders that could contribute to WP5.

The second element in the first stage is the **preparation** of information material relating specifically to the use of eco-labelled products. The information material includes general Ecolabel information with emphasis on the benefits of the Ecolabel as well as specific material on relevant Ecolabel products emphasising the advantages of using Ecolabel products as opposed to conventional alternatives

The second stage is the **implementation** of the Ecolabel integration. This stage involves the actual passing on of the information material to the identified target groups through various avenues such as seminars, meetings and media coverage.

The results of the first stage includes a **clear overview** of the existing situation for correct decision taking, **information/material** preparation needed in the process of integrating the Ecolabel and **Ecolabel product use** and a **Guide** on how to integrate the Ecolabel in such projects.

**Information/material** includes lists of manufacturers/suppliers that can provide related products to the project and these will be presented to the management. The presentation includes contact details of the possible suppliers, a description of the products and prices for the products so that the management can utilize the information to decide which products are appropriate for use. The information material also covers brochures and information letters for building contractors, end users and selected media. It also includes presentations for project partners and identified possible candidates for Ecolabel application.

**The Danish Competent Body (CB)** has made a commitment to cooperate in this project in whatever way they can. They are very helpful in both material production and as a sparring partner.

Finally, the situation in such a project is not necessarily the same from one period of time to another, because there are many different actors such as building contractors and suppliers involved and they may change their plans due to reasons such as the actual financial situation and management changes. This makes it necessary to continuously assess the situation and rework through all three stages.

## 3 Research and Preparation

### 3.1 Researching the existing situation

The research conducted in the first stage covered the following areas:

- ◆ Product availability
- ◆ Target groups
- ◆ Partner companies and suppliers
- ◆ Existing barriers

#### Product availability

The research aimed at identifying the available Ecolabel products, the product's qualities and the possibilities of use in Class 1. The 2 groups of products fall under the following categories:

- a) **Building products:** This group covers all products used during the actual building of the different buildings.. This group also covers standard fittings included by the building contractors. Some contractors include products such as appliances as a part of the offer to buyers and these products are classified as “standard fittings”.
- b) **Household products:** This group includes all the non-food products that are used in a dwelling. A house buyer needs to buy appliances, as well as furnish and decorate the new house. The community buildings also need to be fitted with appliances, furnished and decorated.

#### Target groups

The research here aimed at identifying the decision makers (Who makes the decision of which products to use, when and where). The research here also focussed on identifying organisations that could contribute to the project as well as Ecolabel possibilities in terms of possible new applicants and product group recommendations to the EUEB (European Ecolabelling Board. The decision makers fall under two categories:

- a) **Building contractors and building managers:** There are two types of building contractors in this project. Building contractors for individual houses and the contractors for the dense low-rise houses. Building managers are identified as either private or public. The public managers in this case is the principality of Egedal and the private managers can be those that administer private dwellings.
- b) **End Users:** The definition for “end users” is all the house buyers and people using the various dwellings. End users in WP5 refers to the house buyers.

## Partner companies and suppliers.

Partner companies are the companies that are participating in Class1 as a partner. These include: Protec Windows, Maxit, Biosynergy, genvex, Logstor and TAC. Suppliers are either National or international companies that can provide Ecolabel products for the building industry as well as household products.

## Existing barriers:

Stakeholders are individuals, groups, institutions or organisations that are interested or effected by the project either directly or indirectly. The research sets out to identify these and to determine the willingness of participation and the level of cooperation regarding Ecolabel activities.

It is also important to identify the level of awareness and knowledge regarding the EU Ecolabel and Ecolabel products of all stakeholders, end users, building contractors, municipality key personnel and partners in Class1.

The types of buildings to be erected and the building contractor situation can influence Ecolabel product use so it essential that the research included this information.

## *The research conducted identified the following points relevant to WP5:*

- The available relevant building product groups and consequently Ecolabel products is limited. *These are detailed in chapter 3.2*
- The available relevant household product groups are adequate, but the amount of Ecolabel products available is limited to mainly cleaning and paper products. *See 3.2*
- There are many more “Nordic Swan” product groups and consequently certified products available than the European Ecolabel. *See 3.2*
- There are 3 types of buildings being erected in Class1:
  - **Dense low-rise houses:** these houses are all the same in the use of building products and standard fittings and are built in a area with some common facilities. A building contractor, sometimes called “developer” buys the land allocated by the municipality and builds a sizable number of houses for sale. The research has shown here that Dense low-rise houses are a first target because of the possibilities attached to such building types. One Ecolabel product can be used in all houses. Such houses usually come with standard fittings and this increases the availability and possibilities of Ecolabel product use. Builders, developers of such houses are consequently the most **important target** because it is them that will decide what products will be used. This must be prioritised in the preparation work especially with benefits for builders associated to using Ecolabel products. This is described below 2.2 and 2.3.
  - **Individual houses:** The procedure here is that individual people wishing to build a house, buy the land directly from the municipality and choose a builder themselves. They then decide what type of house they want to build as well as the type of furnishings. It is a difficult job to try and get Ecolabel products in this type of building because people have usually made their minds up on products before one

can find out who they are. A possibility here is to get Ecolabel information to them through the municipality.

- **Public buildings:** There is an activity centre for the elderly being built in this project and the possibility of using Ecolabel products rests on the municipality. A barrier here could be that the municipality has made an arrangement with a builder which did not include the use of Ecolabel products and then the decision/responsibility lies on the builder.
- The ignorance of both the building contractors/developers, partner companies and end users regarding the Ecolabel and the Ecolabel products that are available. The focus groups are not aware or well informed about European Ecolabel products and in the few cases where they were aware of Ecolabels, they are better acquainted with Swan products. National labels are more known.
- The decision makers must be identified very early in the process. If they are not identified and approached before they have concluded their contracts and agreements, then it is almost impossible to influence them.
- Existing arrangements/agreements between suppliers and building contractors. Building contractors have over the years built up a network of preferred suppliers/contractors and products that they use (based on such criteria as quality, price, technological attributes and reliability). This makes them reluctant to switch to Ecolabel products because of uncertainty relating to the above.
- Stakeholders response to engage in Ecolabel activities has been mixed and a point of interest is the unwillingness to cooperate with most stakeholders unless there was some kind of time compensation or direct benefit. The Danish Competent Body however has welcomed the project and is cooperating. The National CB is the most likely co-operator and also the most relevant to have in the project.
- Profit is the most important consideration for building contractors followed by reputation in terms of being a solid, reliable and quality supplier of dwellings. It is therefore important to find Ecolabel products where price difference is negligible and where the quality and logistics are favourable and can be verified.

The above information showed the need for actions that would lead to better awareness and better information regarding the use of Ecolabel products in Class1. The identified actions are described below.

### 3.2 Preparation of basic information about the EU Ecolabel:

The important elements that are of interest to the target groups in Class1 are:

- ◆ What it stands for
- ◆ Benefits of using Ecolabel products
- ◆ The quality requirements

## What it stands for

Quality, Environmental excellence and health safe aspects. The target groups need this information if they are to make the right choices. It must be made clear that an Ecolabel product is a better product compared to the conventional counterpart and an explanation why. It should also be emphasised that the only difference in price should be 0.15 % which is the cost of holding a licence. Normally the producer does not pass this on.

## Benefits of using Ecolabel products

- ***For Building contractors/companies:*** Company image, Marketing potential and assurance of quality products. It is increasingly important for building contractors and companies in general to show that they are environmentally aware and contributing to a better environment. Company image is a very high priority with many companies. The building contractors in Class1 can already promote their buildings as very low energy and therefore very good for the environment as opposed to conventional buildings. The Ecolabel will give them an extra tool to add to this type of marketing. They can go further and add that the products used in the buildings are also Eco-labelled and an assurance for the buyer that the products are of sound quality, good healthier inner climate and better for the environment. The companies will also save money because the products fulfil quality criteria and this means that they do not have to replace or repair as they may do with conventional products.
- ***For end users:*** Assurance that the products are health safe and of high quality. Consumers are today more sensitive to the protection of the environment. Four out of five European consumers would like to buy more environmentally friendly products, provided they are properly certified by an independent organisation.
  - The Flower on products is a reliable guide to easily identify the good environmental performers available on the market. If the end user is a public authority then the guidelines for Green Public Purchasing should be made available, see appendix 5.
- ***For all focus groups:*** Ecolabel products cause minimal environmental damage throughout the product's life cycle. They are of high quality and are health safer than the conventional options.
- The ***benefits of individual products*** should also be pointed out. What does it mean to use Ecolabel paint for example:
  - A limitation of air pollution by solvents
  - Reduced Sulphur emissions during production
  - Reduced hazardous waste of by-products during titanium dioxide production
  - The absence of heavy metals and substances harmful for the environment and health
  - Minimum hiding power, wet scrub resistance, water resistance and adhesion

## The quality requirements to be met for obtaining the Ecolabel.

The quality information can be pointed out from the criteria which include somewhat technical information, but the interested user can use this as a basis for getting more information, FX:

- ◆ Spreading rate (does not apply to varnishes, woodstains, floor coatings, floor paints, undercoats, other adhesion primers or any transparent coatings or transparent undercoats):
  - White paints and light coloured-paints (incl. finishes, primers, undercoats and/or intermediates) > or equal to 8 m<sup>2</sup>/L at a hiding power of 98% for indoor paints and > or equal to 6 m<sup>2</sup>/L for outdoor paint.
  - Primers with specific blocking/sealing, penetrating/binding properties and primers with special adhesion properties for aluminium and galvanised surfaces > or equal to 6 m<sup>2</sup>/L at a hiding power of 98%
  - Thick indoor decorative coatings: 1m<sup>2</sup>/kg
  - Outdoor elastomeric paints > or equal to 4 m<sup>2</sup>/L at a hiding power of 98%
- ◆ Wet scrub resistance for washable, cleanable or brushable indoor wall paints: class 2 or better (£ 20 microns after 200 cycles)(according to test EN 13300 and EN ISO 11998)
- ◆ Resistance to water for varnishes, floor coatings and floor paints: no change of gloss or of colour after 24 hours exposure and 16 hours recovery (according to EN ISO 2812-3)
- ◆ Adhesion:
  - Floor coatings, floor paints, and concrete, metal and wood undercoats: score at least 2 according to test EN 2409
  - Indoor pigmented masonry primers and outdoor masonry paints (excl. transparent primers): score a pass according to EN 24624 (ISO4624) pull-off test
- ◆ Abrasion resistance of floor coatings and floor paints £ 70 mg weight loss after 1000 test cycles with a 1000 g load and a CS10 wheel according to EN ISO 7784-2:2006.
- ◆ Outdoor masonry finish paints and wood and metal finishes incl. varnishes shall be exposed to artificial weathering in apparatus incl. fluorescent UV lamps and condensation or water spray according to EN 11507:2007. The following parameters shall then be evaluated: colour change, gloss, chalking, flaking, cracking, and blistering.
- ◆ Water vapour permeability: breathable exterior masonry and concrete paints classified as Class II or better according to test EN ISO7783-2.
- ◆ Liquid vapour permeability (according to method DIN EN 1062-3:1999):
  - Water repellent or elastomeric exterior masonry and concrete paints classified as Class III
  - All other outdoor masonry paints classified as Class II.
- ◆ Fungal resistance: Outdoor masonry finish coatings with anti-fungal properties shall have a score of 2 or better as determined by method BS 3900:G6.
- ◆ Crack bridging: Outdoor masonry (or concrete) paint with elastomeric properties classified at least as A1 at 23°C according to DIN EN1062-7:2004
- ◆ Alkali resistance: Outdoor masonry paints and primers shall show no noticeable damage when the coating is spotted for 24 hours with 10% NaOH solution according to method ISO 2812-4:2007.

### 3.3 Preparation of information on specific Ecolabel products and suppliers:

This objective of this action was to generate practical information in order to make it is easy for the building contractors and end users to find Ecolabelled products. The preparation included:

- **Availability** of products and suppliers: All product groups relevant to the building industry “**Building products**” and product groups relevant to the end users “**Household products**”. This is covered in detail under “Product selection”
- Deciding which products are the easiest and most likely to be accepted by the target groups. This is important and it varies depending on the type of building, who the building contractor is and the specific situation requires the knowledge gathered in research
- **Inclusion of Nordic Swan products:** The Nordic Swan criteria are almost identical to the EU Ecolabel and as such it is appropriate to promote Swan products as alternatives. The Danish Competent Body actively promotes the 2 labels side by side and the 2 emblems of the Ecolabels are found together as shown below. This positive Ecolabel cooperation is an excellent example of National – European Ecolabel synergy that other countries can learn from.



### 3.4 Preparation of information transfer to the target groups and stakeholders

The purpose here has been to determine the best way to get the Ecolabel information to the target groups and stakeholders. The main avenue and the most effective for the building contractors in Class1 is through one to one meetings. These meetings will be arranged through the municipality as soon as building contractors have been identified. In this way there is a good opportunity to reach the contractors early in the process and better influence their decision.

The main avenue for end users is through information dissemination. The information prepared is given to the municipality who in turn gives it to the prospective buyers (end users).

The information material includes letters to the building contractors and end users as well as brochures informing on Ecolabel and Ecolabel products.

Finally, the avenue for stakeholder information transfer is through presentations and discussions in seminars and meetings.

## 4 Implementation of the actions

Integrating the Ecolabel in Class 1 involved the following actions:

- Allocating responsibility
- Identification of the most likely areas for Ecolabel product use.
- Product selection
- Products and suppliers search
- Determining focus products
- Meetings with the various stakeholders

### 4.1 Allocating responsibility

The responsibility for the actions to be implemented was allocated in a simple overall plan as follows:

1. WP5 Leader in cooperation with the Danish CB prepare the Ecolabel materials needed. (letters, brochures, product lists, information material and training material)
2. WP5 Leader carries out the required building of “Ecolabel competence” through training workshops. (for municipality key personnel)
3. The municipality arranges the meetings between the building contractors/developers and WP5 leader to discuss possible use of Ecolabel products
4. Materials are passed on to the End Users by both the municipality and the building contractors

### 4.2 Identification of the most likely areas for Ecolabel product use.

The three areas that have been identified are:

- **Dense low rise dwellings.** All dwellings are the same with the same use of products and the materials used will also be the same in all dwellings. It is therefore a very good opportunity to get the Ecolabel products integrated with focus on indoor paints as this is the most promising product group. Depending on the building contractor/architect involved it may be plausible to add other products such as appliances if these are to be uniformly used in all the low density houses. Preparation work and a plan for procedure for this group is carried out in cooperation with the Competent body “Ecolabelling Denmark” and The municipality of Egedal.
- **End users** are the people that buy and move into the dwellings. The products identified for the end users are under the product groups: household appliances, Cleaning products, home and garden and Paper products. Information, material and a plan of procedure have been prepared and all prospective new users receive the material and access to available advice regarding the various Ecolabel products.
- **The municipality.** The work here concerns public buildings being built or renovated. The municipality of Egedal is building a kindergarten and an activity house for the elderly and this will be the starting point. Ecolabel products are given priority and used where possible and applicable.

### 4.3 Product selection:

The product selection involved the following 3 elements:

- Identifying the availability of both building and household Ecolabel products nationally and across borders.
- Identifying suppliers nationally and across borders
- Determining the “focus products”

The table below shows the product groups and present licences available:



#### The European Ecolabel

<b>Building products</b>	<b>No. of licences (EU)</b>	<b>No. of licences (DK)</b>	<b>No. of products in DK</b>
Indoor paints and varnishes	80	5	44
Hard floor coverings	19	0	0

<b>Household products</b>	<b>No. of licences (EU)</b>	<b>No. of licences (DK)</b>	<b>No. of products in DK</b>
All-purpose sanitary cleaners	102	17	34
Hand washing detergents	54	3	3
Laundry detergents	29	3	17
Tissue paper	27	1	2
Dishwashing detergents	20	3	17
Bed mattresses	15	2	39
Copying and graphic paper	12	2	102
Soaps and shampoos	12	1	5
Televisions	4	1	21
Light bulbs	4	2	9

Portable computers	2	0	0
Personal computers	2	0	0
Textiles	80	34	205

### Observations

Some of the certified products are not available locally and have to be imported which has associated disadvantages such as logistics and higher price and this makes the products less attractive.

The 2 predominant product groups in Denmark are Textile products and all purpose sanitary cleaners

The most number of Ecolabel products are found in Textiles, copying and graphic paper, indoor paints and varnishes and all purpose sanitary cleaners



### The Nordic Swan

Building products	No. of licences	No. of products
<a href="#">Byggeplader</a> – Building plates	6	36
Gulve - Floors	5	111
<a href="#">Holdbart træ</a> – Durable wood	1	1
Huse (småhuse) - Houses	12	48
<a href="#">Lim</a> - Glue	2	3
Maling og lak Paints and varnishes	5	93
Varmepumper Heat pumps	1	2

Household products	No. of licences	No. of products
Alternativ tekstilrens Alternative textile cleaners	1	1
AV-Apparater – AV Apparatus	2	9
<a href="#">Batterier - engangs</a> – Batteries - disposable	5	73
<a href="#">Batterier, genopladelige</a> – Batteries-rechargeable	1	8
Brændeovne og lignende wood oven	12	248
Fedttæt papir greasy paper	3	18
<a href="#">Gulvplejemiddel</a> - floor cleaners	10	16
<a href="#">Håndopvaskemidler</a> – hand detergents	12	55

Hospitalsudstyr (engangsprodukter i plast) Hospital equipment- disposable plastic	1	7
Husholdningspapir (Tissue) paper	17	217
Hygiejneprodukter (bleer, bind, m.m.) - nappies	9	81
<a href="#">Industrielle rengørings- og affedningsmidler</a> – industrial cleaning agents	3	15
Kaffefiltre - Coffe filters	2	7
Kedler til fast biobrændsel – Boilers for bio burning	1	1
Kopi- og trykpapir –Copy and graphic paper	6	211
Kosmetik - Cosmetics	31	297
Kuverter - Envelopes	1	7
<a href="#">Levende lys</a> - Candles	2	15
Maskinopvask til professionel brug	6	35
Maskinopvaskemiddel (Opvaskemiddel) – Washing machine detergents	4	19
Mikrofiberklude og –mopper –Micro fibre cloths and mops	4	19
Møbler og inventar - Furniture	11	106
Opvaskemaskiner – Dishwashing detergents	1	1
PC'er - Computers	1	33
Plæneklippere (arbejdsmaskiner til park og have) – Industrial lawnmowers	3	24
Rengøringsmidler – Cleaning products	10	36
<a href="#">Rengøringsmidler til levnedsmiddelindustrien</a> – cleaners for food industry	2	13
<a href="#">Rengøringstjenester</a> – cleaning services	1	1
<a href="#">Shampoo og sæbe</a> –Soaps and shampoos	35	205
<a href="#">Skriveredskaber</a> –writing instruments	4	16
<a href="#">Tekstiler, skind og læder</a> -textiles	2	11
<a href="#">Tekstilvaskemiddel og pletfjerner (Vaskemiddel)</a> –textile cleaners	21	90
<a href="#">Tekstilvaskemidler til professionelt brug</a> – Industrial textile cleaners	6	40
Tømidler –thawing agents	2	9
<a href="#">Tonerkassetter</a> –Toner cassettes	6	339
<a href="#">Trykkerier/Tryksager</a> – Printers and printing items	88	865
<a href="#">Udemøbler og legeredskaber</a> -out	1	6

furniture		
<a href="#">Vaskemaskiner</a> –washing machines	1	1
<a href="#">Vaskerier</a> - Laundries	1	7

### **Observations:**

There are many more “Nordic Swan” product groups and products available both for the building industry and for the end users than the EU Ecolabel.

Cleaning, cosmetics, shampoos and soaps and paper products are the largest group of products found in the stores.

The following products were chosen as “**Focus products**”. Focus products means that it is these products that are being promoted on a higher scale than other certified products.

### **4.4 Products and suppliers search**

Searching for products and suppliers can be done at this web site:

<http://www.eco-label.com/default.htm>

One enters the search criteria and gets the results. See an example in appendix 2

### **4.5 Determining focus products.**

Focus products are products that are easier to integrate because of availability and practicality factors. We looked at two types of focus products:

- Products for building construction and
- Products for households

#### **Building Focus Products:**

- Indoor paints and varnishes. This group is chosen because there are 44 Flower and 93 Swan products available on the Danish market and this makes it easier for the target groups to find. Also paints are used in every dwelling and as such a perfect product to promote
- Standard fittings such as appliances if they are to be used as by the building contractor.

#### **Household Focus products:**

- All-purpose sanitary cleaners.
- Dishwashing detergents
- Hand washing detergents
- Laundry detergents

#### **4.6 Meetings with the various stakeholders.**

The aim at the various meetings was:

- To discuss and relevant topics regarding the integration of the EU Ecolabel in Class 1. Discussions varied depending on who was present at the meeting. For example meetings with the Danish Competent Body involved material preparation and strategy development on how to best get Ecolabel products in Class1. discussion topics and meeting explanations are outlined below.
- To both inform and influence building contractors and end users regarding the use of Ecolabel products and to attract the partner companies/suppliers to the Ecolabel scheme

The building contractors/architects are the decision makers in the building stage. They decide what type of materials will be used and as such it is important to meet with them before they have made the decisions on material use.

The end users are the people moving into the different dwellings and they have the opportunity to choose Eco-labelled products that are not part of the standard fittings. This is possible when they are buying new goods.

The partner companies are the companies participating in this project as suppliers of products and technologies. The opportunity here is to attract the partner companies to the Ecolabel scheme where possible.

Meetings and discussions have been held with the following stakeholders:

##### **1. Meeting with the Class1 partners especially the associated communities:**

A two day event where all the Class 1 partners attended and WP5 (integrating the European Ecolabel in Class 1) was presented. A power point presentation was prepared and the objectives were to:

- Give a brief explanation of the Ecolabel scheme
- Explain the plan/strategy of integrating the Ecolabel in class 1.

The WP5 part of the event was published in the European Ecolabel web news. See Appendix 1.

##### **2. Meetings with the Danish Competent Body**

- *How to best integrate the Ecolabel in the project.* Researching the target groups and determining the existing situation regarding the Ecolabel was a very important action before deciding on a plan for integrating the ecolabel in Class1. Another important area of research conducted, included previous similar Ecolabel projects, namely the integration of the Ecolabel in both the summer and winter Olympics (Athens 2004 and Torino 2006). The last area of research concerned the building industry and products related to the industry as well as related product groups covered by the Ecolabel schemes (European and Nordic). This research was crucial in the decision process of how to best integrate the Ecolabel in Class1.
- *The areas of cooperation.* Discussions on the extent and type of cooperation offered by the Danish CB. The Danish competent body finds this project interesting and has agreed to cooperate and assist with ideas and materials whenever possible.

- *A plan of procedure.* Discussions on how to proceed. The plan for WP5 is influenced by and based on the focus groups. It is very important that building contractors/architects and end users are confronted and presented with the Ecolabel possibilities before they decide on what products to use and as such the plan is flexible. It is planned that most of the work concerning material preparation and Ecolabel presentations will take place in the first 18 months. After this period and at the end of Class1, an evaluation of the performance of the Ecolabel products used will be made and added to D26.
- *Material preparation.* Discussions on what was needed, how and when to present the various materials. It was decided to try and keep the information simple and use one to one meetings for information transfer whenever possible for the building contractors/architects. The End users would get a package containing information on Ecolabel products used for their dwelling as well as the Ecolabel possibilities available to them.

### **3. Meetings with the Egedal municipality to determine:**

- Possibilities of Ecolabel integration in public buildings. There is an activity centre for the elderly erected and the only possibility of using Ecolabel products is in painting and white goods. This proved how important it is to get to the decision makers before decisions are taken.
- The best way of integrating the Ecolabel in the project. How is it best to get the information out to the focus groups. The Egedal municipality agreed to set up meetings with the contractors/architects as soon as the big ground lots are sold. This will enable the presentation of the Ecolabel and Ecolabel products before the decisions are made. The municipality also agreed to get the Ecolabel packages to the End Users.
- Distribution of information material to the individual contractors through the municipality. Building contractors received a letter with a comprehensive list of the building product groups with suppliers' details. **See Appendix 3.**

### **4. Meetings with the partner companies for the purpose of:**

- Ecolabel information: Company benefits and marketing possibilities in Ecolabel products. General information about the Ecolabel (LCA; criteria, costs, where to apply)
- Determining the possibility of Ecolabelling their products. Genvex producing heat pumps is presently considering applying for the Ecolabel and are looking into the criteria.
- How to apply. Documentation explanation (application forms, criteria documentation: tests, declarations)

### **5. Meetings with Building contractors and or Architects**

- Preparation for these meetings is complete and will take place as soon as the ground is sold and the contractors/architects have been identified.

### **5. Internal meetings**

- How and what is needed to best integrate the Ecolabel in Class 1. Research and assess the possibilities in relation to the available resources.

- Discussions on the findings and results from other meetings and activities.
- Decisions on stakeholder cooperation and participation. Determining the degree of participation (obligatory, voluntary, how, when and where)
- Defining training activities for municipality key personnel, partners and others.
- Materials for the focus groups and for training activities.
- Defining a plan of procedure and assessing progress.

#### 4.7 Material preparation

Materials for Building contractors and end users have been prepared in close cooperation with the Danish Competent Body. Materials to date include:

- **Letters:** Letters to contractors and End Users. The letter is written on an official letterhead used by the Danish Competent Body and it is aimed at informing the contractors on the possibilities of using Ecolabel products and where they can get more information. : Informing the end users of Ecolabel products used in the building process and the choices available to them when moving into their low energy dwellings. **See appendix 3**
- **Brochures:** Brochures for contractors, end users and municipality containing information on specific product groups **See appendix 4**
- **Product lists:** For contractors and end users List of **hard floor coverings** and **paints and varnishes**. The list shows the suppliers, the Ecolabel products and the dealers for the products. **See appendix 5**
- Powerpoint Presentations. (Understanding the EU Ecolabel). **See Appendix 1**

## 5 Guideline: Integrating the Ecolabel in building projects

Promoting the Ecolabel in Class1 is a guide with a “Hands on” approach where the relevant stakeholders (Egedal municipality, the Danish competent body and building contractors/developers) are incorporated to contribute within their field of expertise or influence in order to promote the use of Ecolabel products to the end users.

The elements of the guidelines are depicted graphically below:

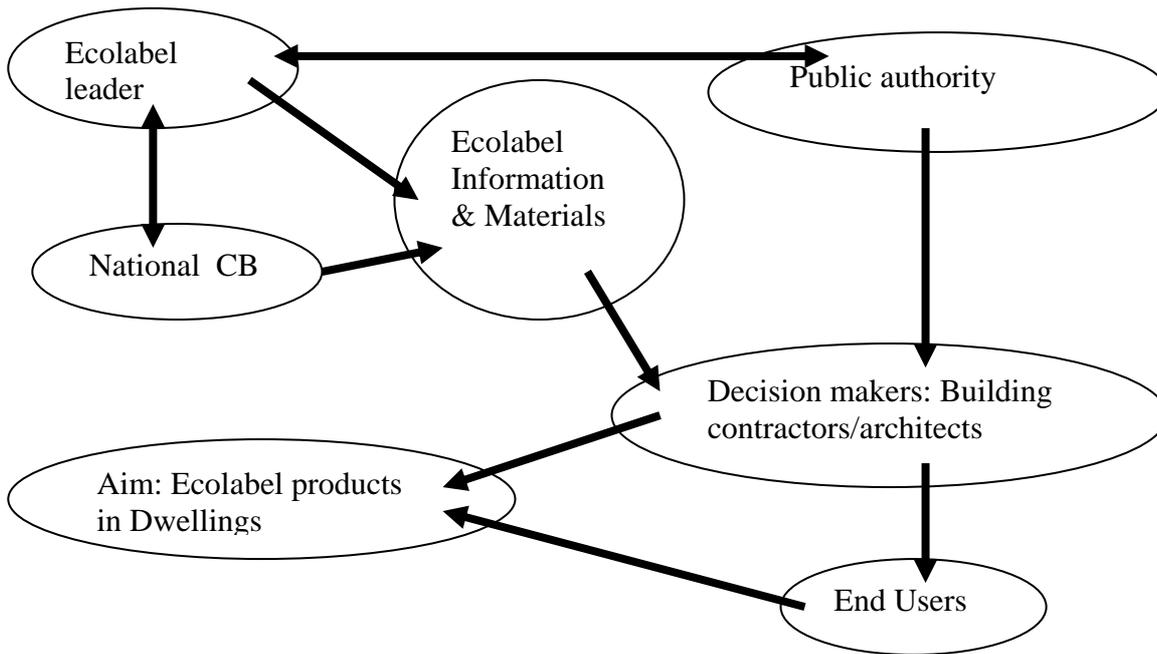


Fig. 1 The guideline for integrating the Ecolabel in building projects.

This guide is based on experiences from the work completed to date and it is expected that it will be further developed as the work progresses to the next stage. It is aimed at keeping it as simple as possible.

The guideline is presented in the following table.

Procedure	Steps	Comments
<b>Research</b>	Identify the present situation regarding: <ol style="list-style-type: none"> <li>1. <b>Availability of EU Ecolabel products.</b> Both Nationally and in the EU. Use the National and EU Ecolabel web pages.</li> <li>2. <b>Suppliers of Ecolabel products.</b> What can they offer.</li> <li>3. <b>Stakeholders that can help.</b> The National Competent body is the best partner in terms of support with both information, materials and marketing.</li> <li>4. <b>The decision makers.</b> Who is it and what is their level of commitment</li> <li>5. <b>Ecolabel competence.</b> Are the relevant stakeholders aware of the Ecolabel and how much do they know</li> <li>6. <b>The target groups.</b> Who are they and what is their role in the project</li> </ol>	This information is vital to have as soon as possible.  A clear picture of the existing situation will make it easier to plan and carry out the activities.

<b>Prepare</b>	Preparation of the following <ol style="list-style-type: none"> <li>1. <b>Product availability information.</b> Who are the suppliers and where to find them.</li> <li>2. General <b>Ecolabel information</b> for all participating stakeholders.</li> <li>3. Specific <b>Ecolabel product information</b> of the focus products</li> </ol>	What you prepare has to be relevant to the target group and related to the level of Ecolabel competence of the target group.
<b>Implement</b>	Carrying out the work <ol style="list-style-type: none"> <li>1. <b>Product selection.</b> Choose the products that are the most relevant for the project.</li> <li>2. <b>Materials.</b> Letters, brochures, presentations and whatever else is relevant to the specific project.</li> <li>3. <b>Presenting the Ecolabel/products to the stakeholders.</b> This can be done through meetings, seminars or any other avenue that is appropriate for the intended target group.</li> </ol>	The work can be carried out very efficiently through both one-to-one and groups meetings. It is important to be well prepared. Work out who does what and when.

## 6 Conclusions

The project has shown that it is very important to be thorough in the research and in particular to identify the decision makers as early as possible (before they take decisions on product use). It is as important that the preparation is thorough for a successful presentation to the decision makers if there is going to be any chance that they will decide to use Ecolabel products.

A main barrier in integrating the EU Ecolabel is the **lack of certified** products available nationally. This is discouraging for building contractors who are not that willing to change to foreign suppliers because of unknown factors such as reliability, price and logistics.

Ecolabel ignorance is also a main barrier and initiatives to overcome this must be prioritised so that the benefits of using Ecolabel products are made clear.

Redefining targets and procedures are necessary to ensure the best possible results. One of the important issues that has emerged in this project is the necessity for **“Ecolabel competence - training workshops”** for the participants. It is important that municipality key personnel (purchasers, planners and other staff involved) are well informed and aware of the possibilities and benefits regarding the Ecolabel and Green product procurement.

The need for training possibilities for project partners, Ecolabel product suppliers and building contractors/architects is presently being examined.

Future work will focus on “dense low rise dwellings” as this is a very promising area for introducing Ecolabel products and for training of key actors.

## 7 Appendices

### 7.1 Appendix 1. The European Ecolabel in a low energy building project

The Municipality of Egedal in Denmark has just hosted a kick-off meeting for “Class 1”, a project within the framework of the CONCERTO initiative. CONCERTO is a European-wide initiative, co-funded by the European Commission, addressing the challenges of creating a more sustainable future for Europe’s energy needs. Concretely, it supports local communities in developing and demonstrating concrete strategies and actions that are both sustainable and highly energy efficient.

The project “CLASS 1” is about building approximately 710 very low energy dwellings with a heating demand corresponding to the new Danish low-energy standard referred to as “low-energy class 1” in a new settlement called Stenloese Syd. This means that the energy consumption will be 50% below the new energy regulations. The participants in Denmark include 5 municipalities and a number of experts as well as companies involved in R&D.

The integration of **the European Ecolabel** was a natural supplement for the project. The work of integrating the European Ecolabel in the project is carried out by CENERGIA (Nicholas Paxevanos) in cooperation with Ecolabelling Denmark (Lisbeth Hansen). The Ecolabel is incorporated through:

- **Product use:** Building contractors are encouraged to use ecolabelled products available in the building process (such as paints, hard floor coverings etc.).
- **Information dissemination:** Information is passed on to the **end users** about the products that have been used in the building process as well as other household ecolabelled products available. Relevant information is also passed on to **suppliers** so as to encourage them to apply for a licence.

For more information about this project: please contact Nicholas Paxevanos ([epca@info.dk](mailto:epca@info.dk)) or visit the website for the “CLASS 1” project: <http://concertoplus.eu/CMS/content/view/127/404>



*Nicholas Paxevanos of Cenergia presenting the Ecolabel during the meeting*

## 7.2 Appendix 2. Searching a product/service

Example; Hard floor coverings.

### Search a product / service

➤ You are looking for products / services that are :

Available in	<input type="text"/>
In product / service category	Hard floor coverings
Made by	<input type="text"/>
Sold by	<input type="text"/>

<u>Product / Service</u>	<u>Category</u>	<u>Manufacturer/Service Provider/Retailer</u>	<u>Origin</u>
<a href="#"><u>Acropolis</u></a>	Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain
<a href="#"><u>Alchimie</u></a>	Hard floor coverings	CERAMICHE MARCA CORONA	Italy
<a href="#"><u>Ambienti</u></a>	Hard floor coverings	CERAMICHE SUPERGRES	Italy
<a href="#"><u>Amour</u></a>	Hard floor coverings	FAP CERAMICHE	Italy
<a href="#"><u>Arcadia</u></a>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<a href="#"><u>Ardennes</u></a>	Hard floor coverings	CERAMICHE REFIN	Italy
<a href="#"><u>Area</u></a>	Hard floor coverings	MIRAGE GRANITO CERAMICO	Italy
<a href="#"><u>Arkè</u></a>	Hard floor coverings	CERAMICHE SUPERGRES	Italy
<a href="#"><u>Arketipo</u></a>	Hard floor coverings	CERAMICHE REFIN	Italy
<a href="#"><u>Artech</u></a>	Hard floor coverings	CERAMICHE REFIN	Italy
<a href="#"><u>Artica</u></a>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<a href="#"><u>ASCIUGAMANI 2 maxi rotoli SMA ECOLABEL (cod. 8213)</u></a>	Hard floor coverings	CARTIERA LUCCHESE S.P.A.	Italy
<a href="#"><u>Assuan</u></a>	Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain

<u>Atelier</u>	Hard floor coverings	FAP CERAMICHE	Italy
<u>Atlante</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>Autentica</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>Avantgarde</u>	Hard floor coverings	CERAMICHE REFIN	Italy
<u>Bahia</u>	Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain
<u>Beola Magg</u>	Hard floor coverings	IRIS CERAMICA S.P.A	Italy
<u>Beola naturale</u>	Hard floor coverings	IRIS CERAMICA S.P.A	Italy
<u>Beola Strutt</u>	Hard floor coverings	IRIS CERAMICA S.P.A	Italy
<u>Borgo antico</u>	Hard floor coverings	MIRAGE GRANITO CERAMICO	Italy
<u>Borgogna</u>	Hard floor coverings	CERAMICHE REFIN	Italy
<u>C Project</u>	Hard floor coverings	CERAMICHE MARCA CORONA	Italy
<u>C.I SMA 8 MAXI ROTOLI (cod. 811564)</u>	Hard floor coverings	CARTIERA LUCCHESI S.P.A.	Italy
<u>Cementi</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>CHAMADE</u>	Hard floor coverings	NOVOCERAM	France
<u>Coliseum</u>	Hard floor coverings	NOVOCERAM	France
<u>Collezione Cementi</u>	Hard floor coverings	MIRAGE GRANITO CERAMICO	Italy
<u>Colorwood</u>	Hard floor coverings	CERAMICHE MARCA CORONA	Italy
<u>Confort</u>	Hard floor coverings	CERAMICHE MARCA CORONA	Italy
<u>Contemporary</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>Cotto Sovrano</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>Crea</u>	Hard floor coverings	FAP CERAMICHE	Italy
<u>Creta</u>	Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain
<u>Diago Gallery</u>	Hard floor coverings	CERAMICAS DIAGO S.A.	Spain

A list of the Hard floor coverings suppliers

<u>Category</u>	<u>Manufacturer/Service Provider/Retailer</u>	<u>Origin</u>	<u>Web/Contact</u>
Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain	: <a href="http://www.roca-tile.com">www.roca-tile.com</a>
Hard floor coverings	CERAMICHE MARCA CORONA	Italy	: <a href="http://www.marcacorona.it/index.jsp">www.marcacorona.it/index.jsp</a>
Hard floor coverings	CERAMICHE SUPERGRES	Italy	: <a href="http://www.supergres.com">www.supergres.com</a>
Hard floor coverings	FAP CERAMICHE	Italy	: <a href="http://www.fapceramiche.com">www.fapceramiche.com</a>
Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy	: <a href="http://www.atlasconcorde.it/at">www.atlasconcorde.it/at</a>
Hard floor coverings	CERAMICHE REFIN	Italy	<a href="http://www.refin.it">www.refin.it</a>
Hard floor coverings	MIRAGE GRANITO CERAMICO	Italy	<a href="http://www.mirage.it">www.mirage.it</a>
Hard floor coverings	CARTIERA LUCCHESE S.P.A.	Italy	: <a href="http://www.lucart.it">www.lucart.it</a>
Hard floor coverings	IRIS CERAMICA S.P.A	Italy	Email : <a href="mailto:sga@iris-group.it">sga@iris-group.it</a>
Hard floor coverings	NOVOCERAM	France	: <a href="http://www.novoceram.fr">www.novoceram.fr</a>
Hard floor coverings	CERAMICAS DIAGO S.A.	Spain	<a href="http://www.diago.com">www.diago.com</a>
Hard floor coverings	IMPRONTA CERAMICHE S.P.A.	Italy	<a href="http://www.improntaceramiche.com">www.improntaceramiche.com</a>
Hard floor coverings	RONDINE GROUP	Italy	<a href="http://www.rondinegroup.com">www.rondinegroup.com</a>
Hard floor coverings	CERAMICHE CAESAR	Italy	<a href="http://www.caesar.it">www.caesar.it</a>
Hard floor coverings	NOVABELL CERAMICHE ITALIANE	Italy	: <a href="http://www.novabell.it">www.novabell.it</a>
Hard floor coverings	CERAMICHE KEOPE	Italy	<a href="http://www.keope.com">www.keope.com</a>
Hard floor coverings	FLORIM CERAMICHE S.P.A.	Italy	<a href="http://www.florim.it">www.florim.it</a>
Hard floor coverings	POLIS MANIFATTURE CERAMICHE	Italy	<a href="http://www.poliscer.it">www.poliscer.it</a>
Hard floor coverings	MARAZZI CERAMICHE SPA	Italy	<a href="http://www.marazzi.it">www.marazzi.it</a>

### 7.3 Appendix 3 Letter to contractors

The letter is written on an official letterhead used by the Danish Competent Body and it is aimed at informing them on the possibilities of using Ecolabel products and where they can get more information.



Bygherrer i Egedal Kommune

10. april 2008  
LEH/KHE

Kære Bygherre

Miljømærkning Danmark har erfaret, at I skal i gang med at bygge lav-energi huse i Egedal Kommune. Til lykke med det; det lyder som et rigtigt spændende projekt.

Vi vil med denne henvendelse opfordre til, at I også tænker miljø og klima ind i valget af de byggematerialer I anvender til byggeriet. Det kan I gøre ved at vælge miljømærkede produkter. Miljømærkerne Blomsten og Svanen sikrer nemlig, at produkterne er blandt de bedste på markedet miljømæssigt - og dermed også klimamæssigt, at der er taget hensyn til sundheden, og at kvaliteten er god.

I vedlagte bilag har vi oplistet de muligheder I har for at vælge miljømærkede gulve og maling. Hvis I er interesserede i at få oplysninger om andre miljømærkede produkter kan man se alle produkter på vores hjemmeside [www.ecolabel.dk](http://www.ecolabel.dk). Og hvis I er interesserede i, at vi uddyber hvilke muligheder I har for at vælge miljømærkede produkter til jeres byggeri, må I meget gerne kontakte os.

Med venlig hilsen  
Miljømærkning Danmark



Lisbeth Engel Hansen  
Sekretariatschef

## 7.4 Appendix 4 Genel brochures

### Blomsten og Svanen

Det europæiske miljømærke Blomsten og det nordiske miljømærke Svanen er Danmarks officielle miljømærker. De administreres af Miljømærkesekretariatet.

Blomsten og Svanen hjælper dig med at vælge miljøvenlige varer. Som forbruger skal du blot lægge mærke til, om et produkt er mærket med enten Blomsten eller Svanen, så er du sikker på:

- At det lever op til skrappe miljøkrav
- At der er taget hensyn til sundheden
- At kvaliteten er god

Miljømærkerne er en frivillig ordning for virksomheder, hvis produkter kan leve op til mærkernes krav. Miljømærkerne findes i dag på en lang række produkter og serviceydelser, og der kommer hele tiden nye til.

Du kan læse meget mere om Blomsten og Svanen på [www.ecolabel.dk](http://www.ecolabel.dk). Her kan du finde alle de miljømærkede produkter og læse om forbrug, miljø og sundhed i øvrigt.

Få svanemærket dit byggeri  
– det er sund fornuft, der sælger

Som entreprenør har du nu mulighed for at opføre parcelhuse, dobbelthuse og rækkehuse, som er miljømærket med Svanen.

Svanemærket er dit synlige bevis på, at husenes energiforbrug lever op til skrappe krav. Besparelser på forbruget af el og varme giver mindre uledning af CO<sub>2</sub> – og det er en stor fordel for miljøet fordi det begrænser drivhuseffekten. Samtidig viser svanemærket, at byggematerialerne er skånsomme overfor miljøet – både medens byggeriet står på, og når huset er taget i brug. På den måde tager Svanen hensyn til sundheden ved op at sikre et godt indemiljø.

**Ger sund fornuft til din konkurrencefordel**

Dine kunder kender miljømærket Svanen fra en lang række produkter, som de stoler på i hverdagen. Nu kan du opføre svanemærkede huse og overtale Svanens troværdighed til dit byggeri.

Svanen er et officielt bevis på, at dit byggeri er opført med omtanke for miljøet, og ved at bruge Svanen aktivt i din markedsføring opnår du en væsentlig konkurrencefordel.

Miljømærkesekretariatet  
Danish Standard  
Kollegievej 6  
DK-2920 Charlottelund  
Tlf.: 72 30 04 50  
Fax: 72 30 04 51  
[www.ecolabel.dk](http://www.ecolabel.dk)  
info@ecolabel.dk

Svanemærket tryktag  
Januar 2006

Miljømærkesekretariatet  
[www.ecolabel.dk](http://www.ecolabel.dk)

## Brochure on washing machines

2074 - MMS vaskemaski 01/02/05 10:03 Side 1

### Svanen og Blomsten

Det nordiske miljømærke Svanen og det europæiske miljømærke Blomsten er de to eneste officielt anerkendte miljømærker i Danmark. De administreres af Miljømærkesekretariatet.

Svanen og Blomsten gør det nemt for dig at handle miljørigtigt. Som forbruger skal du blot lægge mærke til, om et produkt er mærket med enten Svanen eller Blomsten, så er du sikker på, at produktet belaster miljøet mindst muligt, og at der er taget hensyn til din sundhed, samtidig med at kvaliteten er høj.

Miljømærkerne er en frivillig ordning for virksomheder, hvis produkter kan leve op til mærkernes krav. Miljømærkerne findes i dag på en lang række produkter og serviceydelser, og der kommer løbende nye til.

Du kan læse meget mere om Svanen og Blomsten på [www.ecolabel.dk](http://www.ecolabel.dk). Her kan du også finde alle de miljømærkede produkter og læse om miljø og sundhed i øvrigt.

Vælg din vaskemaskine med omtanke

De fleste forbrugere ved, at det vaskepulver, vi vasker vores tøj i, kan være belastende både for miljøet og vores egen sundhed. Derfor anvender mange allerede nu miljøvenligt – og dermed i mange tilfælde miljømærket – vaskepulver uden uønskede tilsætningsstoffer.

Men de færreste er klar over, at også vaskemaskinen kan miljømærkes med Svanen og Blomsten. En miljømærket vaskemaskine tager hensyn til forbrug af el og vand, støjniveau samt anvendelsen af miljø- og sundhedsskadelige stoffer i materialer. Derfor er en svane- eller blomstmærket vaskemaskine din garanti for, at der er taget størst muligt hensyn til miljøet – og til mennesker.

Miljømærkesekretariatet  
Danish Standard  
Kollegievej 6  
DK-2920 Charlottelund  
Tlf.: 72 30 04 50  
Fax: 72 30 04 51  
[www.ecolabel.dk](http://www.ecolabel.dk)  
info@ecolabel.dk

Svanemærket tryktag

Miljømærkesekretariatet  
[www.ecolabel.dk](http://www.ecolabel.dk)

## Brochure on washing machine detergents

**Brug af maskinopvaskemidler**

Flere undersøgelser viser, at det ikke nødvendigvis er det mest miljørigtige valg, at vaske op i hånden. Hvis man følger nogle få retningslinier er opvask i opvaskemaskine faktisk det mest miljøvenlige alternativ.

- ✓ Brug miljømærket maskinopvaskemiddel
- ✓ Fyld altid opvaskemaskinen helt op før en vask sættes i gang
- ✓ Hvis du kan vælge vasketemperatur på maskinen, så vælg en temperatur på højst 55 °C. Opvaskemidlerne fungerer fint ved disse temperaturer
- ✓ Brug altid den anbefalede dosering
- ✓ Husk at vedligeholde opvaskemaskinen – husk salt og afspændingsmiddel for det bedste vaskeresultat



### Miljømærkede maskinopvaskemidler



Miljømærkede maskinopvaskemidler bruges til opvask af service og glas i opvaskemaskiner i husholdninger. Maskinopvaskemidler kan mærkes med både Svanen og Blomsten. Kriterierne omfatter kun maskinopvaskemidlet – ikke afspændingsmidlet.

#### Fremtidens varer til nutidens kunder

Et af formålene med et miljømærke er at vejlede og gøre det lettere for forbrugere eller professionelle indkøbere, at vælge den vare, der forurenar mindst. Miljømærket giver desuden garanti for en uafhængig kontrol fra 3. part.

Kravene til en miljømærket vare – eller en serviceydelse – er fastsat på baggrund af en livscyklusvurdering og med det formål at begrænse de voldsomste kilder til forurening gennem hele processen – fra varens "vugge til grav".

#### Miljømærkede maskinopvaskemidler med EU's Blomsten eller den Nordiske Svanen

- må ikke være klassificeret miljø- eller sundhedsskadelige,
- indeholder kun få stoffer, der ikke nedbrydes i naturen,
- er mindst lige så effektive til at vaske op som andre ikke-mærkede produkter.

Miljøsekretariatet  
Dansk Standard  
Kollegievaj 6  
2920 Charlottenlund  
tel. +45 72 300 450  
fax +45 72 300 451  
mail info@ecolabel.dk

Svanen og Blomsten er de største officielle anerkendte miljømærker i Danmark. De administreres af Miljøsekretariatet. Find mere information på [www.ecolabel.dk](http://www.ecolabel.dk). Denne folder er revideret i juli 2005.

## Brochure on copy and graphic paper



### Vælg kopi- og trykpapir med omtanke

Vi printer, trykker og kopierer – og med det store papirforbrug følger en miljøbelastende, energikrævende produktion. Men med blomst- eller svanemærket papir kan du gøre en forskel. Miljømærket papir er produceret efter skrappe miljøkrav, og kvaliteten er selvfølgelig god. Derfor bruger flere virksomheder kopi- og trykpapir, mærket med Blomsten eller Svanen. Ikke mindst som et synligt bevis på en ansvarlig og miljøbevidst indkøbspolitik. Miljømærket papir står nemlig for meget mere end bæredygtigt skovbrug.

#### Energi, kemikalier og bæredygtig skov

Når du vælger blomst- eller svanemærket papir, ved du, at skrappe krav til produktionen har nedsat miljøbelastningen – til gavn for miljø og mennesker.

- **Begrænset energiforbrug og CO2 udslip**  
Miljømærkekravene sikrer, at energiforbruget og CO2 udslippet er begrænset i hele produktionsprocessen. Lige fra træet føres ind i papirmassefabrikken, og indtil papiret kommer ud på færdige ruller.
- **Styr på kemikalierne**  
Nogle af de kemikalier, der anvendes ved fremstilling af papir, er svære at nedbryde i naturen og kan ophobes i fødekæden. Andre er kræftfremkaldende eller hormonforstyrrende. Ved fremstilling af blomst- og svanemærket papir er disse kemikalier enten helt udelukket eller stærkt begrænset. Blegning med klorgas er f.eks. forbudt.

Miljømarkering Danmark  
Dansk Standard  
Kollegievaj 6  
DK-2920 Charlottenlund  
Tel.: +45 72 30 04 50  
Fax: +45 72 30 04 51  
info@ecolabel.dk



## 7.5 Appendix 5. Buying Green – A handbook on environmental public procurement



# Buying green!

A handbook on  
environmental public procurement



European Commission

## 7.6 Appendix 6 Product lists.

### Gulve (Svanen)

Licenshaver	Produkt	Licensnr.	Forhandlere	
<a href="#">Armstrong Danmark A/S</a>	<a href="#">Colorette</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Colorette Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Colorette K</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Decorette</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Decorette K</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Durette</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Granette</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Granette Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Granette K</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">In-Wood A/S</a>	529-007		
	<a href="#">Jaspé</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Jaspé Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">LinoArt Star</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">LinoArt Star Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">LinoArt Star K</a>	529-007	<a href="#">In-Wood A/S</a>	

<a href="#">Linodur</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linodur Sport</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Collorette PUR</a>	529-007		
<a href="#">Linoleum: Colorette</a>	529-007		
<a href="#">Linoleum: Colorette Acoustic</a>	529-007		
<a href="#">Linoleum: Colorette K</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Decorette</a>	529-007		
<a href="#">Linoleum: Decorette Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Decorette K</a>	529-007		
<a href="#">Linoleum: Decorette Pur</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Granette</a>	529-007		
<a href="#">Linoleum: Granette Acoustic</a>	529-007		
<a href="#">Linoleum: Granette K</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Granette PUR</a>	529-007		
<a href="#">Linoleum: Jaspé</a>	529-007		
<a href="#">Linoleum: Jaspé Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Jaspé K</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Jaspé PUR</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: LinoArt Star</a>	529-007		
<a href="#">Linoleum: LinoArt Star</a>	529-007		

Acoustic

<u>Linoleum: LinoArt Star PUR</u>	529-007		
<u>Linoleum: Linodur</u>	529-007		
<u>Linoleum: Linodur PUR</u>	529-007		
<u>Linoleum: Linodur Sport</u>	529-007		
<u>Linoleum: LinoLife</u>	529-007		
<u>Linoleum: Linolife Acoustic</u>	529-007		
<u>Linoleum: LinoLife K</u>	529-007	<u>In-Wood A/S</u>	
<u>Linoleum: Linolife PUR</u>	529-007		
<u>Linoleum: Linorette</u>	529-007		
<u>Linoleum: Linorette Acoustic</u>	529-007		
<u>Linoleum: Linorette K</u>	529-007	<u>In-Wood A/S</u>	
<u>Linoleum: Linorette PUR</u>	529-007		
<u>Linoleum: Linovation Pur</u>	529-007	<u>In-Wood A/S</u>	
<u>Linoleum: LinoArt Star K</u>	529-007	<u>In-Wood A/S</u>	
<u>Linoleum: Marmorette Acoustic</u>	529-007		
<u>Linoleum: Marmorette</u>	529-007		
<u>Linoleum: Marmorette K</u>	529-007	<u>In-Wood A/S</u>	
<u>Linoleum: Marmorette PUR</u>	529-007		
<u>Linoleum: Moiré</u>	529-007		
<u>Linoleum: Moiré Acoustic</u>	529-007		

<a href="#">Linoleum: Moiré K</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Moiré PUR</a>	529-007		
<a href="#">Linoleum: Super Moiré</a>	529-007		
<a href="#">Linoleum: Super Moiré Acoustic</a>	529-007		
<a href="#">Linoleum: Super Moiré K</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Super Moiré PUR</a>	529-007		
<a href="#">Linoleum: Uni Walton</a>	529-007		
<a href="#">Linoleum: Uni Walton Acoustic</a>	529-007		
<a href="#">Linoleum: Uni Walton K</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoleum: Uni Walton PUR</a>	529-007		
<a href="#">LinoLife</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">LinoLife Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linoplan</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">LinoPro</a>	529-007		
<a href="#">Linorette</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linorette Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linorette K</a>	529-007	<a href="#">In-Wood A/S</a>	
<a href="#">Linovation</a>	529-007		

	<a href="#">Marmocor</a>	529-007		
	<a href="#">Marmorette</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Marmorette Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Marmorette K</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Marmorette PUR</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Moiré</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Super Moiré</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Super Moiré Acoustic</a>	529-007		
	<a href="#">Uni Walton</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Uni Walton Acoustic</a>	529-007	<a href="#">In-Wood A/S</a>	
	<a href="#">Uni Walton K</a>	529-007	<a href="#">In-Wood A/S</a>	
<b><a href="#">Forbo Flooring A/S</a></b>	<a href="#">Linoleum: Artoleum 2.5 mm</a>	329-003		
	<a href="#">Linoleum: Marmoleum 2.0 mm, 2.5 mm og 3.2 mm</a>	329-003		
	<a href="#">Marmoleum Decibel</a>	329-003		
<b><a href="#">Pergo Europe</a></b>	<a href="#">Pergo Basic</a>	329-001		
	<a href="#">Pergo Country</a>	329-001		
	<a href="#">Pergo Domestiq Plus</a>	329-001		
	<a href="#">Pergo Expression</a>	329-001		
	<a href="#">Pergo Original</a>	329-001		

	<a href="#">Pergo Practiq</a>	329-001		
	<a href="#">Pergo Prelude</a>	329-001		
	<a href="#">Pergo Select</a>	329-001		
	<a href="#">Pergo Sense</a>	329-001		
	<a href="#">Pergo Uniq</a>	329-001		
	<a href="#">Pergo Universal</a>	329-001		
	<a href="#">Sylva</a>	329-001		
<b><a href="#">SILJAN Wood Products AB</a></b>	<a href="#">Siljan Solid - Fyrretræ</a>	329-005	<a href="#">In-Wood A/S</a>	
	<a href="#">Siljan Solid - Gran</a>	329-005	<a href="#">In-Wood A/S</a>	
<b><a href="#">Tarkett S.p.A</a></b>	<a href="#">Elafono, 2.0 mm</a>	329-008		
	<a href="#">Etrusco XF, 2.5 mm</a>	329-008		
	<a href="#">Linosport Classic, 4.0 mm</a>	329-008		
	<a href="#">Narnidur, 4.0 mm</a>	329-008		
	<a href="#">Silencio XF, 3.3 mm, 3.8 mm</a>	329-008		
	<a href="#">Toscana XF, 2.5 mm</a>	329-008		
	<a href="#">Veneto Acoustic XF, 14 db</a>	329-008		
	<a href="#">Veneto Blf XF</a>	329-008		
	<a href="#">Veneto Essenza, 2.5 mm</a>	329-008		
	<a href="#">Veneto XF, 2.0 mm, 2.5 mm, 3.2 mm</a>	329-008		

**Maling og lak (Svanen)**

Licenshaver	Produkt	Licensnr.	Forhandlere	
<a href="#"><u>Brifa Maling A/S</u></a>	<a href="#"><u>Tendens 1 Bad og Køkken Silkeblank 25 Base A, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Bad og Køkken Silkeblank 25 Base B, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Bad og Køkken Silkeblank 25 Base C, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Vægmaling Halvmat 7 Base A, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Vægmaling Halvmat 7 Base B, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Vægmaling Halvmat 7 Base C, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Vægmaling Luksusmat 5 Base A inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Vægmaling Luksusmat 5 Base B, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Vægmaling Luksusmat 5 Base C, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
	<a href="#"><u>Tendens 1 Vægmaling Silkemat 10 Base A, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>	
<a href="#"><u>Tendens 1 Vægmaling Silkemat 10 Base B, inkl. toning med Monicolor C</u></a>	596-005	<a href="#"><u>A-Z Bilka</u></a>		

	<a href="#">Tendens 1 Vægmaling Silkemat 10 Base C, inkl. toning med Monicolor C</a>	596-005	<a href="#">A-Z Bilka</a>	
<a href="#">Gjøco AS</a>	<a href="#">Gjøco Super Finish 15- base hvid, base a, base b og base c</a>	296-006		
	<a href="#">Gjøco Super Finish 40- base hvid, base a, base b og base c</a>	296-006		
<a href="#">Jotun AS</a>	<a href="#">Butinox Heftgrunning vanntynnet - tekst v Svanelogo</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
	<a href="#">Jotaplast 02</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
	<a href="#">Jotaplast 05</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
	<a href="#">Jotaplast 07</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
	<a href="#">Jotaplast 20</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
	<a href="#">Jotun Grunning for sperring og isolering</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
	<a href="#">Jotun Grunning for Tre og panel</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
	<a href="#">Jotun Heftgrunning V</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
	<a href="#">Jotun Panel Antikk</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	

<a href="#">Jotun Panel Hvit</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Jotun Panel Klar</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Lady Interiør Tre 15</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Lady Interiør Tre 40</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Lady Interiør Tre 80</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Lady Tak Matt 02</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Lady Vegg Easy Clean</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Lady Vegg Halvblank 25</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Lady Vegg Silkematt 10</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Lady Vegg Soft</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Sens grunding træ/panel</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Sens Tak</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<a href="#">Sens Væg/panel/lister 10</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes</a>	

		<u>forhandlere i Danmark</u>	
<u>Sens Væg/panel/lister 30</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff Akryl 07</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff Akryl 10 (gjelder kun Danmark)</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff Akryl 25</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff PVA 02</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff PVA 05</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff PVA 07</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff PVA 20</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff Toppfinish 15</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff Toppfinish 40v</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff Toppfinish 80</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	
<u>Uniproff Toppfinish Akryl Grunning</u>	296-002	<u>På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</u>	

	<a href="#">Uniproff Vegg &amp; Tak Matt</a>	296-002	<a href="#">På <a href="http://www.jotun.dk">www.jotun.dk</a> findes forhandlere i Danmark</a>	
<b><u>Landora</u></b> <b><u>Färgindustri AB</u></b>	<a href="#">Aqua 47</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Bordeaux 06</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Cafe 69</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Canvas 16</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Cappucino 63</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Champagne 27</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Chili 50</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Cremehvid 04</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Cypress 74</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Grafit 28</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Granit 12</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Oliven 36</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Savanna 70</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Silkegrå 14</a>	396-004	<a href="#">Farvekongen</a>	
	<a href="#">Søgræs 35</a>	396-004	<a href="#">Farvekongen</a>	

	<a href="#">Vægmalning 07: Hvid</a>	396-004	<a href="#">Farvekongen</a>	
<a href="#">Tikkurila Danmark A/S</a>	<a href="#">Decor Latextempera (Decor Latextempera, Bas A,B,C)</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Elegant Aqua Lackfärgsgrund</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Elegant Aqua Lakfarve Blank (Elegant Aqua Lackfärg Halvblank, standardkulörer, B)</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Elegant Aqua Lakfarve HB (Elegant Aqua Lackfärg Halvblank, standardkulörer, Bas)</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Elegant Loftsmaling (Elegant Takfärg)</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Elegant Vægfarve Halvmatt (Elegant Væggefärg Halvmatt, Bas A,B,C)</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Elegant Vægfarve Helmat (Elegant Væggefärg Helmatt, Bas A,B,C)</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Elegant Vægfarve Mat (Elegant Væggefärg Matt, standardkulörer, Bas A,B,C)</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Elegant Aqua Lakfarve Mat (Elegant Aqua Lackfärg Matt, standardkulörer, Bas A,B,C)</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Miltex 5 Täckfärg vägg, standardkulörer, bas A,B,C</a>	396-001	<a href="#">Beckers Maling A/S</a>	
	<a href="#">Scotte 20 (Scotte 20, standardkulörer, Bas A,B,C)</a>	396-001	<a href="#">Beckers Maling A/S</a>	

<a href="#"><u>Scotte 3 (Scotte 3, standardkulörer, Bas A,B,C)</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Scotte 5 (Scotte 5, standardkulörer, Bas A,B,C)</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Scotte 7 (Scotte 7, standardkulörer, Bas A,B,C)</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Scotte Grund</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Scotte GT 7 (Scotte GT 7, standardkulörer, Bas A,B,C)</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Scotte Loftsmaling (Scotte Tak)</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Scotte Snickerifinish 40 (Snickerifinish 40, standardkulörer, Bas A,B,C)</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Scotte Snickerifinish 70 (Snickerifinish 70, standardkulörer, Bas A,B,C)</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Servalac Aqua blank; standardkulörer, bas A,B,C</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Servalac Aqua halvblank; standardkulörer, bas A,B,C</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Servalac Aqua Lackfärgsgrund</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Servalac Aqua matt; standardkulörer, bas A,B,C</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Sober Grundfärg Vägg</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	

<a href="#"><u>Sober Matt Täckfärg vägg; standardkulörer, bas A,B,C</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Sober Täckfärg</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Stil Helmett Täckfärg; bas A,B,C</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	
<a href="#"><u>Webetonex Mässfärg (Webetonex)</u></a>	396-001	<a href="#"><u>Beckers Maling A/S</u></a>	

**Indendørs maling og lak (Blomsten)**

Licenshaver	Produkt	Licensnr.	Forhandlere	
<a href="#"><u><b>Akzo Nobel</b></u></a> <a href="#"><u><b>Decorative Coatings</b></u></a>	<a href="#"><u>Bindoplast 20 (W0, W2, hvid, farveløs, R14, Y11, Y16)</u></a>	SE/7/1	<a href="#"><u>Malernes Lagersalg</u></a> <a href="#"><u>Nordsjø Farver</u></a>	
	<a href="#"><u>Bindoplast 3 (W0, W2 og hvid)</u></a>	SE/7/1	<a href="#"><u>Malernes Lagersalg</u></a> <a href="#"><u>Nordsjø Farver</u></a>	
	<a href="#"><u>Bindoplast 7 (W0, W2, hvid, farveløs R14, sort, Y11, Y16)</u></a>	SE/7/1	<a href="#"><u>Malernes Lagersalg</u></a> <a href="#"><u>Nordsjø Farver</u></a>	
	<a href="#"><u>Inova Xtramat (W0, W2, hvid, farveløs)</u></a>	SE/7/1	<a href="#"><u>Malernes Lagersalg</u></a> <a href="#"><u>Nordsjø Farver</u></a>	
<a href="#"><u><b>Alcro-Beckers AB</b></u></a>	<a href="#"><u>Decor Latextempera</u></a>	SE/7/3		
	<a href="#"><u>Elegant Aqua Lackfärgsgrund</u></a>	SE/7/3		
	<a href="#"><u>Elegant Aqua Lakfarve Blank (Elegant Aqua Lackfärg Halvblank, standardkulörer, B</u></a>	SE/7/3		
	<a href="#"><u>Elegant Aqua Lakfarve HB (Elegant Aqua Lackfärg Halvblank, standardkulörer, Bas</u></a>	SE/7/3		
	<a href="#"><u>Elegant Grundfarve</u></a>	SE/7/3		
	<a href="#"><u>Elegant Loftfarve</u></a>	SE/7/3		
	<a href="#"><u>Elegant Vægfarve Halvmat</u></a>	SE/7/3		
	<a href="#"><u>Elegant Vægfarve Helmat</u></a>	SE/7/3		
<a href="#"><u>Elegant Vægfarve Mat</u></a>	SE/7/3			

	<a href="#"><u>IElegant Aqua Lakfarve Mat (Elegant Aqua Lackfärg Matt, standardkulörer,Bas A,B,</u></a>	SE/7/3		
	<a href="#"><u>Scotte 20</u></a>	SE/7/3		
	<a href="#"><u>Scotte 3</u></a>	SE/7/3		
	<a href="#"><u>Scotte 5</u></a>	SE/7/3		
	<a href="#"><u>Scotte 7</u></a>	SE/7/3		
	<a href="#"><u>Scotte Grunder</u></a>	SE/7/3		
	<a href="#"><u>Scotte GT 7</u></a>	SE/7/3		
	<a href="#"><u>Scotte Snickerifinish 40</u></a>	SE/7/3		
	<a href="#"><u>Scotte Snickerifinish 70</u></a>	SE/7/3		
	<a href="#"><u>Webetonex</u></a>	SE/7/3		
<a href="#"><u>Beck &amp; Jørgensen A/S</u></a>	<a href="#"><u>B &amp; J 10 Vægmaling (410-105 Iglo Hvid: 1, 3, 5 og 10 liters)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
	<a href="#"><u>B &amp; J 10 Vægmaling (410-205 Brækket Hvid: 1, 3, 5 og 10 liters)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
	<a href="#"><u>B &amp; J 2 Loftsmaling (402-100 Hvid: 3, 5 og 10 liter)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
	<a href="#"><u>B &amp; J 5 Loft og Vægmaling (405-105 Iglo Hvid: 1, 3, 5 og 10 liter)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
	<a href="#"><u>B &amp; J 7 Vægmaling (407-105 Iglo Hvid: 1, 3, 5 og 10 liters)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
	<a href="#"><u>B &amp; J 7 Vægmaling (407-205 Brækket Hvid: 1, 3, 5 og 10 liters)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	

<a href="#"><u>B&amp;J 10 A-Base inkl. toning efter B&amp;J retninger (410-101: 0,9l, 2,7l, 4,5l og 9l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 10 C-Base inkl. toning efter B&amp;J retninger (410-001: 0,9l, 2,7l, 4,5l og 9l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 25 A-Baes inkl. toning efter B&amp;J retninger (425-101: 0,9l, 2,7l og 9l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 25 C-Base inkl. toning efter B&amp;J retninger (425-001: 0,9l, 2,7l og 9l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 25 Vægmaling (425-205): Brækket Hvid: 1, 3, 5 og 10l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 5 A-Base inkl. toning efter B&amp;J retninger (405-101: 0,9l, 2,7l, 4,5l og 9l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 5 C-Base inkl. toning efter B&amp;J retninger (405-001: 0,9l, 2,7l og 9l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 5 Loft- og vægmaling (405-205 Brækket Hvid: 1, 3, 5 og 10l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 7 A-Base inkl. toning efter B&amp;J retninger (407-101: 0,9l, 2,7l, 4,5l og 9l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<a href="#"><u>B&amp;J 7 C-Base inkl. toning efter B&amp;J retninger (407-001: 0,9l, 2,7l og 9l)</u></a>	DK/7/2	<a href="#"><u>Beck &amp; Jørgensen Skala</u></a>	
<b><u>ISO PAINT</u></b>			
<a href="#"><u>ISO Forankringsgrunder</u></a>	DK/7/5	<a href="#"><u>ISO Paint Herlev</u></a>	

**NORDIC A/S**

**ISO Paint Kolding**

**Liwa Colour Center** Allgrund

SE/7/11

Balling Storkøb  
Emdrup Farve Center  
Grønland Byggecenter  
Liwa Colour Center - Bedsted  
Liwa Colour Center - Maribo  
Liwa Colour Center - Nakskov  
Liwa Colour Center -  
Nykøbing



Liwa Tak 3

SE/7/11

Balling Storkøb  
Emdrup Farve Center  
Grønland Byggecenter  
Liwa Colour Center - Bedsted  
Liwa Colour Center - Maribo  
Liwa Colour Center - Nakskov  
Liwa Colour Center -  
Nykøbing



Liwa vägg 20

SE/7/11

Balling Storkøb  
Emdrup Farve Center  
Grønland Byggecenter  
Liwa Colour Center - Bedsted  
Liwa Colour Center - Maribo  
Liwa Colour Center - Nakskov  
Liwa Colour Center -  
Nykøbing



Liwa V ägg 7

SE/7/11

Balling Storkøb  
Emdrup Farve Center  
Grønland Byggecenter  
Liwa Colour Center - Bedsted  
Liwa Colour Center - Maribo  
Liwa Colour Center - Nakskov  
Liwa Colour Center -  
Nykøbing



Catalogue <http://www.eco-label.com/default.htm>

**Example: Searching for products (Example; Hard floor coverings).**

## Search a product / service

> You are looking for products / services that are :

Available in	<input type="text"/>
In product / service category	Hard floor coverings
Made by	<input type="text"/>
Sold by	<input type="text"/>

<u>Product / Service</u>	<u>Category</u>	<u>Manufacturer/Service Provider/Retailer</u>	<u>Origin</u>
<a href="#">Acropolis</a>	Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain
<a href="#">Alchimie</a>	Hard floor coverings	CERAMICHE MARCA CORONA	Italy
<a href="#">Ambienti</a>	Hard floor coverings	CERAMICHE SUPERGRES	Italy
<a href="#">Amour</a>	Hard floor coverings	FAP CERAMICHE	Italy
<a href="#">Arcadia</a>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<a href="#">Ardennes</a>	Hard floor coverings	CERAMICHE REFIN	Italy
<a href="#">Area</a>	Hard floor coverings	MIRAGE GRANITO CERAMICO	Italy
<a href="#">Arkè</a>	Hard floor coverings	CERAMICHE SUPERGRES	Italy
<a href="#">Arketipo</a>	Hard floor coverings	CERAMICHE REFIN	Italy
<a href="#">Artech</a>	Hard floor coverings	CERAMICHE REFIN	Italy
<a href="#">Artica</a>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<a href="#">ASCIUGAMANI 2 maxi rotoli SMA ECOLABEL (cod. 8213)</a>	Hard floor coverings	CARTIERA LUCCHESI S.P.A.	Italy
<a href="#">Assuan</a>	Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain
<a href="#">Atelier</a>	Hard floor	FAP CERAMICHE	Italy

	coverings		
<u>Atlante</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>Autentica</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>Avantgarde</u>	Hard floor coverings	CERAMICHE REFIN	Italy
<u>Bahia</u>	Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain
<u>Beola Magg</u>	Hard floor coverings	IRIS CERAMICA S.P.A	Italy
<u>Beola naturale</u>	Hard floor coverings	IRIS CERAMICA S.P.A	Italy
<u>Beola Strutt</u>	Hard floor coverings	IRIS CERAMICA S.P.A	Italy
<u>Borgo antico</u>	Hard floor coverings	MIRAGE GRANITO CERAMICO	Italy
<u>Borgogna</u>	Hard floor coverings	CERAMICHE REFIN	Italy
<u>C Project</u>	Hard floor coverings	CERAMICHE MARCA CORONA	Italy
<u>C.I SMA 8 MAXI ROTOLI (cod. 811564)</u>	Hard floor coverings	CARTIERA LUCCHESI S.P.A.	Italy
<u>Cementi</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>CHAMADE</u>	Hard floor coverings	NOVOCERAM	France
<u>Coliseum</u>	Hard floor coverings	NOVOCERAM	France
<u>Collezione Cementi</u>	Hard floor coverings	MIRAGE GRANITO CERAMICO	Italy
<u>Colorwood</u>	Hard floor coverings	CERAMICHE MARCA CORONA	Italy
<u>Confort</u>	Hard floor coverings	CERAMICHE MARCA CORONA	Italy
<u>Contemporary</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>Cotto Sovrano</u>	Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A	Italy
<u>Crea</u>	Hard floor coverings	FAP CERAMICHE	Italy
<u>Creta</u>	Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain
<u>Diago Gallery</u>	Hard floor coverings	CERAMICAS DIAGO S.A.	Spain

## A list of the Hard floor coverings suppliers

Category	Manufacturer/Service Provider/Retailer	Origin	Web/Contact
Hard floor coverings	CERAMICAS DEL FOIX S.A.	Spain	<a href="http://www.roca-tile.com">www.roca-tile.com</a>
Hard floor coverings	CERAMICHE MARCA CORONA	Italy	<a href="http://www.marcacorona.it/index.jsp">www.marcacorona.it/index.jsp</a>
Hard floor coverings	CERAMICHE SUPERGRES	Italy	<a href="http://www.supergres.com">www.supergres.com</a>
Hard floor coverings	FAP CERAMICHE	Italy	<a href="http://www.fapceramiche.com">www.fapceramiche.com</a>
Hard floor coverings	CERAMICHE ATLAS CONCORDE S.P.A.	Italy	<a href="http://www.atlasconcorde.it/at">www.atlasconcorde.it/at</a>
Hard floor coverings	CERAMICHE REFIN	Italy	<a href="http://www.refin.it">www.refin.it</a>
Hard floor coverings	MIRAGE GRANITO CERAMICO	Italy	<a href="http://www.mirage.it">www.mirage.it</a>
Hard floor coverings	CARTIERA LUCCHESI S.P.A.	Italy	<a href="http://www.lucart.it">www.lucart.it</a>
Hard floor coverings	IRIS CERAMICA S.P.A.	Italy	Email : <a href="mailto:sga@iris-group.it">sga@iris-group.it</a>
Hard floor coverings	NOVOCERAM	France	<a href="http://www.novoceram.fr">www.novoceram.fr</a>
Hard floor coverings	CERAMICAS DIAGO S.A.	Spain	<a href="http://www.diago.com">www.diago.com</a>
Hard floor coverings	IMPRONTA CERAMICHE S.P.A.	Italy	<a href="http://www.improntaceramiche.com">www.improntaceramiche.com</a>
Hard floor coverings	RONDINE GROUP	Italy	<a href="http://www.rondinegroup.com">www.rondinegroup.com</a>
Hard floor coverings	CERAMICHE CAESAR	Italy	<a href="http://www.caesar.it">www.caesar.it</a>
Hard floor coverings	NOVABELL CERAMICHE ITALIANE	Italy	<a href="http://www.novabell.it">www.novabell.it</a>
Hard floor coverings	CERAMICHE KEOPE	Italy	<a href="http://www.keope.com">www.keope.com</a>
Hard floor coverings	FLORIM CERAMICHE S.P.A.	Italy	<a href="http://www.florim.it">www.florim.it</a>
Hard floor coverings	POLIS MANIFATTURE CERAMICHE	Italy	<a href="http://www.poliscer.it">www.poliscer.it</a>



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Hard floor coverings	MARAZZI CERAMICHE SPA	Italy	<a href="http://www.marazzi.it">www.marazzi.it</a>	:
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