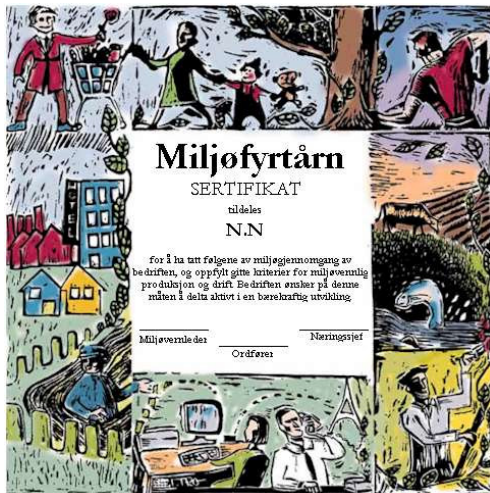


D.5.3.2.1 Certification of first SMEs

Many SMEs have a potential for reducing their energy consumption by 10-20% by implementing a systematic approach to total environmental performance. The goal of the project is to recruit, train and certify up to 50 SMEs by using the Eco-lighthouse certification program (*Miljøfyrtårn* in Norwegian).

The Eco-Lighthouse Program

The Eco-Lighthouse Program is a tailor-made program for environmental certification of small and medium-sized companies and public administration in Norway. Through the program companies reduce their impact on the environment, cut costs and benefit from their status as an environmentally responsible company. Companies that complete the Eco-Lighthouse Program are awarded certificates.



The municipality award a mini certificate in an A-4 format that may be used in various kinds of marketing.

The municipality of Trondheim recruits new companies, assign consultants to companies, oversee media coverage, and conduct certification inspections. The municipality also award the certificates. A representative from the municipality's Environmental Department participates in the first meeting with companies in each industry in order to establish good communication between the municipality and private companies. Local consultants then conduct environmental analyses with input from the environmental groups formed by company management and employees.

The environmental group selects subjects of the environmental analysis. Common subjects include:

- work environment
- waste reduction
- waste treatment / sorting
- materials use / consumption - demands on suppliers
- energy consumption
- water consumption
- internal information
- transportation

While the consultant conducts the environmental analysis and works with the environmental group in producing a plan of action, it is *the company's* project. The consultant requires the company to furnish data at each meeting, for example a list of chemicals used, energy/oil consumption, etc. At each meeting a new subject is discussed where the participants find practical ways to solve problems, i.e. safe storage of special waste.

The environmental group works out a plan of action to fulfil industry requirements for certification. The plan of action includes measures to be carried out over a three-year period. Each company prioritises on an individual basis. Experience shows that investments easily pay for themselves.

Status 2007

The Eco-City project started in October 2005. Below we have listed the 6 SMEs that have become certificated according to the Eco-Lighthouse Program since that date.

Table 1: List of certified SMEs since October 2005:

Name of company	Date of certification
Nidarvoll barnehage	16.01.06
Nidaros bispedømmeråd, bispeddømmekontoret	04.05.06
Aco Kjemi AS	16.06.06
Trondhjems turistforening	04.05.07
Sør-Trøndelag fylkeskommune, Fylkeshuset	14.06.07
Tømmerfirma Kvarsnes AS	01.08.07

The Municipality of Trondheim started to work with the Eco-Lighthouse Program in 2000. A register listing all SMEs that are certified in Trondheim is available on the Internet (<http://www.miljofyrtarn.no/Bedriftsregister/Kommune/Trondheim.htm>). At present 39 SMEs are listed in the register. A certificate is valid for three years. In the last couple of years 27 SMEs have been re-certified.

Although only 6 SMEs have become certified since October 2005, a considerable number of companies have been recruited to take part in the Eco-Lighthouse Program. In total 31 companies in Trondheim representing 16 different industry branches have declared that they would like to become certified as *Miljøfyrtårn*. Hence, these companies are in the process of becoming certified. The names of these companies are listed in table 2 below.

Table 2: List of companies that have made a voluntarily agreement to take part in the Eco-Lighthouse Program

	Date of agreement	Name of company	Branch (in Norwegian)	Consultant
1	15.04.06	Tømrerfirma Kvarsnes AS	Byggmester	Anniken B. Meisler
2	20.04.06	Klomsten Rør AS	Rørlegger	Anniken B. Meisler
3	15.11.06	Samfundet/UKA	Festivaler mm	Anniken B. Meisler
4	11.12.06	Tromas	Maskinforretning/slipeverksted	Anniken B. Meisler
5	12.12.05	Trondhjems Turistforening	Kontor, tilrettelegger friluftsliv	Tom V. Haslie
6	01.06.06	Malermestrenes Andelslag	butikk	Tom V. Haslie
7	20.12.06	Gunnar T. Strøm	butikk	Tom V. Haslie
8	20.12.06	Gunnar T. Strøm	malermester	Tom V. Haslie
9	20.12.06	Gunnar T. Strøm	rørlegger	Tom V. Haslie
10	20.12.06	Sandbakken Barnehage	barnehage	Tom V. Haslie
11	20.12.06	Fjæraskogen Barnehage	barnehage	Tom V. Haslie
12	20.12.06	Lade Barnehager avd. Østmarkneset	Barnehage	Tom V. Haslie
13	29.12.06	Motor Trade AS	Bilforhandler - Bilverksted	Anniken B. Meisler
14	06.02.07	COWI AS	Kontorbedrift	Per-Ove Orvik
15	22.02.07	Prøven Bil AS	Bilforhandler - Bilverksted	Anniken B. Meisler
16	23.02.07	Myklebust AS	Kontorbedrift	Magni Fossbakken
17	28.02.07	PM International AS	Kontor	Elisabeth Lægdheim
18	22.03.07	Thon Hotell, Gildevangen	Hotell	Totalmiljø AS
19	12.04.07	TK Produksjonskjøkken	Catering	
20	24.04.07	Farmers	Grossist	Anniken B. Meisler
21	24.04.07	Getek (Malvik) (Bedr.forbundet)	Elektroentreprenør	Anniken B. Meisler
22	24.04.07	Trykkpartner Lade (Bedr.forbundet)	Grafisk bedrift	Anniken B. Meisler
23	24.04.07	TEP Trøndelag (Bedr.forbundet)	Elektroentreprenør	Anniken B. Meisler
24	24.04.07	Post- og reklameservice (Bedr.forbundet)	Grafisk bedrift	Anniken B. Meisler
25	24.04.07	Kjeøy Regnskap (Bedr.forbundet)	Kontor	Anniken B. Meisler
26	24.04.07	Dobbelt J reklamebyrå (Bedr.forbundet)	Kontor	Anniken B. Meisler
27	26.04.07	Heimdal entreprenør	Hovedentreprenør Underentreprenør	Elisabeth Lægdheim
28	26.02.07	Fagerhaug og Olstad	Butikk	Elisabeth Lægdheim
29	23.05.07	Tapir Trykk	Grafisk bedrift	Anniken B. Meisler
30	13.06.07	Osvald Gjetø AS	Malermester	Tom V. Haslie
31	11.10.07	G. S. Interiør	Butikk	

The Municipality of Trondheim adopted in autumn 2006 a new tender act that put more emphasis on environmental aspects than the previous one. Since the municipality is a large buyer of goods and services in the Trondheim region, we expect that this decision would encourage even more companies to become environmentally certified.