

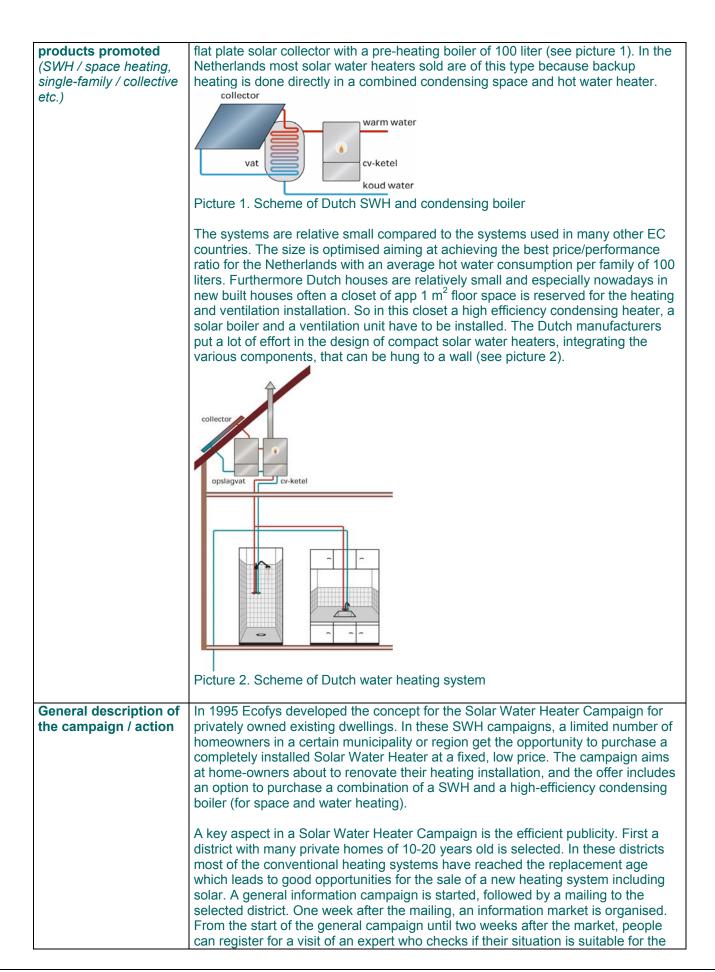
Projects



# **1** General information

Project Title	BeldeZon "Call the sun" Solar water Heater Campaigns
Target country / region / city	Municipalities/home owners in the Netherlands, members/ clients of ASN bank, WWF and other organisations
<b>Initiator</b> , and the role that the initiator has in the action / campaign	<ul> <li>Municipalities</li> <li>Regions</li> <li>ASN Bank</li> <li>WWF</li> <li>local energy agencies</li> </ul>
Other important parties and their roles	<ul> <li>Sol*ID, an organisation of 30 (solar dedicated) installation companies</li> <li>Ecostream, a marketing and information centre, including call centre services</li> <li>Ecofys as consultant for acquisition, customising/local tuning of campaigns, qualiy control and evaluation.</li> </ul>
Organisation of the campaign / action (Organisation chart)	A central position has the customer (the home owner) and his questions. A solar what? Why? Where can I get good information? How does it look? How do I get a good offer? A dedicated marketing and information centre (Ecostream) adequately responds to these questions by (local) information campaigns, call centre services, by organising (local) information centre should be followed up adequately by good sales and installation services. This is organised in co-operation with Sol*ID or by selection of locally qualified installers. Within SOL*ID system tenders have been conducted in order to establish a qualified product portfolio. This whole one-stop-shop concept is marketed as BeldeZon (Call the Sun).
Goals	<ul> <li>The Call the Sun campaigns have been developed as follow-up of the Solar</li> </ul>

	<ul> <li>Water Heater Campaigns with the goal to develop the market for domestic solar water heaters. Within the campaigns municipalities, utilities and other organisations are assisted to promote solar water heaters in the private existing housing market. Most of these organisations have environmental goals, but also have a lack of instruments, ideas and experience to achieve these goals.</li> <li>Within the campaigns an effective effort has been made to tackle the main market barriers. Within this approach solar technology is offered in balanced packages combining:</li> <li>the economy of scale (large scale hardware and installation tendering), quality control (embedded in tendering procedures, inspections, solar result guarantee),</li> <li>high quality solar energy systems and back-up heating systems, selective marketing and publicity focussed on the target group,</li> <li>financial, logistic, installation and after sales services.</li> </ul>
Tendering	In the preparation phase suppliers are invited to participate in the tendering procedures. They can expect more sales with less effort on marketing and publicity. Special forms are developed to compare the various offers of the suppliers. The selection of suppliers to participate in the campaign by the project team is based on the following criteria: quality, price and way of implementation of the system. Only systems with proven quality can be selected. The quality assessment is based on national/EU standards as well as on practical project references during some years. This quality assessment prevents the large scale introduction of bad quality systems which would be detrimental for the market development of solar water heaters in this stage.
	In some projects installers who do not fulfil the selection criteria get the opportunity to meet them. In this way a Solar Water Heater Campaign is a good method to introduce solar water heaters to local installers; during the preparation phase they learn how to sell and install solar water heaters and after the information campaign, if the installers fulfil the quality criteria of training, they receive addresses of families who are interested in buying a solar water heater (in combination with a high efficiency heater). They can visit these families and give an offer for a solar water heater (in combination with a high efficiency heater). During the installation phase the installers are assisted by the supplier, who also inspects part of the systems.
Project Timeline	Campaigns are always held in the months March till June and September till November. Because in these periods you have the natural moments of the start of sunny weather and the replacement the condensing heaters. The campaign itself lasts appr. 3 months.
Type of solar heating	Most solar water heating systems used in the Netherlands consist of app. a 3 m <sup>2</sup>



	installation of a Solar Water Heater and presents an offer. If the offer is accepted, the system will be installed.
	The Solar Water Heater Campaigns have resulted in 1999 in the establishment of the national solar sales and information centre BeldeZon (Call the Sun) and Sol*ID, an organisation in which 30 installation companies and a marketing logistic company participate. Sol*ID is capable of handling campaigns throughout the whole Netherlands. Since 1999 the Solar Water Heater Campaign formula has also been adapted for new customer groups like employees of companies, clients of banks and the NGO's like the WWF. Within BeldeZon Solar Water Heater campaigns have also been broadened with an offer for an Energy Performance Advice (EPA), enabling a 25% extra subsidy bonus for solar water heaters, and also to other measures like PV-panels.
<b>Project Strategy</b> (f.i. strategy chart)	<ul> <li>Key factors of the campaign are:</li> <li>existing dwellings</li> <li>replacement of heating system</li> <li>good price quality ratio</li> <li>efficient publicity in short period</li> </ul>
Results of the project	Since 1995 Ecofys initiated, developed and co-ordinated 44 Solar Water Heater Campaigns in which in total app 20.000 solar water heaters will be installed. About 100 municipalities, 6 utilities and hundreds of installers participated in the campaigns so far. Due to these SWH campaigns sales in the existing houses market segment have grown from a few hundred to near 5000 systems per year and are responsible for 80% of all sales in the private housing sector at this moment (see figure 1). Figure 1. Yearly number of SWH installed in the renovation market individually and within SWH campaigns.
	ž 1000 500 0 <b></b> 89 90 91 92 93 94 95 96 97 98 99 Year Beldezon sales:
	<ul> <li>2001: mainly through 2 campaigns: 200 SWH and 2150 PV modules.</li> <li>2002: 5 municipality campaigns finished: Apeldoorn, Tilburg, Gouda, Emmen Houten. Total: 450 SWH, 100 PV panels. Ongoing campaigns: Ridderkerk (40 PV panels so far), Gooi-Vecht region (9 municipalities), Amstelveen region (7 municipalities), Rotterdam, Amsterdam, Den Haag.</li> </ul>
Target Group(s) (check all that apply)	<ul> <li>√ Private house-owners (existing dwellings)</li> <li>O Developers / builders of new dwellings</li> <li>O Housing associations</li> <li>√ Installers</li> </ul>

Actions on demand	General information / publicity to consumers
side (check all that	O Subsidy / incentive
apply)	✓ Promotion of specific products
	Sales of products (as part of the campaign)
	O Leasing of products (as part of the campaign)
	O Solar contracting (as part of the campaign)
	Installation of products (as part of the campaign)
	Reduction of price
	Present on information fairs
	0
	0
Media, publicity and	√ Press releases
promotion actions	√ Brochures
used in the campaign	√ Internet marketing / Web site
(demand side)	Event marketing / Promotion events (fairs, markets, conferences,)
	Advertisements, articles
Actions on supply side	√ Information to installers
(check all that apply)	Education of installers
	Procurement / tendering of products
	Procurement / tendering of installation services
	Quality control on products
	Quality control on installers
	Checks on commissioning / delivery
	V Onecks on commissioning / derivery
Information sources	√ www.beldezon.nl
about the campaign	
and at the outputyingh	· · · · · · · · · · · · · · · · · · ·
Contact person and	Ecofys, Giel Linthorst Tel: +31-30-2808322 Fax: +31-30-2808301 E-mail:
contact data, for more	g.linthorst@ecofys.nl
info:	

# 2 Analysis of strong / weak points, success / failure factors

## 2.1 INTERNAL success factors/strong points

Please give an analysis of the **internal** success factors (strong points concerning the project set-up, communication, execution, etc.) of the campaign/action. Why did it work?

Key success factors of the campaign are:

- existing dwellings
- replacement of heating system
- fixed, nice price
- efficient publicity in short period

## 2.2 INTERNAL failure factors / weak points

Please give an analysis of the **internal** failure factors (weak points / bottlenecks concerning the project set-up, communication, execution, decision makers who should have been involved,...) of the campaign / action. What caused major problems / weak points?

#### Internal failure factors are:

- The publicity in mostly all campaign is done by the municipality itself.

#### 2.3 EXTERNAL success factors / strong points

Please give an analysis of the **external** conditions (critical factors in the environment in which the project was executed). Why did it work?

External success factors are: - The high subsidy for SWH.

#### 2.4 EXTERNAL failure factors / weak points

Please give an analysis of the **external** conditions (critical factors / bottlenecks in the environment in which the project was executed). What caused major problems? What action could be taken to influence these factors? What would you change in a similar campaign / action?

External failure factors are:

- The installers
- National campaign subsidies have been abolished since 2000, they have to be sold commercially, which retards the market growth.

#### 2.5 Which recommendations would you give other parties who want to imitate these projects? (lessons learned)

#### 2.6 What other parties could act as initiator for a project like this?