

A. RATIONALE

The Greener Homes Scheme Phase III provides financial assistance to homeowners who intend to purchase a new renewable energy heating system for an existing home. The scheme is administered by The Sustainable Energy Authority of Ireland and aims to increase the use of sustainable energy technologies within Irish homes. The objective of the equipment registration process is to promote quality in the marketplace and maintain consumer confidence to support the continuing deployment of solar thermal energy in Ireland and to facilitate the administration of the scheme. The equipment registration process is managed by SEAI's Renewable Energy Information Office.

B. CONDITIONS FOR EQUIPMENT REGISTRATION

The Greener Homes Scheme Phase III provides support towards active solar thermal energy systems for space and/or sanitary water heating. Only registered equipment will be eligible for funding under the Greener Homes Scheme Phase III. Lists of registered products will be maintained on SEAI's Greener Homes Scheme Phase III website at:

<http://www.seai.ie/greenerhomes>

In order to be eligible for support under the scheme, the equipment to be installed should meet the following criteria:

B.1. Definition of eligible product and identification:

The eligibility applies to systems using solar collectors with glazed absorbers and insulated against heat losses. The heat transfer medium can be a liquid or air.

Registration is for an individual collector type. A type is generally defined as products with the same specifications for materials, sub-components and configurations. However, if the manufacturer produces the "same" collector in different lengths and/or widths (i.e. the only difference between two collectors is the length and/or the width) the collector is considered the same type.

Verification of compliance:

A clear description of the solar collectors must be provided with sufficient details to be able to identify the collector types (identification name or number, construction details, sizes, etc.), the intended purpose and general considerations for their use in a solar thermal system.

B.2 Performance and Durability:

A solar collector will be assessed for registration under the Greener Homes Scheme Phase III on the basis of the results:

- defined in EN 12975-1 & EN 12975-2 test reports for both ***thermal performance*** and ***durability***.
- defined in recognised equivalent standards, e.g. EN 12976 for Factory Made Solar Heating Systems, EN 12977 for Custom Built Solar Heating Systems, ISO 9806-1&2, for ***thermal performance*** and ***durability***.

Verification of compliance:

A copy of the test report(s) for thermal performance and durability for each collector type must be provided. The test report shall be from a laboratory accredited for testing according to the appropriate standard. The report shall identify clearly:

- name and contact details of the testing laboratory;
- standard used for testing;
- name and details of the manufacturer;
- collector type covered by the test.

The test report shall be dated and signed. Test results must be unequivocal.

B.3 System Documentation:

Solar collectors shall be accompanied by an installer instruction manual in English, if traded as stand alone components. If they are part of a complete system, the system installation manual shall cover the complete system. The instruction manual shall at least contain the following information (as per EN 12975-1):

- dimensions and weight of the collector, instructions about the transport and handling of the collector;
- description of the mounting procedure;
- recommendations about lightning protection;
- instructions about the coupling of the collectors to one another and the connection of the collector field to the heat transfer circuit, including dimensions of pipe connections for collector arrays up to 20 m²;
- recommendations about the heat transfer media which may be used (also with respect to corrosion) and precautions to be taken during filling, operation and service;
- the maximum operation pressure, the pressure drop and the maximum and minimum tilt angle;

- permissible wind and snow load;
- maintenance requirements.

The solar thermal system installed shall be accompanied by the relevant documentation concerning personal safety, maintenance and handling of the product. This documentation shall be made available in English to all customers who purchase the solar thermal system.

Verification of compliance:

A copy of the installer instruction manual and customers' documentation in English shall be provided with the registration application form. These documents shall be directly relevant to the different collector types submitted for registration.

C. HOW TO APPLY FOR EQUIPMENT REGISTRATION?

C.1. Who can submit an application?

The application can be submitted by the equipment manufacturer or one of its designated agents in Ireland. If the application is submitted by a manufacturer who is not based in Ireland, an Irish agent must be identified as a local contact during the application process.

C.2. How to submit an application?

Before applying, you need to make sure that you have completed the form attached correctly and that you have enclosed all required documentation (see checklist). You can then submit your application by post to:

Joe Jolley.
Sustainable Energy Authority of Ireland
Renewable Energy Information Office
Unit A
West Cork Technology Park
Clonakilty
Co. Cork

If the information above is available electronically, you are welcome to supply it by email to joe.jolley@reio.ie as well as by post. If you need further information, please do not hesitate to contact Joe Jolley at +353 (0)23 8863394.

C.3. How long does the registration process take?

Upon receipt of an application, you will be notified within 5 working days of any missing information required for the registration process. Once the application file is complete, the registration process will be completed within 10 to 15 working days.

If the application is successful, the registered equipment will be included in SEAI's list of registered products at the next update of the list. This list is updated every 10 to 15 working days.

D. HOW TO BE LISTED AS A SUPPLIER?

Designated Irish suppliers of a particular product can be listed under each manufacturer's section within the list of registered equipment. This is to facilitate consumers identifying companies supplying a particular product for information, quotation and procurement.

To register as a supplier, please fill in your contact details in the form attached and return it to SEAI-REIO (contact details in C.2). This shall be accompanied by a signed declaration from the manufacturer of the relevant equipment, or its main distributor, stating clearly that your company is recognised as one of its agents.

The list of suppliers is limited to 10 companies for each manufacturer's section.

Application Form

1. SUPPLIER DETAILS

Name: _____

Address 1: _____

Address 2: _____

Address 3: _____

County: _____

Tel: _____ Mobile: _____ Fax: _____

Email: _____ Website: _____

Contact persons:

Company director(s): _____

Sales representative(s): _____

2. SALES:

Please indicate your sales figures in number of square meters of solar collectors supplied or installed directly by your company in Ireland. This information is to be used for statistical reasons only and will be treated in confidence.

<i>Type of solar collector (glazed)</i>	<i>Supplied¹</i>	<i>Installed²</i>
	2004	
Flat plate air		
Flat plate water		
Evacuated tubes		
	2005	
Flat plate air		
Flat plate water		
Evacuated tubes		
	2006	
Flat plate air		
Flat plate water		
Evacuated tubes		

¹ Area of solar collectors supplied to other companies.

² Area of solar collectors installed directly by your company.

4. WARRANTY ON SOLAR COLLECTORS

Please declare how many years of warranty (parts and labour) your customers are offered on the appliances supplied by your company. Minimum requirements for registration are 5 years.

Flat Plate Collector: years.

Tube Collector: years

5. DECLARATION

Please sign and date the following declaration.

I/we confirm that the information submitted in the application form is correct to the best of my/our knowledge. I/we accept that the final decision on whether a specific panel is registered under the Greener Homes Scheme Phase III is at the discretion of SEAI.

Name: _____

Authorised Representative of: _____

Signature: _____

Date: _____