

Newsletter #3

December 2010



Dear house owners and other interested,

What could be anticipated after the dramatic culmination of events that led to the decisions of September 2008 is now unraveling before our eyes. It is easy to make comparisons to other sectors in Ireland where established 'experts' and 'authorities' have created a sub-standard infrastructure. There is usually a lot of proud talk about 'best practice' when in the actual delivery is of a very low quality. Similar to the economy, the problems with the built environment are long term; they cannot be fixed quickly. To create a good society we must accept the facts, be honest and demand real responsibility from our leaders and civil servants (from everybody in fact- you and me too!) It does not help to lie about the state of economy, the state of the Internet service or about how well a house is insulated.



If it is not done right, it will not be right!

This is where we can help. Scandinavian Homes Ltd. can provide you with a high-performance house where you can live in comfort indefinitely without dependence on others.



The recipe: * Passive house

- * Small stove for space heating (most of the heat comes from passive gains)
- * Place to dry firewood in advance (turf works well too!)
- * Good solar system that works in the winter for your hot water
- * Heat-recovery ventilation-system for ventilation and heat dispersal

A few sticks of firewood are all it takes to heat the house in the winter. This actually works if you have a medium reasonably sized passive house. Why live in discomfort in a large ice-cold cement house when you can have real comfort in a house that is warm in every room?

High performance Hibernia 214 complete story by owner

A super-passive Hibernia 214 was built recently for Declan and Sibeal Cunningham near Loughrea, County Galway. Our associates, Flaherty & Goaley Contracts Ltd. were trusted to finish off the house after Scandinavian Homes delivered the erected shell on Friday the 1st of October.



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The picture shows the Teno-arm vapor barrier being carefully installed. The result of this effort was commented on by the energy assessor Ronan Rogers of Energy Matters in a letter to our customer Declan:

*From: Ronan Rogers
Sent: Sunday, November 14, 2010 12:27 PM
To: 'Declan Cunningham'*

*Declan,
Please see the attached Air Permeability and Thermography test report for your dwelling. The result is a truly excellent! It far exceeds any result I have ever tested.*

*Regards,
Ronan*



Read Declan's blog about the process:

"We haven't moved into our new house yet but already we are certain that we made the right decision to build a Scandinavian Home. The quality of materials used and the skilled workmanship are what set this house apart. Most importantly we are on track to complete the house on time and in budget. We are convinced we will have one of the most energy efficient houses in Ireland and one which is exceptionally comfortable to live in"

[Click here](#) for a link to picture gallery by Declan Cunningham

This blog documents the journey from our first planning application to completion of our Scandinavian Home.

CLICK HERE

Time-lap sequence building a passive Hibernia 164



Here you can see the entire sequence of a passive house being built. From green field to finished house in a few minutes. Time-lapse photographs taken by David Hardel in County Wicklow when his and Hannah's passive Hibernia 164 went up in late September 2010.

But first of all, [here](#) is a You Tube link to his dream of their house called "Our house in the middle of the field!"

You find the time-laps photos [here](#).

Swedish operations, Scandinavian Homes AB



Our Swedish operation is shaping up. Anders Johansson is the Sales director of Scandinavian Homes AB in Sweden. Anders has fifteen years of experience in the food industry with a specialty in fish processing, product development and sales organisation on an international level. As well as ten years of experience in the boat industry and is responsible for setting up the organization for the sale of marine engines, power boats and sail yachts in the Nordic countries. Anders contact information is: anders@scanhome.se
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The company has purchased a mixed-use city block in Lysekil, the small coastal town north of Gothenburg where our factory is located. The main building, constructed in 1860, will undergo a passive house performance upgrade while maintaining its original character of the



mid-nineteenth century. The picture of house is taken 1866. It happens to be practically identical to our current model Stockholm 390 (long lasting design). It will feature a seasonal energy store and approximately 200m² of evacuated tube solar collectors. This project is connected to our involvement with the EU research programme exploring seasonal-thermal-energy storage: European Initiative on Science, Technology, Education and Innovation, or EINSTEIN.

PS. The small house behind the large house is our private house since 1983 and still going strong. This house is to some degree a template for our current line of houses somewhere between a Baltica 83 and a Nordica 94 in size. All owners of Baltica's and Nordica's in Ireland: Good luck for the next 150 years in your houses.

Light for heat - freezing fog - cost comparisons

Please read Newsletter No 1. Can be downloaded from our webpage.

Myths about passive houses - survival after peak oil

Find out more in Newsletter No 2. Downloadable form our start page.



The 200Watt Micro Heaters have finally arrived, so we have them in stock at the moment.

Please observe that this weak heater will work in all high performance Scandinavian Homes houses. It is too weak to make any difference in an ordinary house.

Ideal for heating one room, example a guest room that is rarely used. Hang the micro heater on a screw near an electric socket and simply plug it in. Thermostatically controlled.

Price € 25 incl. VAT



Finally, a picture from a morning during the cold spell of the frozen lake in front of our Super Passive House.

The Scandinavian Homes team wishes you a Merry Christmas!!

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