Sustainable heating on Floriande Island 1



Read how, over the past year, we mapped which heat pump works best for your home and how you can take part in the **group discount for a heat pump** until December 2026.

4

What has been done?
This is what we researched on Island 1 in Floriande

7

Group discount
This is what the group purchase scheme for aheat pump looks like

8

What is your next step?
Find out more about your options

gemeente Haarlemmermeer

Introduction

Eiland Energie: working together on sustainable heating

How can residents of the Floriande islands make the transition to sustainable heating, step by step? That question led to the creation of Eiland Energie: a partnership between residents, the municipality of Haarlemmermeer, Tegenstroom and Energieloket Haarlemmermeer.

Together, they are exploring what is needed to prepare homes for a future without natural gas—and, above all, how residents can take practical steps themselves.

Everyone had a different role. Residents contributed ideas, shared their experiences and brought forward suggestions. The municipality provided knowledge and support. Tegenstroom, the municipality's implementing organisation, organised and coordinated the project. Energieloket Haarlemmermeer helped translate technical information into clear, practical advice.

In this overview...

...you can read about what Eiland Energie has done on island 1 over the past year. You will learn how the project started and which studies were carried out in homes. You will also discover what tools were developed to help you, as a resident, take the next step towards sustainable and comfortable living.

Would you like to know more or view the full studies? Visit **www.eilandenergie.nl** or scan the QR code below.



Why the islands?

The municipality of Haarlemmermeer is working towards a sustainable future. The aim is to heat homes without natural gas by 2050. That may seem a long way off, but making this transition takes time and preparation. The islands in Floriande are well suited to sustainable heating. Most homes were built after 2000 and are well insulated. This makes the transition to sustainable heating—such as with a heat pump—easier than in older neighbourhoods.

Electricity grid upgrade

We are starting on Island 1 because grid operator Liander is strengthening the electricity network here first. This is necessary for the future. More and more residents are using electric cars, solar panels and heat pumps. All of these require additional capacity from the electricity grid.

As Liander strengthens the electricity network, there will be more capacity to use electricity. This makes it the right time to think about the future of your own home as well. In the coming years, more and more homes will switch from natural gas to sustainable ways of heating. That requires good preparation.

We have already looked into a great deal. See the timeline on the next page to find out what has already been mapped out for your home.







Floriande Island 1
This is what we have done!

Project summary

With residents' input, ideas and involvement, we've worked together to inform and advise the neighbourhood on steps towards a sustainable and comfortable home.

1 Phase 1 – Getting to know Eiland 1



Actions

- Mapped out which types of homes are found in the neighbourhood.
- Collected and reviewed municipal data about the area.

Output

- Incorporated a clear picture of the neighbourhood and local knowledge into the project proposal.

3 Phase 3 – Draught hunt & home scan



Actions

- Recruiting households.
- Designed and distributed a flyer.
- Surveyed 16 homes across different housing types to identify areas for improvement.

Output

- Concrete verbeterpunten per Specific improvement identified for each home.

5 Phase 5 – Reports for all housing types



Actions

- Worked out options for gas-free living for all housing types on the island.
- Translated these reports into clear, accessible overviews.

Output

- Information tailored to the different needs of residents.

Did you know that Eiland Energie met with the municipality 12 times to exchange ideas?

2 Phase 5 – Reports for all housing types



Actions
- Together with the residents' group, survey questions were developed.
- The survey was distributed to residents via the website.

Output
- The survey was only filled out 29 times. This is less than we had hoped for.

4 Phase 4 – Home improvement checklist



Actions
- The most common heat leaks mapped and practical solutions worked out.

Output
- A home improvement checklist that all Eiland 1 residents can use when improving their home.

6 Phase 6 – Financial advice



Actions
- Found a financial partner to help residents piece together the financial puzzle.

Output
- Residents can now request personal financial advice.

The story behind our advice

To determine what homes on Eiland 1 need for sustainable heating, two studies were carried out. We wanted to understand not only how much heat a home requires, but also where heat is lost and what residents can do themselves to prevent this.

Research in the homes

Two studies were carried out to learn more about the homes. Home energy scans were conducted for all eight housing types on Eiland 1. During these scans, an energy adviser assessed how much heat each home needs.



We also investigated where heat is lost in the same types of homes—for example, through gaps and cracks. We call this draught hunting. These draught-hunting inspections show what residents themselves can do to save energy through small measures.

From research findings to heat pump advice

Using the homescan data, we calculated what capacity a heat pump needs to sustainably heat homes on Eiland 1. The results are shown in the table below. Based on the home scans, an action plan was drawn up for each housing type, describing how and with which measures each type can become gas-free. The Draught Hunts identified the 11 most common gaps and cracks, which are included in the home improvement checklist, with practical measures with which residents themselves can tackle them.

Housing type	Capacity needed for heat pump
Detached / Semi-detached	8 kW
Mid-terrace house	6 kW
End-of-terrace house	8 kW
Patio house	7 kW



Interested in the action plan for your home? Scan the QR code or visit the Eiland Energie website. (eilandenergie.nl)

Interested in the home improvement checklist for Eiland 1? Scan the QR code or visit the Eiland Energie website. (eilandenergie.nl)

What can I do now?

The group purchase with Energieloket

Based on the home energy scan results, four heat pumps were selected that are suitable for the housing types studied. This means a selection has also been made for your home. The assessment considered capacity, price, appearance and brand. All four types must also meet requirements for noise, maintenance and smart control.

The selection includes fully electric heat pumps and heat pumps that can later be upgraded to a fully electric system. With a fully electric heat pump, a home can be heated entirely without natural gas. A future-ready system can first be used alongside the central-heating boiler and later be expanded into a fully electric solution.

What does the group discount mean?

Do you tell a neighbour about this offer, and do they join too? Then you will both receive a €250 discount when signing the quotation. This also applies if you choose a different heat-pump brand or model. If five neighbours take part with the same heat-pump brand, each household will receive a €300 discount. Therefore, the more neighbours join in, the bigger the discount! The offer runs until the end of December. Please note that the availability of the subsidy is uncertain. Would you like to be sure you can receive it? Then it is worth not waiting too long and requesting a quotation now.

How do i finance it?

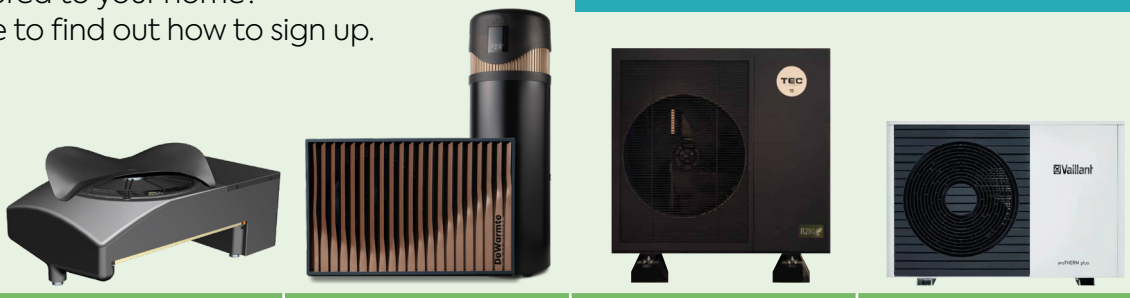
As a resident of Island 1, you can book a free appointment with BorghHave, a financial advisory firm. They can help you explore how to put the financial pieces together. Scan the QR code alongside this text to make an appointment.

Heat pump sizing by house type

What type of home do you have? Then check the table to see which type of heat pump model would be suitable for your home. Interested in receiving quotes tailored to your home?
Turn to the next page to find out how to sign up.

Your housing type

- Mid-terrace house (6 kW)
- End-terrace house (8 kW)
- Detached or semi-detached house (8 kW)
- Patio house (7 kW)



	Weheat Blackbird (6 of 8 kW)	DeWarmte MP	TEC HS 10	Valliant aroTHERM 55/8.1A of 75/8.1A
All electric ready	€6.874 - €7.424	€5.485	€ 8.896	€ 10.745 - €11.300
Full electric incl. 200 liter boiler	€ 11.424 - € 11.974	€ 9.285	€ 12.580	€ 13.425 - € 13.700
Suitable for housing type:	6 kW – Mid-terrace home 8 kW – Other homes	All housing types	Mid-terrace home	55/8.1A- Mid-terrace home 75/8.1A - other homes

These prices already include the ISDE subsidy deduction.

Who can help me?

Take your next step

The next step looks different for everyone. Fortunately, homes on Island 1 do not need further insulation. The first focus can be on getting to know your home better and finding out what suits your situation.

- **Are you exploring your options?** Visit www.eilandenergie.nl/kluslijst for a checklist of the 11 most common improvements for homes on Island 1. Starting small pays off: many of these jobs can make your home more comfortable straight away.
- **Are you making a plan?** Download the action plan My Home Improved via eilandenergie.nl. It outlines the steps you can take and the choices involved. An energy coach from Energieloket Haarlemmermeer can go through the plan with you and provide independent advice. For more information, visit energieloketHaarlemmermeer.nl/energiecoaches. Our partners at WoonWijzerWinkel can help you compare quotations.
- **Are you ready to switch to sustainable heating?** A collective purchasing scheme for heat pumps runs until December 2026. The more neighbours take part, the more favourable the group purchase may be. Energieloket Haarlemmermeer is the contact point for this scheme: info@energieloketHaarlemmermeer.nl.

Sign up or drop by!

On **Monday 19 October, from 7.30 to 9.00 pm**, you can ask your questions at the Heat Pump Café. This drop-in evening takes place at the SKWA. Feel free to come along.For more information about the group purchasing scheme and to sign up, visit: www.energieloketHaarlemmermeer.nl/inkoopactie-floriande or scan the QR code alongside this text.

