

# Meet 2nd skin

Making porch floor houses more sustainable  
with complete and efficient services



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# Content

- The **unique character** of 2nd skin
- The **offer** of 2nd skin
- The **services** of 2nd skin
- The **benefits** of 2nd skin



# The unique character of 2nd skin

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# 2nd skin

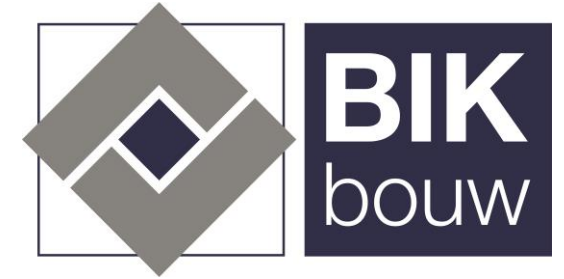
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# 2nd skin

- ✓ Making buildings more sustainable; specialized in porch-storey houses
- ✓ High-quality insulation as a second skin over the existing shell of the building
- ✓ As little inconvenience as possible for the resident by external activities and short execution time
- ✓ Intensive communication; one dedicated contact throughout the whole implementation process





# The offer of 2nd skin

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# The offer of 2nd skin



**Premium**

**Sustainability in steps,  
low investment with  
high energy savings**



**Hybrid**

**This low-gas package  
is a combination of  
boiler and heat pump**



**All Electric**

**The solar panels  
generate enough  
electricity for the gas  
free installation**



**Zero Energy**

**The solar panels  
generate enough  
electricity for the  
installation &  
household  
consumption**



# 2nd skin Premium

Sustainability in steps, low  
investment with high energy  
savings



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# 2nd skin Premium



Sustainability in steps,  
low investment with high energy savings

## First step in making the building more sustainable

- Provided with a well-insulated shell on the outside, finished with facade plaster or optionally stone strips
- New frames are also being installed with HR ++ glass
- A new CO2 controlled ventilation system is being installed.
- The existing heating installation will be maintained within this package

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Label A\*

Premium

# 2nd skin Hybrid

This low-gas package is a combination of boiler and heat pump



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# 2nd skin Hybrid



This low-gas package  
is a combination of boiler and heat pump

## The Hybrid package is the next step

- Provided with a well-insulated shell on the outside, finished with facade plaster or optionally stone strips
- New frames are also being installed with HR ++ glass
- A new CO2 controlled ventilation system is being installed
- A small heat pump will be installed inside the house next to the existing heating system. This is combined with PVT panels which serve as a source for the heat pump and also generate electricity.



# 2nd skin All Electric

The solar panels generate enough electricity for the gas free installation



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# 2nd skin All Electric



The solar panels generate enough electricity for the gas free installation

## The All-Electric package is the first gas-free step

- Provided with a well-insulated shell on the outside, finished with facade plaster or optionally stone strips
- New frames are also being installed with HR +++ glass
- A new ventilation system which uses the heat from the return air is being installed in the house
- A new heating system with a heat pump and electric boiler for hot water will be installed inside. This is combined with PVT panels, which serve as a source for the heat pump and generate electricity for the installation

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Label A++\*

All Electric

# 2nd skin Zero Energy

The solar panels generate enough electricity for the installation & household consumption.



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# 2nd skin Zero Energy



The solar panels generate enough electricity for the installation & household consumption.

## The Zero Energy package is the most profound step

- Provided with a well-insulated shell on the outside, finished with facade plaster or optionally stone strips
- New frames are also being installed with HR +++ glass
- A new ventilation system which uses the heat from the return air is being installed in the house
- A new heating installation with ground-source heat pump and boiler for hot water will be installed. This is combined with ground loops serving as a source. PV panels are used on the house for the generation of electricity for both installation and household consumption
- All components in the Zero Energy package ensure a very sustainable home with NOM certification. This means that the Energy Performance Fee (EPF) can be applied

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**NOM-label\***

**Zero Energy**

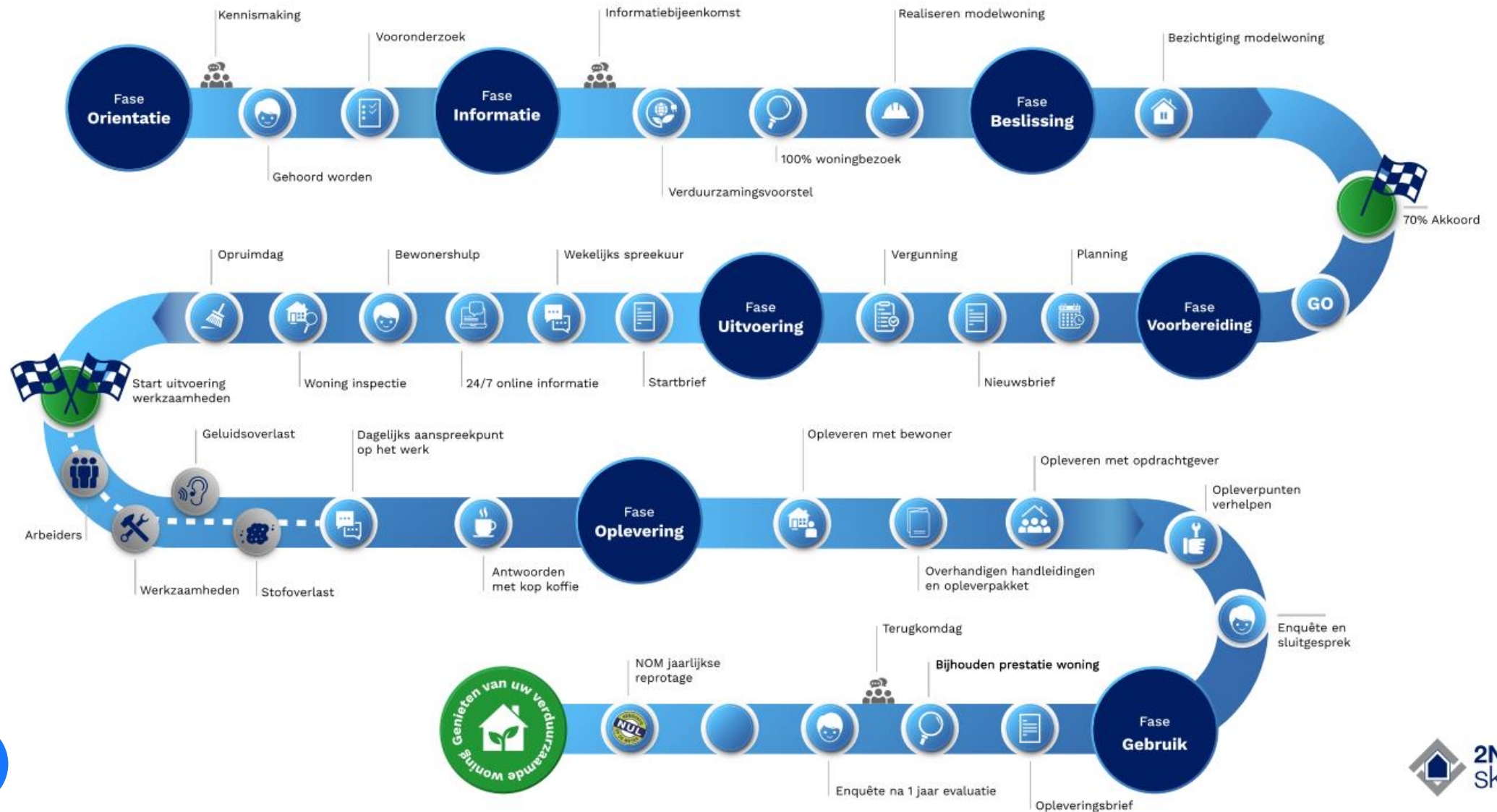


# The services of 2nd skin

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# Communicatieplan



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# The benefits of 2nd skin

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# Initiation stage

## 1. Offer

Detailed package of measures, appropriate to your wishes

## 2. Service process

From the menu you choose which steps in the resident process we will take for you

## 3. Resident services

Inventory of residents' wishes and needs

## 4. Performance

A plan for your sustainability in one week

- Reduction of CO2 emissions
- Insight into the reduction of energy costs
- Insight into investment and influence on your multi-year maintenance budget



# Development stage

## 1. Offer

Package is worked out completely to fit the project

## 2. Service process

A short turnaround time for the development phase by standardized and optimized process. Quick apply for the environmental permit

## 3. Corporation services

We take care of the steps you have chosen from the resident process performing with a minimum of 70% participation

## 4. Resident services

Experience what the house will look like

## 5. Performance

Within the agreed process time, we guarantee a plan within budget with 70% participation



# Implementation stage

## 1. Offer

Project will be executed entirely as agreed. We live up to expectations with certified products.

## 2. Service process

A planning from day to day, for optimal insight for residents and clients.

## 3. Resident services

Minimal inconvenience for residents: 80% of the activities outside the home.

## 4. Performance

Delivered house within set term. As customer satisfaction an average of 7.5.





# Usage stage

## 1. Offer

A home that meets the agreed specifications.

## 2. Service process

Our services continue into the usage phase.

## 3. Resident services

New home personal delivered with a reference book.  
Service department always available to support you.

## 4. Performance

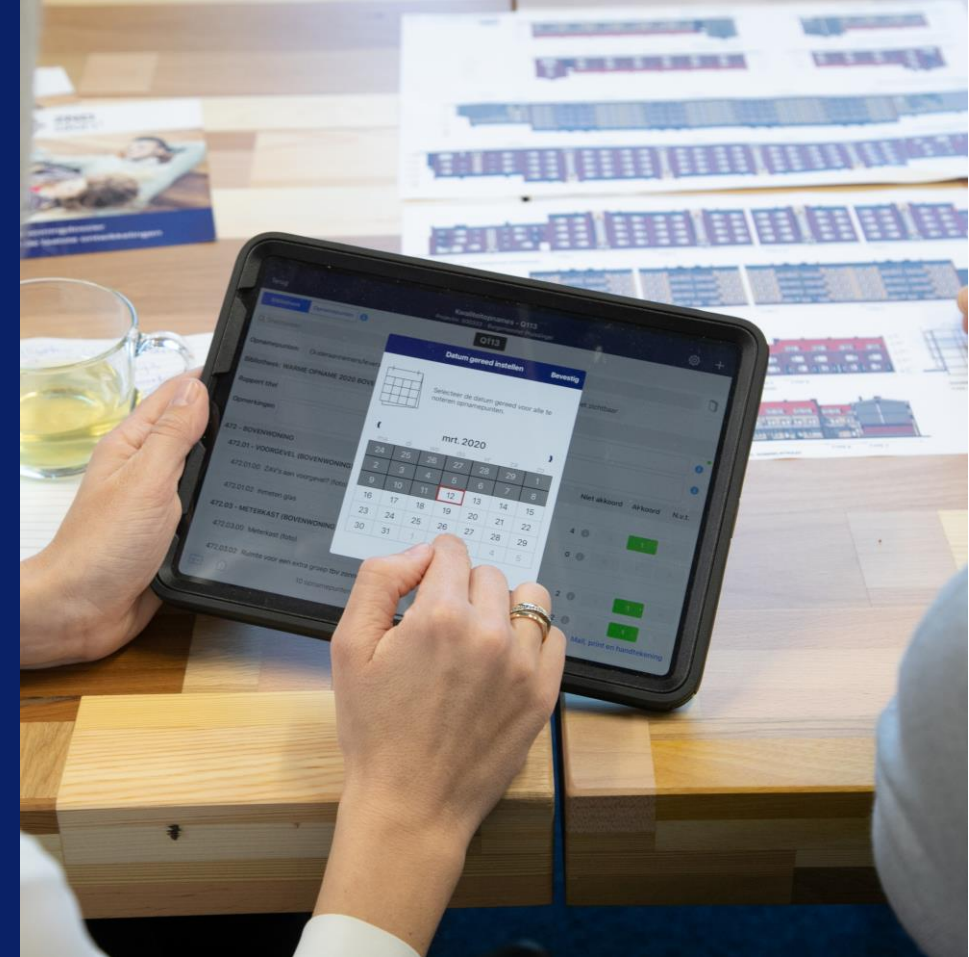
30-year performance guarantee with Zero Energy.



# Curious what 2nd skin can mean for you?

We would be happy to make a quick scan

For your residential building.



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**Thank you for your attention!**