



U M W E L T P R O J E K T E



**ENERGY
TRANSITION**

**INCREASE IN
VALUE**

**REDUCTION OF
CO₂**

BY IMPROVING THE
EU EFFICIENCY
CLASSIFIKATION!

FOR INTELLIGENT
BUILDING OWNERS

ALL BUILDINGS IN
EUROPE ARE
AFFECTED!

Every house and every condominium is classified in the EU according to the CO₂ consumption. They too are affected.

A low CO₂ level can mean a high loss in value of your building. A lower classification usually means higher interest rates rescheduling.

On the following pages you can find out how you can upgrade your house by 1-2 classes for little money.

Heatingblood®...is unique and can be installed in all heating and cooling cycles.

Your benefits

- You can permanently lower the heating costs for your building by up to 27%!
- Heatingblood® can be combined with many heat sources. Heat pump, gas and oil or wood heating systems, etc.
- Energy-efficient buildings (class A-D) become more valuable and can be sold faster and easier.
- The Heatingblood® optimisation (reduction of combustibles) can make a costly building renovation extraneous (depending on the annual consumption in kWh).
- The building efficiency classification determines the rating of all buildings in the EU and determines the value of your property fundamentally and proportionally.
- Heatingblood® improves the energy balance by up to 1-2 EU efficiency classes.
- When it's time for the next refinancing, the efficiency class will have a direct impact on the interest rate and the repayment rate. You will get more credit if you have a high efficiency class.
- This ranking is particularly important in the appraisal of the property (sale/inheritance).
- "CO2 penalty payments" can be levied at the national level if the efficiency class does not comply with the target requirements. Risk: Some countries have already issued prohibitions for letting properties!
- The BAFA (Federal Office of Economics and Export Control) in Germany grants an optimisation subsidy for Heatingblood®.
- If you decide to get the Heatingblood® heat transfer medium, you can additionally generate a surplus for many years to come and create your own reserves (please see the last page).

What does our community (our country) get out of it?

- Expensive imports of energy/electricity and gas, and dependencies on energy suppliers are reduced.
- The CO2 reductions can be realized in the near term. Target achievement at minimum cost!
- Debt can be reduced. Next generations will not be burdened and no extra debt is required.
- Germany as a location for industry is made more appealing. The costs for gas and electricity are reduced.
- No gas pricing and no prohibitory policies with penalties on citizens!

Switch now to Heatingblood®...

www.heizungspartgeld.de

An SHK heating installer who has time for one morning of work.

Technically gifted members of the voluntary fire brigade can also implement the installation of Heatingblood®.

LMP Umweltprojekte GmbH- 22397 Hamburg,
[contact us and buy Heatingblood at info@heizungsblut.de](mailto:info@heizungsblut.de)



Heatingblood® is a product developed by nature that has been optimised with LMP chemicals. The inlet temperature is low $\geq 38^{\circ}\text{C}$ with radiators. Ideal for heat pumps, cold local and district heat systems!



EU Building Efficiency Classification

Energy efficiency values within the EU

U Units in kWh in reference to 1m2/year

Data according to Klaus Kramer, June 2023

Improvement of the EU efficiency class with heatingblood®

Country	Energy efficiency class									
	A+	A	B	C	D	E	F	G	H	
Alemanha	< 30	30 a < 50	50 a <75	75 a < 100	100 a < 130	130 a < 160	160 a < 200	200 a <250	> 250	
Austria										
France										
Estonia										
Ireland										
Romania										
Bulgaria										
Netherlands										
Belgium	< 0	0 a <101	101 a <201	201 a <301	301 a <401	401 a <501	501 a < 601	no information	no information	

Graphics: LMP Umweltprojekte GmbH



Requirement of the EU until 2030



Requirement of the EU until 2033

The comparison of values with the EU targets for 2033 shows that the Federal Republic of Germany sets very tight limits that are very expensive for homeowners. All other EU States are somewhere in between.

The value of your house will be directly tied to the EU Energy Efficiency Classification.

Example: the Ebermann family of Hamburg, a 4-person household living in a single family home with a size of 160m2, underfloor heating, and central GAS heating.

in reference to 1 m² / year:

166.67 kWh consumption **in operation using water**

= **Group F** classification,

120.50 kWh consumption in operation using Heatingblood®

= **Group D** classification,

→ Reduction of consumption by 27% instantly after filling

Improvement by up to 2 efficiency classes! This way, the building meets the stricter German requirement compared to the target for 2033 under the EU Regulation – see graphic. In result, this eliminates the reason for an extremely elaborate and expensive renovation, which can become necessary, e.g. in connection with a heat pump. The radiators do not have to be replaced for operation with heatingblood®.

*Reduce CO2 and heating fuel costs by 27%,
notably at 21.5°C room temperature!*



heatingblood® is a significant contribution to reaching the EU climate goals! When a room target temperature of merely 16°C is set, 21.5°C (actual value) will be reached in the room.

Find out now how one family with 2 children (aged 3 and 5 years) have saved fuel, money, and CO2 in their 160 m² single family home, built in the year 2007, and how they will permanently realize savings in the future!

Technical data of the house


Heated area of 160 m², no cellars, central gas heating with underfloor heating, room height 2.5m Viessmann gas boiler with integrated hot water preparation, 20 KW capacity.

<i>CO2 emission/year <u>before</u> the heatingblood® optimisation</i>	<i>6.131 t</i>
<i>CO2 emission/year <u>after</u> the heatingblood® optimisation</i>	<i>4.434 t</i>

Link to the short video → www.heatingblood.eu → Installation / filling process



Annual consumption when using water **26,667 kWh**



MONTANA
Voller Energie

MONTANA Energieversorgung · Dr.-Max-Straße 26 · 82031 München-Grünwald
R - 7130296812

Herrn
Sebastian Ebermann
Kakenhaner Weg 95
22397 Hamburg

Ihr Kontakt zu uns:

Telefon: 0800 55 55 990
Telefax: 089 641 65 24 444
E-Mail: kontakt@montana-energie.de

VERTRAGSKONTO 200500358250
bei Zahlungen und Rückfragen bitte angeben

Lieferanschrift: Kakenhaner Weg 95, 22397 Hamburg

13.07.2021
Zählernummer: 7019100026995486
Kundennummer: 7130296812

Erdgas-Schlussrechnung Nr. 110000607577
Abrechnungszeitraum: 01.07.2020 bis 30.06.2021

Sehr geehrter Herr Ebermann,

wir bedanken uns für Ihr Vertrauen und haben auf Basis Ihrer Verbrauchswerte Ihre Abrechnung erstellt. Weitere Details können Sie den Rück- und Folgeseiten entnehmen.

	Bruttobetrag	Ihr Verbrauch
Erdgas	1.262,48 EUR	26.667 kWh
Gesamtbetrag	1.262,48 EUR	vom 01.07.2020
Geleistete Zahlungen	-1.236,00 EUR	bis 30.06.2021
Offener Betrag	26,48 EUR	

annual consumption after installation of R1 Heatingblood for heating operation **19,279 KW**



e-on E.ON Energie Deutschland GmbH · Postfach 14 75 · 84001 Landshut

Herrn
Sebastian Ebermann
Kakenhaner Weg 95
22397 Hamburg

Ihr persönlicher Service:

kundenservice@eon.de
Serviceportal Mein E.ON:
www.eon.de/meineon

T 08 71-95 38 62 00
F 08 71-95 38 62 20
Mo-Fr 7-20 Uhr,
Sa 8-18 Uhr, So 9-18 Uhr

E.ON Energie Deutschland GmbH
Postfach 14 75
84001 Landshut

Bitte immer angeben:
Vertragskonto
242 143 409 964

Rechnungsnummer
211 142 149 970

26. Januar 2023

QR Code zum Login ins
Serviceportal Mein E.ON



Ihre Erdgasrechnung 2022/23

für den Zeitraum vom 7. Januar 2022 bis 6. Januar 2023

Kunde: Sebastian Ebermann
Verbrauchsstelle: Kakenhaner Weg 95, 22397 Hamburg

Sehr geehrter Herr Ebermann,

vielen Dank, dass Sie Ihr Erdgas von E.ON beziehen. Auf Basis Ihres Energieverbrauchs und der geleisteten Zahlungen haben wir Ihre Erdgasrechnung erstellt.

Ihr Verbrauchsjahr 2022/23

Ihre Energiekosten	–	Ihre Zahlung*	=	Ihr Guthaben
1.961,34 €		2.958,93 €		997,59 €

Ihr Jahresrückblick 2022/23

Ihre Zahlungen

Feb.	Mrz.	Apr.	Mai	Jun.	Jul.	Aug.	Sep.	Okt.	Nov.
17.02. Abschlag	17.03. Abschlag	19.04. Abschlag	17.05. Abschlag	17.06. Abschlag	18.07. Abschlag	17.08. Abschlag	19.09. Abschlag	17.10. Abschlag	17.11. Abschlag
213,00 €	213,00 €	213,00 €	213,00 €	213,00 €	213,00 €	290,00 €	290,00 €	425,00 €	425,00 €
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

2022

Sie haben bis zum 6. Januar 2023 insgesamt 2.708,00 Euro bezahlt.

Wichtiger Hinweis: Durch die **Soforthilfe Dezember** bekommen Sie eine Gutschrift von 250,93 Euro brutto. Die genaue Verrechnung der Soforthilfe finden Sie im Abschnitt „Ihre Energiekosten“.

Ihre Verbrauchsmengen

Zählernummer	Zeitraum	Zählerstand (in m ³)			Zustandszahl	Brennwert	Verbrauch
		Anfang	Ende	Differenz			
7019100026995486	07.01.22 - 10.05.22	22.780 ^{A2}	23.696 ^{A2}	916	0,9674	11,467 kWh/m ³	10.162 kWh
7ELS2541759417	11.05.22 - 17.07.22	1 ^{A2}	129 ^{A4}	128	0,9674	11,558 kWh/m ³	1.431 kWh
	18.07.22 - 31.07.22	129 ^{A4}	145 ^{S3}	16	0,9674	11,591 kWh/m ³	179 kWh
	01.08.22 - 22.09.22	145 ^{S3}	231 ^{A4}	86	0,9674	11,591 kWh/m ³	964 kWh
	23.09.22 - 30.09.22	231 ^{A4}	260 ^{S3}	29	0,9674	11,562 kWh/m ³	324 kWh
	01.10.22 - 31.12.22	260 ^{S3}	787 ^{S3}	527	0,9674	11,562 kWh/m ³	5.895 kWh
	01.01.23 - 03.01.23	787 ^{S3}	800 ^{A2}	13	0,9674	11,562 kWh/m ³	145 kWh
	04.01.23 - 06.01.23	800 ^{A2}	816 ^{A4}	16	0,9674	11,544 kWh/m ³	179 kWh
Summe	07.01.22 - 06.01.23						19.279 kWh
A1	Ableseung Messstellenbetreiber	A3	Ableseung Lieferant	S1	Schätzung Messstellenbetreiber		
A2	Ableseung Netzbetreiber	A4	Ableseung Kunde	S2	Schätzung Netzbetreiber		
				S3	Schätzung Lieferant		

160 m²=
26,657 kWh /
a
 Water
 operation _____

160 m²=
19,279
kWh / a
 operation
 heatingblood®

Annual consumption **with heatingblood®** 19,279 kWh
 Amount of cost savings / year -27,7%

Operation using water 26,667 kWh = 100%
 Operation using heatingblood® 19,279 kWh

Fuel reduction -7,388 kWh / a

The Ebermann family's investment

for a heated area of 160 m²

160 m ² heated area x 12 € /m ²	1.920 €
Provision of containers/Euro pallet	100€
Transport inside of Germany	200€
Costs for filling by HSK heating installer, approx.	400€
Net total	2.620€
19% VAT	498€
without BAFA	3.118 € *
minus -20% BAFA subsidy (or better yet, a voucher)	
Investment total with BAFA subsidy	2.500 € *

The Ebermann family of Hamburg Lemsahl Mellingsstedt

Direct contact: 0049-173 982 48 66

Has heatingblood® paid off?

The investment amortises in 2-4 years. After that, we are getting our money back and receive the savings as surplus from the reduced fuel consumption, year after year.

Surplus/year + 700 €

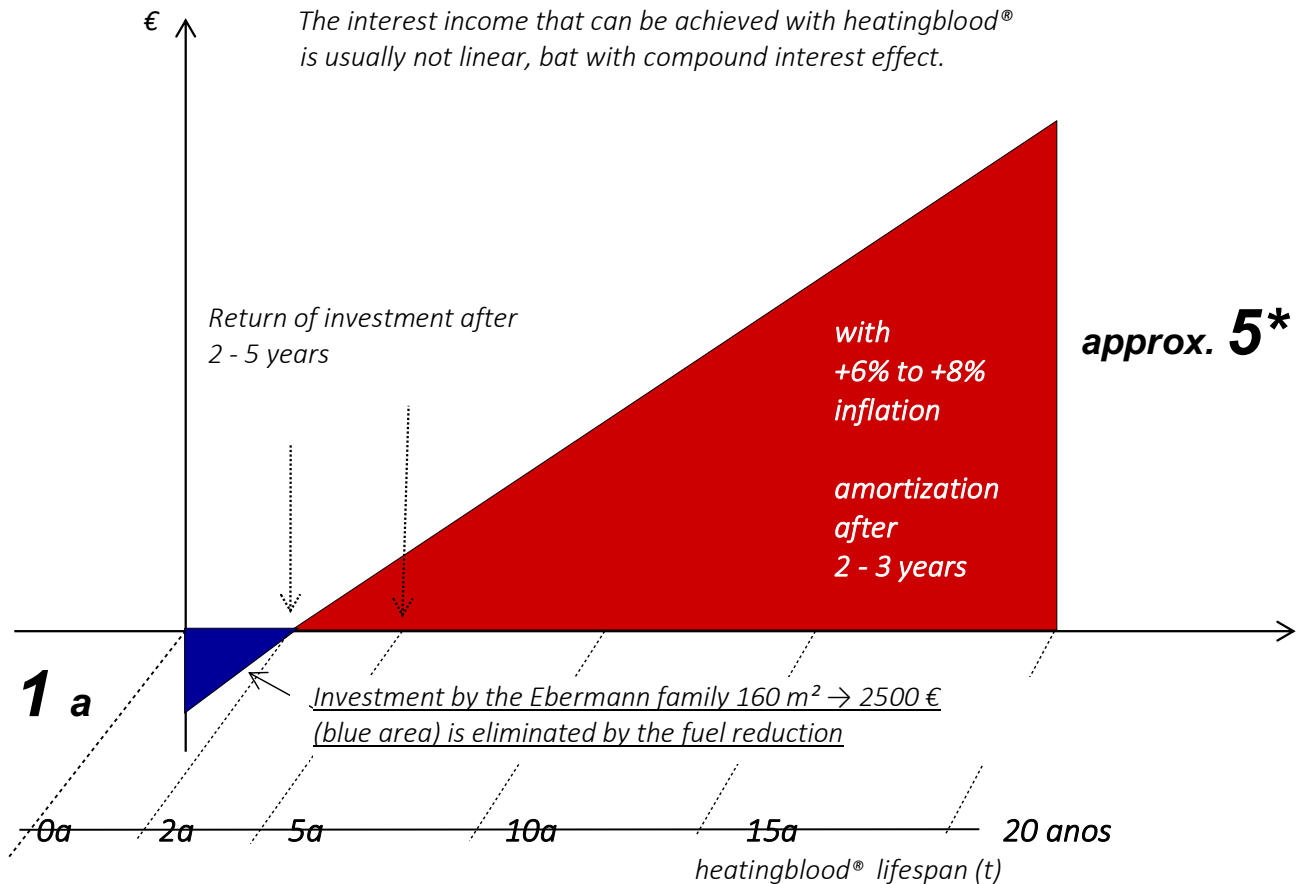
So far there is no comparable energy savings measure of any physical or technical kind that is more affordable and that saves more!

* 160 m². The investment is less when the heated area is smaller.

Investment in heatingblood®/option with bridge financing for the material

Example of 160 m² heated area, surplus and high yields!

(C) LMP Lübcke*



For a better environment.
heatingblood® turns your heating system into a "grave train" with high yield and long service life.

You will get your investment back in a very short period of time. After that, you will earn a recurring surplus! heatingblood® breaks even after just a few years!*

When you operate your heating system using water, all you get is sludge, rust, lime, and mildew.

Your investment in a heatingblood® optimisation

Investment of €2,500, inflation of 6-8%, 160 m²

27% savings of energy, Co2 and fuel!

Amortisation after 2-4 years*

That is when the investment is returned. After this, a recurring surplus will be earned for the modernisation.

The ratio

Investment : return = 1 : 5*

Surpluses of up to 5-times the investment = 500% in 20 years

* depending on the usage pattern, boiler and room temperature, settings, building fabric, size in m² and inflation.