



**ING Bank Hipoteczny S.A.**

**Post-Issuance  
Green Bond Impact Report**

**31 December 2022**

# ING Bank Hipoteczny S.A. Green Bond Impact Report 2022

## Green assets portfolio impact as of 31 December 2022

Eligible Project Category	Number of loans	Signed Amount (EUR)	Share of Total Portfolio Financing	Eligibility for Green Bonds	Annual primary energy savings [MWh/year]	Annual CO2 emissions avoidance [tCO2/year]
a/		b/	c/	d/	e/	e/
Green Buildings	8 830	€ 354 868 034	100%	100%	78 313	29 367
<b>Total</b>	<b>8 830</b>	<b>€ 354 868 034</b>	<b>100%</b>	<b>100%</b>	<b>78 313</b>	<b>29 367</b>

## Green Covered Bonds impact as of 31 December 2022

Eligible Project Category	Signed Amount (EUR)	Share of Total Portfolio Financing	Eligibility for Green Bonds	Annual primary energy savings [MWh/year]	Annual CO2 emissions avoidance [tCO2/year]
a/	b/	c/	d/	e/	e/
Green Buildings	€ 85 289 665	100%	100%	18 822	7 058
<b>Total</b>	<b>€ 85 289 665</b>	<b>100%</b>	<b>100%</b>	<b>18 822</b>	<b>7 058</b>

Portfolio-based Green Bond Report according to the Harmonized Framework for Impact Reporting

**a/** Eligible category

**b/** Signed amount represents the amount legally committed by the issuer for the portfolio or portfolio components eligible for Green Bond financing. EUR equivalent amount (NBP Exchange rate of 31 December 2022; EUR 1 = PLN 4.6899). The amount for Green Buildings is reviewed in accordance with the ING Bank Hipoteczny S.A. Green Covered Bond Framework as of 2019. <https://www.inghipoteczny.pl/files/1100153>

**c/** This is the share of the total portfolio per Eligible Category

**d/** This is the share of the total portfolio costs that is Green Bond eligible

**e/** Impact indicators

- Annual primary energy savings [MWh/year] - calculated using the difference between applicable technical conditions and the national building stock benchmarks
- Annual CO2 emissions avoidance [tCO2/year] - Greenhouse gas emissions avoidance determined by multiplying the primary energy savings with the carbon emissions intensity

Drees & Sommer report concerning the environmental impact of the Eligible Green Loan Portfolio as per December 31<sup>st</sup> 2022, is presented in the next pages.

## SUMMARY

### PORTFOLIO ASSESSMENT & ENVIRONMENTAL IMPACT

Based on the information provided by the ING Bank Hipoteczny S.A. and its Green Covered Bond Framework, ING Bank Hipoteczny S.A.'s eligible green assets represent the signed amount of total 1 664 295 591 PLN. The environmental impact of ING Bank Hipoteczny S.A.'s low carbon buildings portfolio can be identified to the amount of 78 313 MWh annual primary energy savings per year. These savings lead to annual CO<sub>2</sub>-emissions avoidance of 29 367 tCO<sub>2</sub> per year.

Low Carbon Buildings	Year of Issuance	Type	Signed Amount <sup>a</sup>		Share of Total Portfolio Financing <sup>b</sup>	Eligibility for green bonds <sup>c</sup>	Number of Loans <sup>d</sup>	Annual primary energy savings <sup>e</sup>	Annual CO <sub>2</sub> emissions avoidance <sup>f</sup>
			[PLN]	[EUR]					
<i>Unit</i>	<i>[yyyy]</i>	<i>[-]</i>	<i>[PLN]</i>	<i>[EUR]</i>	<i>[%]</i>	<i>[%]</i>	<i>[-]</i>	<i>[MWh/year]</i>	<i>[tCO<sub>2</sub>/year]</i>
ING-Bank Hipoteczny S.A.	2022	Low Carbon Building	1.664.295.591	354.868.034	100,0	100	8.830	78.313	29.367
- Single-Family Home	2022	Low Carbon Building	727.794.500	155.183.373	43,7	100	3.373	42.356	15.884
- Multi-Family Home	2022	Low Carbon Building	936.501.092	199.684.661	56,3	100	5.457	35.957	13.484

<sup>a</sup> Legally committed signed amount by the issuer for the portfolio or portfolio components eligible for green bond financing.  
<sup>b</sup> Portion of the total portfolio cost that is financed by the issuer.  
<sup>c</sup> Portion of the total portfolio cost that is eligible for Green Bond.  
<sup>d</sup> Number of Green Bond loan within the total portfolio.  
<sup>e</sup> Primary energy savings calculated using the difference between the top 15% and the national building stock benchmarks  
<sup>f</sup> Greenhouse gas emissions avoidance determined by converting energy savings into carbon emissions intensity

**Figure 1: Harmonized Framework 2022 - ING Bank Hipoteczny S.A.**

### CLIMATE BONDS CERTIFICATION

ING Bank Hipoteczny S.A.'s portfolio contains residential green assets identified in line with ING Bank Hipoteczny Green Covered Bond Framework (<https://www.inghipoteczny.pl/fileserver/item/1100153>) as of 2019. Green assets remain in line with low carbon building criteria under the Climate Bonds Standard.