



**ING Bank Hipoteczny S.A.**

**Post-Issuance  
Green Bond Impact Report**

**31 December 2021**

# ING Bank Hipoteczny S.A. Green Bond Impact Report 2021

Portfolio date: 31 December 2021

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	10.411	€ 477.824.639	100%	100%	91.439	34.472
<b>Total</b>	<b>10.411</b>	<b>€ 477.824.639</b>	<b>100%</b>	<b>100,0%</b>	<b>91.439</b>	<b>34.472</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 2021; EUR 1 = PLN 4,5994)

**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 the top 15% 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> 2021, is presented in the next pages.

## SUMMARY

### PORTFOLIO ASSESSMENT & ENVIRONMENTAL IMPACT

Based on the information provided by the ING and their Green Covered Bond Framework, ING Bank Hipoteczny S.A.'s eligible green assets represent the signed amount of total 2.197.706.644 PLN. The environmental impact of ING Bank Hipoteczny S.A.'s low carbon buildings portfolio can be identified to the amount of 91.439 MWh annual primary energy savings per year. These savings lead to annual CO<sub>2</sub>-emissions avoidance of 34.472 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]					
Unit	[yyyy]	[-]	[PLN]	[EUR]	[%]	[%]	[-]	[MWh/year]	[tCO <sub>2</sub> /year]
ING-Bank Hipoteczny S.A.	2021	Low Carbon Building	2.197.706.644	477.824.639	100,0	100	10.411	91.439	34.472
- Single-Family Home	2021	Low Carbon Building	896.691.615	194.958.389	40,8	100	3.757	47.541	17.923
- Multi-Family Home	2021	Low Carbon Building	1.301.015.029	282.866.250	59,2	100	6.654	43.897	16.549

<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 2021 - ING Bank Hipoteczny S.A.**

### EU TAXONOMY-ALIGNED METHODOLOGY & CLIMATE BONDS CERTIFICATION

ING Bank Hipoteczny S.A.'s portfolio contains residential green assets. The corresponding eligibility criteria for these low carbon buildings in Poland are aligned with Top 15%-approach of the EU Taxonomy (Delegated Act July 2021) for buildings built before 2021 (acquisition and ownership – climate change mitigation). Furthermore, ING's residential criteria for assets in Poland are certified by the Climate Bonds Initiative (CBI).