


GREEN BOND CRITERIA – ING-BH

Green Bond criteria <i>The object fulfills one of the following criteria:</i>	 Residential Single-Family	Residential Multi-Family	Commercial Office	Commercial Shopping center / Mall
1) 2050 zero-carbon linear trajectory <i>(low carbon trajectory)</i> <i>based on CBI's low carbon buildings criteria</i>	PE ≤ 95 kWh/m ² year (TC 2017) Year of bond issuance and term	PE ≤ 85 kWh/m ² year (TC 2017) Year of bond issuance and term	Carbon Intensity ≤ 73,3 kgCO ₂ /m ² year Year of bond issuance and term	-
2) Energy standard or newer Year of construction is equal or newer <i>based on year of bond issuance</i>	Year of bond issuance = 2020 – 2025: TC 2017 or year of construction = 2017 with a linear decreasing bond term (mid point) of 6 years in 2020 and 1 year in 2025 or Year of bond issuance = 2026 – 2032: TC 2021 or year of construction = 2021 with a linear decreasing bond term (mid point) of 7 years in 2026 and 1 year in 2032	Year of bond issuance = 2020 – 2025: TC 2017 or year of construction = 2017 with a linear decreasing bond term (mid point) of 6 years in 2020 and 1 year in 2025 or Year of bond issuance = 2026 – 2031: TC 2021 or year of construction = 2021 with a linear decreasing bond term (mid point) of 6 years in 2026 and 1 year in 2031	-	-
3) Green Building Certification LEED®: Leadership in Energy and Environmental Design BREEAM®: Building Research Establishment Environmental Assessment Methodology HQE™: Haute Qualité Environnementale DGNB: German Sustainable Building Council	-	-	LEED®: Gold or Platinum in version v3-2009 or v4 System BD+C: New Construction or BD+C: Core & Shell or O+M: Existing Buildings and LEED® Energy savings > 30% ASHRAE 90.1	
	-	-	BREEAM®: Very Good, Excellent or Outstanding in International New Construction 2016 or In-Use International 2015	
	-	-	HQE™: Excellent or Exceptional in System Buildings Under Construction or Non-Residential Buildings in Operation	
	-	-	DGNB®: Gold or Platinum in New Construction or Existing Buildings	
4) Property upgrade <i>based on reduction in carbon emissions</i>	Major renovation with modernized technical condition including an improvement in emissions against business-as-usual based on bond duration. Minimum improvement in carbon emissions ≥ 30% . Bond term 1-5 years: 30% improvement Bond term 5-30 years: 30%-50% linear improvement Bond term ≥ 30 years : 50% improvement (Major renovation, refurbishment, retrofit, thermo-modernization or energy efficiency upgrade)			

Criteria are valid for assets located in the Republic of Poland. Residential criteria are based on Climate Bonds Initiative's Low carbon certification methodology.