Contents

- Sustainability strategy & governance
- Our sustainability ambition
- Financing the green transition
- External engagement & recognition
- ING Green Bond Framework
Sustainability strategy & governance
Sustainability has been on ING’s agenda for decades

1996
First Sustainability Report

1997
Creation of ING Groenbank

1998
Launch of ESR Policy

1999
Launch of Sustainability Equity Fund

2000
Start of Sustainable Lending Team

2005
Became Carbon Neutral

2007
ING issues its first Green Bond

2012
Introduction of Sustainability Improvement Loan

2015
Terra science-based methodology developed

2017

2018

2019
1st Human Rights Report
1st Terra Progress Report
ING Poland issues first Green Covered Bond

2020
ING joins NZBA
First Integrated Climate Report published
ING Diba issues first Green Covered Bond

2021
First Climate Risk Report

Our sustainability journey continues...

ING steps up renewable energy efforts and restricts financing of new oil & gas fields

ING announces new strategy: Put sustainability at the heart of what we do

ING takes next step in aligning oil & gas portfolio with climate goals

March 2022
June 2022
March 2023
Our Purpose
Empower people to stay a step ahead in life and in business

Our Strategic priorities
Superior customer experience
Sustainability

2022 Sustainability highlights
Volume mobilised* in transition finance
€101 bln
Offer sustainable lending products to private individuals
in 8 markets

Diversity & Inclusion
29% women in senior management

Intermediate 2030 targets for Terra sectors**

2025 Sustainability target
€125 bln
€1 bln annual new sustainable financing for SMEs and Mid Corporates***

> 30% women in senior management

2030 Sustainability ambition
We commit to do our utmost to benchmark and align our lending portfolio and investments towards the international climate goal. We identify and set sector specific science based targets consistent with a maximum temperature rise of 1.5 degrees above pre-industrial levels, in order to align our portfolio with the objective of reducing CO₂ emissions by 45% at global level by 2030.

* Volume mobilised for WB clients; includes loan products, capital markets, derivatives and advisory propositions that support clients by financing their sustainable activities and in the transition to a more sustainable business model. In case of an ESG lead role the pro-rata share of the transaction is included, otherwise our final take is included

** Intermediate 2030 targets aligned with net zero pathways for the most-carbon intensive sectors covered by our Terra approach

*** In the Netherlands, targets for other countries to be determined
ING wants to be a pioneer in defining new ways to do business. We want to be a banking leader in building a sustainable future for our company, our customers, society and the environment.

💡 **We focus on climate action:**

- We lead by example by striving for net zero in our own operations.
- We play our part in the social and low-carbon transformation that’s necessary to achieve a sustainable future, steering the most carbon-intensive parts of our portfolio towards reaching net zero by 2050.

🎉 **We Collaborate**

- Working with clients to achieve their own sustainability goals, increasing our impact through partnerships and coalition-building.

🛠️ **We manage**

- We manage the most relevant environmental and social risks while fostering the protection of biodiversity and human rights across all of our relationships.

👍 **We empower**

- And we empower our employees to contribute to it all.

🤝 **We are inclusive**

- We’re working to advance financial health and inclusion for our customers and communities.

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ING finances today’s society, which means we do also finance things that aren’t green. We want to help clients transition to a low carbon economy. It’s about making progress together, step-by-step. See [www.ing.com/climate](http://www.ing.com/climate) for more on our climate strategy in action.
ESG governance

- The ESG Committee assists the Supervisory Board with matters relating to the various areas of ESG, including the development of ESG strategy and its integration in the company, and generally monitoring and advising on relevant ESG developments.

- ESG is a regular topic on the Management Board Banking (MBB) agenda and all members have ESG-related key performance indicators that are cascaded through ING's business lines.

- The head of Global Sustainability reports directly to the CEO. Sustainability/ESG leads in major countries have a functional line to the global head of Sustainability in order to create a stronger connection between global and local activities.

- ING has also created an ESG Sounding Board comprised of senior managers who will guide the development and implementation of our strategy for ESG topics, as well as monitoring and reporting on our progress.

- In cooperation with the global Sustainability department, experts and steering committees contribute to the development of our policies, programmes and targets on sustainability-related risks and opportunities, in line with our global strategy.
Managing climate-related and environmental (C&E) risks

We have measures in place to protect our lending portfolio and customers; more details are included in our 2022 Climate Report.

**Governance & risk appetite**
- Climate Risk governance is part of the group-wide ESG Governance set up
- C&E risk assessment applied in setting limits in Credit Risk Appetite Statements (CRAS)
- Materiality Assessment of risks on business environment
- KPIs on climate risk (Board level and cascaded down)

**Risk identification & management**
- C&E risk heatmaps
- C&E risk included as rating appeal factor in risk rating process
- Application of ESR Framework including adjusted policies (e.g. coal and O&G gas exploration)
- Targeted scenario development and stress testing
- Staff training & awareness

**Reporting & disclosure**
- Annual publication of Integrated Climate Report
- Exposure and C&E risk limits included in Climate Risk Dashboard
- Art 8 / Pillar III disclosures in our Annual Report
- Sector reports
- Alignment of Sustainable Finance with EU Taxonomy

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1Assessment for i) WB sectors, with update of sector strategies and CRAS. ii) retail products, including physical risk assessment for mortgage portfolio
Our sustainability ambition
Our focus SDGs\(^1\) are reflected in our Sustainability Direction

**Environment**

**Climate action**

**Empowering our clients**\(^2\)
- Aim to steer the most carbon-intensive parts of our portfolio towards net zero
- Co-develop net zero sector pathways
- Grow our Sustainable Finance business
- Provide sustainable products/services
- Help clients manage biodiversity risks and opportunities

**Transparency**
- Disclosure aligned with the TCFD and NZBA Frameworks

**Improving our own footprint**
- Reducing scope 1, 2 and 3 CO2e emissions from our own operations
- Sustainable procurement standards

**Social**

**Financial health**

**Empowering our customers** by focusing on:
- Financial inclusion by making bank products accessible
- Helping to get a grip on everyday finances and plan for the future

**Empowering communities** by investing in programmes focusing on:
- Future-proof employment
- Financial capabilities
- Social enterprises

**Human rights**

**UN Guiding Principles (UNGP) prioritisation and due diligence**
- ESR Framework and dedicated human rights policy
- Proactive client dialogue
- Sustainable procurement standards

**Transparency**
- Disclosure aligned with the UNGP Reporting Framework

For more information please visit: [www.ing.com/Sustainability/Sustainability-direction.htm](http://www.ing.com/Sustainability/Sustainability-direction.htm)

\(^1\) Sustainable Development Goals (SDGs) set by the United Nations General Assembly

\(^2\)ING finances today’s society, which means we do also finance things that aren’t green. We want to help clients transition to a low carbon economy. It’s about making progress together, step-by-step. See [www.ing.com/climate](http://www.ing.com/climate) for more on our climate strategy in action.
Terra: Steering our loan book to reach net zero by 2050 or sooner

- Our ambition is to steer the most carbon-intensive parts of towards net zero by 2050 or sooner and contribute to keeping global warming within 1.5 degrees Celsius compared to pre-industrial levels. Our Terra approach is:

**Impact-based**
- Focus on the most carbon-intensive sectors, responsible for the vast majority of GHG emissions

**Science-based**
- Toolbox approach
  - Apply the best-fit methodology per sector
  - Specific targets per sector
  - Apply science-based scenarios
  - Use physical asset-level data

**Engagement-driven**
- Engage with current clients to help them transition to greener ways of doing business
- Select prospect clients also based on their stance on sustainability
- Collaborate with others to drive industry best practice and standards

ING joined PCAF in April 2023
The Terra Toolbox

Overview of approaches applied, output types and data sources

<table>
<thead>
<tr>
<th>Sector</th>
<th>Outstanding in scope</th>
<th>Methodology used to measure portfolio</th>
<th>Scopes covered</th>
<th>Metric</th>
<th>Scenario / Pathway</th>
<th>Baseline</th>
<th>2021YE</th>
<th>Alignment score</th>
<th>Target vs. baseline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power generation</td>
<td>€ 8.9 billion</td>
<td>PACTA</td>
<td>Scopes 1, 2</td>
<td>kg CO₂ / MWh</td>
<td>IEA NZE 2050</td>
<td>2018</td>
<td>335</td>
<td>223</td>
<td>-23.0%</td>
</tr>
<tr>
<td>Upstream oil and gas</td>
<td>€ 3.1 billion</td>
<td>PACTA Credit Application Paper</td>
<td>N/A</td>
<td>Outstanding amount in EUR million</td>
<td>IEA NZE 2050</td>
<td>2019</td>
<td>3,986</td>
<td>3,138</td>
<td>-15.2%</td>
</tr>
<tr>
<td>Commercial real estate</td>
<td>€ 10.9 billion</td>
<td>PCAF</td>
<td>Scopes 1, 2</td>
<td>kg CO₂ / m²</td>
<td>Deltopion DGBC</td>
<td>2019</td>
<td>51.4</td>
<td>43.7</td>
<td>-9.2%</td>
</tr>
<tr>
<td>Residential real estate</td>
<td>€ 297.0 billion</td>
<td>PCAF</td>
<td>Scopes 1, 2</td>
<td>kg CO₂ / m²</td>
<td>CRREM 1.5* pathways/ IEA NZE 2050</td>
<td>2021</td>
<td>45.7</td>
<td>45.7</td>
<td>3.2%</td>
</tr>
<tr>
<td>Cement</td>
<td>€ 337 million</td>
<td>PACTA</td>
<td>Scopes 1, 2</td>
<td>t CO₂ / t cement</td>
<td>ISF-NZ</td>
<td>2020</td>
<td>0.704</td>
<td>0.709</td>
<td>4.2%</td>
</tr>
<tr>
<td>Steel</td>
<td>€ 2.9 billion</td>
<td>Sustainable Steel Principles</td>
<td>Scopes 1, 2</td>
<td>t CO₂ / t steel</td>
<td>IEA NZE 2050</td>
<td>2021</td>
<td>2.10</td>
<td>2.10</td>
<td>5.4% (-28%)</td>
</tr>
<tr>
<td>Automotive</td>
<td>€ 2.4 billion</td>
<td>PACTA</td>
<td>Scope 3</td>
<td>kg CO₂ / km</td>
<td>IEA NZE 2050</td>
<td>2020</td>
<td>0.199</td>
<td>0.187</td>
<td>-0.8%</td>
</tr>
<tr>
<td>Aviation</td>
<td>€ 3.1 billion</td>
<td>PACTA</td>
<td>Scope 1</td>
<td>g CO₂ / passenger km</td>
<td>IEA NZE 2050</td>
<td>2019</td>
<td>88.2</td>
<td>82.9</td>
<td>57.3%</td>
</tr>
<tr>
<td>Shipping</td>
<td>€ 6.5 billion</td>
<td>Poseidon Principles</td>
<td>Scope 1</td>
<td>Alignment delta</td>
<td>Poseidon Principles</td>
<td>2020</td>
<td>-0.4%</td>
<td>0%</td>
<td>-6.0%</td>
</tr>
</tbody>
</table>

As published in our [2022 ING Climate Report](#). Please refer to the sector deep-dives for further information.

* Target for alignment score
Terra: Climate Alignment Dashboard

As published in our 2022 ING Climate Report. Please refer to the sector deep-dives for further information.
Advising and financing the transition
ING sustainability product offerings

Product offerings for Retail and Business Banking customers

Retail Banking
- Sustainable mortgage products in Netherlands, Germany, Poland, Italy and Romania
- Sustainable consumer loans in Belgium, Romania, Poland, Turkey and Luxembourg
- Tools and platforms that support customers

Business Banking
- Sustainable financing alternatives (loans and/or lease) for SMEs and mid-sized corporates in most of the countries where ING operates
- Sustainability improvement loan in the Netherlands and Poland
- Sustainability loans in Romania and Turkey
- Tools and platforms that support customers

Sustainable finance for Wholesale Banking clients

Wholesale Banking
- Sustainability-linked structures
- Sustainability loans and bonds
- Green loans and bonds
- Social loans and bonds
- Sustainable structured finance
- Sustainable investments
- ESG rating advice
- Other ESG advice

For more information regarding other services and products we refer to our webpages ING Wholesale Banking and Sustainable business.

1 ING Wholesale Banking offer these products to third-parties, ING Group Treasury currently does not issue sustainable-lined/social bonds.
Support the green transition finance need

ING is well positioned to capture the opportunity

Pioneered sustainability linked loans*

Innovative Terra approach since 2018

Deep sector expertise

Top 10 renewable energy financing bank**

Volume mobilised (in EUR bln)***

<table>
<thead>
<tr>
<th>Quarter</th>
<th>1Q2022</th>
<th>1Q2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>17</td>
<td>22</td>
</tr>
</tbody>
</table>

Sustainability deals**** (#)

<table>
<thead>
<tr>
<th>Quarter</th>
<th>1Q2022</th>
<th>1Q2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>77</td>
<td>98</td>
</tr>
</tbody>
</table>


** Source: Bloomberg NEF

*** Volume mobilised for WB clients; includes loan products, capital markets, derivatives and advisory propositions that support clients by financing their sustainable activities and in the transition to a more sustainable business model. In case of an ESG lead role the pro-rata share of the transaction is included, otherwise our final take is included.

**** Sustainability deals include sustainability loans and bonds, green loans and bonds, sustainable structured finance, social loans and bonds, and sustainable investments.
External engagement & recognition
Partnerships, memberships and endorsements

Engagement is an essential part of our Sustainability Direction. Our approach to engagement involves collaboration, listening and being transparent.

**ING endorses (is signatory of):**
- Children’s Rights and Business Principles (CRBP)
- Climate Neutral Now
- The Core Conventions of the International Labour Organisation (ILO)
- EU Transparency Register
- Financial Stability Board’s (FSB) Task Force on Climate-Related Financial Disclosures (TCFD) recommendations
- OECD Guidelines for Multinational Enterprises
- United Nations Environment Programme Finance Initiative Principles for Responsible Banking (UNEP FI PRB)
- United Nations Global Compact (UNGC)
- United Nations Guiding Principles on Business and Human Rights (UNGP)
- United Nations-supported Principles for Responsible Investment (UN PRI)
- The Universal Declaration of Human Rights (UDHR)

**ING is a member of, for example:**
- The Academy of Business in Society (ABIS)
- Association for Financial Markets in Europe (AFME)
- Circle Economy
- Climate Markets and Investment Association (CMIA)
- Equator Principles Association (EP)
- European Banking Federation
- European Financial Services Round Table (EFR)
- EUROsif (VBDO)
- Institute of International Finance (IIF)
- International Capital Market Association (ICMA)
- International Integrated Reporting Council (IIRC)
- Loan Markets Association (LMA)
- Roundtable on Sustainable Palm Oil (RSPO)
- Thun Group of Banks
- United Nations Environmental Programme Finance Initiative (UNEP FI)
- United Nations-convened Net-Zero Banking Alliance
External recognition of ING’s commitment to ESG

**ESG ratings ING Groep N.V.**

- **MSCI**
  - Rating: AA
  - Updated: September 2022

- **SUSTAINALYTICS**
  - Evaluation: ING’s management of ESG material risk is ‘Strong’
  - Position: in the 22nd percentile of 406 banks
  - Updated: August 2022

- **S&P Global**
  - ESG evaluation ‘Strong’ (score 84/100)
  - Updated: June 2022

**Sustainability Index Products**

ING is regularly included in ESG and sustainability-focused indices, such as:

- EURONEXT
  - ESG Indexes BENELUX 20
  - ESG Indexes EUROZONE 120

- FTSE4Good

- MORNINGSTAR Indexes
ING Green Bond Framework
ING is dedicated to its Green Bond franchise

**Green Bond issuance objectives**
- Support meeting our sustainability objectives
- Fund growth in our Eligible Green Loan portfolio
- Continued leadership in the Green Bond market
- Support development of the Global Green Bond market

**External consultants & providers**
- Second party opinion provider
- Renewable energy consultant
- Green buildings consultant

**Recent Green Bond transactions**

<table>
<thead>
<tr>
<th>Year of Issuance</th>
<th>2021</th>
<th>2021</th>
<th>2021</th>
<th>2022</th>
<th>2022</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issuer</td>
<td>ING Groep N.V.</td>
<td>ING Groep N.V.</td>
<td>ING-DiBa AG</td>
<td>ING Groep N.V.</td>
<td>ING Groep N.V.</td>
<td>ING-DiBa AG</td>
</tr>
<tr>
<td>Size / Currency</td>
<td>£800 million</td>
<td>€500 million</td>
<td>€1.25 billion</td>
<td>€1.5 billion</td>
<td>€1 billion</td>
<td>€1 billion</td>
</tr>
<tr>
<td>Tenor</td>
<td>8NC7</td>
<td>11NC6</td>
<td>7yr</td>
<td>4NC3</td>
<td>11NC6</td>
<td>8yr</td>
</tr>
<tr>
<td>Asset class</td>
<td>HoldCo Senior</td>
<td>Tier 2</td>
<td>Covered Bond</td>
<td>HoldCo Senior</td>
<td>Tier 2</td>
<td>Covered Bond</td>
</tr>
</tbody>
</table>

For the above specified bonds, a prospectus is available. For more information and the prospectus, please visit [https://www.ing.com/Investor-relations/Fixed-income-information.htm](https://www.ing.com/Investor-relations/Fixed-income-information.htm)
ING Green Bond Framework

- **Our Green Bond Framework** was updated in 2022 and has been assessed by a **Second Party Opinion (SPO)** and is aligned with the ICMA Green Bond Principles 2021. The framework is presented through below four pillars:

1. **Use of proceeds**
   - ING will finance and/or refinance, in part or in whole, an Eligible Green Loan Portfolio in accordance with the Eligibility Criteria
   - Net proceeds will be allocated to Eligible Green Loan Portfolio, including:
     - Residential Real Estate
     - Commercial Real Estate
     - Renewable Energy
     - Netherlands & Germany
     - Netherlands
     - Global

2. **Project Evaluation and Selection**
   - Projects financed and/or refinanced through Green Bond proceeds are evaluated and selected based on compliance with the Eligibility Criteria
   - Governance of the green bond framework is in place
   - ING’s Environmental & Social Risk policies and transaction approval process ensures that loans comply with [environmental and social policies](#)

3. **Management of Proceeds**
   - The proceeds are managed in a portfolio approach
   - Level of allocation matches or exceeds the balance of net proceeds. The proceeds from Green Finance Instruments are allocated to an Eligible Green Loan Portfolio, which is selected in accordance with the Eligibility Criteria and evaluation and selection process
   - Unallocated net proceeds will be held in ING’s treasury liquidity portfolio at ING’s own discretion

4. **Reporting**
   - Aggregated (between multiple Green Bonds)
   - Allocation and impact are reported. Additional reported items can be found in the Green Bond Framework
   - Limited assurance of the Green Bond Allocation Report provided by external auditor on an annual basis
   - Second party opinion by ISS ESG
By 2030, ING REF wants to have its entire financed commercial real estate portfolio with an A energy label.

Step 1
ING REF advises
To help professional real estate investors with both office buildings and other commercial real estate with an energy label D to G, Business Banking Real Estate Finance Netherlands (ING REF) offers a discounted interest rate on the loan for sustainability if these real estate owners make the jump to energy label A in one go.

Step 2
ING REF finances sustainability
ING REF wants to have provided its entire financed commercial real estate portfolio with an A energy label by 2030. ING does this with a five-step plan shown on the left.

Step 3
ING REF connects
For details of the five-step plan, please see here.

Step 4
ING REF appreciates

Step 5
ING REF compensates

Advising and financing our clients – Green Bond Eligible Categories

- ING continues to fund companies and sectors that are helping the transition to a low-carbon economy. This includes funding projects that advance renewable energy, the circular economy and help combat climate change.

Renewables
- The focus is on core technologies (solar, on/offshore wind and, selectively, geothermal), and a growing segment is battery storage, manufacturing, storage and ancillary services such as grid support.
- ING is aiming to grow new financing commitments of renewable energy by 50% by year-end 2025 compared to 2021.

Residential Real Estate
- In Netherlands, houses with an Energy label A+ or above receive a 0.15% discount and A receive a 0.1% discount. Find more information here.
- In Germany, we offer interest rate discount of -10 bps on mortgages if the customer either new builds or purchases a new build from a developer.
ING steps up renewable energy efforts and restricts financing of new oil & gas fields

Growing our renewable energy portfolio

- ING has worked hard over the years to build a power generation lending book that’s 59% renewables, outperforming by far the most ambitious climate goal of the Paris Agreement.

- We announce that we aim to grow new financing of renewable energy by 50% by year-end 2025 and will no longer provide dedicated finance to new oil & gas fields. Furthermore, we also expanded our approach to other parts of the oil and gas value-chain by restricting dedicated finance to ‘midstream’ (oil & gas infrastructure) activities that unlock new oil and gas fields, also aiming to reduce the volumes of the traded oil and gas we finance.

- The announcement is part of our Terra approach to steer our portfolio towards keeping the rise in global temperatures to 1.5 degrees Celsius to achieve net zero by 2050.

For more information please visit ING Website: https://www.ing.com/Newsroom/News/ING-steps-up-renewable-energy-efforts-and restricts-financing-of-new-oil-gas-fields.htm
## Use of Proceeds

<table>
<thead>
<tr>
<th>ICMA GBP categories</th>
<th>Eligibility criteria</th>
<th>Contribution to UN SDGs</th>
<th>Contribution to EU Environmental objectives and economic activity¹</th>
</tr>
</thead>
</table>
| **Renewable Energy** | Financing or refinancing of production of renewable energy:  
▪ Solar energy  
▪ On- and offshore wind energy | | Substantial contribution to Climate Change Mitigation (Article 10) |
|                     |                      |                         | EU economic activities:  
▪ (4.1.) Electricity generation using solar photovoltaic technology  
▪ (4.3.) Electricity generation from wind power |
| **Green Buildings**  | Financing or refinancing new or existing buildings:  
▪ Buildings built before 31 December 2020 with EPC label ≥ ‘A’  
▪ Buildings built before 31 December 2020 belonging to the top 15% of the national building stock based on primary energy demand (PED)  
▪ Buildings built after 31 December 2020 with energy performance at least 10% better than the threshold for Nearly Zero-Energy Buildings (‘NZEB’) in the local market²  
▪ Buildings that have been refurbished, resulting in a reduction of primary energy demand (PED) of at least 30% and validated through an Energy Performance Certificate  
▪ Buildings that have been refurbished meeting the criteria for major renovations under applicable building regulations, new, existing or refurbished commercial buildings which received at least one of the following certifications:  
  ▪ BREEAM ‘Excellent’ or above certification  
  ▪ LEED ‘Gold’ or above certification  
  ▪ DGNB certification ‘Gold’ and/or above  
  ▪ HQE ‘Excellent’ and/or above  
  ▪ Other equivalent internationally recognised Green Building certification | | Substantial Contribution to Climate Change Mitigation (Article 10) |
|                     |                      |                         | EU economic activities:  
▪ (7.2.) Renovation of existing buildings  
▪ (7.7.) Acquisition and ownership of buildings |


² ING may engage external consultants to define the top 15% and NZEB-10% in the context of the national building stock in the countries where any eligible green building assets are located. In countries where there is no definition of NZEB or there is no practical solution to implement NZEB, ING may choose to rely on the top 15% approach.
Project selection and management of proceeds

- Projects financed and/or refinanced through Green Bond proceeds are evaluated and selected based on compliance with the Eligibility Criteria

1. **Compliance with the Eligibility Criteria**
   - ICMA Green Bond Principles categories
   - EU Taxonomy Technical Screening Criteria
   - Apply on a best efforts basis as long as there are feasible practical applications in the geographies where ING's assets are located (in terms of local regulation)

2. **Governance of Green Bond Framework**
   - ING has established a Green Bond Steering Committee to:
     - Review and update the Framework
     - Defining and evaluating the Eligibility Criteria
     - Oversee other governance processes

3. **Environmental and Social Risk Management Policy (ESR)**
   - ING ensures that all eligible loans comply with official national and international environmental and social standards and local laws and regulations on a best effort basis
   - ING’s Environmental & Social Risk policies and transaction approval process ensure that loans comply with environmental and social policies

### Management of proceeds

- Eligible Green Loan Portfolio allocation in FY2022:

<table>
<thead>
<tr>
<th>Single pool of eligible green loans1 (€ bln)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renewable energy</td>
</tr>
<tr>
<td>Green buildings (residential)</td>
</tr>
<tr>
<td>Green buildings (commercial)</td>
</tr>
<tr>
<td><strong>Total Eligible Green Loan Portfolio</strong></td>
</tr>
<tr>
<td>Of which: allocated amount</td>
</tr>
<tr>
<td>Of which: unallocated amount</td>
</tr>
</tbody>
</table>

1 As per ING Green Bond Allocation Report 2022
Continuous growth in Eligible Green Loan Portfolio

Total Eligible Green Loan Portfolio (in € bln)

<table>
<thead>
<tr>
<th>Year</th>
<th>Wind</th>
<th>Solar</th>
<th>Green buildings</th>
<th>Green residential buildings (NL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>4.9</td>
<td>1.2</td>
<td>8.2</td>
<td>1.1</td>
</tr>
<tr>
<td>2019</td>
<td>8.2</td>
<td>3.3</td>
<td>4.4</td>
<td>1.6</td>
</tr>
<tr>
<td>2020</td>
<td>8.5</td>
<td>4.4</td>
<td>8.1</td>
<td>1.5</td>
</tr>
<tr>
<td>2021</td>
<td>13.0</td>
<td>4.4</td>
<td>2.6</td>
<td>1.5</td>
</tr>
<tr>
<td>2022</td>
<td></td>
<td>7.0</td>
<td>7.0</td>
<td>1.5</td>
</tr>
</tbody>
</table>

+25.0

Eligible Green Loan Portfolio by category in 2022 (in € bln)

- ING's Eligible Green Loan Portfolio has increased €25.0 bln from 2018, totaling €29.9 bln in 2022
- Before 2022, green buildings asset category includes green commercial buildings from the Netherlands and green residential buildings from Germany
- In 2022, green residential buildings from the Netherlands is added to the total Eligible Green Loan Portfolio

- In 2022, the Eligible Green Loan Portfolio consists of renewable energy (wind and solar), green commercial buildings from the Netherlands, and green residential buildings from the Netherlands and Germany
Allocation and Impact report: green commercial buildings

Summary - FY2022

- **€2.9 bln**
  - Total portfolio
- **12,091**
  - Number of buildings
- **3.4 mln m²**
  - Building area
- **43,205 tCO2/year**
  - Annual avoided emissions

**Conclusion**

- Calculation of CO2-emissions are in line with the recommendations of the Partnership for Carbon Accounting Financials (PCAF)
- Based on the calculated real energy consumption, the ING green commercial building portfolio has a CO2-emission that is 43,205 tonnes per year lower than the reference, which is a difference of 21%.

**Use of Proceeds: green commercial buildings**

- Based on the registered A energy labels and the top 15%, buildings in the ING green commercial building portfolio belong to the top most energy-efficient buildings of the Dutch real estate market.

**Group composition of green commercial buildings**

<table>
<thead>
<tr>
<th>Category</th>
<th>#</th>
<th>Refurbished</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry</td>
<td>418</td>
<td>413,954</td>
<td>82</td>
</tr>
<tr>
<td>Office</td>
<td>726</td>
<td>826,453</td>
<td>174</td>
</tr>
<tr>
<td>Retail</td>
<td>2,621</td>
<td>1,150,582</td>
<td>711</td>
</tr>
<tr>
<td>Residential</td>
<td>8,083</td>
<td>711,172</td>
<td>5,322</td>
</tr>
<tr>
<td>Other</td>
<td>243</td>
<td>287,664</td>
<td>105</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>12,091</td>
<td>5,697</td>
<td>6,394</td>
</tr>
</tbody>
</table>

*Based on the calculated real energy consumption, the ING green commercial building portfolio has a CO2-emission that is 43,205 tonnes per year lower than the reference, which is a difference of 21%.
All NL green residential buildings deliver a substantial contribution to climate change mitigation following the EU Taxonomy definition, either by having an EPC class A rating or belonging to the top 15% of the national building stock expressed as operational PED, or meeting the requirements for a PED lower than 10% threshold set for a Nearly Zero Energy Building (NZEB)

Annual green house gas avoided emissions in Germany is determined by multiplying the final energy savings with the carbon emissions intensity

*Based on the calculated real energy consumption, the green residential buildings in the Netherlands has a CO₂ emission that is 23.6% lower than the reference
Allocation and Impact report: renewable energy

Summary – FY2022

- **€5.6 bln**
  - Total portfolio
- **215***
  - Number of projects
- **4,741 kton CO₂eq***
  - Annual avoided emissions
- **1.1 kg CO₂eq/€**
  - Average avoided emissions per Euro invested

Avoided emissions by technology

- **39%**
  - Wind
- **61%**
  - Solar

Total avoided emissions (kton CO₂eq) (# of operational projects)

- Wind: 2,599 (95)
- Solar: 2,142 (73)

Avoided emissions (lhs) and avoided emissions per euro invested (rhs) by project country

- **3.3 million**
  - Individual one-way passenger flights from London to New York

* Includes projects that are operational and those under construction

** All calculations related to avoided emissions are for operational projects only. Projects under construction are excluded
Second Party Opinion

Opinion on ING Green Bond Framework

- ISS's overall evaluation of the Green Bond Portfolio by ING is positive
- ING Green Bond is in line with the Green Bond Principles
- Use of Proceeds significantly contribute to UN Sustainable Development Goals 7, 11 and 13
- The key sustainability objectives and the rationale for issuing Green Financial instruments are consistent

Opinion on sustainability performance

- ING is rated 11th out of 301 companies within the Commercial Banks & Capital Markets industry as of April 3rd 2022. This equates to a high relative performance, with a decile rank relative to industry group of 1, given that a decile rank of 1 indicates highest relative ESG performance out of 10.

Use of Proceeds

Evaluation and selection

Management of Proceeds

Reporting

√

√

√

√
ING Group’s annual accounts are prepared in accordance with International Financial Reporting Standards as adopted by the European Union (‘IFRS-EU’). In preparing the financial information in this document, except as described otherwise, the same accounting principles are applied as in the 2022 ING Group consolidated annual accounts. All figures in this document are unaudited. Small differences are possible in the tables due to rounding.

Certain of the statements contained herein are not historical facts, including, without limitation, certain statements made of future expectations and other forward-looking statements that are based on management’s current views and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in such statements. Actual results, performance or events may differ materially from those in such statements due to a number of factors, including, without limitation: (1) changes in general economic conditions and customer behaviour, in particular economic conditions in ING’s core markets, including changes affecting currency exchange rates and the regional and global economic impact of the invasion of Russia into Ukraine and related international response measures (2) ongoing and residual effects of the Covid-19 pandemic and related response measures on economic conditions in countries in which ING operates (3) changes affecting interest rate levels (4) any default of a major market participant and related market disruption (5) changes in performance of financial markets, including in Europe and developing markets (6) fiscal uncertainty in Europe and the United States (7) discontinuation of or changes in ‘benchmark’ indices (8) inflation and deflation in our principal markets (9) changes in the credit and capital markets generally, including changes in borrower and counterparty creditworthiness (10) failures of banks falling under the scope of state compensation schemes (11) non-compliance with or changes in laws and regulations, including those concerning financial services, financial economic crimes and tax laws, and the interpretation and application thereof (12) geopolitical risks, political instabilities and policies and actions of governmental and regulatory authorities, including in connection with the invasion of Russia into Ukraine and the related international response measures (13) legal and regulatory risks in certain countries with less developed legal and regulatory frameworks (14) prudent supervision and regulations, including in relation to stress tests and regulatory restrictions on dividends and distributions (also among members of the group) (15) ING’s ability to meet minimum capital and other prudential regulatory requirements (16) changes in regulation of US commodities and derivatives businesses of ING and its customers (17) application of bank recovery and resolution regimes, including write down and conversion powers in relation to our securities (18) outcome of current and future litigation, enforcement proceedings, investigations or other regulatory actions, including claims by customers or stakeholders who feel misled or treated unfairly, and other conduct issues (19) changes in tax laws and regulations and risks of non-compliance or investigation in connection with tax laws, including FATCA (20) operational and IT risks, such as system disruptions or failures, breaches of security, cyber-attacks, human error, changes in operational practices or inadequate controls including in respect of third parties with which we do business (21) risks and challenges related to cybercrime including the effects of cyberattacks and changes in legislation and regulation related to cybersecurity and data privacy (22) changes in general competitive factors, including ability to increase or maintain market share (23) inability to protect our intellectual property and infringement claims by third parties (24) inability of counterparties to meet financial obligations or ability to enforce rights against such counterparties (25) changes in credit ratings (26) business, operational, regulatory, reputation, transition and other risks and challenges in connection with climate change and ESG-related matters (27) inability to attract and retain key personnel (28) future liabilities under defined benefit retirement plans (29) failure to manage business risks, including in connection with use of models, use of derivatives, or maintaining appropriate policies and guidelines (30) changes in capital and credit markets, including interbank funding, as well as customer deposits, which provide the liquidity and capital required to fund our operations, and (31) the other risks and uncertainties detailed in the most recent annual report of ING Groep N.V. (including the Risk Factors contained therein) and ING’s more recent disclosures, including press releases, which are available on www.ING.com.

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