

Grand-Duchy of Luxembourg

Investor Presentation September 2025





THE GOVERNMENT
OF THE GRAND DUCHY OF LUXEMBOURG
Luxembourg State Treasury



Executive Summary

Key Facts

- Support measures provided by the government have contributed to reducing inflation in Luxembourg, which has remained among the lowest in the EU, and to maintaining purchasing power of households while boosting companies' competitiveness.
- Real GDP growth has contracted by 1.1% and 0.7% in 2022 and 2023 respectively, but recovered by 1.0% in 2024 and a growth of 1.0% is anticipated for 2025.
- Public debt has reached 26.3% of GDP in 2024 and is foreseen to decline to reach 26.0% of GDP in 2028.
- Despite the economic downturn, the **labour market** remained dynamic (+2.1%) in 2023. A temporary slow down in employment growth is anticipated for 2024 (+1.1%) and 2025 (+1.0%).

Focus on Contemplated Transaction

Key Features of contemplated transaction:

| Issuer | Grand Duchy of Luxembourg |
|----------------------|--|
| Туре | Luxembourg Government Bond RegS Bearer, Senior, Unsecured |
| Ratings | Aaa/AAA/AAA (all stable) (Moody's/S&P/Fitch) |
| Expected Size | EUR Benchmark |
| Maturity | Medium to long term |
| Documentation | Standalone LGB |



Funding Plan Realized in 2025

In May 2025 Luxembourg State Treasury has issued two treasury notes for a total amount of EUR 500 million followed by the issuance of digital bonds for a total amount of EUR 50 million in June 2025 (6 months maturities).

| Issuer | Grand Duchy of Luxembourg | | |
|----------------------------------|---|--|--|
| Туре | 2 Treasury Certificates Senior, Unsecured | | |
| Issue Size | 100+400 Mio Euro | | |
| Maturity | 6 Months | | |
| Yield | 2,00% and 2,03% | | |
| Form of the treasury certificate | Bearer form | | |
| Туре | Digital Treasury Certificate Senior, Unsecured | | |
| Issue Size | 50 Mio Euro | | |
| Maturity | 6 Months | | |
| Form of the treasury certificate | Dematerialized form | | |



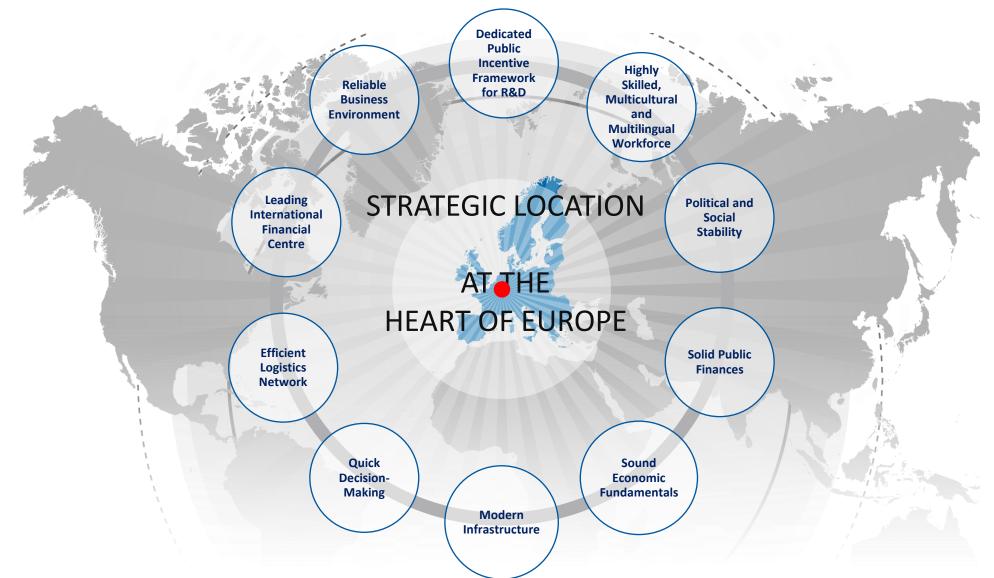
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1. Luxembourg at a Glance



Luxembourg in a Nutshell





Stable Political Environment

- Luxembourg benefits from a high degree of political stability,
 which ensures consistency in policy-making.
- The country's political institutions, including the monarchy, parliament, and government, provide a consistent and reliable governance structure.
- Following the October 2023 elections, the current government in Luxembourg is formed by a centre-right coalition between the Christian Social People's Party (CSV) and the Democratic Party (DP).
- Regular interactions with the social partners ensure a high level of social cohesion.
- As a founding member of the European Union, Luxembourg's political environment is closely aligned with the EU policies.



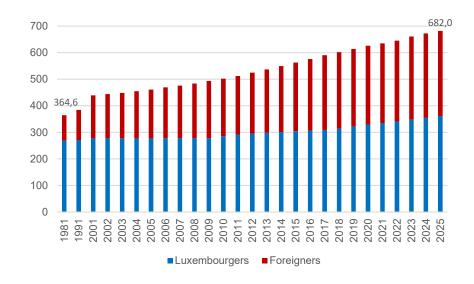
2. Luxembourg's Key Economic Figures



Growing and Multicultural Population

- Luxembourg's population has almost doubled since the 1980s, driven by a strong immigration.
- Foreign nationals represent 47% of the population, which are mainly Portuguese (13.1% of the population), French (7.2%), Italian (3.7%), Belgian (2.7%) and German (1.8%).
- Over the last decade the population has grown by an average of 1.9% per year with a positive net migration of 10,400 people per year.
- 69.1% of the population is aged between 15 and 64.
- Luxembourg is a multilingual country with the majority of Luxembourgers speaking four languages (French, German, English and Luxembourgish).

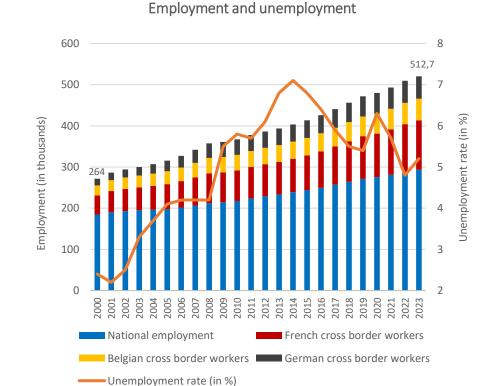
Evolution and composition of the population (in thousands)





International & Highly Qualified Workforce

- The country attracts an international workforce thanks to its strong economy and favourable working conditions.
- Cross-border workers coming from France, Germany and Belgium account for 45.5% of the workforce.
- Professional, scientific and technical activities and the financial sector are among the highest employment sectors, accounting for 11.0% and 10.7% of domestic employment, respectively.

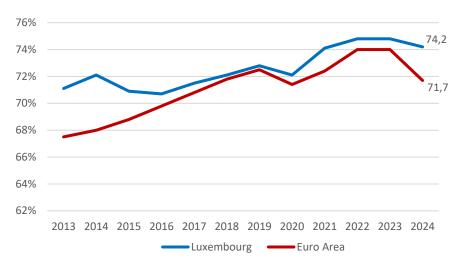




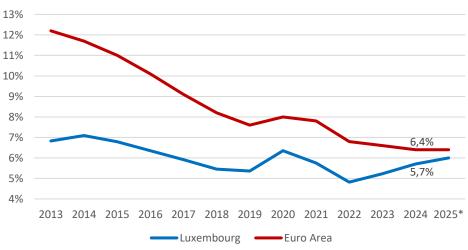
Labour Market

- Luxembourg's strong economic performance and robust labour market are reflected in a high employment rate (74.2%).
- The unemployment rate in Luxembourg is relatively low compared to other European countries (5.2% in 2023 and 5.7% in 2024).
- Luxembourg has a strong social safety net, including unemployment benefits for those temporarily out of the labour market.

Annual Employment Rate - consistently above the euro area



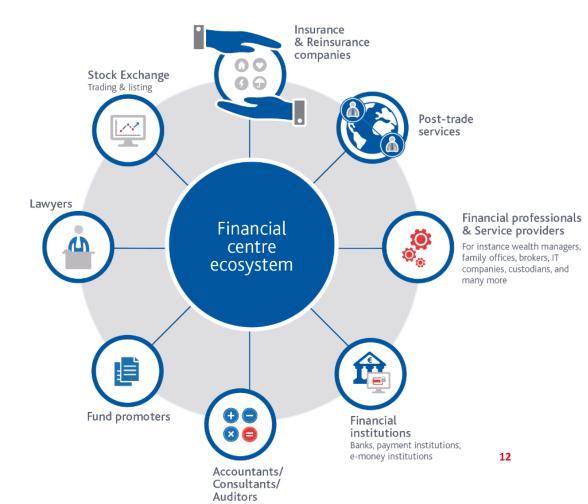
Annual Unemployment Rate - consistently below the euro area





Luxembourg as an International Financial Centre

- Luxembourg is a cross-border hub and centre of excellence facilitating multi-jurisdictional and international financial services.
- Luxembourg is home to the world's 2nd largest investment fund centre.
- Total net fund assets under management exceeded EUR 5,900 bn in July 2025.
- The Luxembourg UCI sector has shown robust growth and adaptability, maintaining its position as a key player in the global investment fund industry.

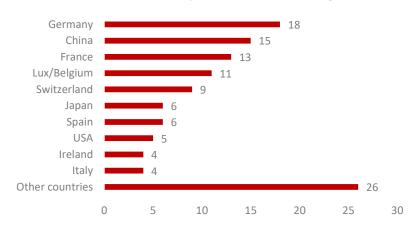




Financial Services

- The banking sector in Luxembourg has shown remarkable resilience amidst global challenges.
- As at end of 2024, the banking sectors' total balance sheet, profit before provisions and taxes as well as the number of employees have increased over the years, reaching EUR 972.3 bn, EUR 9.8 bn and 26,148 employees respectively.
- Despite challenges such as compliance with new regulations and digital transformation, the performance of the sector remains strong. The government is supportive of a further strengthening of the sector and actively fosters innovation, as illustrated by recent tax breaks and the adoption of the 4th Blockchain Law.

Number and geographical origin of the 117 banks present in Luxembourg





Diversified Economy

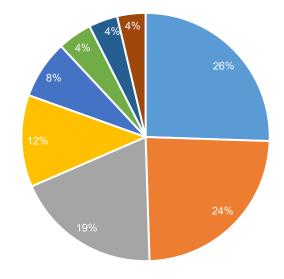
Luxembourg: a growth-oriented economy, beyond the financial sector...

- **European headquarters** of global companies such as Amazon, Ferrero, Paypal, Skype, eBay, SES, ArcelorMittal and many others.
- Logistics hub and home base of all-freight carrier Cargolux, with Luxembourg Airport being the 6th largest freight airport in Europe.
- Strong focus on innovation, in sectors such as FinTech, Space Resources, CleanTech, Health- & BioTech and Cybersecurity. In 2024, Luxembourg Parliament adopted the Blockchain Law 4 which expands the legal framework to support the development of digital securities and tokenisation.

... with a business-friendly environment

- In 2022, Luxembourg had around 45,000 active enterprises, employing around 375,000 people.
- In 2024, the main sectors were **Trade** (around 54,600 employees) and **Financial and Insurance** activities (around 54,800 employees).
- Luxembourg's economic policies value the strength of private initiative and innovative spirit.
- Luxembourg is a small country, with a **globally connected economy**, where business can develop easily and directly.
- Its **stable legal, economic and political context** provides an optimal environment for doing business.

Sectoral Share of Gross Value Added (2024*)



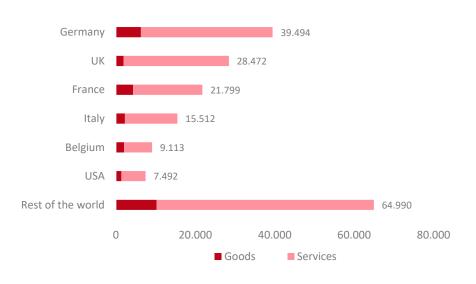
- Financial Services
- Real Estate and Administrative Services
- Trade, Transportation and Communication
- Health and Education
- Public administration
- Construction
- Manufacturing
- Other



Dynamic and Open Economy

- Luxembourg is the most open economy in the world.
- Total exports exceeded 200% of GDP in 2024, of which EUR 28 bn in goods and EUR 158 bn in services.
- According to the latest estimates, its trade balance increased by 30% to a surplus of EUR 11.8 bn in 2024 (EUR +2.8 bn compared to 2023), with exports growing faster than imports.
- This result is mainly driven by the positive balance of international trade in services (EUR 37.5 bn).
- **Financial services** generated a surplus of EUR 25.2 bn, with exports growing by 5.6% and imports by 4.9%, mainly due to an increase in the average assets managed by investment funds.
- Exports of non-financial services slowed down in 2024, with further growth expected, driven by external demand and the recovery of the euro area.

Exports of goods and services by partner (in million EUR, 2024)

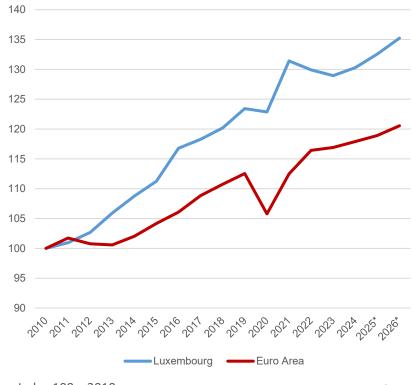




Resilient and Thriving Economy

- Luxembourg consistently outpaces the euro area in terms of GDP growth, demonstrating its strong and competitive economy.
- After overcoming challenges in 2022 and 2023 (-1.1% and -0.7% respectively), Luxembourg recovered in 2024 (+1.0%), with **growth set** to accelerate significantly in the coming years.
- Declining interest rates and a rebound in household consumption position Luxembourg for future growth, supported by its strategic integration into the euro area.
- In 2025, GDP is projected to grow by 1.0% and maintain its strong momentum, highlighting Luxembourg's capacity for sustained economic expansion.
- Luxembourg's economic dynamism and favourable conditions make it an ideal hub for investment and growth in Europe.

Real GDP - Continued overperformance vs. the euro area



Index 100 = 2010

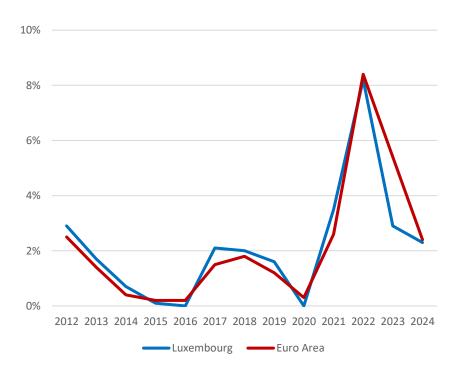
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Inflation

- Luxembourg's CPI has remained the second lowest in the EU in 2023, after reaching some of its highest levels in 2022.
- The government's support measures have contributed to reducing inflation and to preserving households purchasing power, while at the same time boosting the competitiveness of companies.
- For 2025, STATEC forecasts an inflation rate of 2.1%.
- Luxembourg's automatic wage indexation mechanism compensates for inflation, ensuring that wages are adjusted whenever the national consumer price index increases by 2.5% compared to the previous indexation.
- Luxembourg's automatic wage indexation system, a key feature of the local economic landscape, is a key factor in maintaining social peace.

Consumer Price Index (Annual average rate of change)



3. Luxembourg's Public Finances



Coalition Agreement 2023-2028

The government formed after the October 2023 elections aims to implement a **business-friendly and economic recovery policy**:

- by maintaining **public investment at a high level** in order to respond to current and future challenges related to demographic change and the double sustainable and digital transition.
- through measures aimed at **strengthening the competitiveness** of the economy in general and the financial centre in particular.
- by continuing to support households through additional measures in terms of purchasing power.

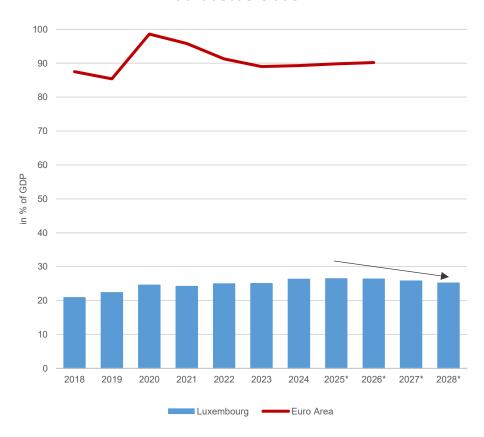
The government is also firmly committed to **pursuing a responsible and sustainable budgetary policy** and to **safeguarding Luxembourg's AAA credit rating**.



Public Finances (1/2)

- The **support measures**, implemented as of 2022 to face the crises, **continued to affect the debt-to-GDP ratio in 2024**, which has reached **26.3% of GDP** (compared to 27.5% of GDP estimated in the 2025 Budget).
- Public debt is expected to reach 26.4% of GDP in 2025, as a result of the phasing out of most support measures, a slowdown in expenditure growth and in light of the revised GDP estimates. According to the 2025 Budget, the debt-to-GDP ratio is projected to decrease to 26.0% of GDP in 2028.
- The level of public debt remains largely below the euro area average, despite the uncertainties related to the geopolitical conflicts.
- The government coalition agreement for 2023-2028 foresees an update of the national budgetary framework with the aim of implementing a sustainable path for public debt.
- Luxembourg has **significant financial assets** including pension fund reserves (equivalent to 35.6% of GDP), participations in listed companies (1.8% of GDP) and assets in the FSIL sovereign fund (0.8% of GDP).

Public debt evolution



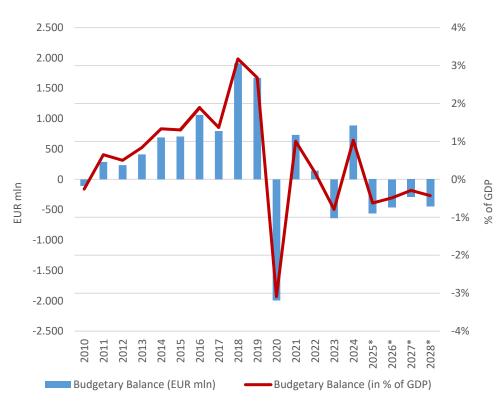
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Public Finances (2/2)

- The 2025 Budget projected the general government balance at -0.6% of GDP in 2024 and 2025, with the deficit gradually decreasing in the medium term.
- Higher-than-expected revenues and a prudent approach to spending in 2024 reduced the central government deficit to EUR 99 million (previously estimated at EUR 1.4 bn), resulting in a general government surplus of EUR 888 million (1.0% of GDP).
- From 2022 until mid-2025, the measures taken to curb energy prices have had a negative impact on the **general government balance** of 3.9% of GDP.
- In addition, the implementation of the new measures aimed at boosting households' purchasing power and firms' competitiveness is expected to entail a fiscal cost of EUR 421 million for 2025.

Budgetary balance



4. Luxembourg's Credit Rating and Debt Management



Credit Ratings

| S&P | AAA | Stable |
|---------|-----|--------|
| Moody's | Aaa | Stable |
| Fitch | AAA | Stable |
| DBRS | AAA | Stable |
| Scope | AAA | Stable |

Rationale behind the AAA rating:

- ✓ "The measures taken by the government in the context of the pandemic have made it possible to support the Luxembourg economy without compromising the soundness of public finances"
- ✓ "Public finances are a key strength for Luxembourg's rating"
- ✓ "Luxembourg's strong fiscal position is a key rating strength"
- "Luxembourg's ratings reflect an exceptionally high-income-percapita economy, with governance indicators above the median of 'AAA' rated sovereigns"
- ✓ "Flexible economic policies, very high wealth levels provide shock absorption capacity"



Debt Management (1/2)

Syndicated Luxembourg Government Bonds (LGB) are the cornerstone of the Treasury's long-term funding strategy.

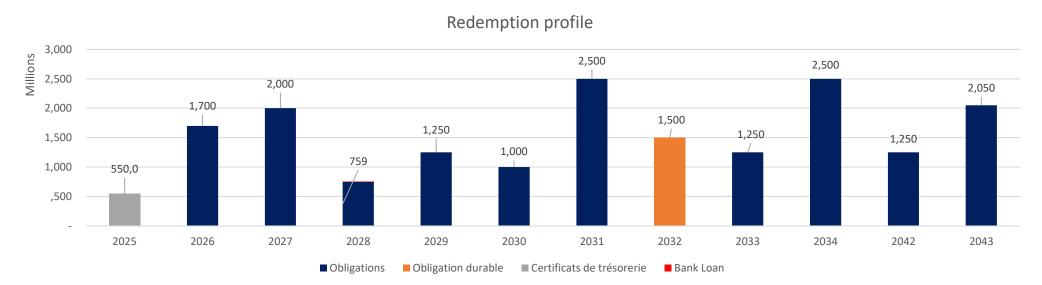
• Luxembourg has 13 LGBs outstanding for a total amount of EUR 17.75 bn*.

Optimizing refinancing and interest rate risk, zero FX exposure.

Outstanding LGBs (fixed-rate and issued in EUR only) have an average maturity of 7.61 years (as at Apr 30th, 2025).

For short term financing needs < 1 year and cash management purposes, the State Treasury may issue Treasury Certificates.

Currently, EUR 500 millions are outstanding (maturity Nov 2025)





Debt Management (2/2)

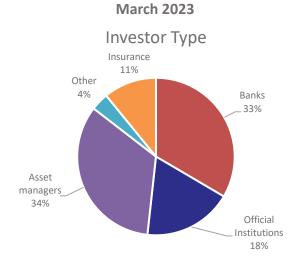
Outstanding Luxembourg Government Bonds (LGB)

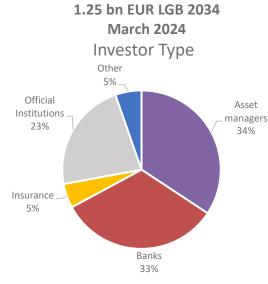
| Issue Date | Notional | Maturity | Maturity date | Coupon | Currency |
|------------|---|--|--|---|---|
| 13/11/2019 | 1,700,000,000 | 7у | 13/11/2026 | 0.000% | EUR |
| 01/02/2017 | 2,000,000,000 | 10y | 01/02/2027 | 0.625% | EUR |
| 19/03/2013 | 750,000,000 | 15y | 19/03/2028 | 2.250% | EUR |
| 25/05/2022 | 1,250,000,000 | 7у | 25/05/2029 | 1.375% | EUR |
| 28/04/2020 | 1,000,000,000 | 10y | 28/04/2030 | 0.000% | EUR |
| 24/03/2021 | 2,500,000,000 | 10y | 24/03/2031 | 0.000% | EUR |
| 14/09/2020 | 1,500,000,000 | 12y | 14/09/2032 | 0.000% | EUR |
| 02/03/2023 | 1,250,000,000 | 10y | 02/03/2033 | 3.000% | EUR |
| 01/03/2024 | 1,250,000,000 | 10y | 01/03/2034 | 2.875% | EUR |
| 23/10/2024 | 1,250,000,000 | 10y | 23/10/2034 | 2.625% | EUR |
| 25/05/2022 | 1,250,000,000 | 20y | 25/05/2042 | 1.750% | EUR |
| 02/03/2023 | 1,750,000,000 | 20y | 02/03/2043 | 3.250% | EUR |
| 20/08/2013 | 300,000,000 | 30y | 20/08/2043 | 2.750% | EUR |
| | 13/11/2019 01/02/2017 19/03/2013 25/05/2022 28/04/2020 24/03/2021 14/09/2020 02/03/2023 01/03/2024 23/10/2024 25/05/2022 02/03/2023 | 13/11/2019 1,700,000,000 01/02/2017 2,000,000,000 19/03/2013 750,000,000 25/05/2022 1,250,000,000 28/04/2020 1,000,000,000 24/03/2021 2,500,000,000 14/09/2020 1,500,000,000 02/03/2023 1,250,000,000 23/10/2024 1,250,000,000 25/05/2022 1,250,000,000 02/03/2023 1,750,000,000 | 13/11/2019 1,700,000,000 7y 01/02/2017 2,000,000,000 10y 19/03/2013 750,000,000 15y 25/05/2022 1,250,000,000 7y 28/04/2020 1,000,000,000 10y 24/03/2021 2,500,000,000 10y 14/09/2020 1,500,000,000 12y 02/03/2023 1,250,000,000 10y 23/10/2024 1,250,000,000 10y 25/05/2022 1,250,000,000 20y 02/03/2023 1,750,000,000 20y | 13/11/2019 1,700,000,000 7y 13/11/2026 01/02/2017 2,000,000,000 10y 01/02/2027 19/03/2013 750,000,000 15y 19/03/2028 25/05/2022 1,250,000,000 7y 25/05/2029 28/04/2020 1,000,000,000 10y 28/04/2030 24/03/2021 2,500,000,000 10y 24/03/2031 14/09/2020 1,500,000,000 12y 14/09/2032 02/03/2023 1,250,000,000 10y 02/03/2033 01/03/2024 1,250,000,000 10y 01/03/2034 23/10/2024 1,250,000,000 10y 23/10/2034 25/05/2022 1,250,000,000 20y 25/05/2042 02/03/2023 1,750,000,000 20y 02/03/2043 | 13/11/2019 1,700,000,000 7y 13/11/2026 0.000% 01/02/2017 2,000,000,000 10y 01/02/2027 0.625% 19/03/2013 750,000,000 15y 19/03/2028 2.250% 25/05/2022 1,250,000,000 7y 25/05/2029 1.375% 28/04/2020 1,000,000,000 10y 28/04/2030 0.000% 24/03/2021 2,500,000,000 10y 24/03/2031 0.000% 14/09/2020 1,500,000,000 12y 14/09/2032 0.000% 02/03/2023 1,250,000,000 10y 02/03/2033 3.000% 01/03/2024 1,250,000,000 10y 01/03/2034 2.875% 23/10/2024 1,250,000,000 10y 23/10/2034 2.625% 25/05/2022 1,250,000,000 20y 25/05/2042 1.750% 02/03/2023 1,750,000,000 20y 02/03/2043 3.250% |



Diversified Investor base for LGBs

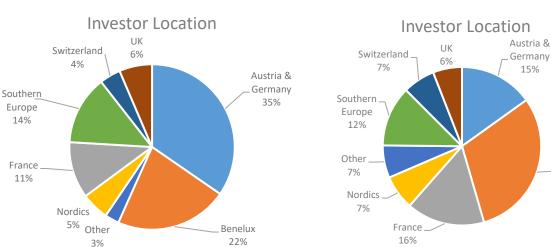
1.75 bn EUR LGB 2043

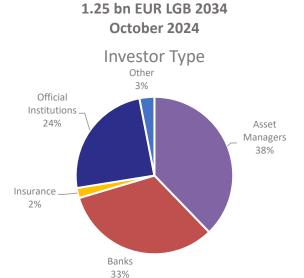


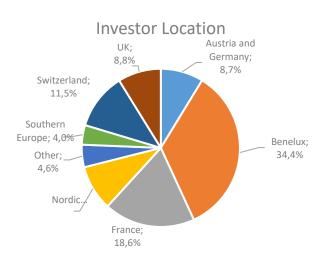


Benelux

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