

PORTUGAL

ECONOMIC RESILIENCY AND DELEVERAGING

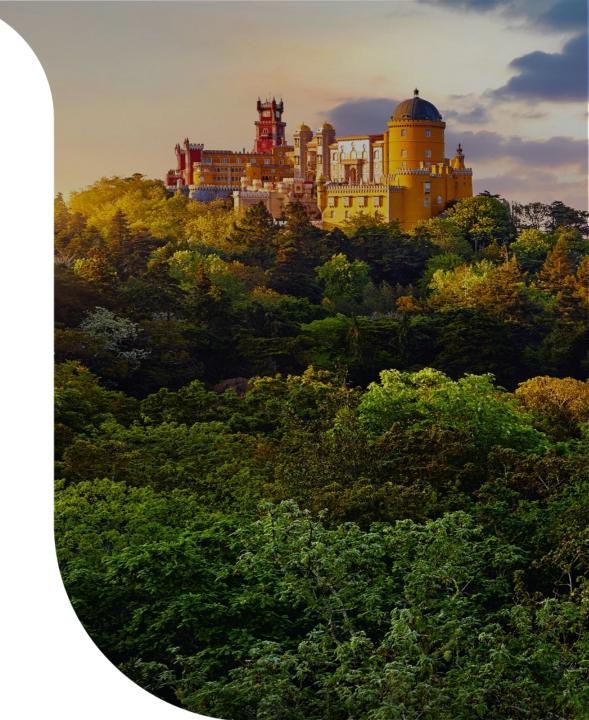
SEPTEMBER 2025

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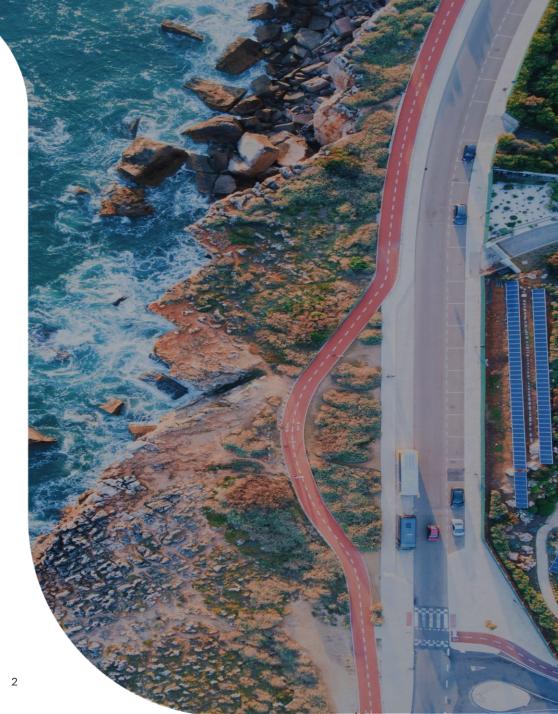
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Executive Summary

- Real GDP grew by 1.9% in 2024 and is projected to grow by an average of 1.8% between 2025-27⁽¹⁾, outperforming Euro Area growth
- Domestic demand is set to continue supporting economic growth, while external demand faces headwinds due to global trade tensions
- Portugal has a **diversified and open economy**, with manufacturing (mechanical & electronics, chemicals & plastics, automotive & mobility, textiles & clothing and renewables) as well as travel and tourism, driving the export sector (ca. 50% of GDP)
- The capital and current accounts are expected to remain in surplus, suggesting that net external debt will continue on a downward trajectory
- **Public accounts are in surplus** (1.2% of GDP in 2023 and 0.7% in 2024) and are expected to remain so in the coming years ⁽²⁾, with tax revenues growth accommodating the adoption of policy measures aimed to increase households' disposable income and to improve the country's competitiveness
- **High primary balances** combined with economic growth have resulted in a sharp decline of public debt (94.9% of GDP in 2024, -39.2 pp vis-à-vis the 2020 peak) and will continue to bring debt down by 3 to 4 pp yearly, as part of a process of deleveraging of the entire economy
- Profitability in the banking sector holds up well amid falling interest rates
- **Prudent public debt management** has kept risks at bay, with a lower refinancing risk (around 40% for 5 years) and a safe weighted average maturity (above 7.5 years)
- Despite the increase in net cash requirements of the State, net issuance of PGB remains stable around EUR 8 billion in 2025
- **Upgrading trend in credit ratings**, currently at A3 | Stable by Moody's; A+ | Stable by S&P; A | Stable by Fitch; A (high) | Stable by DBRS, and A | Stable by Scope, acknowledging a solid and improving economic outlook

(1) Annual average growth rate between 2025-2027 [Banco de Portugal, Economic Bulletin, June 2025]

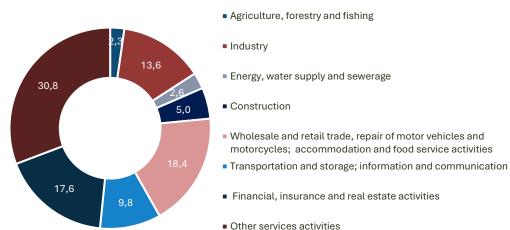
(2) Ministry of Finance (State Budget 2025, October 2024 and Medium-Term Fiscal Structural Plan 2025-2028, October 2024)

Portuguese economy snapshot

	2024
Area (sq. km '000)	92.2
Resident population (number)	10 749 635
GDP real growth rate (%)	1.9%
GDP per capita (current prices, €)	26 696
Savings rate (Disposable income %)	12.5%
Unemployment rate (%)	6.4%
General Government balance (GDP %)	0.7%
Public Debt (GDP %)	94.9%
Current and Capital account (GDP %)	3.2%
Inflation (annual average)	2.7%
[Statistics Portu	gal, <u>Banco de Portugal, E</u>

Open and diversified economy within Euro Area

✓ Strong growth fundamentals and diversified economic activity
GVA decomposition by sector of activity, 2024, current prices, % of total¹



- \checkmark Robust and diversified exports (both in terms of sectors and markets; ≈ 50% of GDP)
- ✓ Solid labor market: low unemployment and high level of employment
- ✓ Strong institutions and governance
- ✓ One of the safest countries in the world
- \checkmark One of first countries to announce the commitment to be carbon neutral by 2050

¹ [Statistics Portugal]

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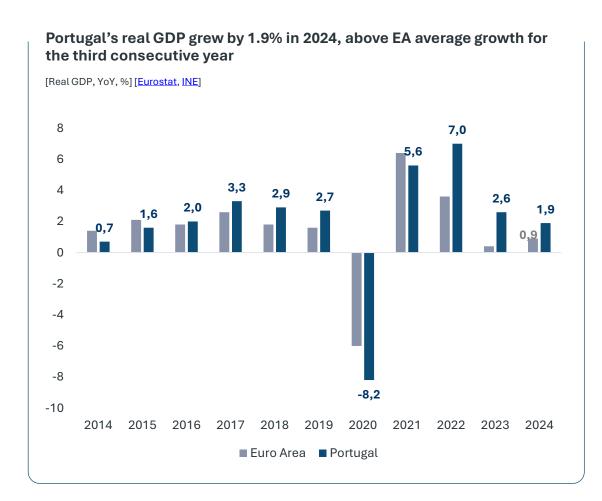
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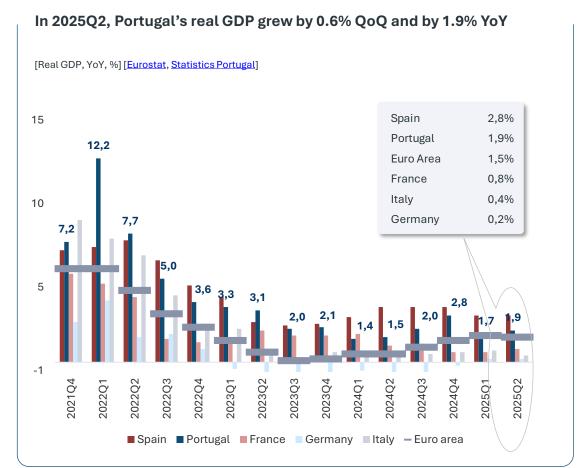
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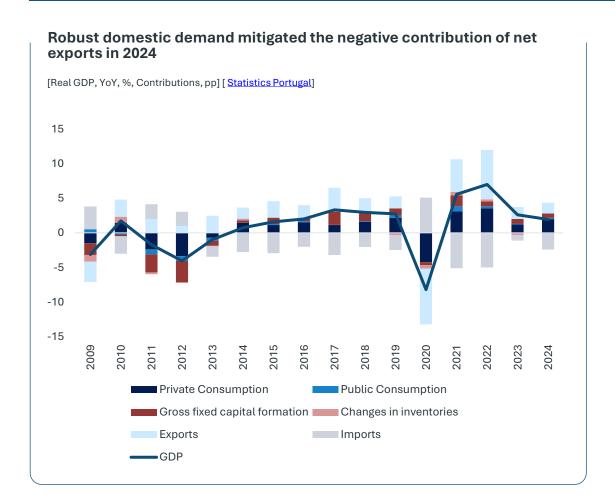
The Portuguese economy accelerated in Q2 2025, after a slowdown in Q1

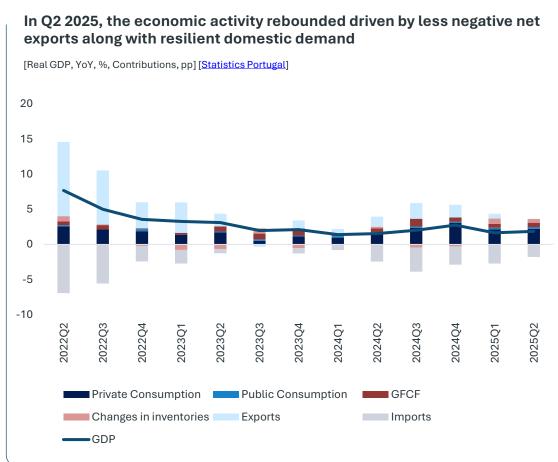




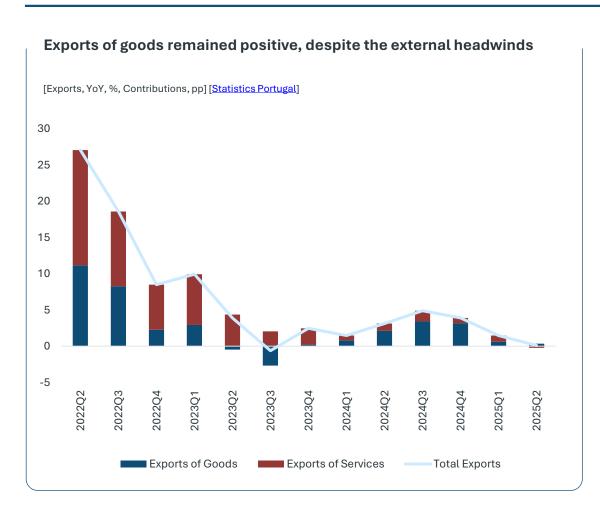


Portuguese real GDP rebounded in Q2, as the drag from external demand eased



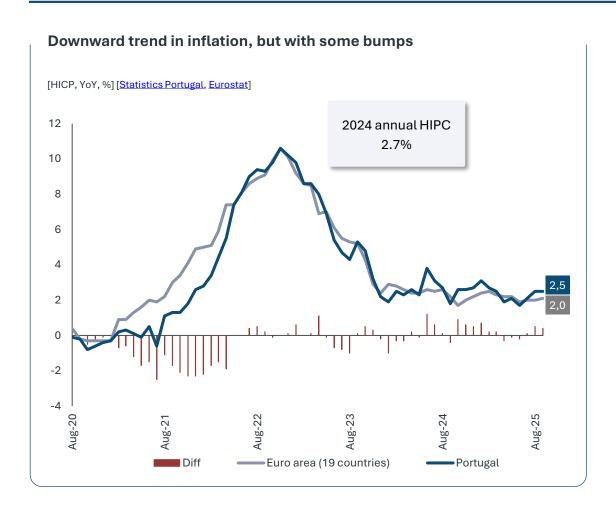


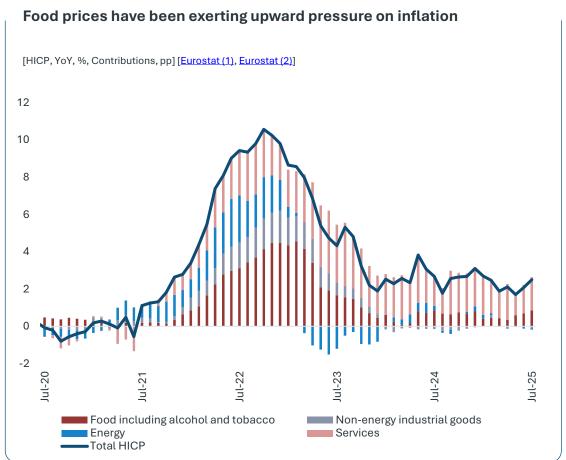
Exports continue to grow, albeit at slower pace. Investment accelerated in Q2 2025





Portuguese inflation near price stability target



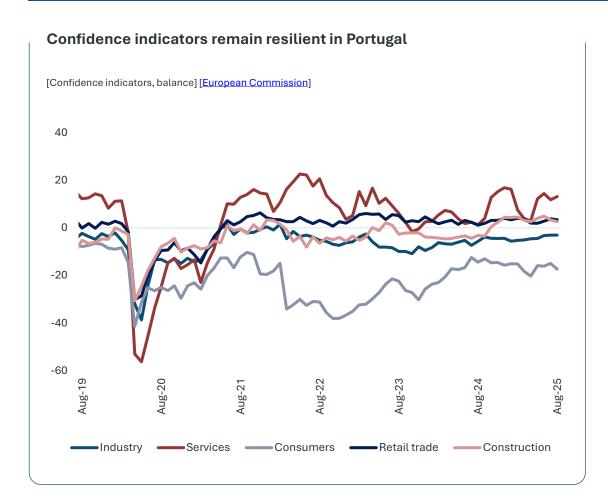


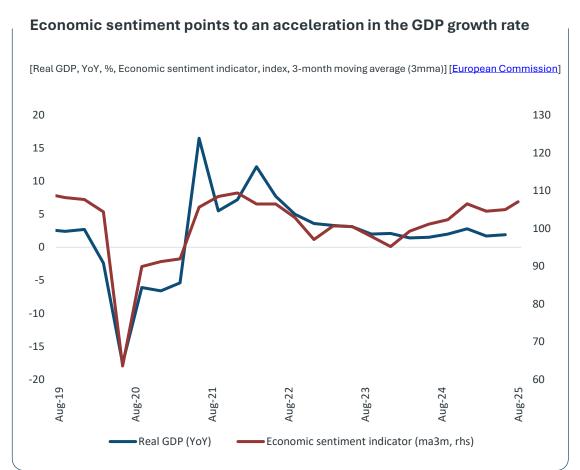
Projections point to steady growth, low unemployment, and inflation around 2%

Macroeconomic projections		Ministry of Fir			stry of Fina	ance						European					
for Portugal	0			2025 State		-Term Fisc 2025	al Structu -2028	ral Plan		IMF		Ban	co de Port	ugal		nission	
	Statistics Portugal		Statistics Portugal		Budget October 2024	Annual Progress Report April 2025	0	ctober 202	4		Economic (April 2025	Outlook	Eco	onomic Bu June 2025			2025
	2022	2023	2024	2025 F	2025 F	2026 F	2027 F	2028 F	2025 F	2026 F	2027 F	2025 F	2026 F	2027 F	2025 F	2026 F	
Real GDP (yoy %)	7.0	2.6	1.9	2.1	2.4	2.2	1.7	1.8	2.0	1.7	1.5	1.6	2.2	1.7	1.8	2.2	
Private Consumption (yoy %)	5.6	1.9	3.2	2.0	2.4	1.9	1.8	1.8				2.2	2.0	1.9	3.3	2.8	
Public Consumption (yoy %)	1.7	0.6	1.1	1.2	1.7	0.9	0.3	0.5				1.0	1.0	0.7	1.2	1.2	
Gross Fixed Capital Formation (yoy %)	3.3	3.7	3.1	3.5	4.4	3.7	1.8	2.7				2.1	5.8	0.1	3.5	4.3	
Exports of goods and services (yoy %)	17.2	3.8	3.3	3.5	2.2	3.4	3.3	2.8	2.0	1.9	1.9	1.7	2.6	2.9	1.7	2.8	
Imports of goods and services (yoy %)	11.3	1.8	5.1	3.5	2.8	3.4	3.2	2.9	2.9	2.7	2.1	3.4	3.2	2.2	4.3	4.1	
Domestic demand contribution (pp GDP growth)	4.8	1.7	2.7	2.1	2.7	2.1	1.6	1.8				2.3	2.5	1.3	2.9	2.8	
Net exports contribution (pp GDP growth)	2.1	0.9	-0.8	0.0	-0.3	0.0	0.1	0.0		•				•	-1.1	-0.5	
Employment growth (yoy %)	3.7	1.0	1.6	0.7	0.6	0.5	0.4	0.3				1.4	0.7	0.5	1.0	0.9	
Unemployment rate (% labor force)	6.1	6.5	6.4	6.5	6.4	6.4	6.4	6.3	6.4	6.3	6.2	6.4	6.4	6.4	6.4	6.3	
Net lending/borrowing of the economy (% GDP)	-1.3	1.7	2.8	3.6		3.9	2.9	3.0							2.4	2.0	
Current account balance (% GDP)	-2.0	0.6	2.1	0.7		1.0	1.0	1.2	1.7	1.5	1.6				1.2	0.9	
GDP deflator (yoy %)	5.3	7.0	4.4	2.6	2.7	2.0	2.0	2.0	2.6	2.3	2.1	2.7	2.4	2.4	3.1	2.2	
Inflation (HICP, yoy %)	8.1	5.3	2.7	2.3	2.4	2.0	2.0	2.0	1.9	2.1	2.0	1.9	1.8	1.9	2.1	2.0	

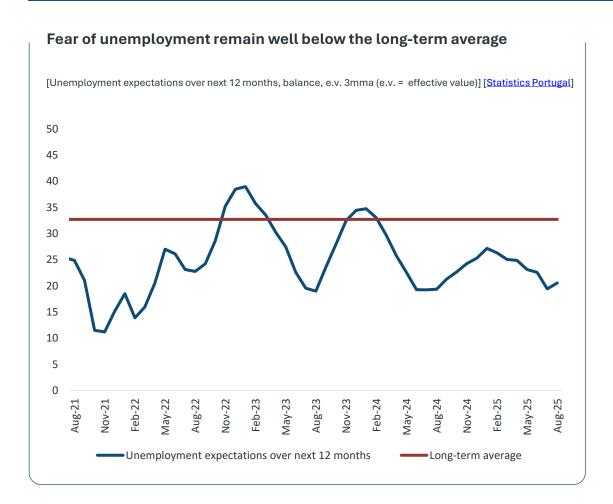
[Statistics Portugal, Ministry of Finance (State Budget 2025, October 2024, Annual Progress Report, April 2025, Medium-Term Fiscal Structural Plan 2025-2028, October 2024), IMF (World Economic Outlook, April 2025), Banco de Portugal (Economic Bulletin, June 2025), European Commission (Economic Forecast, Spring 2025)]

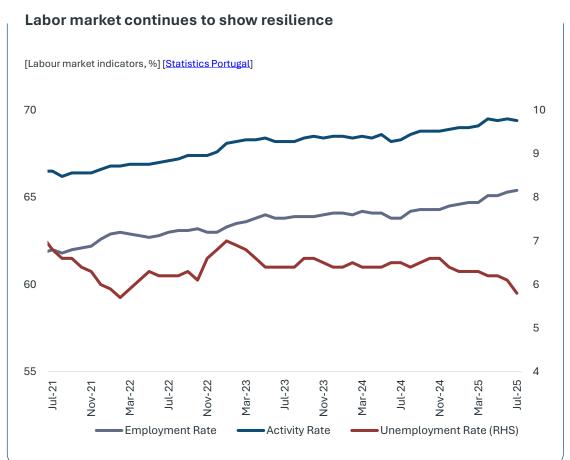
Confidence indicators continue to point to economic expansion





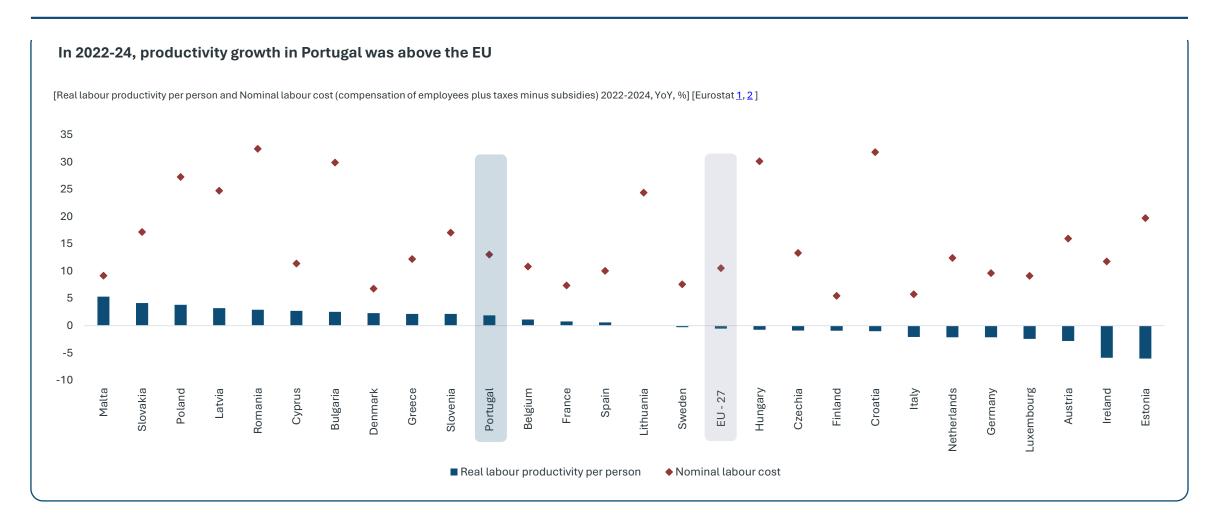
Labor market remains robust, despite high levels of uncertainty



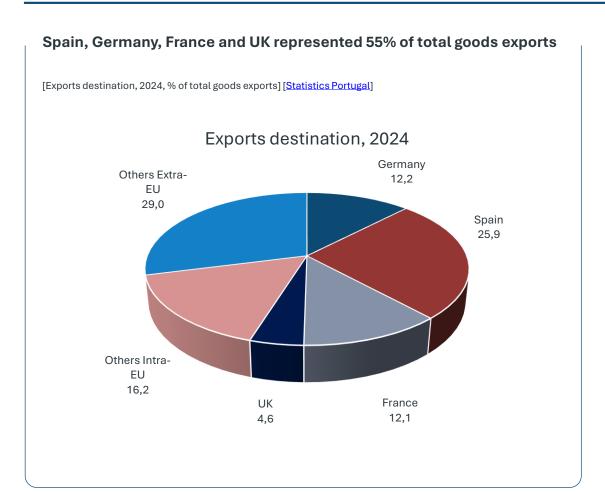


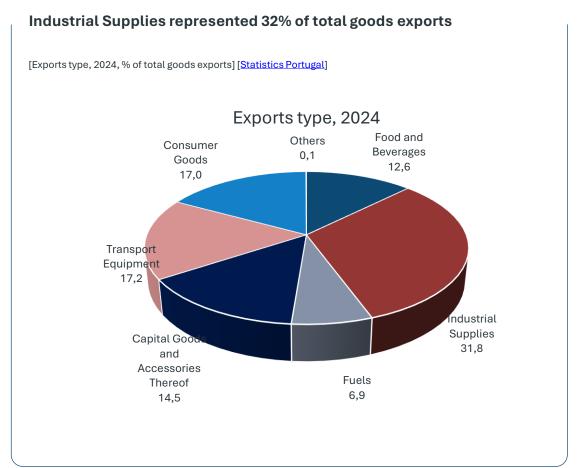


Portugal among the top 15 countries with higher real productivity growth in 2022-24



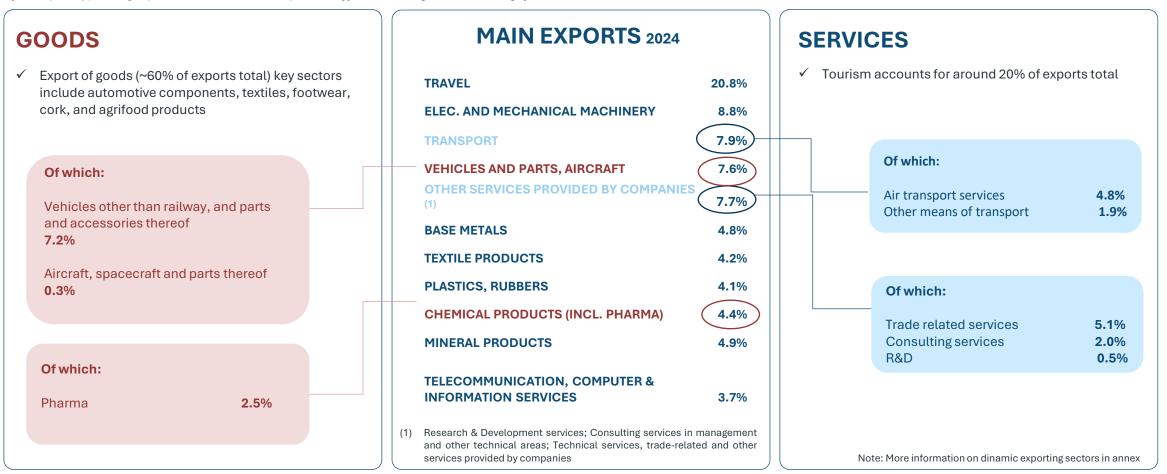
Goods exports benefit from diversified base of destinations and product type





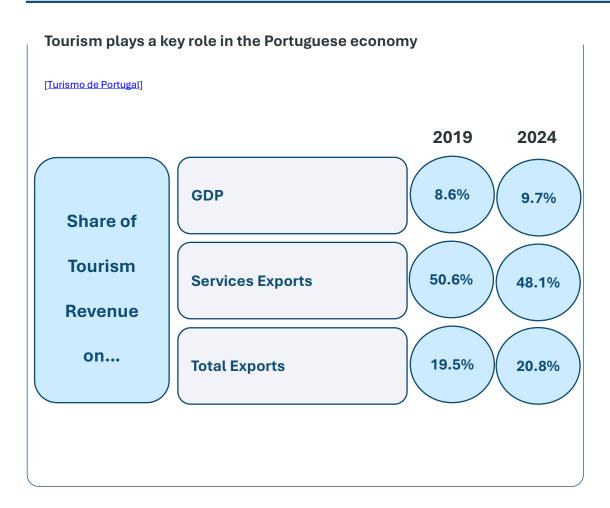
Portuguese exports have proven to be diversified

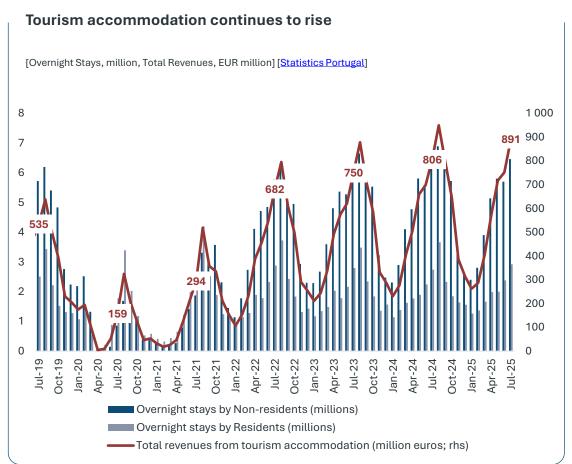
[Main exports by product groups and services as % of total exports, 2024] [Statistics Portugal; Banco de Portugal]



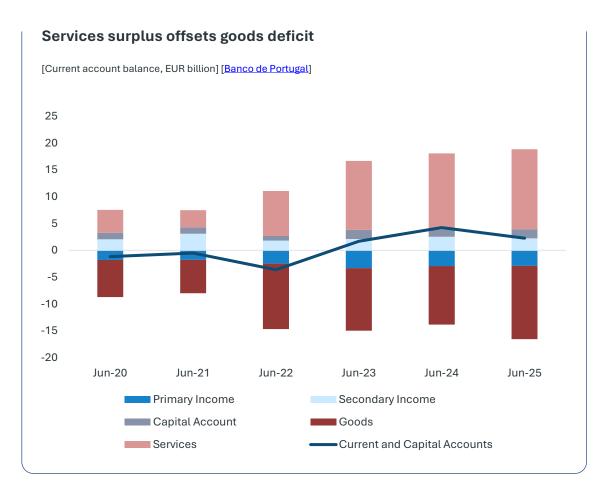


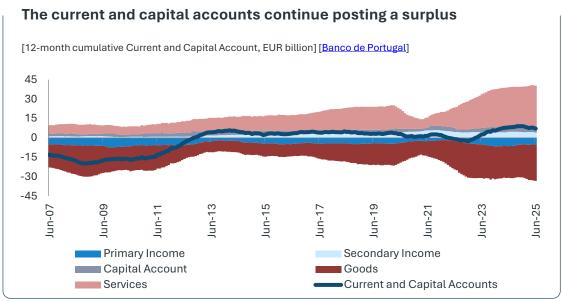
Tourism revenues continue their upward trajectory, surpassing historical highs





Dynamism of export sector contributes to consolidation of current account surplus



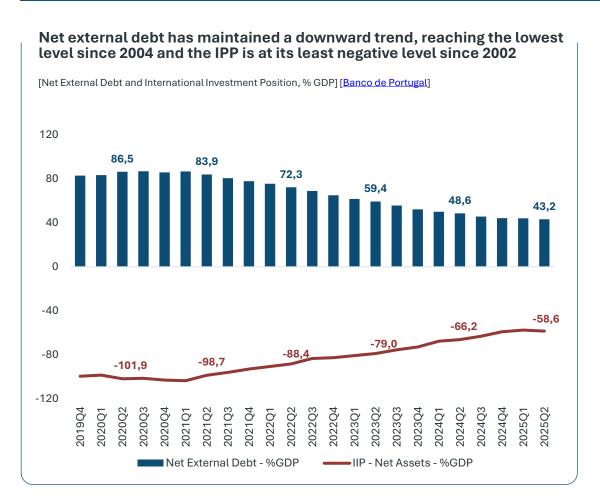


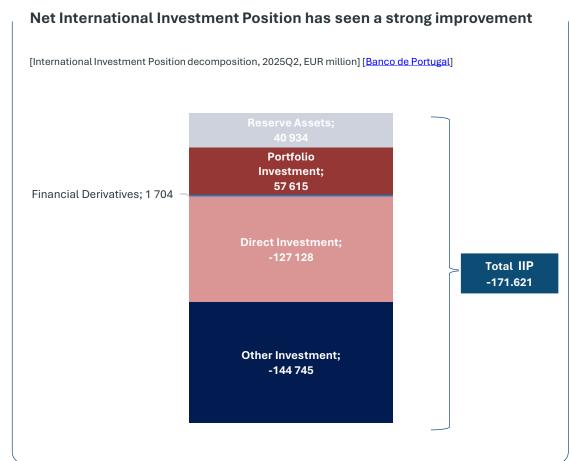
Current account surplus is forecast to continue [IMF (World Economic Outlook, April 2025)]

	2024	2025	2026	2027	2028	2029
Current Account (% GDP)	2.2%	1.7%	1.5%	1.6%	1.4%	1.5%

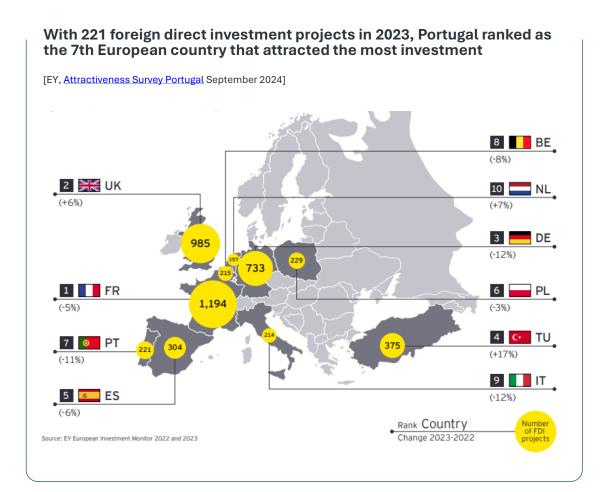


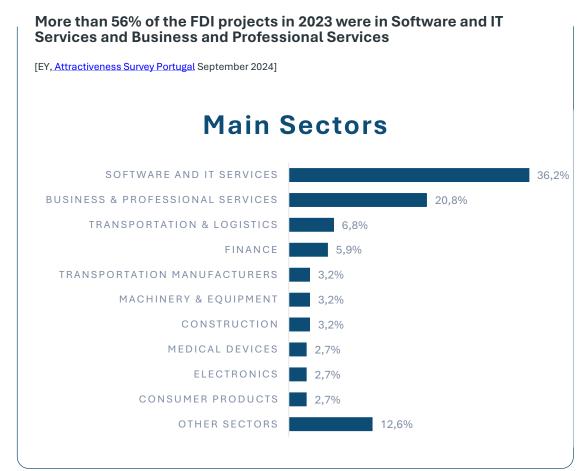
Portugal is improving its external position, confirming the positive structural change



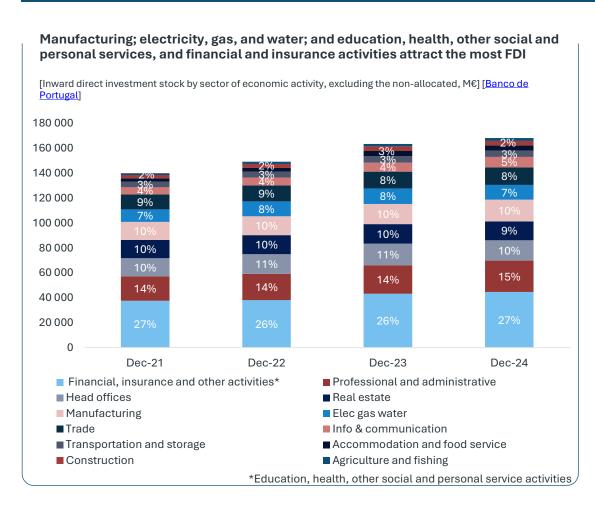


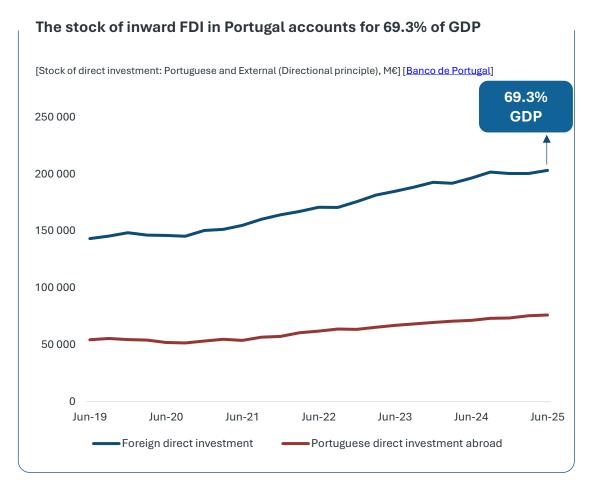
In 2023, Portugal was in the Top-10 host European countries for FDI projects



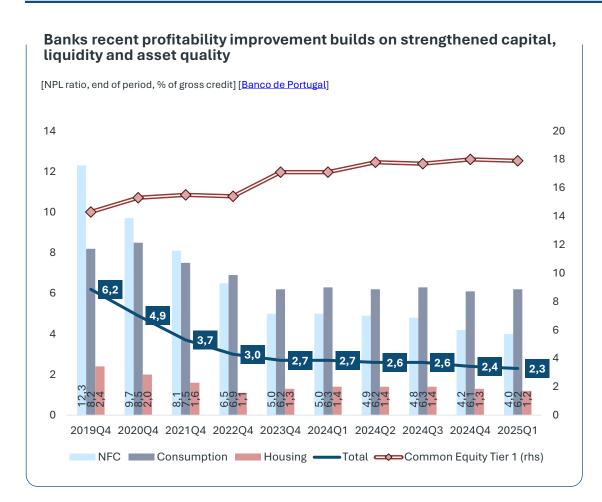


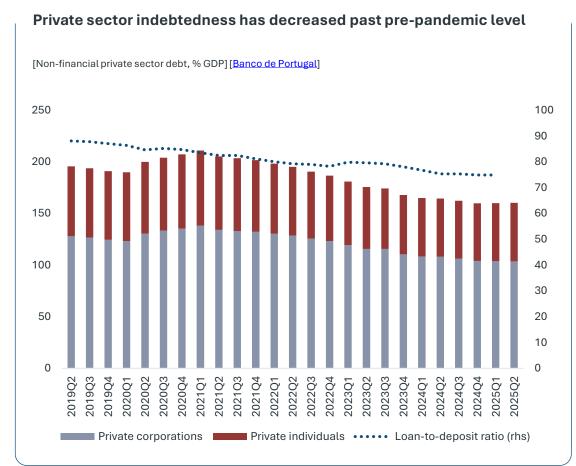
Inward FDI flows growing across sectors



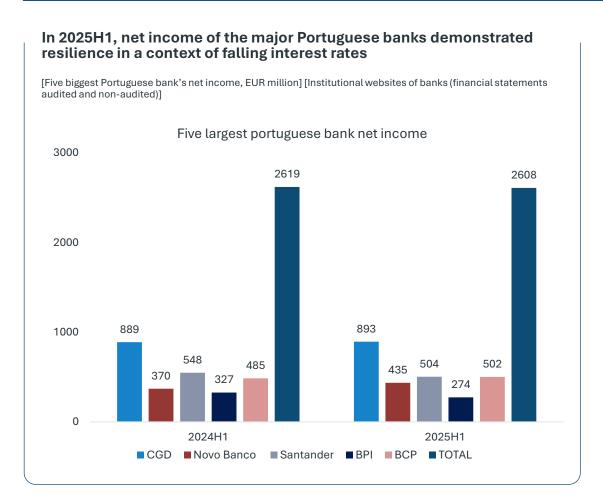


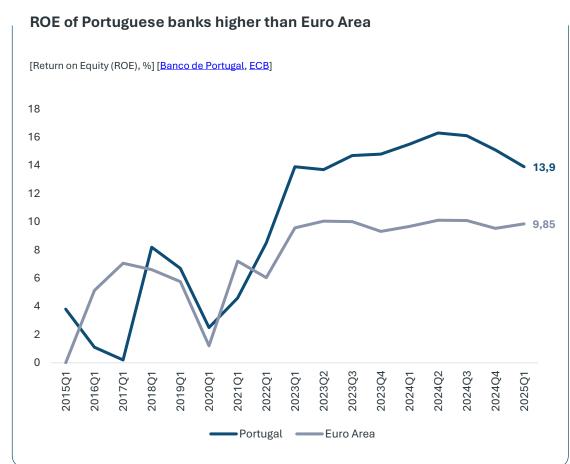
Stronger banking sector and deleveraging in the private sector



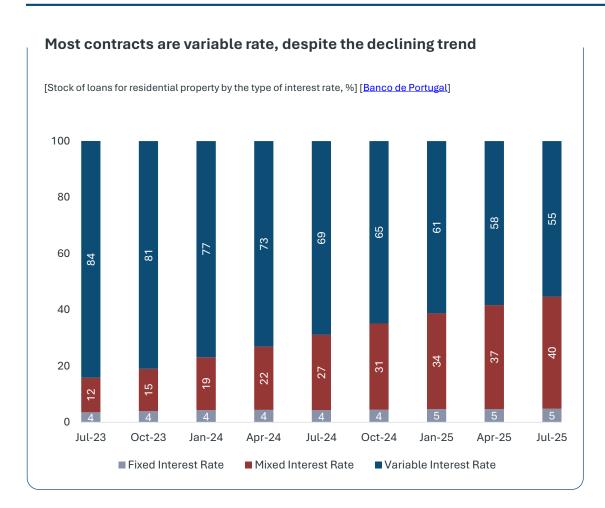


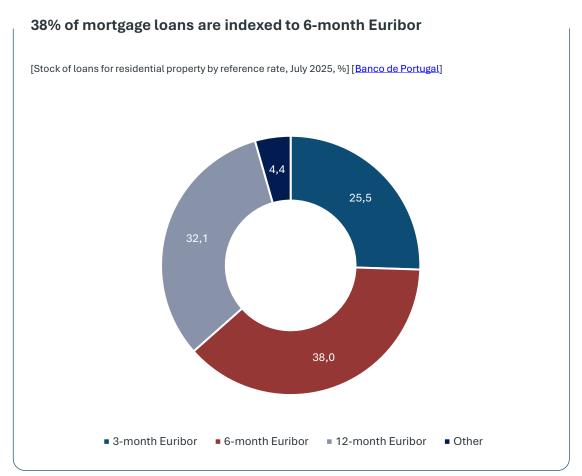
The banks' profits showed robustness in a context of falling interest rates



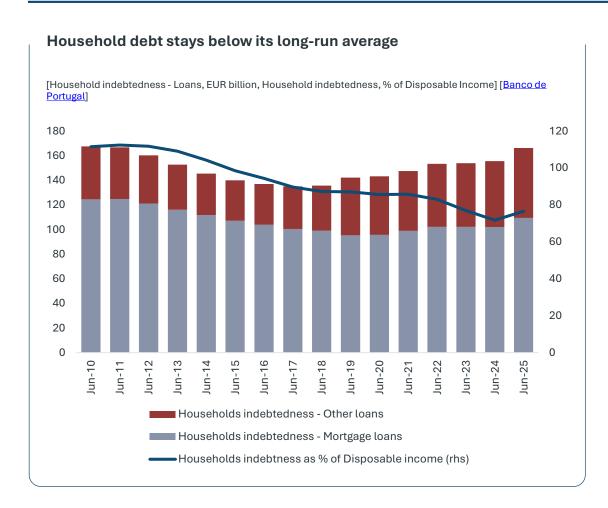


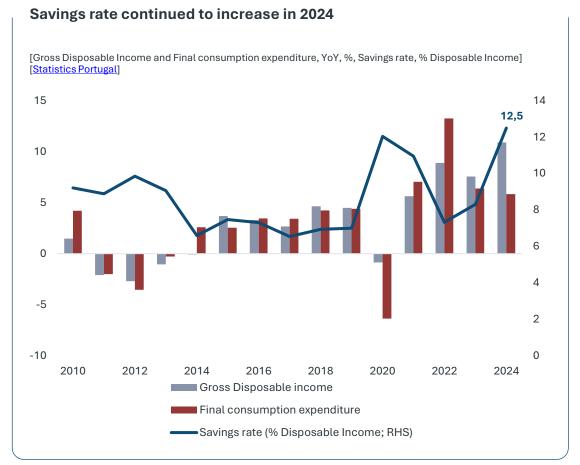
Most residential property loans in Portugal are indexed to Euribor



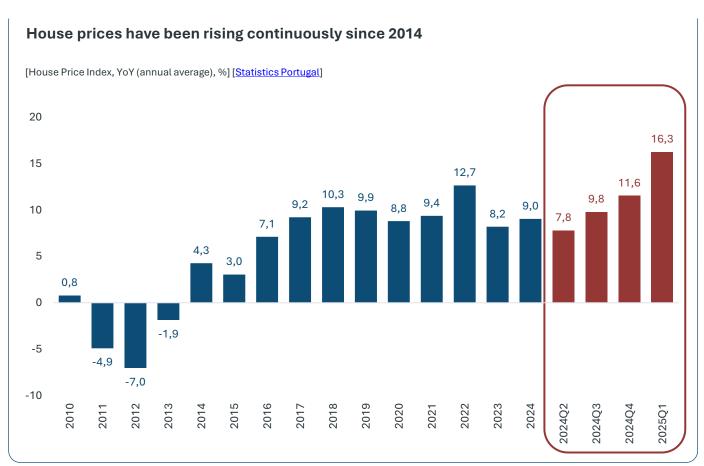


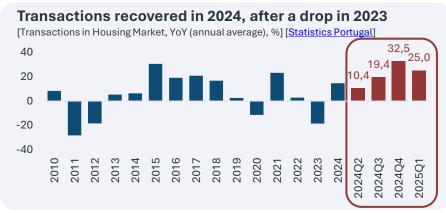
Households' financial condition remains solid

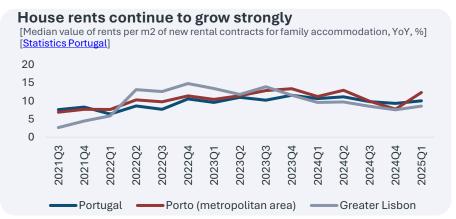




Residential market indicators continue to demonstrate dynamism







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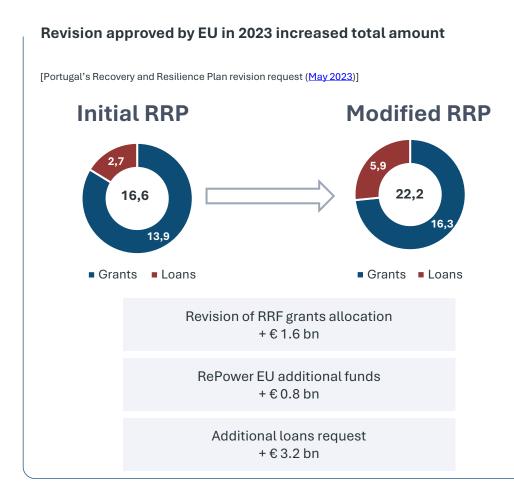
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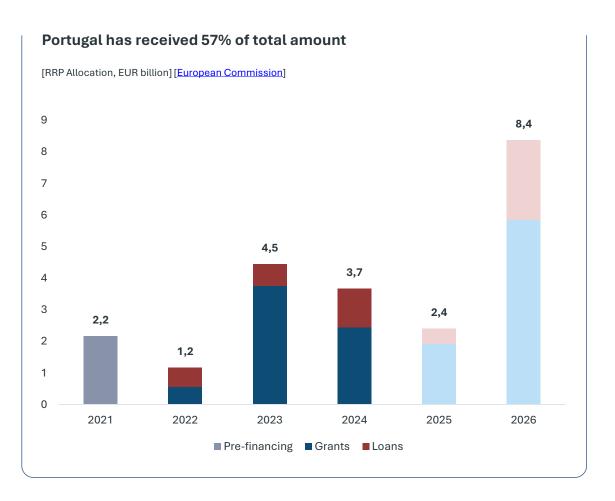


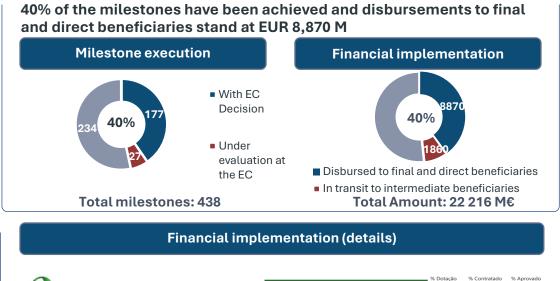
Adjustments to the Recovery and Resilience Plan

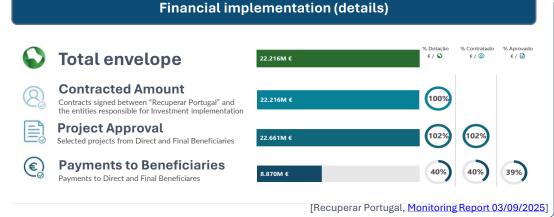




Implementation of NGEU funds is advancing, with six disbursements received

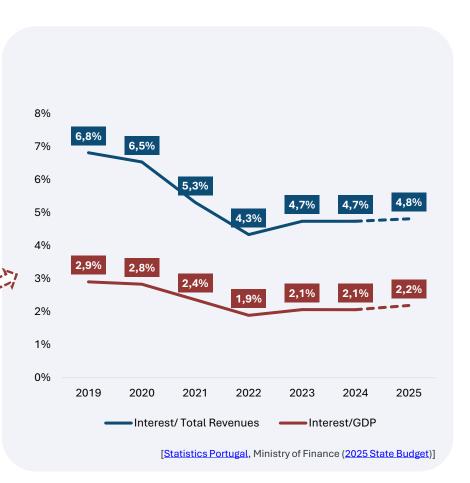






Robust primary surpluses and stable interest-to-GDP ratio

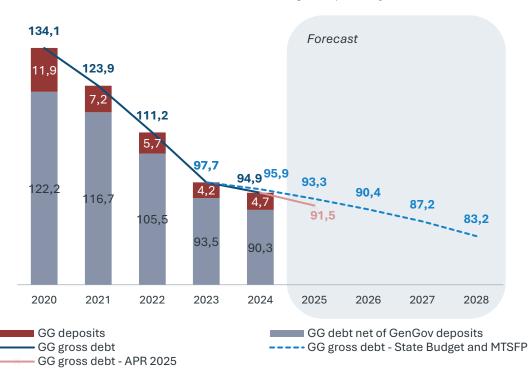
General Government Accounts	2023	2024	2025F	2023	2024	2025 F	2024/2023	2025/2024
(Accrual basis)	EURbn	EURbn	EUR bn	% GDP	% GDP	% GDP	у-о-у	у-о-у
Total revenue	116,6	124,0	133,8	43,5	43,5	45,5	6%	8%
Current revenue	113,5	121,5	127,6	42,4	42,6	43,3	7%	5%
Current taxes on income and wealth	28,5	29,5	29,4	10,6	10,3	10,0	4%	0%
Taxes on production and imports	38,7	41,5	43,2	14,4	14,6	14,7	7%	4%
Social contributions	32,8	35,9	37,9	12,2	12,6	12,9	9%	5%
Sales	8,4	8,9	9,1	3,1	3,1	3,1	6%	3%
Other current revenue	5,2	5,8	8,0	1,9	2,0	2,7	12%	39%
Capital revenue	3,1	2,5	6,2	1,2	0,9	2,1	-21%	153%
otal expenditure	113,4	122,0	132,9	42,3	42,8	45,2	8%	9%
Current expenditure	102,9	112,2	118,6	38,4	39,3	40,3	9%	6%
Social benefits	46,9	51,8	53,3	17,5	18,2	18,1	10%	3%
Compensation of employees	27,9	30,3	32,0	10,4	10,6	10,9	8%	6%
Interest	5,5	5,9	6,4	2,1	2,1	2,2	6%	10%
Intermediate consumption	13,9	14,9	16,2	5,2	5,2	5,5	7%	8%
Subsidies	2,2	2,1	2,0	0,8	0,8	0,7	0%	-8%
Other current expenditure	6,5	7,2	8,7	2,4	2,5	3,0	11%	21%
Capital expenditure	10,5	9,7	14,3	3,9	3,4	4,8	-7%	46%
Gross Fixed Capital Formation	7,0	7,8	10,9	2,6	2,7	3,7	10%	41%
Other capital expenditure	3,5	2,0	3,3	1,3	0,7	1,1	-42%	68%
Overall Balance	3,2	2,0	0,9	1,2	0,7	0,3		
Primary Balance	8,8	7,9	7,3	3,3	2,8	2,5		



Commitment to fiscal prudence continues to take public debt ratio lower

Debt-to-GDP ratio spiked to a maximum in 2020, but the pre-Covid downward trend resumed in 2021 anchored in favorable metrics

[Maastricht debt, % GDP] [Statistics Portugal, Banco de Portugal, Ministry of Finance (2025 State Budget and Medium-Term Fiscal – Structural Plan 2025-2028 and Annual Progress Report 2025]



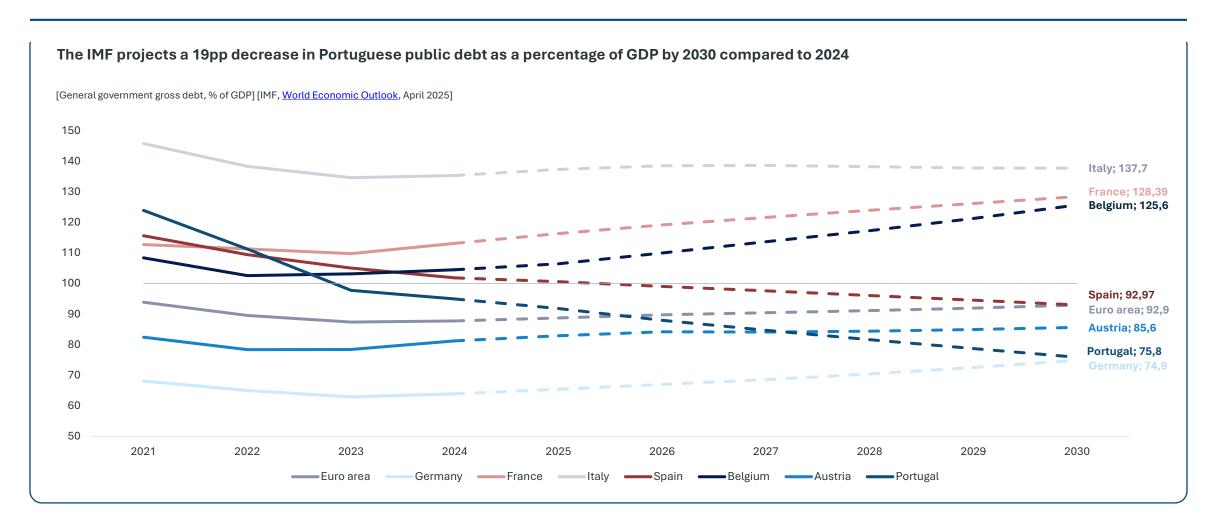
Downward trend of debt is expected to continue

 $[Public\ Debt\ Dynamics]\ [2025\ State\ Budget\ ,\ Medium-term\ Fiscal-Structural\ Plan\ 2025-2028\ and\ Annual\ Progress\ Report\ 2025]$

	2020	2021	2022	2023	2024	2025 F*	2026 F	2027 F	2028 F
Maastricht debt % GDP)	134,1	123,9	111,2	97,7	94,9	91,5	90,4	87,2	83,2
Annual change (pp GDP)	18,0	-10,2	-12,6	-13,5	-2,8	-3,4			
Primary balance effect	2,9	0,5	-1,6	-3,3	-2,8	-2,4			
Snowball effect	10,6	-7,2	-12,1	-7,9	-3,9	-2,5			
Interest costs	2,8	2,4	1,9	2,1	2,1	2,2			
Nominal GDP	7,8	-9,6	-13,9	-9,9	-5,9	-4,7			
Stock-flow adjustments	4,5	-3,5	1,0	-2,3	3,8	1,5			
Nominal GDP growth rate (yoy)	-6,3	7,7	12,7	9,8	6,4	5,2			
Overall fiscal balance (%GDP)	-5,8	-2,8	-0,3	1,2	0,7	0,3			
Primary balance (%GDP)	-2,9	-0,5	1,6	3,3	2,8	2,4			
Interest costs (%GDP)	2,8	2,4	1,9	2,1	2,1	2,2			

* 2025 forecast according to <u>Annual Progress Report 2025</u>

Portugal's macro/fiscal outlook reflected in downward trend of public debt



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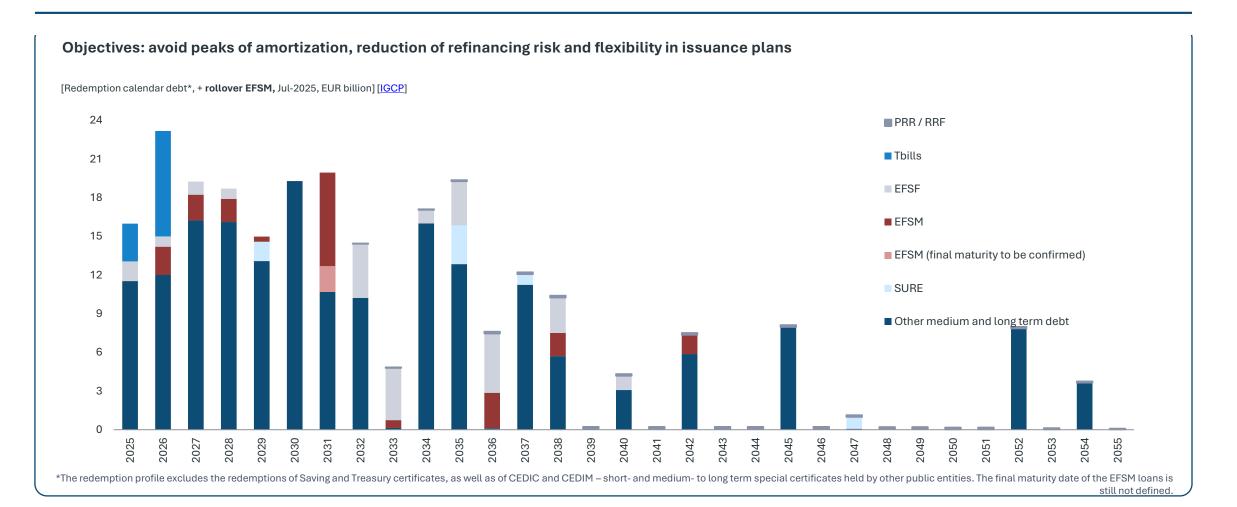
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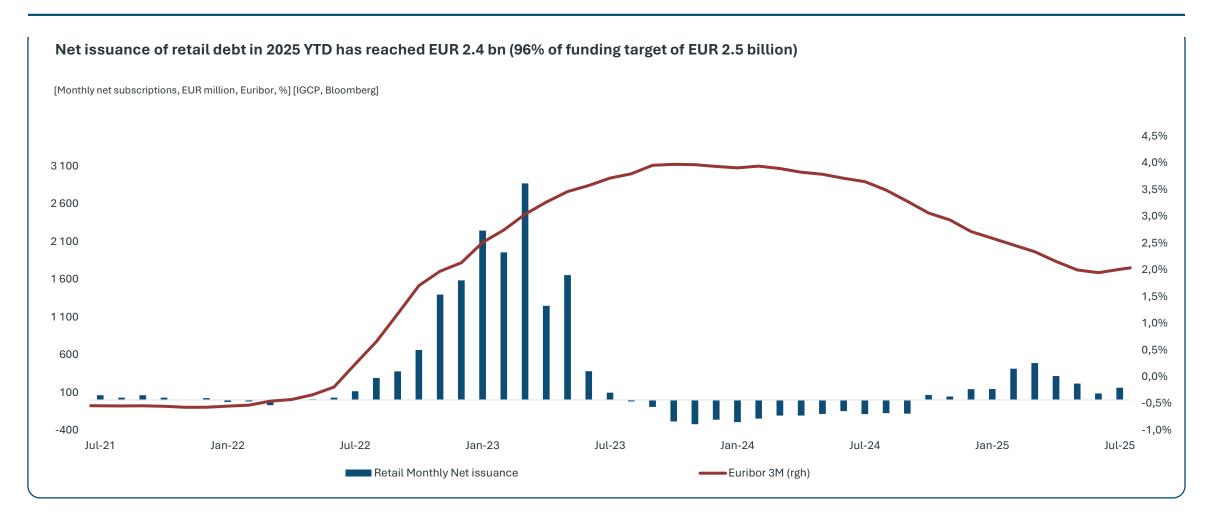
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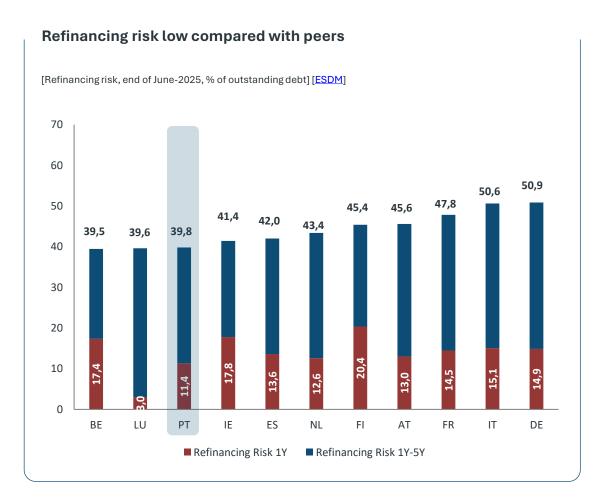
Smooth debt redemption profile

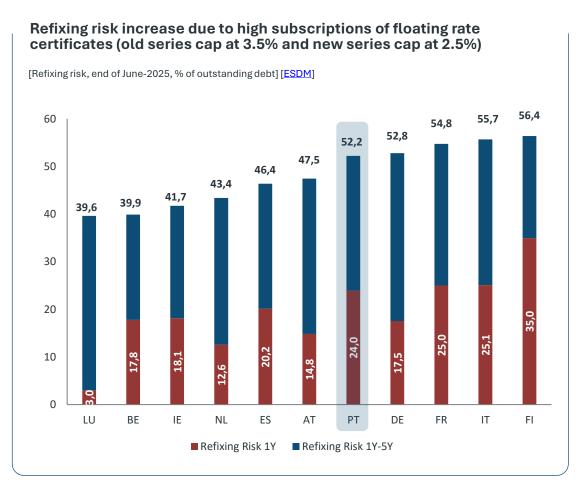


The net issuance of retail debt certificates has turned positive in recent months

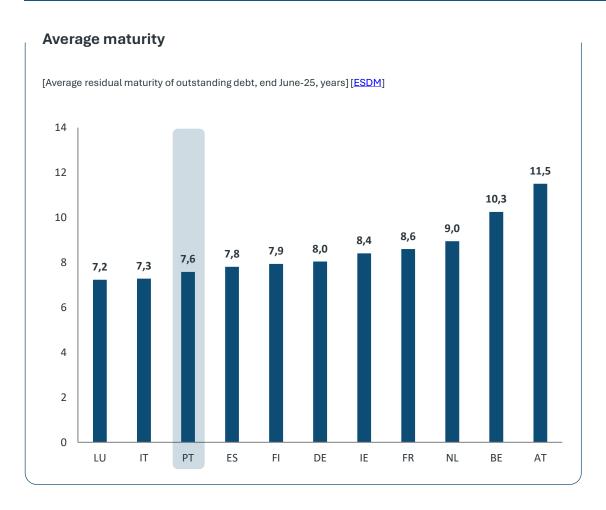


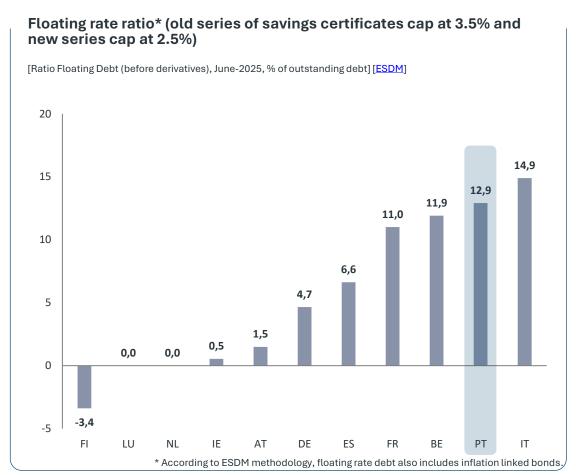
Limited refinancing and refixing risks



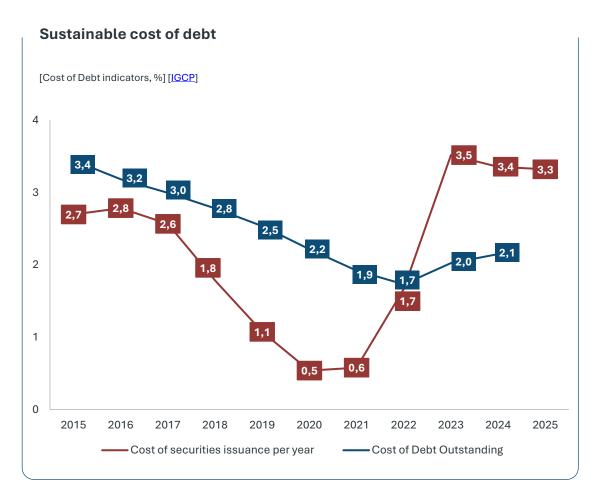


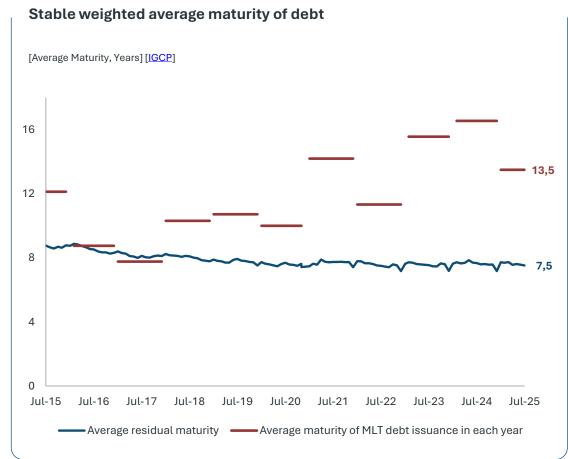
WAM expected to stay above 7 years





Affordability improved significantly with a stable average maturity





Consistent and predictable funding plan with retained flexibility

Net cash requirements of the State are projected to increase but PGB net issuance is stable in 2025

[Executed financing up to end-Jul; EUR billion] [IGCP, Ministry of Finance (State Budget 2025)]

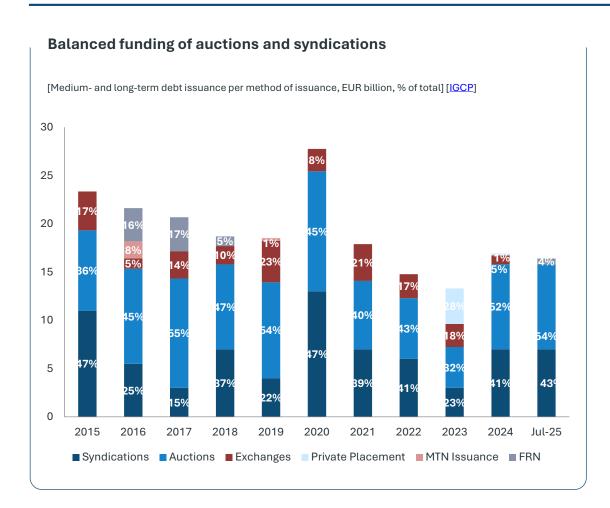
	2023	2024	2025 P
State borrowing requirements	19,8	19,6	33,0
Net financing needs	3,5	9,8	18,0
Overall deficit (a)	0,2	5,7	6,8
Net acquisitions of financial assets (b)	3,3	4,1	11,2
One-off operations			
MLT Redemptions	16,3	9,9	14,9
PGB (c)	13,6	7,4	12,4
MTN	1,1	2,4	
FRN/OTRV/Other MLT instruments			1,0
Official loans	1,5		1,5
State financing sources	19,8	19,6	33,0
Use of deposits	0,6	-0,6	-0,2
Financing in the year	19,1	20,3	33,2
Executed	19,1	20,3	20,5
EU	0,7	1,3	
PGB	9,4	15,3	14,7
MTN			
FRN/OTRV			0,6
Retail debt (net)	10,2	-0,6	2,4
Tbills (net)	-4,6	5,7	2,7
Other flows (net) (d)	3,4	-1,4	
To be executed			12,7
EU			0,5
PGB			5,7
MTN			
FRN/OTRV			
Retail debt (net)			0,8
Tbills (net)			1,8
Other flows (net) (d)			3,9
State Treasury cash position at year-end (e)	5,7	6,3	6,5

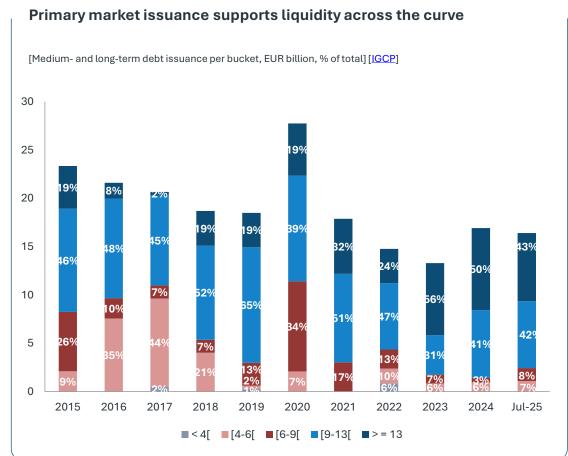
Funding needs and financing plan in 2025:

- ✓ The State's net financing needs are expected to reach EUR 18.0bn
- ✓ The medium- and long-term debt redemptions amount to EUR 14.9bn
- √ Issuance of:
 - PGBs: EUR 20.5bn
 - Retail Certificates (net): EUR 3.2bn
 - T-Bills (net): EUR 4.5bn
- ✓ Disbursements under the EU Next Generation loans: EUR 0.5bn
- ✓ Cash position at end of 2025: EUR 6.5bn
- ✓ Execution of PGBs (end-Jul): 72%

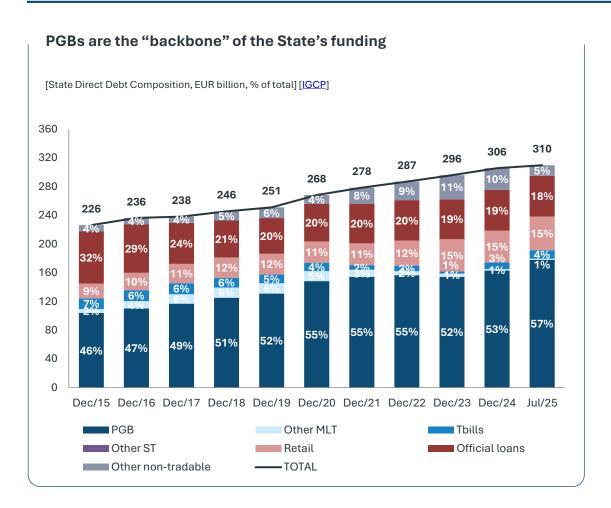
- b) Includes refinancing of other public entities (namely SOEs)
- c) Includes net impact of exchange offers
- d) Includes centralization of funds of other public entities in the Single Treasury Account
- e) Excludes cash-collateral.

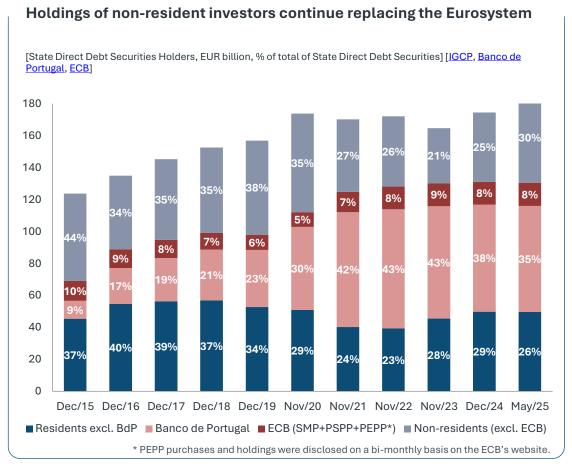
Regular and predictable issuance of MLT instruments



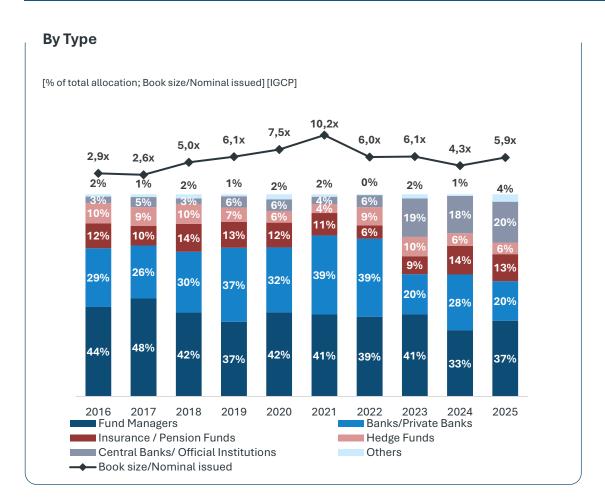


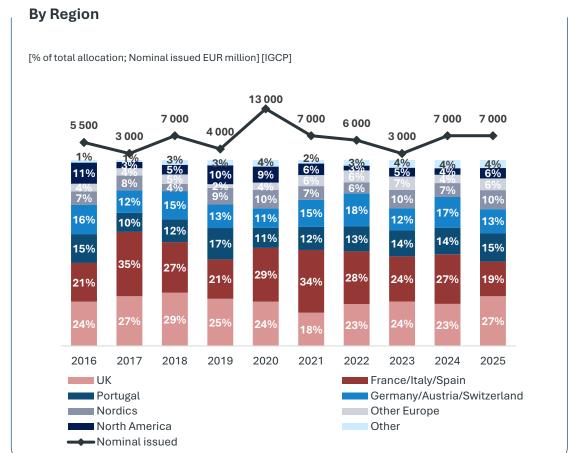
Debt breakdown points to diversification and stability



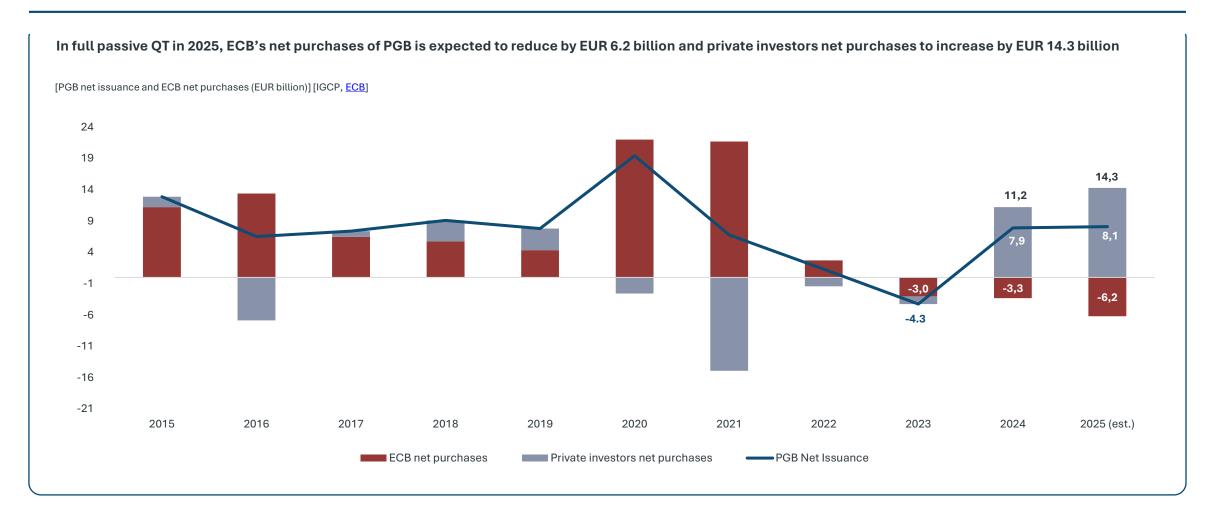


OT syndications with a diversified and stable investor base



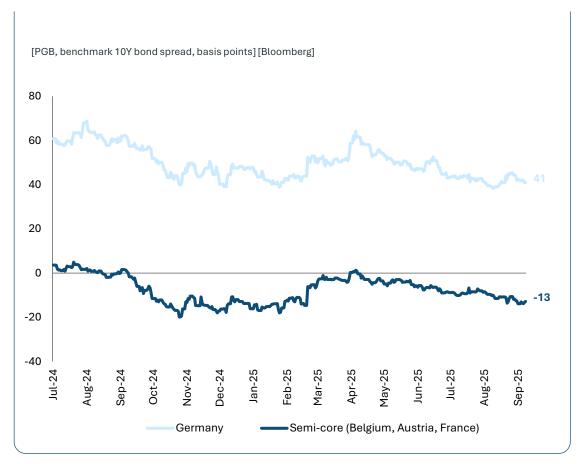


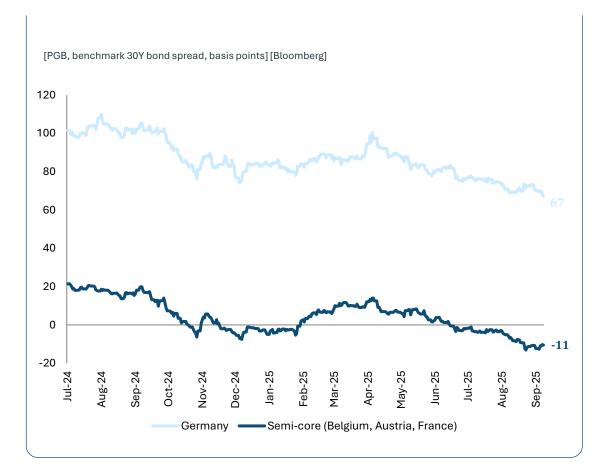
In 2025, net issuance of PGB remains stable at around EUR 8 billion



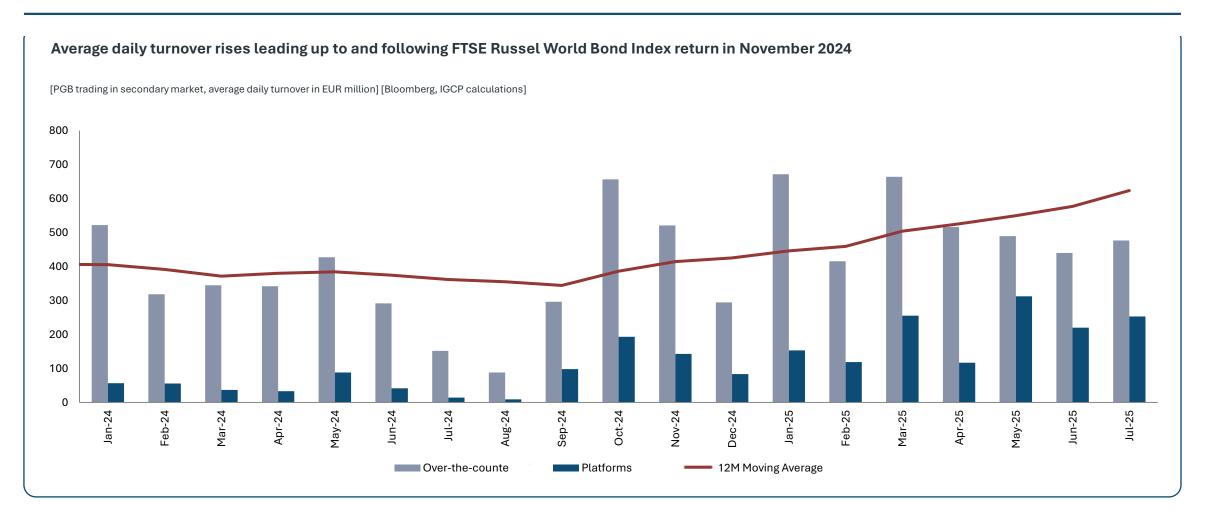
Portugal's convergence with the 'Semi-Core' group of countries

PGB spreads have compressed relative to peers

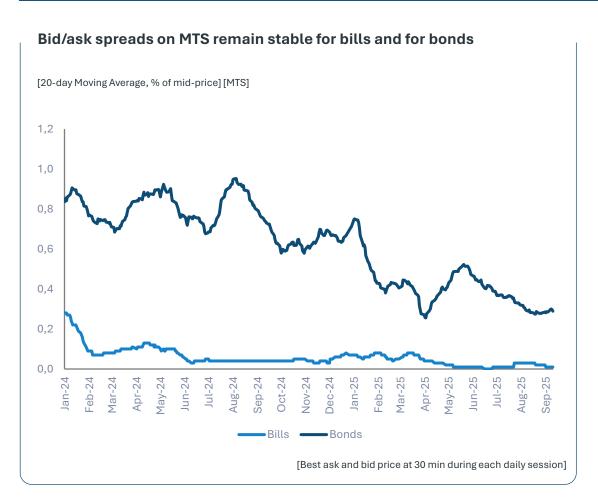


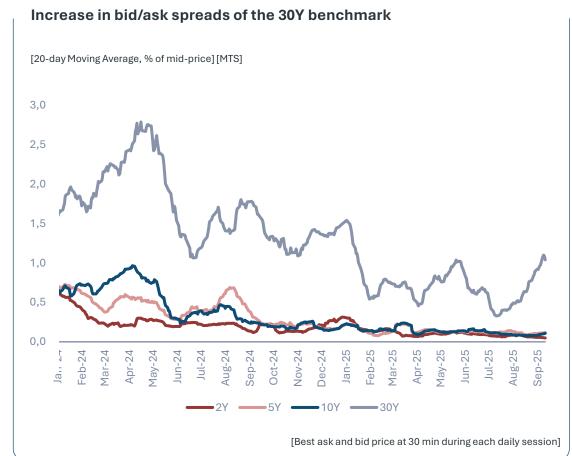


PGB liquidity momentum extends into 2025

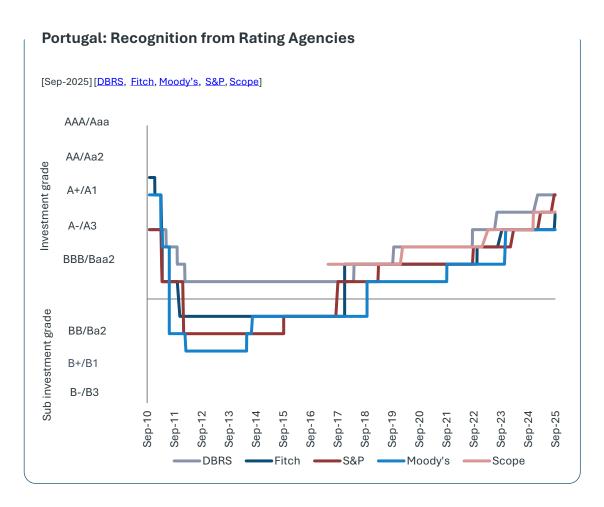


Secondary market liquidity on MTS





Portugal consolidates its position in the "A" rating category with recent upgrades by S&P and Fitch



Portugal: Credit Ratings

[Sep-2025][DBRS, Fitch, Moody's, S&P, Scope]

Rating Agency	Rating	Outlook	Last Rating Change Date	Last Review Date	Next Review Date
DBRS	A high	Stable	Jan. 2025	Jul. 2025	-
S&P	A +	Stable	Aug. 2025	Aug. 2025	-
Fitch	А	Stable	Sep. 2025	Sep. 2025	-
Moody's	А3	Stable	Nov. 2023	May 2025	14/Nov.
Scope	А	Stable	Nov. 2024	May 2025	31/Oct.



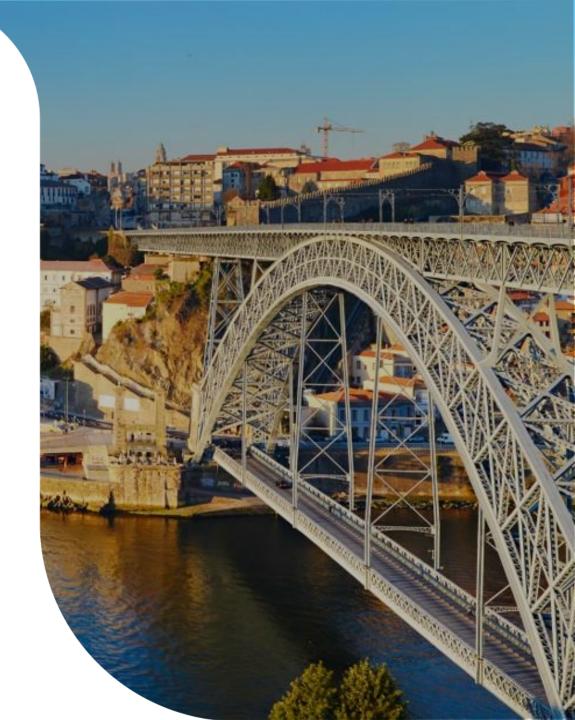
Thank You

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1. Executive Summary

• Portuguese economy in numbers

2. Macro Outlook

Latest developments and projections

3. Fiscal Outlook

• Fiscal balance and public debt – performance and forecasts

4. Debt Management and Funding Plan

• Risk indicators and market developments

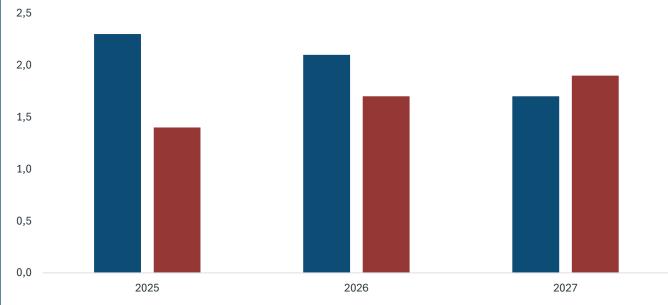
5. Annex



Portugal's exposure to the US and the potential impact of tariffs

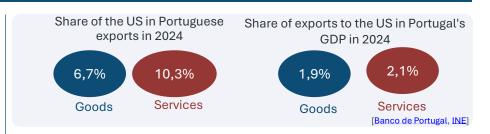
Impact of the tariff increase shock, along with increased uncertainty/reduced confidence, on Portuguese real GDP

[Real GDP, YoY, %] [Banco de Portugal (BdP), Economic Bulletin March 2025]



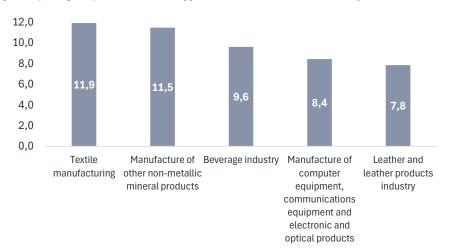
■ Real GDP Baseline scenario - March 2025 ■ Real GDP Scenario with tariffs and uncertainty

Exercise: a 25pp increase in tariffs imposed by the US, particularly on goods imported from the European Union (EU), accompanied by retaliation of equal magnitude by the affected countries. This tariff increase could result in a cumulative contraction of the euro area GDP between 0.5% and 0.7% after three years, with a more significant impact in the first year. The results obtained for Portugal are similar for the Euro Area, showing a reduction in GDP of around 0.7% after three years, with a greater concentration in the first year. In addition to the direct effect of tariffs on economic activity in Portugal, an additional shock of uncertainty and confidence was considered, with a negative impact on private consumption and investment. The overall impact of the shocks considered points to a cumulative reduction in GDP of around 1.1% at the end of three years, with the effects concentrated in the first two years.





[% of exporting companies in the sector] [BdP, Economic Bulletin March 2025]



Manufacturing companies that export to the US. High exposure – goods exports to the US account for more than 10% of total sales value. In 2023, the exports of high-exposure companies represented, respectively, 76%, 82%, 34%, 75%, and 69% of the total exports to the US in each of the five represented sectors.

Foreign Direct Investment attractiveness

BUSINESS ENVIRONMENT

Strategic location, solid infrastructure, political stability and a growing economy







Political Stability and Absence #19/214 of Violence/Terrorism 2022

[AICEP, Portugal FactSheet October 2024 and Why invest in Portugal]

TALENT

Highly qualified human resources: high share of tertiary education in new generations; known for strong language skills and adaptability







[AICEP, Portugal FactSheet October 2024 and Why invest in Portugal]

DIGITAL TRANSFORMATION

Strong tech infrastructure and innovation makes Portugal a hub for international companies and

R&D INTENSITY 2022 (1.7% OF GDP) R&D expenditure as a % of GDP #12/EU27

Digital Economy and Society Index 2022 #15/EU27



In 2023, Lisbon was considered the 1st European Capital of Innovation and the #8 Startup Hub in Europe.

Sources: European Innovation Council, 2023 and Startup Heatmap Europe, 2024

[AICEP, Portugal FactSheet October 2024 and Why invest in Portugal]

ENVIRONMENTAL SUSTAINABILITY

Sustainability is a cornerstone of future growth. Portugal leads in renewable energy and is becoming a hub for green innovation

2024 **CLIMATE CHANGE** PERFORMANCE INDEX (WORLDWIDE) #13/67

2023 **GREEN FUTURE** INDEX (MIT) #18/76

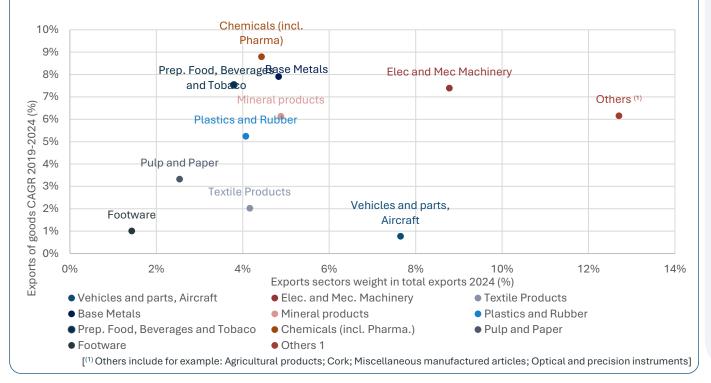
2022 Rank on the global role to Planet & Climate domain (Good Country Index) #22/169

[AICEP, Portugal FactSheet October 2024 and Why invest in Portugal]

Portuguese exports have proven to be competitive, diversified and dynamic

Advanced engineering (electrical & machinery) and Automotive & Mobility are two of the main exporting sectors

[Main exports by product groups as % of total exports 2024; Compound annual growth rate 2019-2024, %] [Statistics Portugal, Banco de Portugal]



- ✓ Chemicals (inc. Pharma) showing stronger growth (8.8% cagr)
 and already an exports' weight of 4.4%
- ✓ Electrical and mechanical machinery has heavier weight in total exports (8.8%) and still is demonstrating steady growth (7.4% cagr)
- ✓ Vehicles and parts & aircraft has significant weight of total exports (7.6%) but has presented slow growth (0.8% between 2019 and 2024) due to the combined effects of the Pandemic, supply chain disruptions, rising production costs and green transition

Automotive and Mobility sector is an important industrial value chain in Portugal

80% of production in the automotive industry in Portugal is exported

[AICEP, Automotive and Mobility Industry Report 2024]

Automotive and mobility industry in figures | 2021



58.189 Employees

▲ 4,5%¹ (2015-2021)



€12,4B Turnover

▲ 6,5%¹ (2015-2021)



€2,2B Gross Value Added

▲ 5,7%¹ (2015-2021)

Main export indicators¹

€14,8B
Exports of automotive¹
and mobility products,

▲3,8%

CAGR² 2018-22 of automotive and mobilit industry exports 19%

Weight of automotive and mobility exports in total Portuguese exports of goods, 2022

[1 Compound annual growth rate]

- ✓ Automotive & Mobility turnover accounts for 12.1% of the manufacturing industry in Portugal
- √ 95% of the vehicles assembled in Europe have components produced in Portugal
- ✓ In 2021, Portugal was the main producer of bicycles in Europe
- ✓ The growing importance of the two-wheeler industry is observed in the increase of its turnover (27%) and GVA (16%) between 2015 and 2021
- ✓ Sector exported €14.8bn of products in 2022, with growth rate of 3.8% since 2019 and a weight of 19% in total exports

Internationally renowned Renewable Energy sector

Green location, openess to innovation, safe country, highly skilled workforce, strong R&D in Renewables and energy market connectivity are some FDI attractiveness factos in sector

[AICEP, Renewable Energy Report 2024]



[2 Compound annual growth rate]

- ✓ Portugal is at the EU forefront in development of green energy sources. Fourth largest share of Renewables in electricity production within the EU (61% in 2023)
- ✓ Renewable Energy sector accounted for 76.897 ⁽¹⁾ direct and indirect jobs in 2022, demonstrating its importance in developing complementary industries (steel, metal etc.)
- ✓ Portugal expects €60bn of investment in new Renewables projects until 2030 ⁽²⁾
- ✓ Important role in the production of components for renewables, having attracted relevant international players in the sector
- ✓ Europe's largest solar farm being built, covering over 100 acres and ranking #5 in the World
 - [(1) Estimate by the Portuguese Renewable Energy Association (APREN)
 - (2) According to the Portuguese Government]

Leading in the incorporation of Renewables in electricity production

Recognition from investment in emerging Energy sources and innovative engineering solutions

[AICEP, Renewable Energy Report 2024]

Portugal's Renewables main achievements

32% Share of Renewables on gross final energy consumption (DGEG),

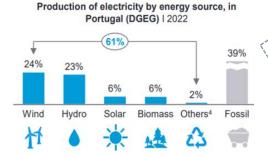
▲12,3%

Reduction of the Portuguese energy dependency (DGEG), 2011-21. 61%

Share of electricity from renewable sources in total annual production (DGEG), 2022

22nd

Ranking on role to Planet & Climate (out of 169 countries) (Good Country Index) | 2022



- √ #4/EU27 share of energy from renewable sources in gross electricity consumption (2022)
- √ #6/EU27 share of energy from renewable sources in gross final energy consumption (2022)
- √ #13/67 Climate change performing Index 2024
- √ #16/167 Overall sustainability performance (SDG achievement 2024 SDR)
- \checkmark First floating offshore wind farm in Europe (project WindFloat Atlantic)
- ✓ First Iberian hybrid parks (solar + wind) EDP Renewables in Sabugal
- ✓ Largest European floating solar project in a reservoir (12.000 floating solar panels in Alqueva)
- ✓ Innovative projects in wave/tidal (WaveRoller in Peniche; Wave Centre in Pico Island of Azores)
- ✓ Re-using coal plants for the green hydrogen (€150M to adapt the former Sines' coal-fired plant as a 100 MW hydrogen production hub)

Innovative ecosystem in the Health industry sector (Pharma & biotech, Medical Devices and E-health)

Health industry exports more than 50% of its production

[AICEP, Health industry Report 2024]

The health industry in figures | 2021 Source: Statistics Portugal 1.708 Companies ▲ 5,3%¹ (2017-2021) 17.369 **Employees** ▲ 4,8%¹ (2017-2021) €879M Gross Value Added ▲ 7,6%¹ (2017-2021) €2,2B Turnover ▲ 6,6%¹ (2017-2021) Main export indicators8 3% **▲** 16.6%

- ✓ Portugal was 5th/82 countries in the number of health researchers per million inhabitants (2022)
- ✓ The pharma & biotech industry is growing at a fast pace (7% turnover CAGR1)
- ✓ While medical devices subsector has the largest number of companies, pharma & biotech subsector surpasses in turnover and GVA
- ✓ Sector exported €2.5bn of health products in 2022, with a growth rate of 16.6% since 2018 (CAGR)

[1 Compound annual growth rate 2017-2021]