

PORTUGAL

ECONOMIC RESILIENCY AND DELEVERAGING

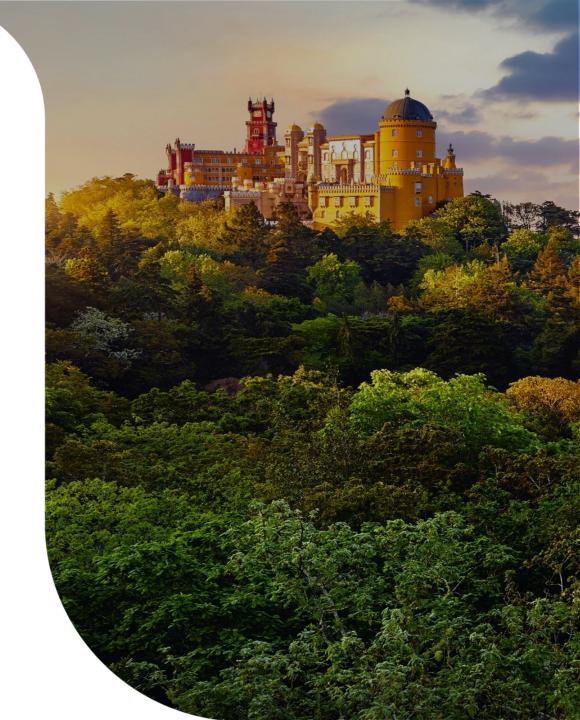
APRIL 2025

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Executive Summary

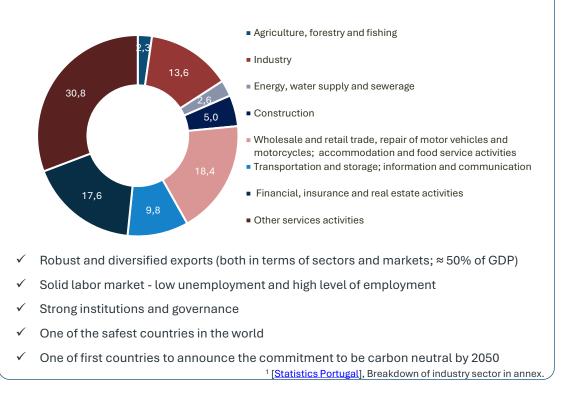
- Real GDP grew by 1.9% in 2024 and is projected to grow 2.0% yearly on average between 2025-27⁽¹⁾, above most European peers
- With a **diversified and open economy**, the main engines of growth are Private Consumption and Exports (both, net of import content) with contributions of + 0.9 p.p. and +0.8 p.p., respectively ⁽²⁾
- Manufacturing (mechanical & electronics, chemicals & plastics, automotive & mobility, textiles & clothing and renewables) but also Travel and tourism fuel the exports sector (almost 50% of GDP; 60/40 between goods and services), contributing to an increasing current and capital account surplus (4.3%⁽¹⁾ of GDP)
- **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, 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 in the entire economy
- Banking sector profitability increased considerably, with improvement in asset quality and rise of net interest margins
- **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 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 | Positive by S&P, A- | Positive by Fitch, A (high) | Stable by DBRS, and A | Stable by Scope, acknowledging a solid and improving economic outlook

Annual average growth rate between 2025-2027 [Banco de Portugal, Economic Bulletin, March 2025]
 Averge contribution of components (net of import content) to average growth between 2025-2027 [Banco de Portugal, Economic Bulletin, March 2025].

Portuguese economy snapshot

| | | 2024 |
|---|-------------------------------------|--|
| - | Area (sq. km '000) | 92.2 |
| ኯ፟፟፟፟፟፟ቑ፟ኯ፟ <mark>፟ቒ፟ኯ፟፟፟፟፟</mark> ፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟ | Resident population (number) | 10 639 726 (2023) |
| € | GDP real growth rate (%) | 1.9% |
| | GDP per capita (current prices, €) | 26.697 |
| Solution | Savings rate (Disposable income %) | 12.2% |
| ₽ ● | Unemployment rate (%) | 6.4% |
| ΔΤΔ | General Government balance (GDP %) | 0.7% |
| ~~ | Public Debt (GDP %) | 94.9% |
| | Current and Capital account (GDP %) | 3.3% |
| \bigtriangledown | Inflation (annual average) | 2.7% |
| | [Statistics Portug | gal, Banco de Portugal, <u>Eurostat]</u> |

Open and diversified economy within Euro Area ✓ Strong growth fundamentals and diversified economic activity¹ GVA decomposition by sector of activity, 2024, current prices, % of total



1. Executive Summary

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2. Macro Outlook

• Latest developments and projections

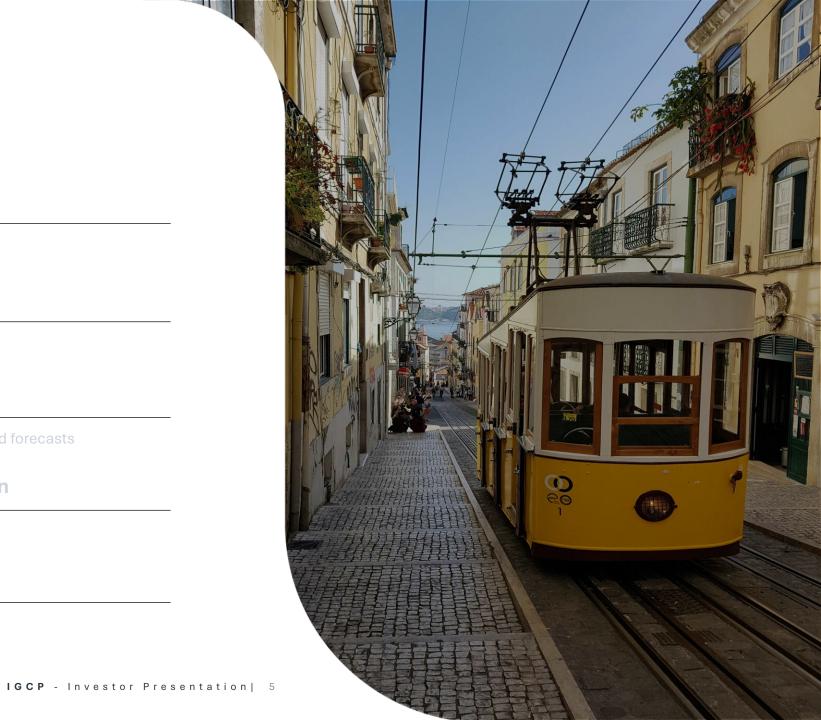
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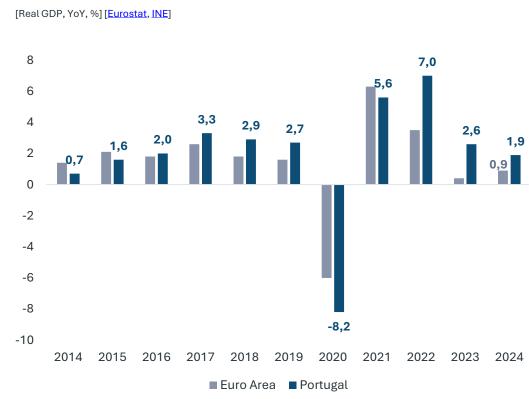
5. Annex

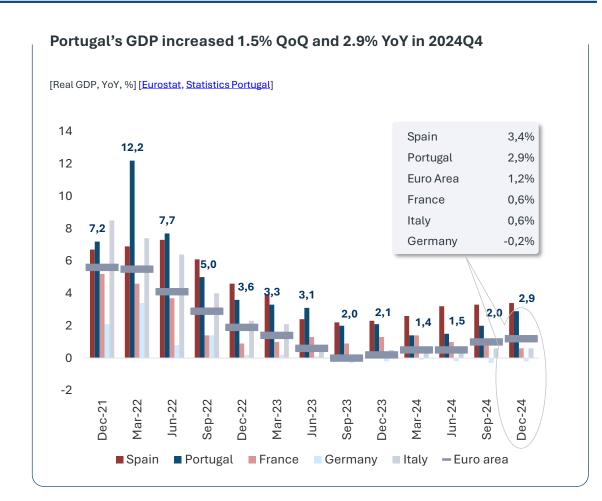


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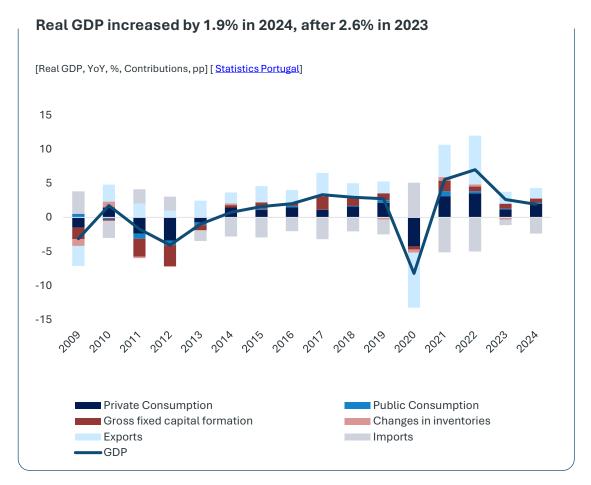
Portugal's GDP faster QoQ growth in Q4, among the EA's economies, leads to a strong carry-over effect into 2025

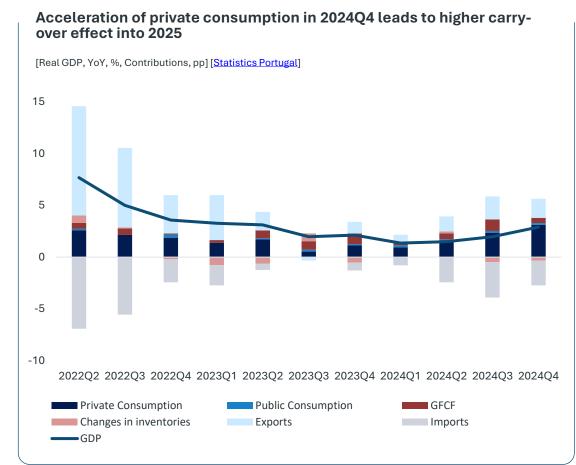




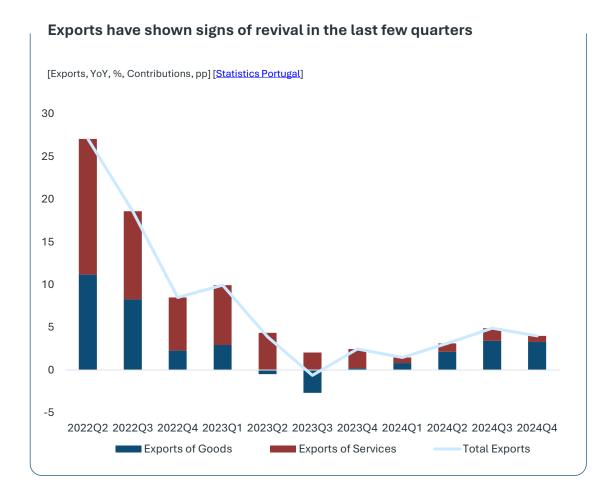


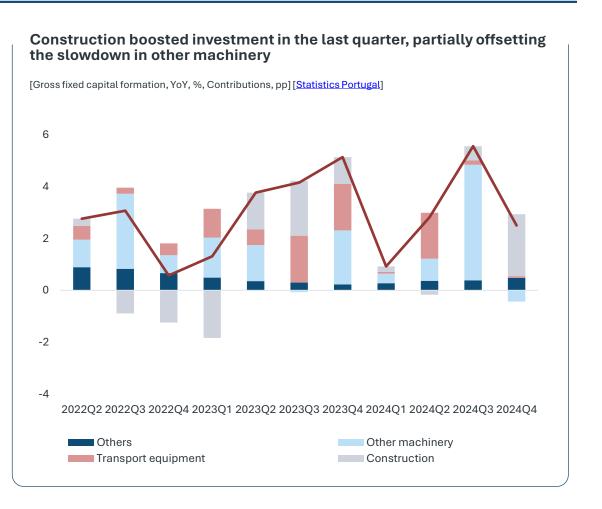
Portuguese economy continues to grow at solid levels



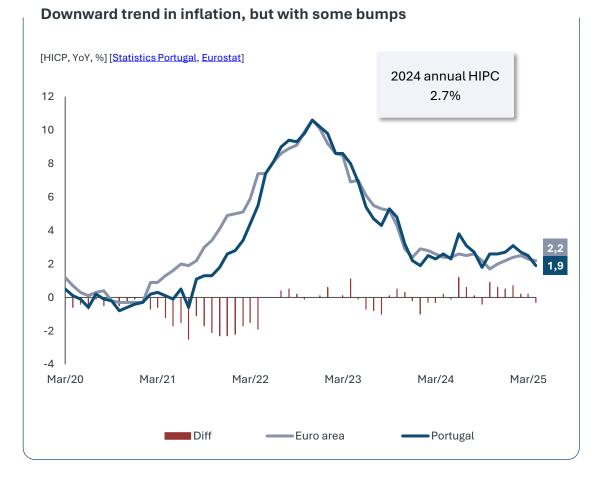


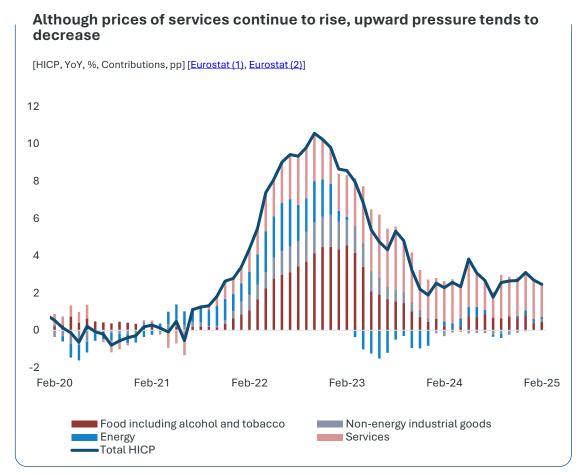
Exports show resilience and investment continues to grow despite the volatility





Convergence of inflation to the 2% target accelerates





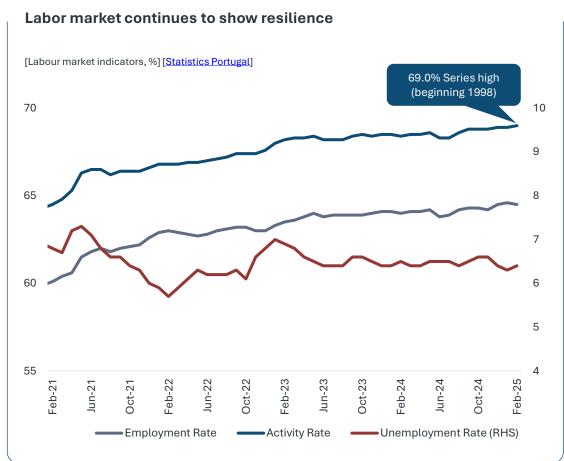
| Macroeconomic projections for Portugal | Statistics Portugal | | | Ministry of Finance 2025 State Budget | IMF WEO October 2024 | | | Banco de Portugal Economic Bulletin March 2025 | | | European Commission Economic Forecast November 2024 | |
|---|---------------------|------|------|--|----------------------------|--------|--------|--|--------|--------|--|--------|
| | 2022 | 2023 | 2024 | 2025 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 | 2.3 | 2.0 | 1.9 | 2.3 | 2.1 | 1.7 | 1.9 | 2.1 |
| Private Consumption (yoy %) | 5.6 | 1.9 | 3.2 | 2.0 | | | | 2.8 | 1.8 | 1.8 | 2.1 | 2.2 |
| Public Consumption (yoy %) | 1.7 | 0.6 | 1.1 | 1.2 | | | | 1.1 | 0.8 | 0.4 | 1.3 | 1.7 |
| Gross Fixed Capital Formation (yoy %) | 3.3 | 3.7 | 2.9 | 3.5 | | | | 3.9 | 4.4 | 0.1 | 3.7 | 4.2 |
| xports of goods and services (yoy %) | 17.2 | 3.8 | 3.4 | 3.5 | 3.1 | 2.4 | 2.0 | 2.7 | 2.9 | 3.0 | 3.0 | 3.2 |
| mports of goods and services (yoy %) | 11.3 | 1.8 | 5.0 | 3.5 | 3.3 | 3.0 | 2.7 | 2.8 | 3.0 | 2.0 | 4.1 | 4.1 |
| Domestic demand contribution (pp GDP growth) | 4.8 | 1.7 | 2.7 | 2.1 | | | | 2.3 | 2.2 | 1.2 | 2.3 | 2.5 |
| Net exports contribution (pp GDP growth) | 2.1 | 0.9 | -0.8 | 0.0 | | | | | | | -0.5 | -0.4 |
| mployment growth (yoy %) | 3.7 | 1.0 | 1.6 | 0.7 | | | | 1.3 | 0.7 | 0.4 | 0.9 | 0.8 |
| Jnemployment rate (% labor force) | 6.1 | 6.5 | 6.4 | 6.5 | 6.4 | 6.3 | 6.2 | 6.4 | 6.4 | 6.4 | 6.3 | 6.2 |
| let lending/borrowing of the economy (% GDP) | -1.3 | 1.7 | 2.9 | 3.6 | | | | | | | 2.1 | 1.8 |
| Current account balance (% GDP) | -2.0 | 0.6 | 2.2 | 0.7 | 2.3 | 2.2 | 1.8 | | | | 0.6 | 0.4 |
| GDP deflator (yoy %) | 5.3 | 7.0 | 4.4 | 2.6 | 2.4 | 1.9 | 1.9 | 2.9 | 2.5 | 2.3 | 2.5 | 2.2 |
| nflation (HICP, yoy %) | 8.1 | 5.3 | 2.7 | 2.3 | 2.1 | 2.0 | 2.0 | 2.3 | 2.0 | 2.0 | 2.1 | 1.9 |

Previous

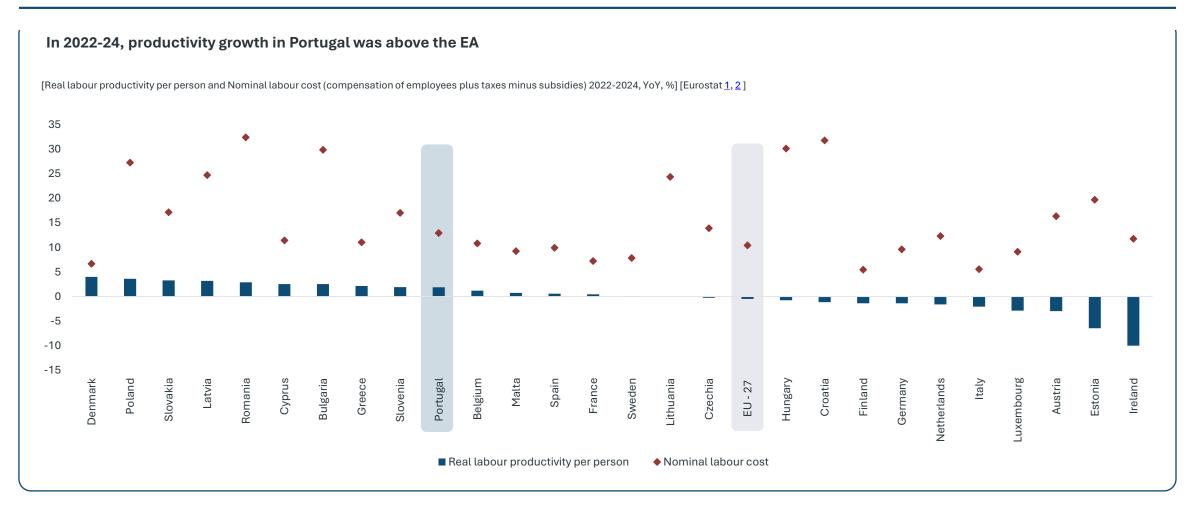
Latest developments and projections

Labor market remains robust, despite high levels of uncertainty



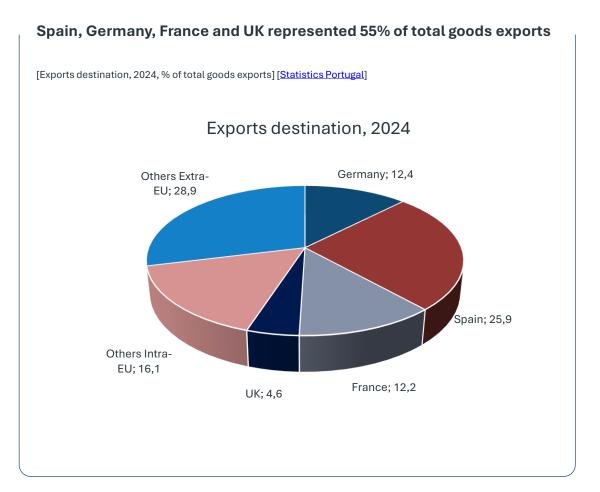


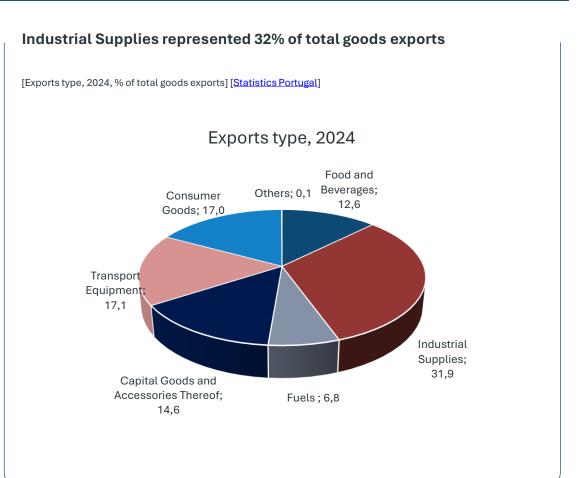
Portugal among the top 10 countries with higher real productivity growth in 2022-24



Latest developments and projections

Goods exports benefit from diversified base of destinations and product type



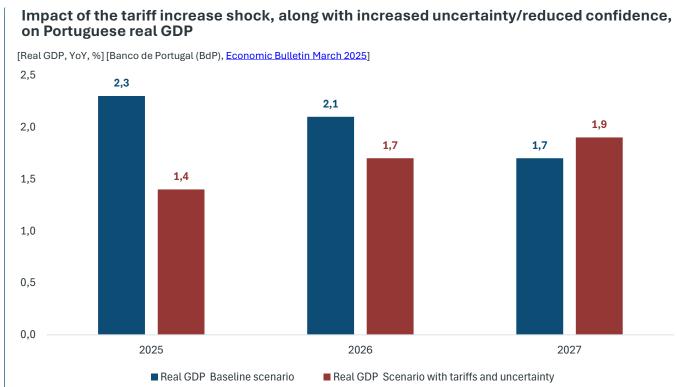


Portuguese exports have proven to be diversified

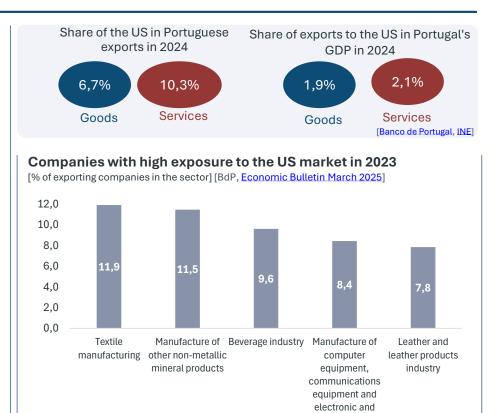
[Main exports by product groups and services as % of total exports, 2024] [Statistics Portugal; Banco de Portugal]

| GOODS | MAIN EXPORTS 2024 | SERVICES |
|--|--|---|
| ✓ Export of goods (~60% of exports total) key sectors include automotive components, textiles, footwear, cork, and agrifood products | TRAVEL20.8%ELEC. AND MECHANICAL MACHINERY8.9%TRANSPORT7.9% | ✓ Tourism accounts for around 20% of exports total |
| Of which: Vehicles other than railway, and parts and accessories thereof 7.2% | VEHICLES AND PARTS, AIRCRAFT OTHER SERVICES PROVIDED BY COMPANIES (1) BASE METALS 4.9% | Of which: Air transport services 4.8% Other means of transport 1.9% |
| Aircraft, spacecraft and parts thereof 0.3% | TEXTILE PRODUCTS4.2%PLASTICS, RUBBERS4.1%CHEMICAL PRODUCTS (INCL. PHARMA)4.5%MINISPAL PRODUCTS4.2% | Of which: Trade related services 5.2% Consulting convices 1.0% |
| Of which: Pharma 2.6% | MINERAL PRODUCTS 4.9% TELECOMMUNICATION, COMPUTER & INFORMATION SERVICES 3.5% | Consulting services1.9%R&D0.5% |
| | (1) Research & Development services; Consulting services in management and other technical areas; Technical services, trade-related and other services provided by companies | Note: More information on dinamic exporting sectors in annex |

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



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.

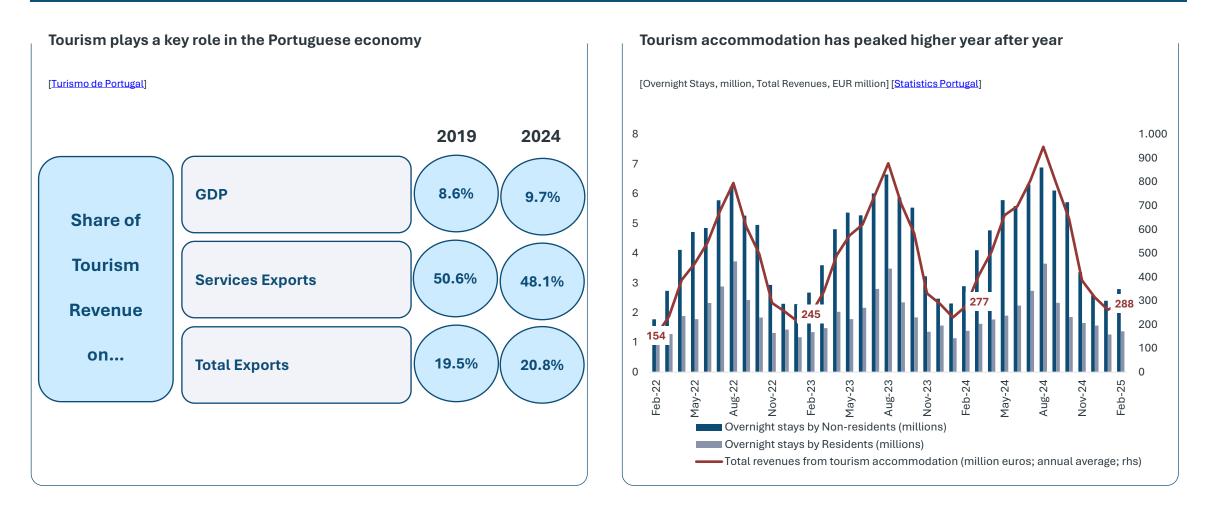


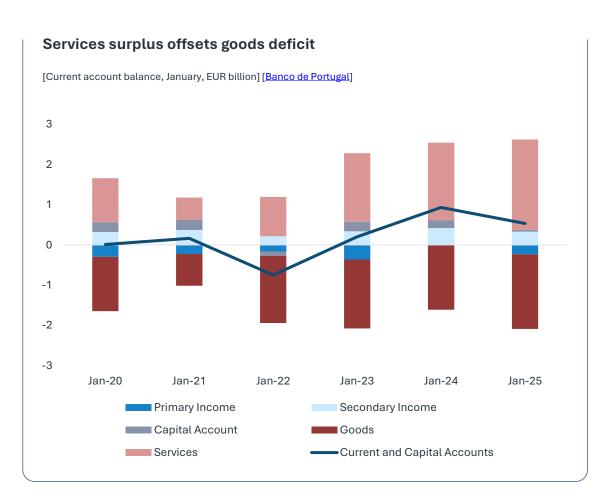
Manufacturing companies that export to the US. High exposure - goods exports to the US account for more than 10% of total sales value. In 2023, the exports of high-exposure companies represented, respectively, 76%, 82%, 34%, 75%, and 69% of the total exports to the US in each of the five represented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

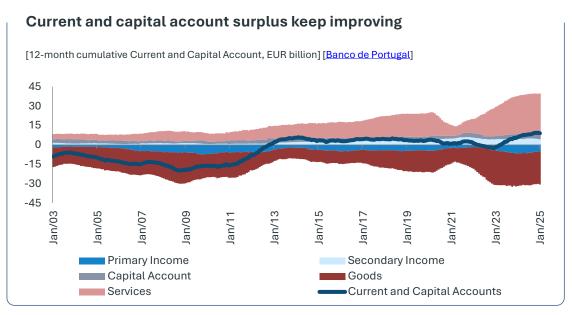
optical products

Latest developments and projections

Tourism activity well above pre-pandemic levels, both by resident and non-resident tourists







Current account surplus is forecast to continue

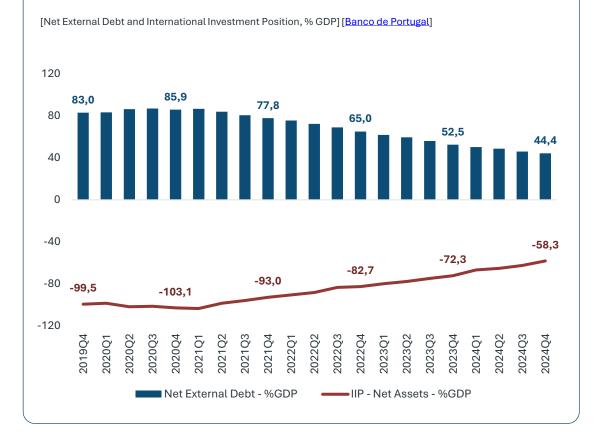
[IMF (World Economic Outlook, October 2024)]

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|-------------------------|------|------|------|------|------|------|
| Current Account (% GDP) | 2.0% | 2.3% | 2.2% | 1.8% | 1.5% | 1.5% |

Previous

level since 2005

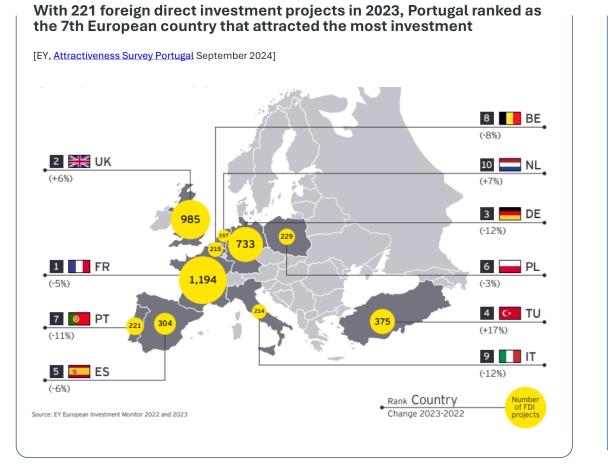
Portugal is improving its external position, confirming the positive structural change



Net external debt has maintained a downward trend, reaching the lowest



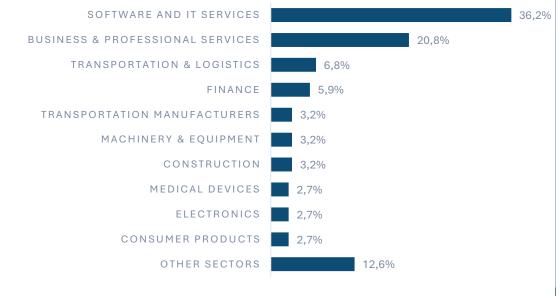
In 2023, Portugal was in the Top-10 host European countries for FDI projects



More than 56% of the FDI projects in 2023 were in Software and IT Services and Business and Professional Services

[EY, Attractiveness Survey Portugal September 2024]

Main Sectors



Foreign Direct Investment attractiveness



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 startups 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 Sume: Eurostat 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]

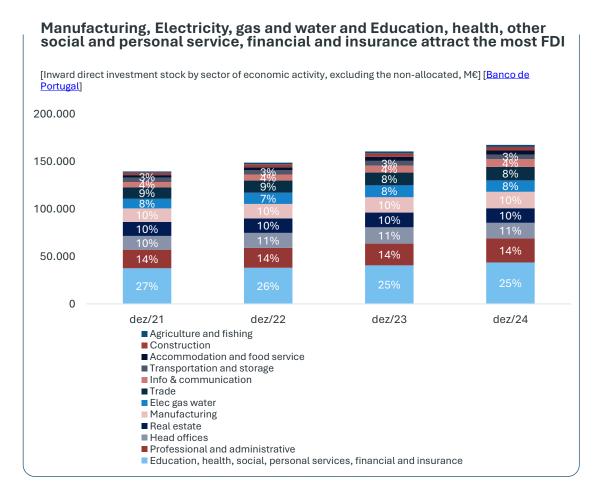
ENVIRONMENTAL SUSTAINABILITY

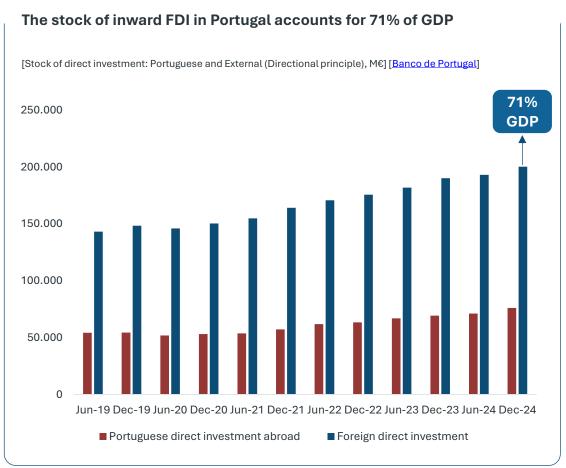
Sustainability is a cornerstone of future growth. Portugal leads in renewable energy and is becoming a hub for green innovation

| 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 |
|---|---|---|
|---|---|---|

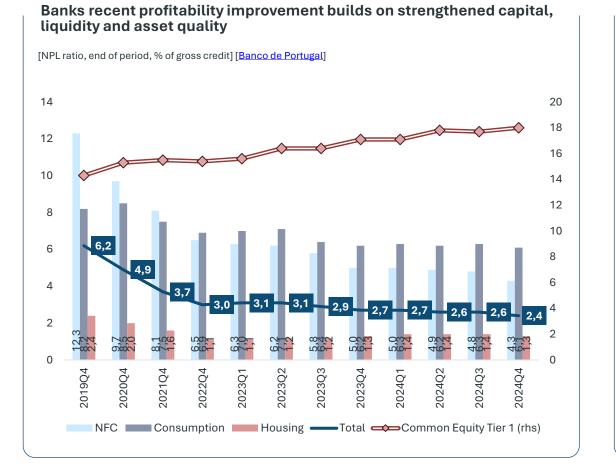
[AICEP, Portugal FactSheet October 2024 and Why invest in Portugal]

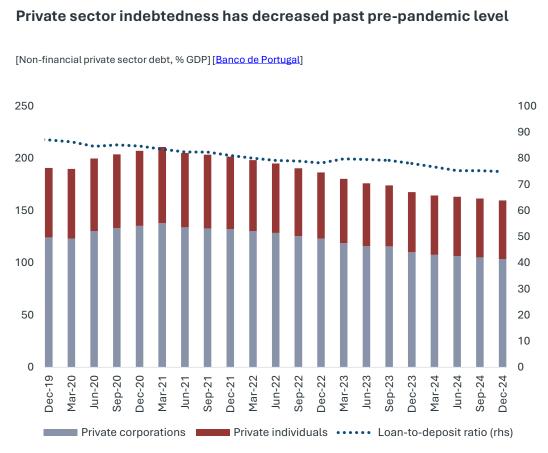
Inward FDI flows growing in various sectors





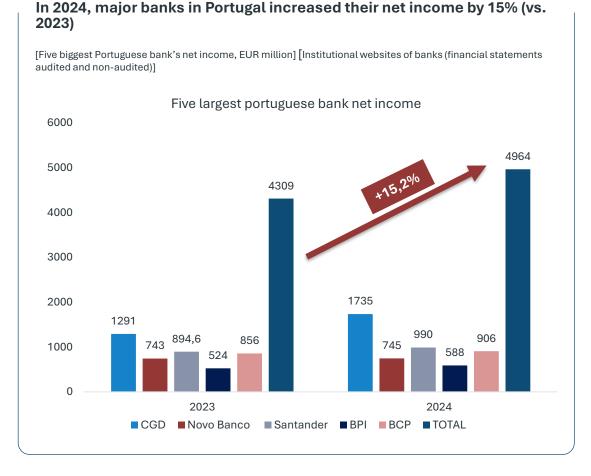
Stronger banking sector and deleveraging in the private sector

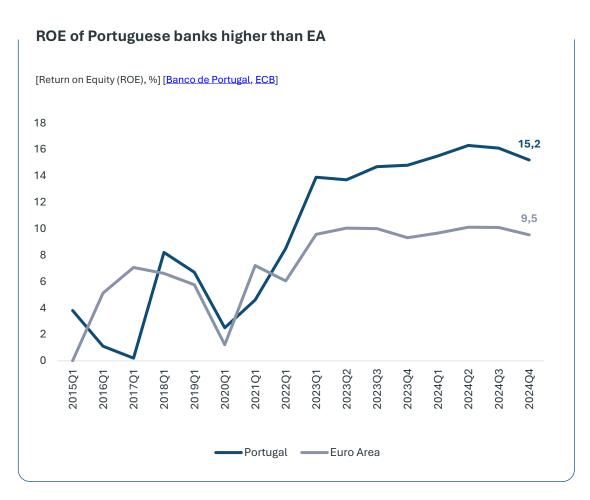




Latest developments and projections

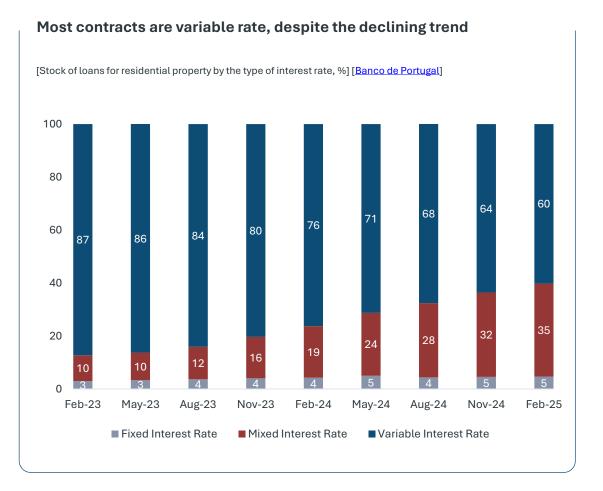
Recovery of net interest income pulled up profits of the banking sector

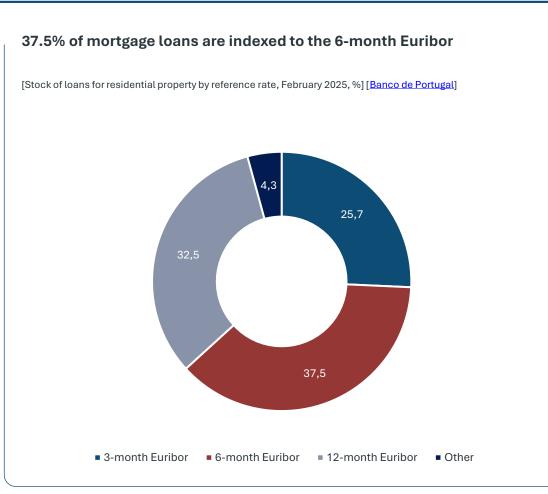




Latest developments and projections

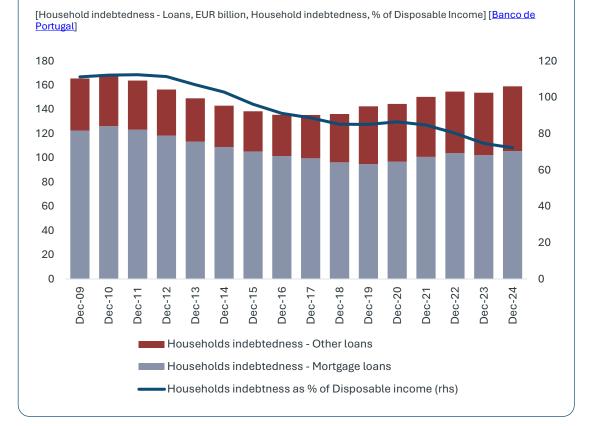
Most residential property loans in Portugal are indexed to Euribor





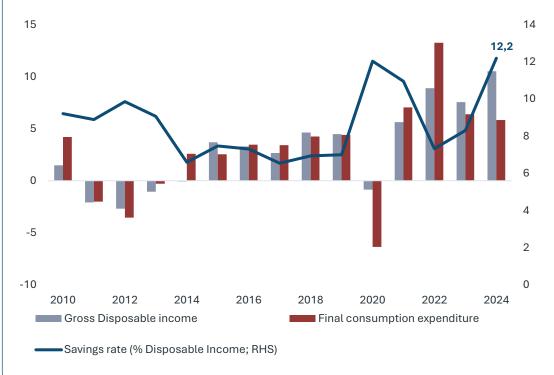
Household debt stays below its long-run average

The financial situation of households remains resilient

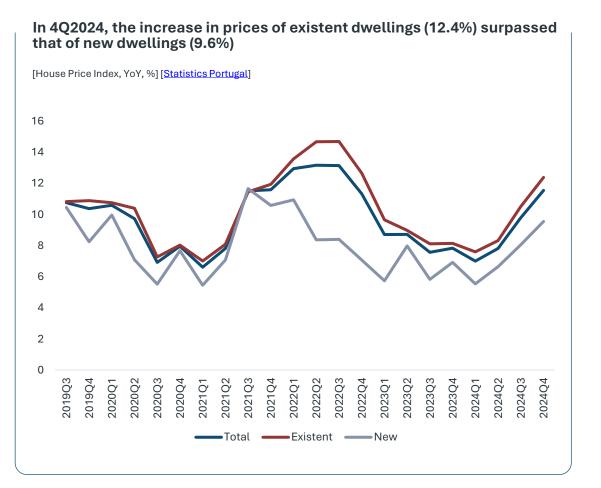


Savings rate continued to increase in 2024

[Gross Disposable Income and Final consumption expenditure, YoY, %, Savings rate, % Disposable Income] [Statistics Portugal]



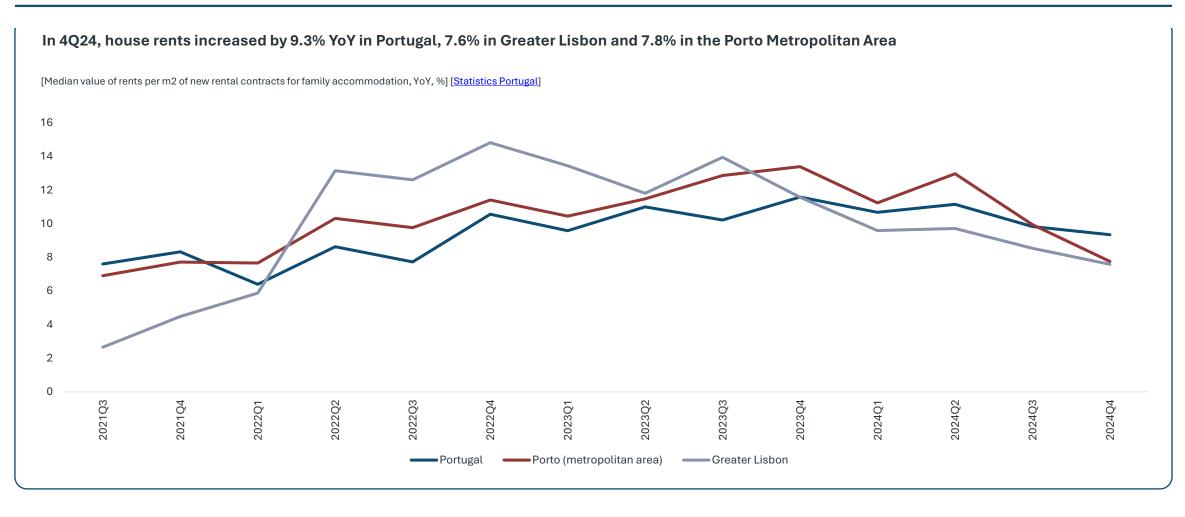
Housing prices grow steadily, with number of transactions recovering





Latest developments and projections

House rents continue to grow strongly



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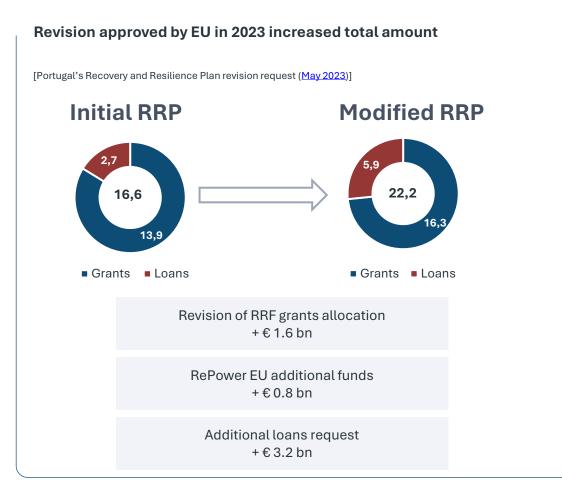
- Fiscal balance and public debt performance and forecasts
- 4. Debt Management and Funding Plan
- Risk indicators and market developments

5. Annex



Fiscal balance and public debt – performance and forecasts

Adjustments to the Recovery and Resilience Plan

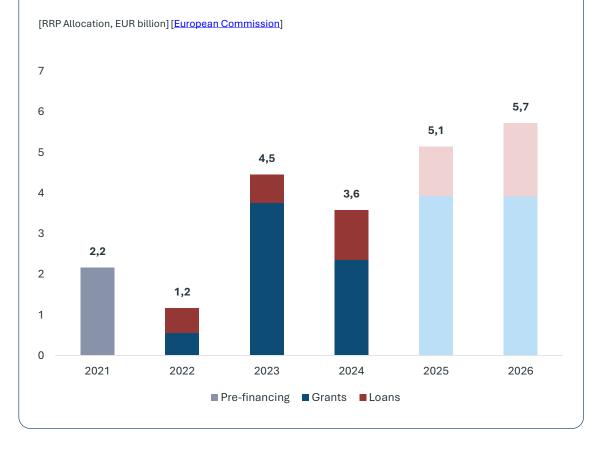


Addendum proposal in 2025 seeks to adjust milestones and targets but keeps the maximum allocation amount

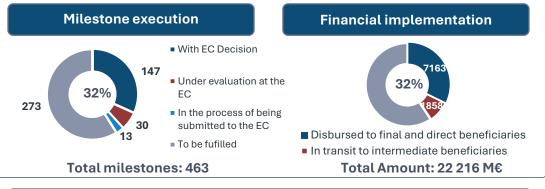
| CURRENT | | | REVIEW | ADJUST. |
|------------------------|------|---|------------------------|------------------------|
| SILIENCE 1.689 M € | C01. | National Health Service | 2.025 M € | + 336 M € |
| 1.009 M € 3.226 M € | C01. | | 2.835 M € | + 330 M € - 391 M € |
| 3.226 M € 1.045 M € | C02. | Housing Social Responses | 2.835 M € 1.127 M € | -391 M € +81 M € |
| 1.045 M € | C03. | Culture | 346 M € | + 27 M € |
| 4.911 M € | C04. | Investment and Innovation | 5.345 M € | + 27 M € + 434 M € |
| 4.911 M € 1.959 M € | C05. | Qualification and Skills | 5.345 M € | + 434 M € - 21 M € |
| 790 M € | C07. | Infrastructure | 790 M € | 0 M€ |
| 615 M € | C08. | Forests | 615 M € | 0 M € |
| 461 M € | C09. | Water Management | 236 M € | - 224 M € |
| 15.017 M € | | mater management | 15.257 M € | + 240 M € |
| | | | | |
| IMATE | | | | |
| 389 M € | C10. | Sea | 390 M € | 0 M € |
| 737 M € | C11. | Decarbonisation of Industry | 737 M € | 0 M € |
| 145 M € | C12. | Bioeconomy | 175 M € | + 30 M € |
| 610 M € | C13. | Energy Efficiency in Buildings | 622 M € | + 12 M € |
| 406 M € | C14. | Hydrogen and Renewables | 446 M € | + 40 M € |
| 1.262 M € | C15. | Sustainable Mobility | 847 M € | - 416 M € |
| 855 M € | C21. | REPowerEU | 970 M € | +115M€ |
| 4.405 M € | | | 4.187 M € | - 219 M € |
| GITAL | | | | |
| GITAL 763 M € | C16. | Enterprises 4.0 | 724 M € | - 39 M € |
| | | | | |
| 406 M € | C17. | Quality and Sustainability of Public Finances | 406 M € | 0 M € |
| 267 M € | C18. | Economic Justice and Business Environment | 267 M € | 0 M € |
| 684 M € | C19. | Digital Public Administration | 702 M € | + 18 M € |
| 674 M € | C20. | Digital School | 674 M € | 0 M € |
| 2.794 M € | | | 2.773 M € | - 21 M € |
| 22.216 M € | | | 22.216 M € | 0 M € |

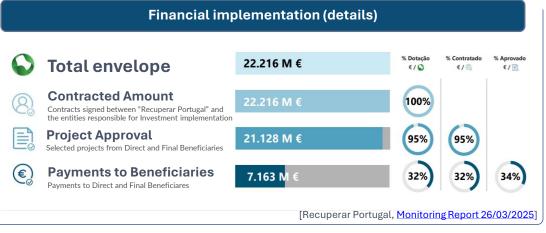
Implementation of NGEU funds is advancing

Portugal has received 51% of total amount



32% of the milestones have been achieved and disbursements to final and direct beneficiaries stand at EUR 7,163 M





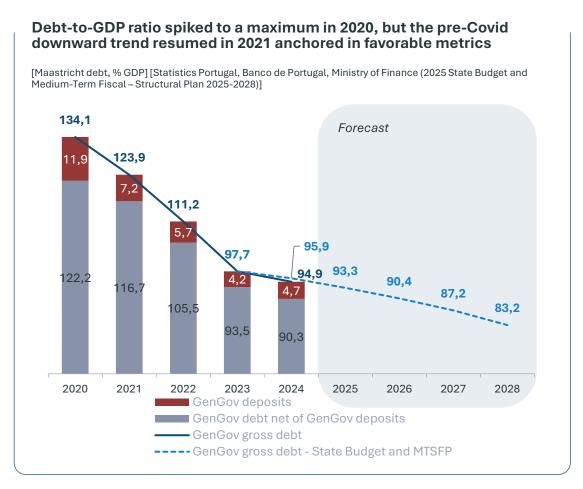
Breakdown of Fiscal Balance shows improvement

| General Government Accounts | 2023 | 2024 | 2025F | 2023 | 2024 | 2025 F | 2024/2023 | 2025/2024 | |
|------------------------------------|-------|-------|-------|----------|--------------|------------------------------|-------------------------|---------------|-----|
| (Accrual basis) | EURbn | EURbn | EURbn | % 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% | 8% |
| Taxes on production and imports | 38,7 | 41,5 | 43,2 | 14,4 | 14,6 | 14,7 | 7% | 4% | 7% |
| Social contributions | 32,8 | 35,9 | 37,9 | 12,2 | 12,6 | 12,9 | 9% | 5% | 7% |
| Sales | 8,4 | 8,9 | 9,1 | 3,1 | 3,1 | 3,1 | 6% | 3% | 6% |
| Other current revenue | 5,2 | 5,8 | 8,0 | 1,9 | 2,0 | 2,7 | 12% | 39% | 070 |
| Capital revenue | 3,1 | 2,5 | 6,2 | 1,2 | 0,9 | 2,1 | -21% | 153% | 5% |
| Total expenditure | 113,4 | 122,0 | 132,9 | 42,3 | 42,8 | 45,2 | 8% | 9% | 0,0 |
| Current expenditure | 102,9 | 112,2 | 118,6 | 38,4 | 39,3 | 40,3 | 9% | 6% | 4% |
| 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% | 3% |
| 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% | 2% |
| 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% | 1% |
| 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% | 0% |
| 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 | | | |
| | | | | [Statist | tics Portuga | <mark>l</mark> , Ministry of | Finance (<u>2025 S</u> | tate Budget)] | |

Fiscal balance and public debt – performance and forecasts



Commitment to fiscal prudence continues to take public debt ratio lower

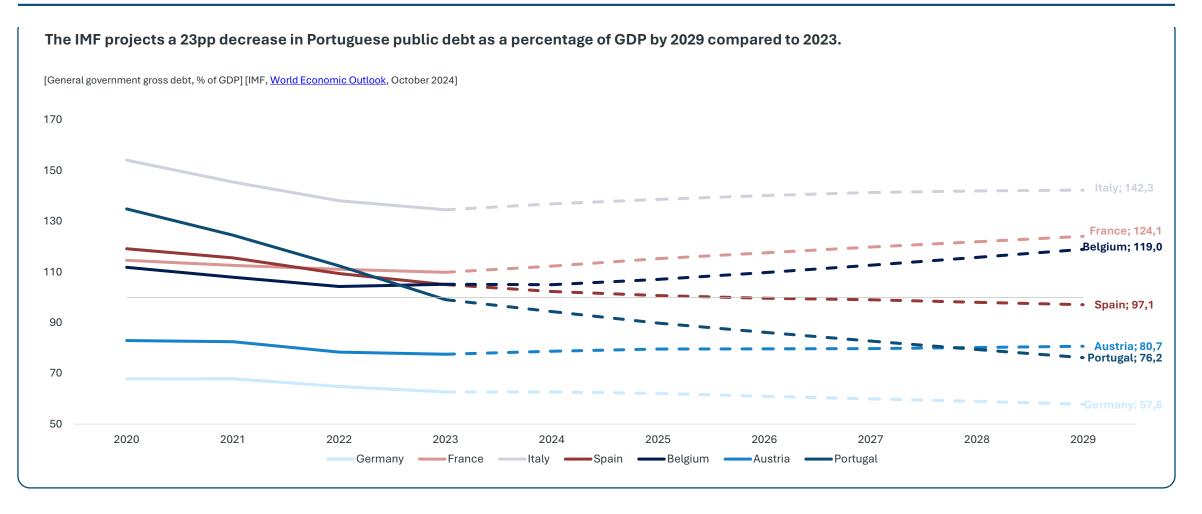


| Downward trend of debt is expected to continue | | | | | | | | | | | | |
|--|----------|----------|----------|------------|-----------|----------|---------|--------|--------|--|--|--|
| [Public Debt Dynamics] [2025 State | Budget a | nd Mediu | ım- term | Fiscal- Si | tructural | Plan 202 | 5-2028] | | | | | |
| | 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 | 93,3 | 90,4 | 87,2 | 83,2 | | | |
| Annual change (pp GDP) | 18,0 | -10,2 | -12,6 | -13,5 | -2,8 | | | | | | | |
| Primary balance effect | 2,9 | 0,5 | -1,6 | -3,3 | -2,8 | | | | | | | |
| Snowball effect | 10,6 | -7,2 | -12,1 | -7,9 | -3,9 | | | | | | | |
| Interest costs | 2,8 | 2,4 | 1,9 | 2,1 | 2,1 | | | | | | | |
| Nominal GDP | 7,8 | -9,6 | -13,9 | -9,9 | -5,9 | | | | | | | |
| Stock-flow adjustments | 4,5 | -3,5 | 1,0 | -2,3 | 3,8 | | | | | | | |
| Nominal GDP growth rate (yoy) | -6,3 | 7,7 | 12,7 | 9,8 | 6,4 | | | | | | | |
| Overall fiscal balance (%GDP) | -5,8 | -2,8 | -0,3 | 1,2 | 0,7 | | | | | | | |
| Primary balance (%GDP) | -2,9 | -0,5 | 1,6 | 3,3 | 2,8 | | | | | | | |
| Interest costs (%GDP) | 2,8 | 2,4 | 1,9 | 2,1 | 2,1 | | | | | | | |

Fiscal balance and public debt – performance and forecasts



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



1. Executive Summary

• Portuguese economy in numbers

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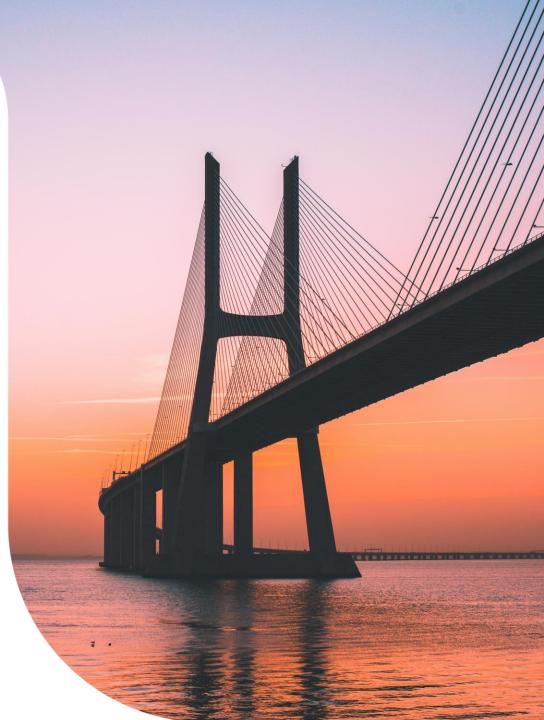
3. Fiscal Outlook

• Fiscal balance and public debt – performance and forecasts

4. Debt Management and Funding Plan

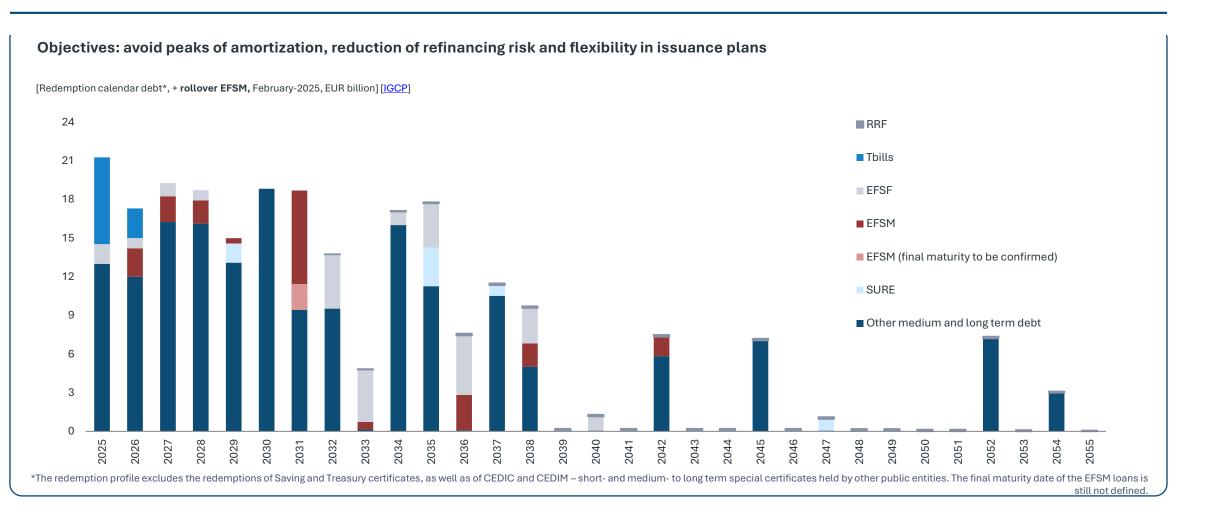
• Risk indicators and market developments

5. Annex



Risk indicators and market developments

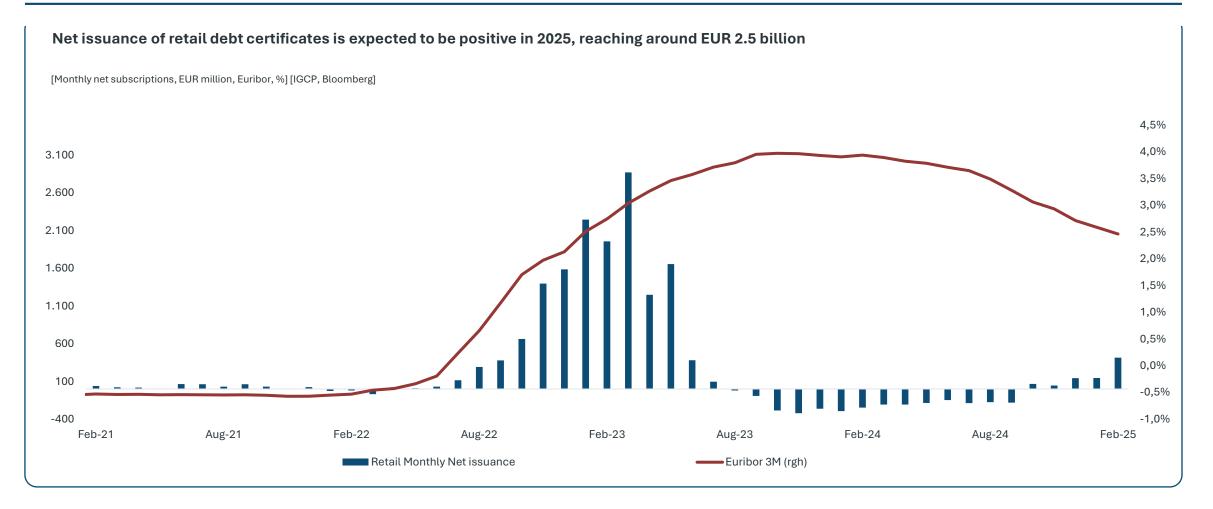
Smooth debt redemption profile



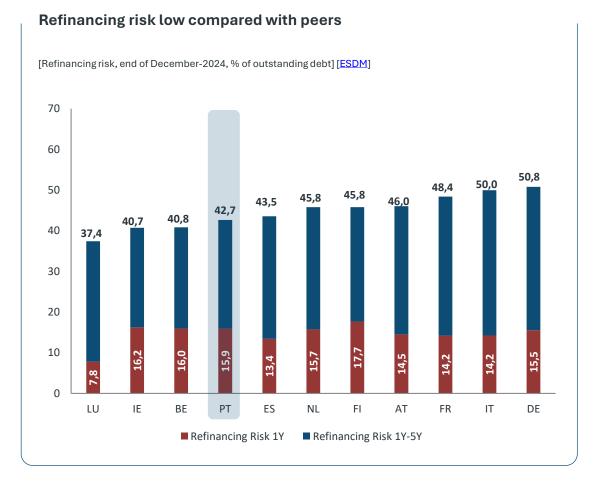
Risk indicators and market developments

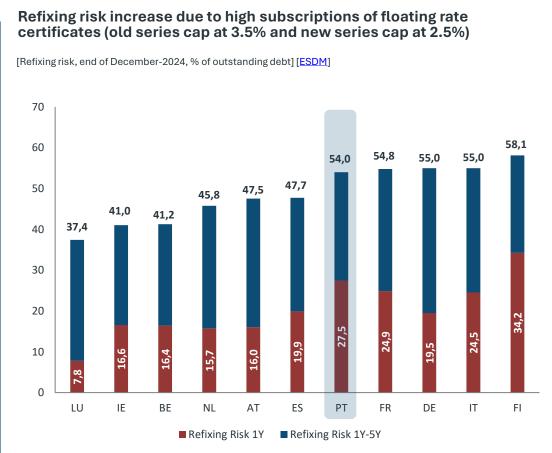


The net issuance of retail debt certificates has turned positive in recent months



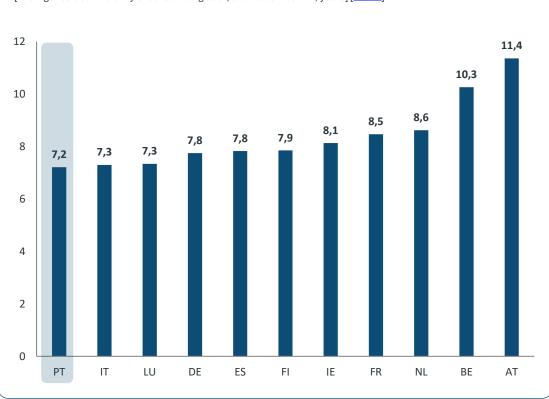
Limited refinancing and refixing risks



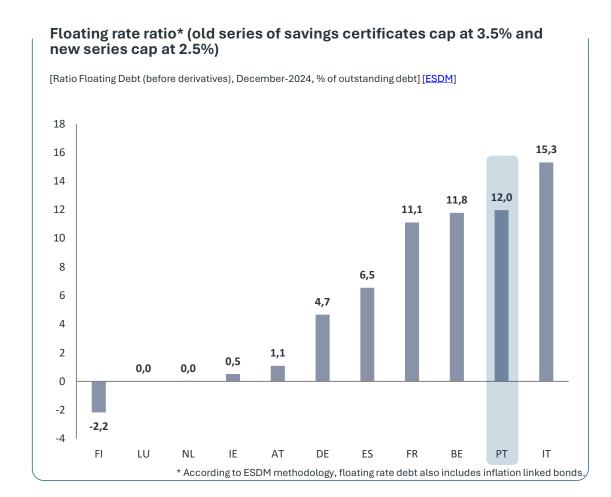


WAM expected to stay above 7 years

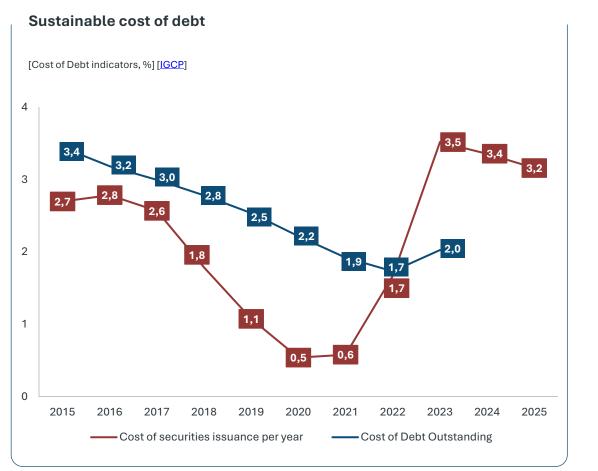
Average maturity

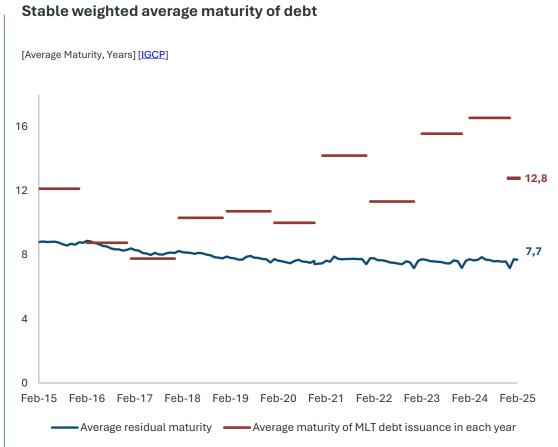


[Average residual maturity of outstanding debt, end December-24, years] [ESDM]



Affordability improved significantly with a stable average maturity





Previous

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-Feb; EUR billion] [IGCP, Ministry of Finance (State Budget 2025)]

| | 2023 | 2024 P | 2025 P |
|--|------|--------|------------|
| State borrowing requirements | 19,8 | 19,877 | 33,0 |
| Net financing needs | 3,5 | 10,015 | 18,0 |
| Overall deficit (a) | 0,2 | 5,8 | 6,8 |
| Net acquisitions of financial assets (b) | 3,3 | 4,2 | 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 | 19,877 | 33,0 |
| Use of deposits | 0,6 | -0,6 | -0,2 |
| Financing in the year | 19,1 | 20,5 | 33,2 |
| Executed | 19,1 | 21,6 | 6,7 |
| EU | 0,7 | 1,3 | |
| PGB | 9,4 | 15,3 | 5,4 |
| MTN | | | |
| FRN/OTRV | | | |
| Retail debt (net) | 10,2 | -0,6 | 0,7 |
| Tbills (net) | -4,6 | 5,7 | 0,6 |
| Other flows (net) (d) | 3,4 | | |
| To be executed | | -1,1 | 26,4 |
| EU PGB | | | 1,2 |
| MTN | | | 15,1 |
| FRN/OTRV | | | 2,0 1,5 |
| Retail debt (net) | | | 1,5 1,8 |
| Tbills (net) | | | 1,8 3,9 |
| Other flows (net) (d) | | -1,1 | 5,9 0,9 |
| | F 7 | | |
| State Treasury cash position at year-end (e) | 5,7 | 6,3 | 6,5 |

a) State sub-sector cash deficit (2023 final figure, 2024 preliminary figures and 2025 estimates from Ministry of Finance).

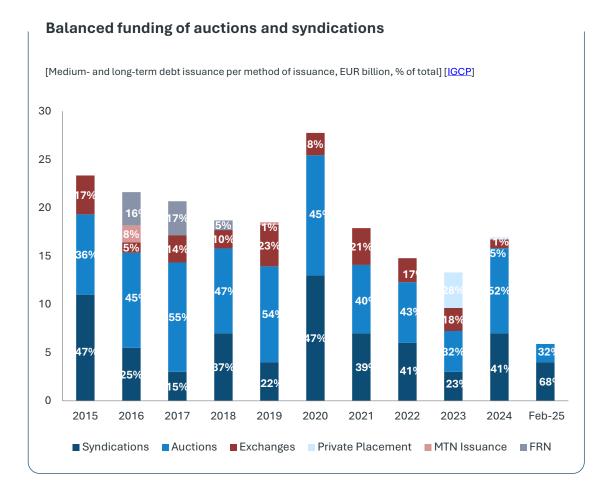
b) Includes refinancing of other public entities (namely SOEs)

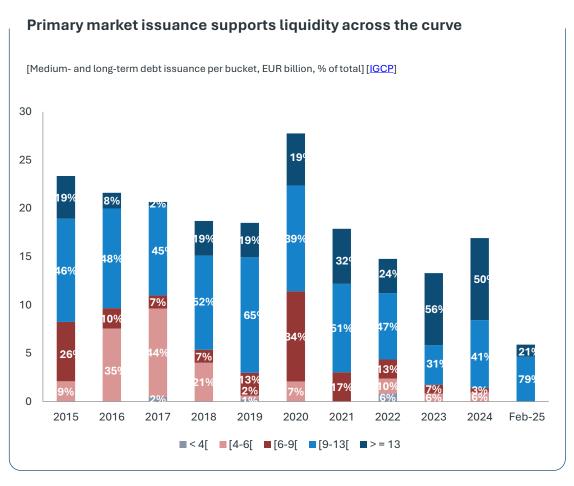
c) Includes net impact of exchange offers.

d) Includes centralization of funds of other public entities in the Single Treasury Account.

e) Excludes cash-collateral.

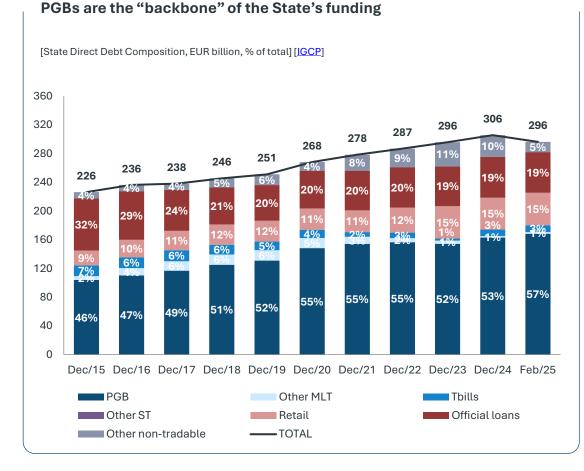
Regular and predictable issuance of MLT instruments





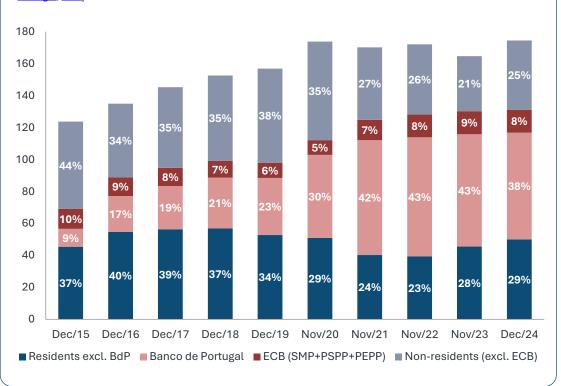
IGCP - Investor Presentation | 41

Debt breakdown points to diversification and stability



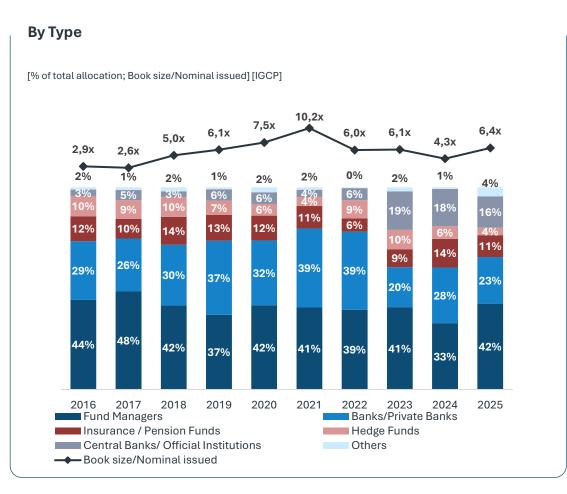
[State Direct Debt Securities Holders, EUR billion, % of total of State Direct Debt Securities] [IGCP, Banco de Portugal, ECB]

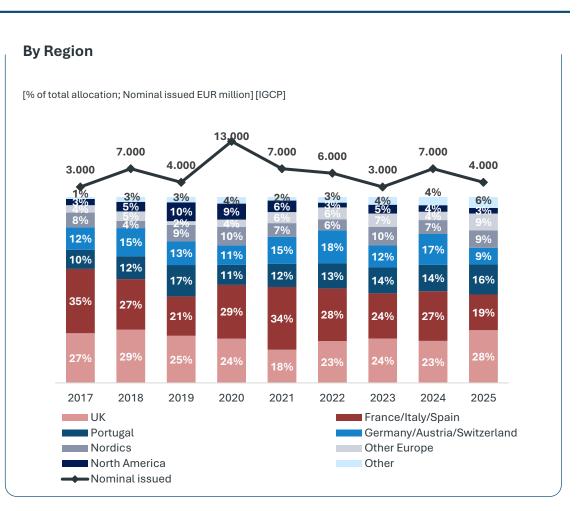
Holdings of non-resident investors continue replacing the Eurosystem



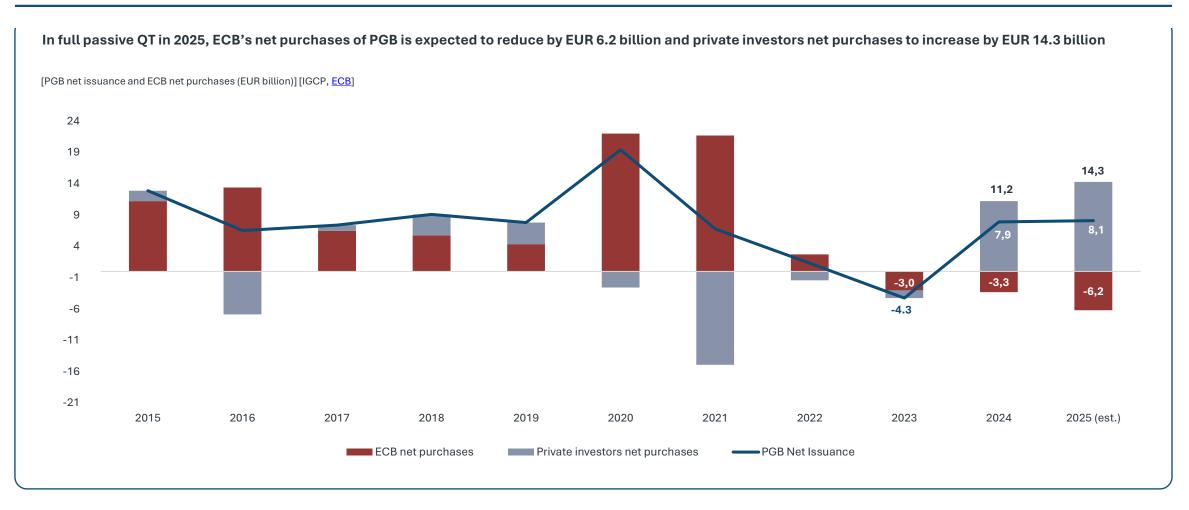
Previous

OT syndications with a diversified and stable investor base



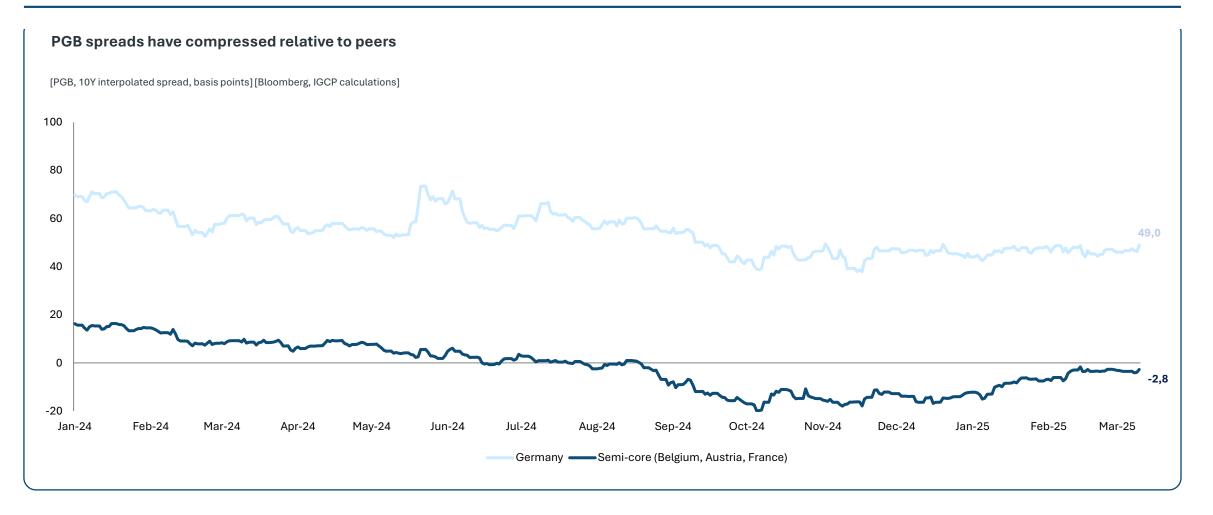


In 2025, net issuance of PGB remains stable at around EUR 8 billion

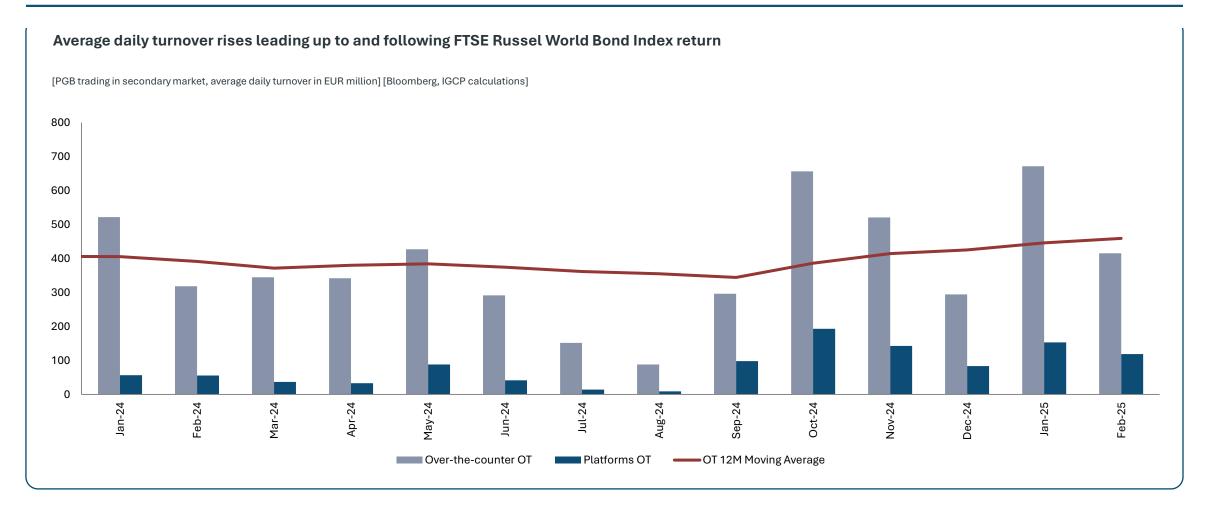




Portugal's convergence with the 'Semi-Core' group of countries



PGB liquidity momentum extends into 2025

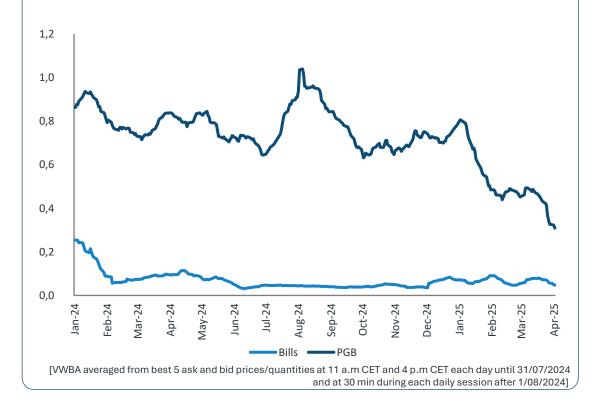


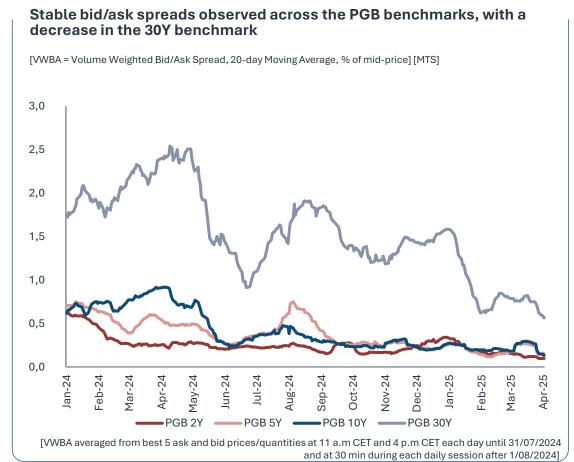
Previous

Secondary market liquidity on MTS

Bid/ask spreads on MTS remain stable for bills and have decreased for bonds

[VWBA = Volume Weighted Bid/Ask Spread, 20-day Moving Average, % of mid-price] [MTS]

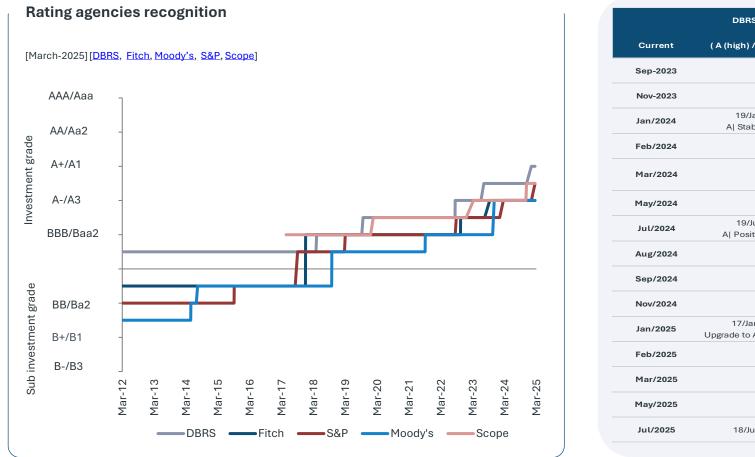




4. DEBT MANAGEMENT AND FUNDING PLAN

Risk indicators and market developments

Portugal was upgraded by Fitch and Moody's in 2023, by Scope in 2024 and by DBRS and S&P in 2025



| | DBRS | Fitch | Moody's | S&P | Scope |
|----------|-------------------------------|-------------------------|----------------------------|---------------------------------------|-------------------------|
| Current | (A (high) / Sta.) | (A- / Pos.) | (A3 / Sta.) | (A / Pos.) | (A/Sta.) |
| Sep-2023 | | 27/Sep Upgrade to A- | | 8/Sep BBB+ Positive | 8/Sep A- Stable |
| Nov-2023 | | | 17/Nov Upgrade to A3 | | |
| Jan/2024 | 19/Jan A Stable | | | | |
| Feb/2024 | | | | | 16/feb A- Stable |
| Mar/2024 | | 22/Mar A- Stable | | 01/Mar Upgrade to A- Positive | |
| May/2024 | | | 17/May No rating action | | |
| Jul/2024 | 19/Jul A Positive | | | | 26/Jul A- Positive |
| Aug/2024 | | | | 30/Aug No rating action | |
| Sep/2024 | | 20/Sep A- Positive | | | |
| Nov/2024 | | | 15/Nov No rating action | | 22/Nov Upgrade to A |
| Jan/2025 | 17/Jan Upgrade to A (High) | | | | |
| Feb/2025 | | | | 28/Feb Upgrade to A | |
| Mar/2025 | | 14/Mar A- Positive | | | |
| May/2025 | | | 16/May | | 16/May |
| Jul/2025 | 18/Jul | | | | |



Thank You

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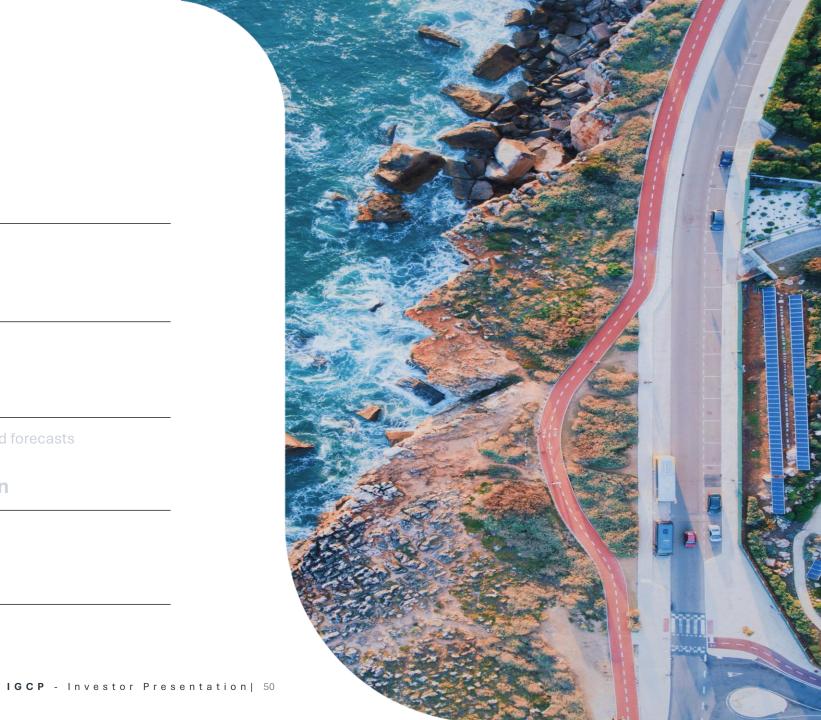
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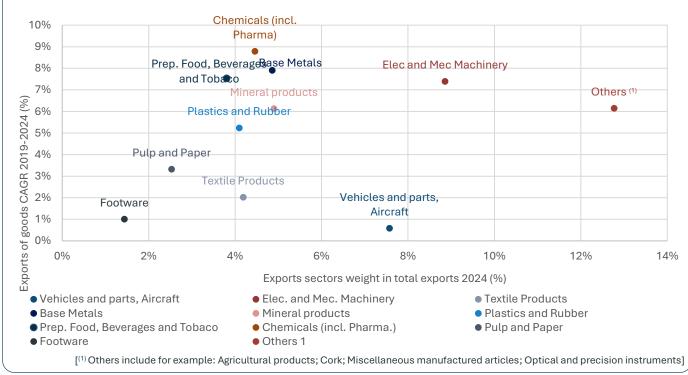
• Risk indicators and market developments

5. Annex



Portuguese exports have proven to be competitive, diversified and dynamic

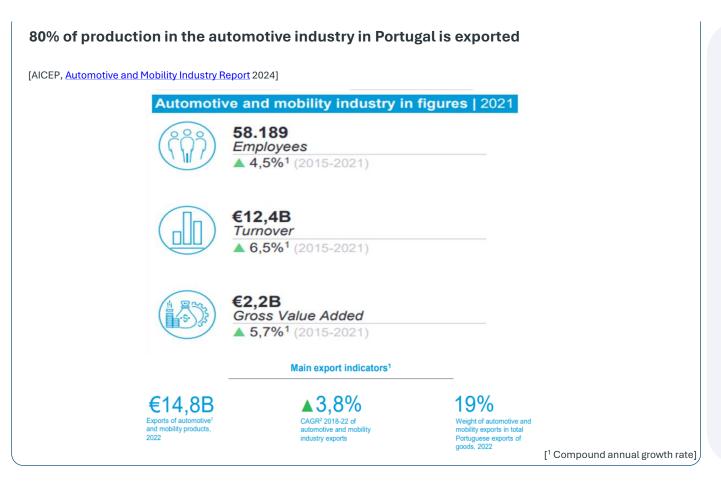
Advanced engineering (electrical & machinery) and Automotive & Mobility are two of the main exporting sectors



[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 4.5%
- ✓ Electrical and mechanical machinery has heavier weight in total exports (8.9%) 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 (0.6% 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



- ✓ 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

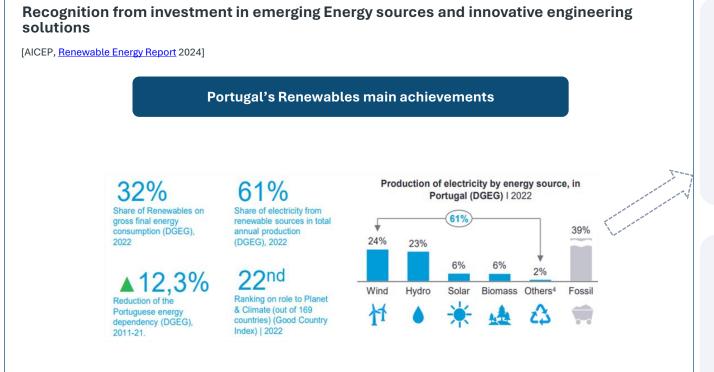


[AICEP, Renewable Energy Report 2024]

- ✓ 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]

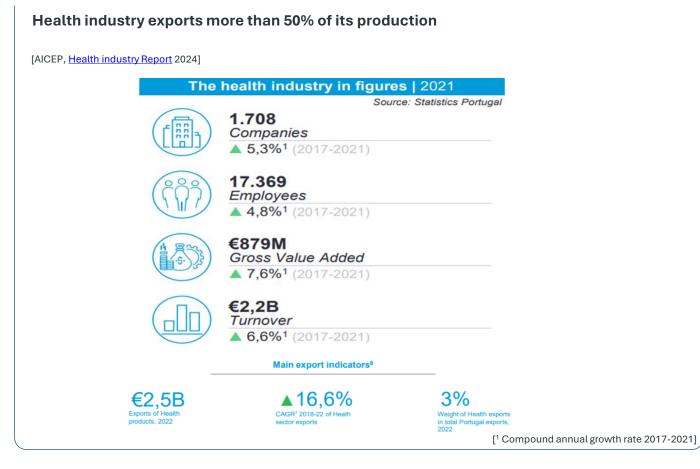
Leading in the incorporation of Renewables in electricity production



- ✓ #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)

- ✓ 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)



- ✓ 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)