# EUROPEAN Datawarehouse



# **GREEK SECURITISATION EVENT** 15 APRIL 2025

## AGENDA

#### **WELCOME & INTRODUCTION**

**ESG UPDATES** Marco Angheben, European Datawarehouse

#### HELLENIC REPUBLIC: ECONOMIC OUTLOOK Carlo Capuano, Morningstar DBRS

**EDVANCE: AI IN SECURITISATION DATA** Martin Kuhn, European Datawarehouse

## SECURITISATION REGULATION UPDATE & EDW'S PRIVATE DEALS SOLUTION SAMUEL STANIS, EUROPEAN DATAWAREHOUSE

PRIVATE ABS: WHERE DO WE GO FROM HERE? HARRY NOUTSOS, PCS

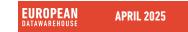
#### **COFFEE BREAK**

**GREEK PANEL: SECURITISATION MARKET UPDATE** 

MODERATOR: MADELEINE HORROCKS, HOGAN LOVELLS Markos Lolos, Piraeus Bank Apostolos Mantzaris, National Bank of Greece Ioannis Redifis, Avis Greece

**NPL PANEL: IS GREECE OUT OF THE TUNNEL?** MODERATOR: MARCO ANGHEBEN, EUROPEAN DATAWAREHOUSE DR. EMMANUEL ALEXANDRAKIS, ATHENS UNIVERSITY OF ECONOMICS & BUSINESS FULVIO PELARGONIO, ACCURIA VASILEIOS GIORNTOS, DOVALUE KELY PESKETZI, PWC

**CLOSING REMARKS AND NETWORKING RECEPTION** 



## **AT TODAY'S EVENT**



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## **AT TODAY'S EVENT**



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## **ESG UPDATE: ENGAGE FOR ESG** MARCO ANGHEBEN, EUROPEAN DATAWAREHOUSE

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AWARFHOUS

**APRIL 2025** 

# **ENGAGE for ESG initiative**

- Co-funded by the European Union with a LIFE grant
- Duration: 1 November 2022 31 October 2025
- Six consortium partners from across Europe
- **Scope:** ENGAGE for ESG aims to provide:
  - A. A simple solution for ESG reporting
  - B. For mortgages and home renovation loans to check alignment with:
    - 1. the EU Taxonomy Regulation;
    - 2. the Energy Performance of Buildings Directive; and
    - 3. the General Data Protection Regulation.





UCI

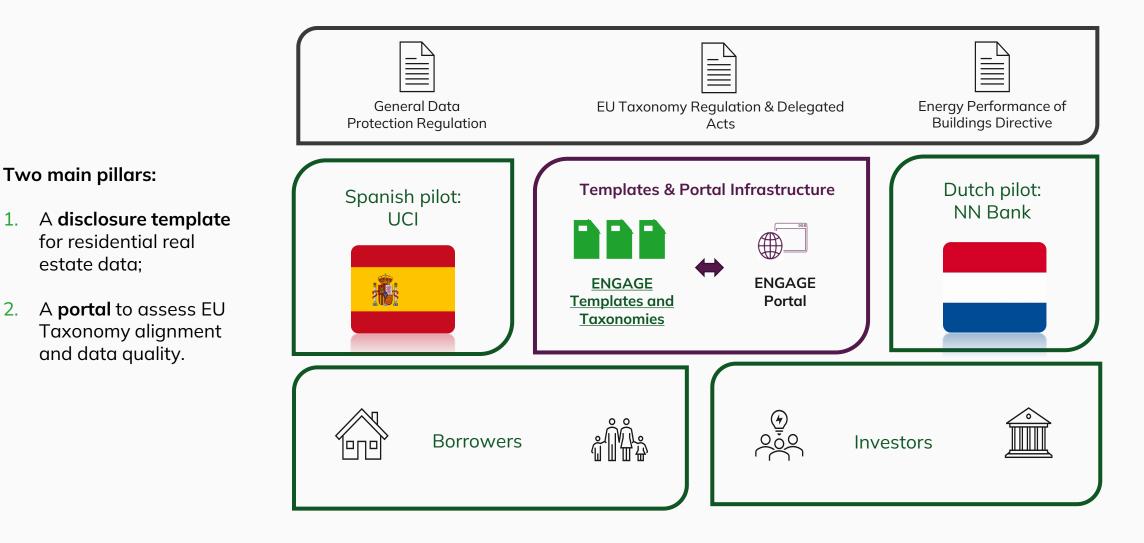
WOONNU







## **ENGAGE for ESG initiative description** E





1.

2.

## Hellenic Financial Stability Fund Sustainability Report 2023

On 20 November 2024 the Hellenic Financial Stability Fund (HFSF) published its Sustainability Report for 2023.



### SUSTAINABILITY REPORT 2023

- HFSF engaged with several external advisors to better understand the banks' needs and has also prompted for increased cooperation for all stakeholders.
- HFSF participated in an educational session hosted by ENGAGE4ESG inviting regulators, banks and the Hellenic Bank Association to promote increased collaboration on data limitations in relation to EPC.
- HFSF strongly urges Greek banks to join the ENGAGE for ESG initiative

Provide clarification and standardisation to the European real estate lending market via the development of a dedicated data template that comprises critical fields needed to assess the alignment of mortgages and home renovation loans with the EU Taxonomy and other relevant regulations. Address the complexities in navigating the EU Taxonomy Regulation and its derived legislation by creating the ENGAGE Portal to help financial institutions check the alignment of their mortgages and home renovation loans with the Taxonomy.

Facilitate the creation of a European sustainable finance ecosystem that allows for analysis, integration, and reduction of risks for energy efficiency investments across the European Union. More information on "Introducing ENGAGE: A Solution for EU Taxonomy Compliance".



**APRIL 2025** 

# **The ENGAGE Templates: structure**

Building block 1 created

Building block 2 under construction

Building block 2

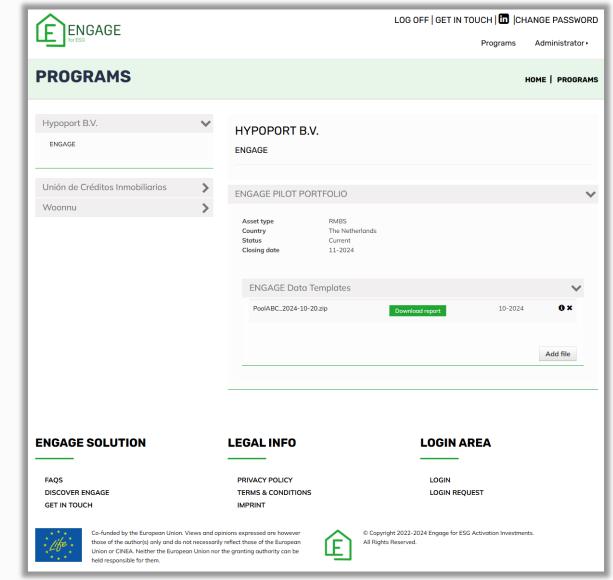
Building block 0

- Current ESMA underlying exposures for residential mortgages (Annex 2) and consumer loans (Annex 6)
- Compliance with the EU Taxonomy Regulation for:
- a) Mortgages for the acquisition of new buildings and existing buildings;
- b) Loans for the renovation of existing buildings. Building block 1
  - European Investment Bank information requirements (Green Eligibility Checker) to capture funds from green financing programs for the financing of the renovation wave.



# **E** The ENGAGE Portal: high level overview

- The ENGAGE Portal enables lending institutions to upload and assess the alignment of their loan portfolios with the EU Taxonomy.
- The Portal incorporates detailed **loan** and **collateral level checks**.
- Access to multiple stakeholders (internal reporting, rating agencies, investors, regulatory supervisors, etc.) upon invitation.
- The ENGAGE Portal allows users to assess multiple portfolios based on the EU Taxonomy.
- The Portal output is twofold:
  - 1. The data quality feedback;
  - 2. The EU Taxonomy alignment report.
- **Trial access** available subject to a standard legal arrangement (available upon request).





# ENGAGE Portal output: data quality report (1/2)

Rule Description	Number of Fails
Primary Energy Demand (PED) of the building (EREC14) equal to ND5 when Nearly zero-energy building (NZEB) theshold (EREC18) populated	34,720
Top15_Explanatory Variable (EREC22) equal to ND5 when Building unit in top-15% indicator (EREC21) is equal to 'Yes'	8,999
Top15_Object Reference Value (EREC23) equal to ND5 when Building unit in top-15% indicator (EREC21) is equal to 'Yes'	8,999
Issuance date of most recent available Energy Performance Certificate (EPC) registration (EREC9) earlier than Construction Year (EREC5)	2,711
Construction Year (EREC5) earlier than the Date of the Construction permit application date (EREC6)	1,368
Construction Year (EREC5) earlier than or equal to 1900-01-01	980
Estimated or officially produced Primary Energy Demand (EREC15) equal to ND5 when General Activity Designation (EREC4) is equal to 'Construction of new buildings'	677
Primary Energy Demand (PED) of the building (EREC14) equal to ND5 when General Activity Designation (EREC4) is equal to 'Construction of new buildings'	677
Issuance date of most recent available Energy Performance Certificate (EPC) registration (EREC9) earlier than Construction permit application date (EREC6)	47
Building unit in top-15% indicator (EREC21) is equal to 'Yes' when Construction permit application date (EREC6) after 31 December 2020	7

Data quality report output by single position



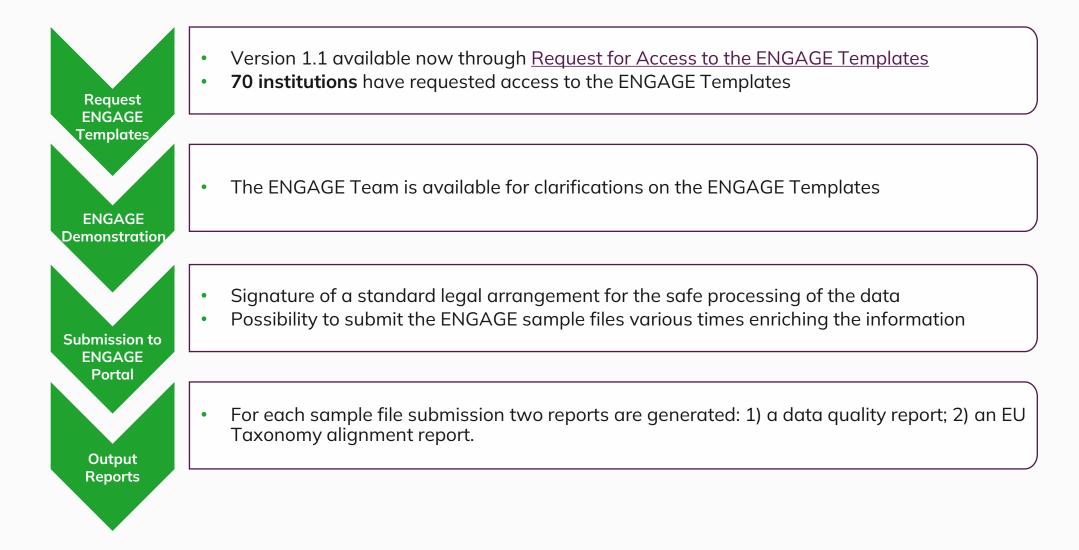
# ENGAGE Portal output: EU Taxonomy alignment report (2/2)

L	ENGAG for ESG																			
	lio Name lio Date (DD-MM-YY)	Example Portfolio 2024 01-08-2024																		
Total # of Loans         1300           Total # of Building Units         1100           Total Balance         6444,600,000.00           TSC passed %         0.00%		1100 €444,600,000.00					TSC asset	ssment*								TSC pass To	tal Portfolio			
Section Economic Activity		Subsection	SCC (check passed) # of loans # of Building Units Balance		# of loans # of Building Units Balance		TSC Passed (SCC + DNSH) # of loans # of Building Units Balance		SCC (check passed)			DNSH (check) passed % of total loans % of total Building ur % of total Balance			TSC Passed (SCC + DNSH)					
			# of toans	# of building Units	Datance	# of toarts	# of Building Units	batance	# of loans	# of building Units	Datance	90 of all loans	96 of total building u	1 % of total balance	90 of total toans	96 of total building u	1 % of total balance	90 of total toans	% of total building u	% of total balance
7.1	Construction of new buildings	]																		
7.2(1)		Major Renovations																		
7.2(2)	Renovation of existing buildings	Reduction of (net) Primary Energy Demand																		
		Energy Demand																		
	Installation, maintenance and	]							] [											
7.3	repair of energy efficiency																			
	equipment Installation, maintenance and	-	<u> </u>			+														
	repair of charging stations for																			
7.4	electric vehicles in buildings (and	1																		
	parking spaces attached to buildings)																			
	Installation, maintenance and	1																		
	repair of instruments and																			
7.5	devices for measuring,																			
	regulation and controlling energy performance of buildings																			
-	Installation, maintenance and	-																		
7.6	repair of renewable energy																			
L	technologies	1	L		1					1				1			1			
		Buildings built before 31							] [											
7 7(4)		December 2020: building																		
7.7(1)		has at least an Energy Performance Certificate																		
	Acquisition and ownership of	(EPC) class A.																		
	buildings	Buildings built before 31																		
7.7(1a)		December 2020 - Alternative: building is																		
		within Top 15%																		
7.7(2)		Buildings built after 31																		
		December 2020	L						」	1										
	Total																			

#### ENGAGE – EU Taxonomy alignment report with a breakdown of Technical Screening Criteria assessment per economic activity

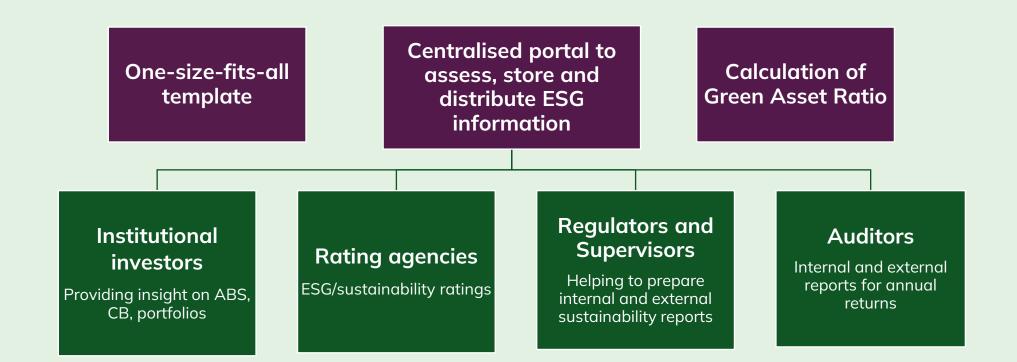


# Free ENGAGE trial period until October 2025





# **E** ENGAGE for ESG: main success factors





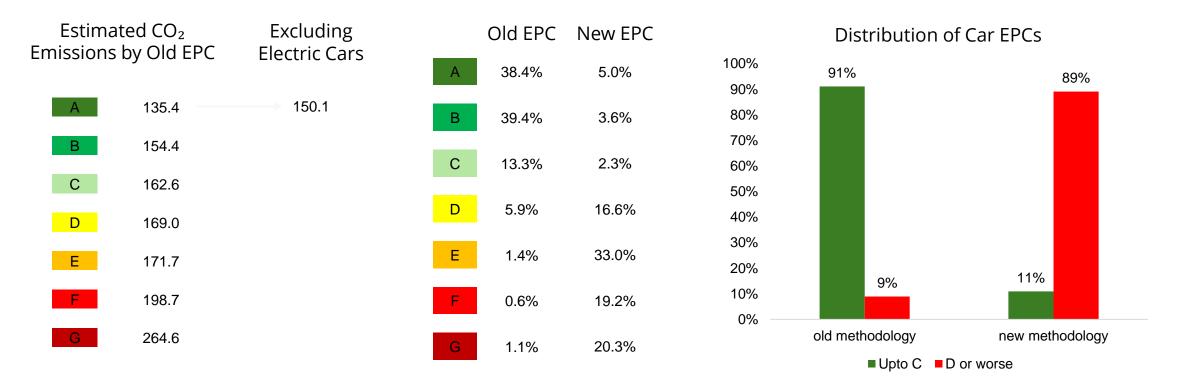
## **ESG UPDATE: GAS PROJECT** MARCO ANGHEBEN, EUROPEAN DATAWAREHOUSE



## **GREEN AUTO SECURITISATION (GAS) PROJECT**

#### WE NEED DATA ON $\rm CO_2$ EMISSIONS

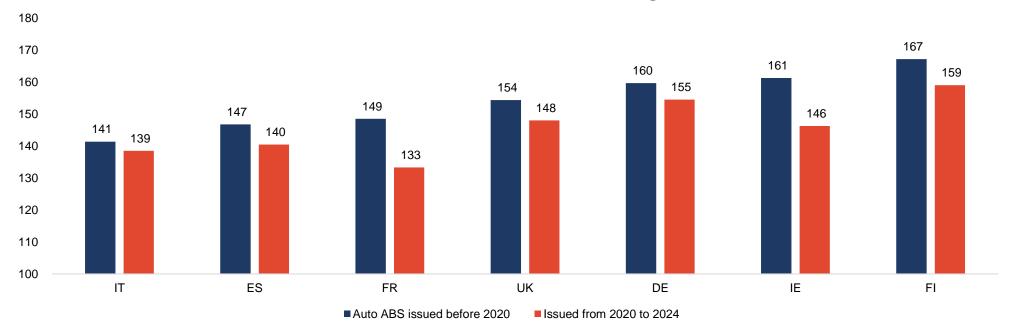
EPCs Assigned in Germany are Extremely Volatile





## **GREEN AUTO SECURITISATION (GAS) PROJECT**

#### CO<sub>2</sub> EMISSIONS ACROSS COUNTRIES / GROUPS OF BORROWERS



#### More Recent Auto ABS Deals have Lower Average CO<sub>2</sub> Emissions

\*Average CO<sub>2</sub> emissions of cars in g/km (WLTP standard)



## HELLENIC REPUBLIC: ECONOMIC OUTLOOK CARLO CAPUANO, MORNINGSTAR DBRS





#### SOVEREIGN OUTLOOK

# Hellenic Republic: Economic Outlook



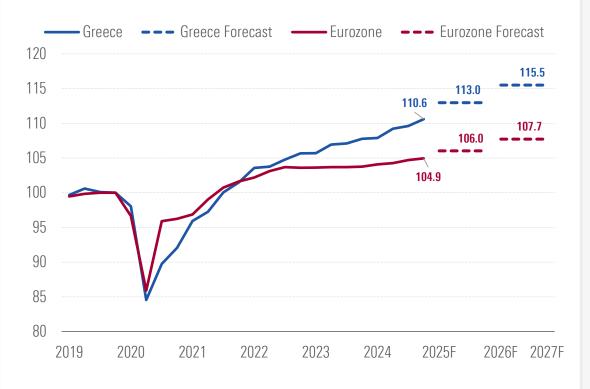
## Carlo Capuano

SENIOR VICE PRESIDENT, SECTOR LEAD GLOBAL SOVEREIGN RATINGS CREDIT RATINGS



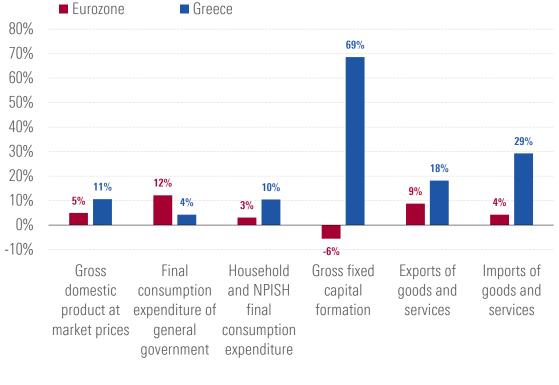
## Greece's Growth to Continue to Outperform Eurozone, With Investment Rising Materially

## **Real GDP Level** (04 2019=100)



Source: Eurostat, Macrobond, AMECO, Morningstar DBRS

## Real GDP Components (04 2024 vs 04 2019)



Source: Eurostat, Morningstar DBRS



#### HELLENIC REPUBLIC: ECONOMIC OUTLOOK

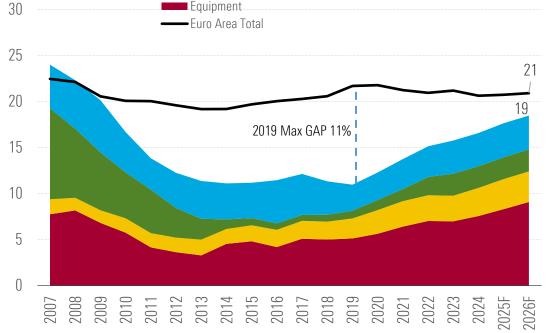
## **Bridging the Gap in Investment**

**Recovery and Resilience Plan** (EUR Billions)

#### Planned (including RePower EU) Approved/ applied for (2021 to February 2025) Receipts from the EU (2021 to February 2025) Disboursments to final beneficiaries Grants transferes to entities (2021 to February 2025) Contracted Loans (2021 to February 2024) 30 24.5 25 20 18.2 17.7 15 12.9 9.6 8.6 10 7.0 4.6 4.6 3.5 5 Λ Grants Loans

Source: Bank of Greece, Ministry of Finance, Morningstar DBR

# Investment Gap Greece vs Eurozone (% of GDP) Non-Residential Construction & Civil Engineering Dwellings Other Investment 30 Equipment Euro Area Total



Source: AMECO, Macrobond, Morningstar DBRS



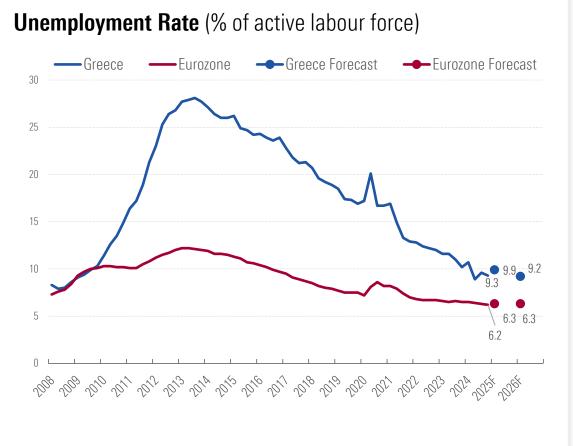
## Greek Growth Expected to Remain Resilient, But Risks Are Tilted to the Downside

	2024	2025F	2026F
Bank of Greece (Mar 2025)	2.3	2.3	2.1
<b>OECD (Dec 2024)</b>	2.3	2.2	2.5
MoF (Oct 2024)	2.2	2.3	2.0
IMF (Apr 2025)	2.3	2.1	1.9

Source: Bank of Greece, OECD, Greek Ministry of Finance, IMF, Morningstar DBRS.

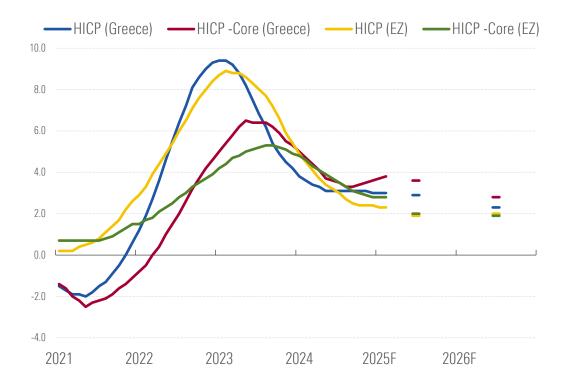


## Narrowing the Gap in the Unemployment Rate and Inflation



Source: Eurostat, Macrobond, Bank of Greece, Morningstar DBRS

## HICP Inflation (%; year over year)



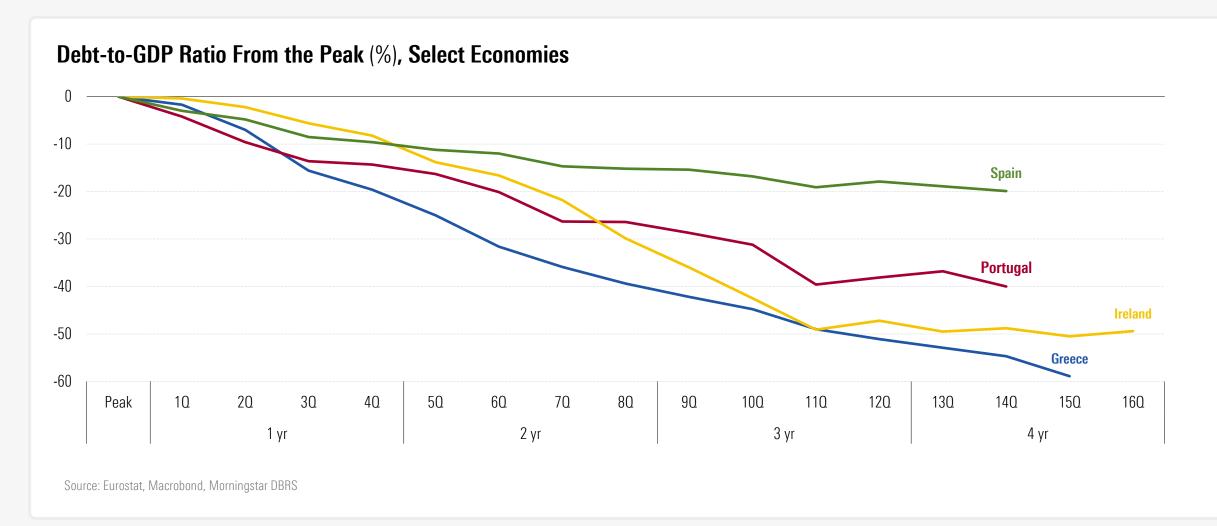
Source: Eurostat, Macrobond, Bank of Greece, Morningstar DBRS. Note: Forecasts from ECB and Bank of Greece

#### 2025 HELLENIC REPUBLIC: ECONOMIC OUTLOOK - APRIL 15, 2025



#### HELLENIC REPUBLIC: ECONOMIC OUTLOOK

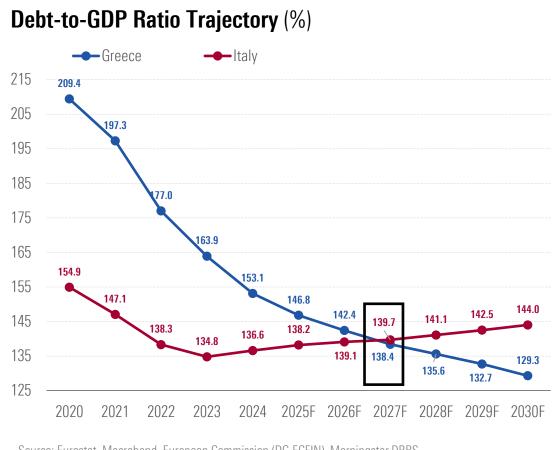
## **Fastest Debt-to-GDP Reduction in Modern Times**



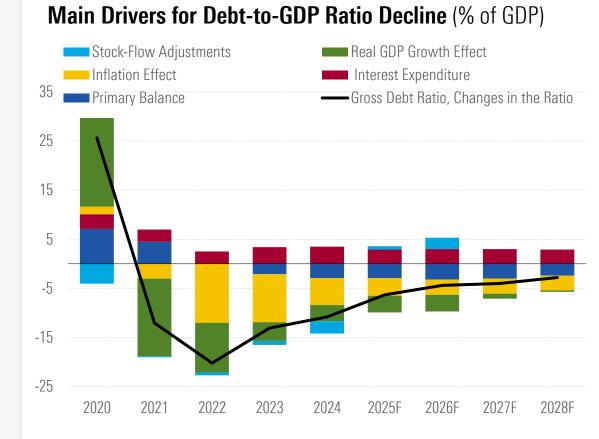
#### 2025 HELLENIC REPUBLIC: ECONOMIC OUTLOOK - APRIL 15, 2025

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## **Greece Set to Overtake Italy in 2027**



Source: Eurostat, Macrobond, European Commission (DG ECFIN), Morningstar DBRS

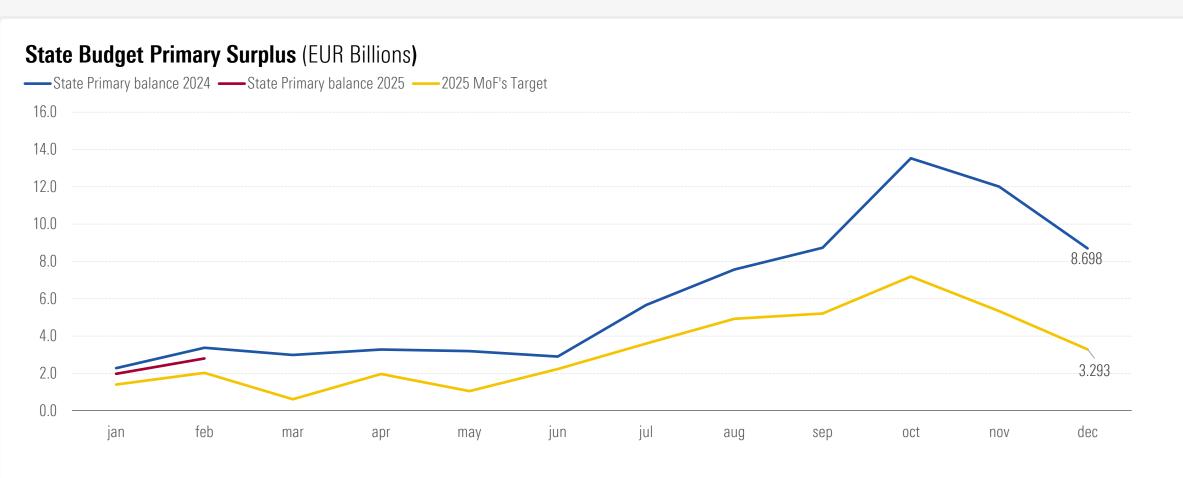


Source: Eurostat, Macrobond, European Commission (DG ECFIN), Morningstar DBRS

#### 2025 HELLENIC REPUBLIC: ECONOMIC OUTLOOK - APRIL 15, 2025



## **Greece's Primary Surplus Key to Tax Cuts and Higher Military Expenditures**

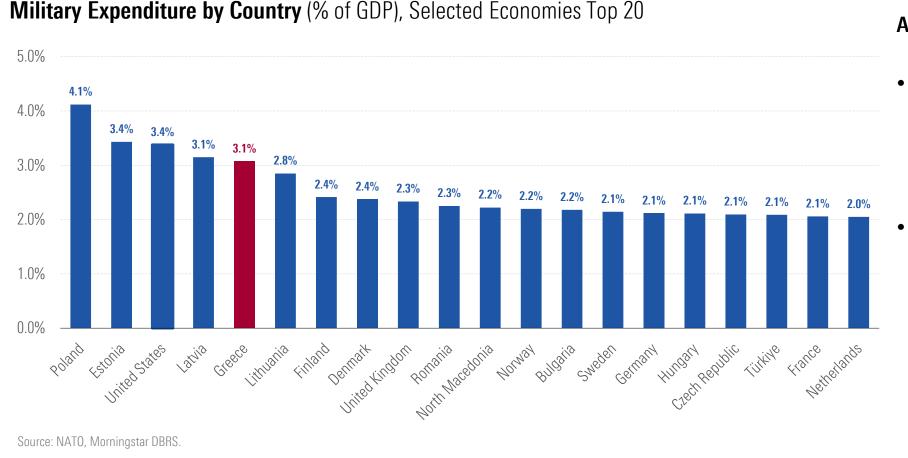


Source: MoF, Macrobond, Morningstar DBRS.



#### HELLENIC REPUBLIC: ECONOMIC OUTLOOK

## **Greece Better Positioned Than Peers for Defence Expenditures**

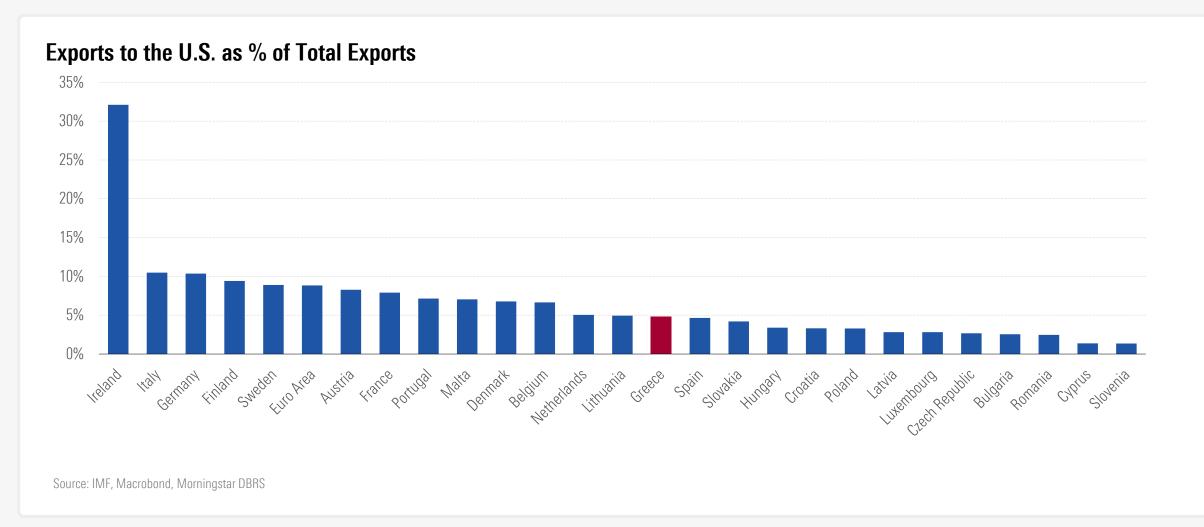


#### Additional Measures

- Salary increase for military forces but additional pay rises likely in autumn
- Investment of EUR 25 billion by 2036 – 12-year strategy



## **Greece's Direct Impact from U.S. Tariffs Expected to be Contained**



#### 2025 HELLENIC REPUBLIC: ECONOMIC OUTLOOK - APRIL 15, 2025

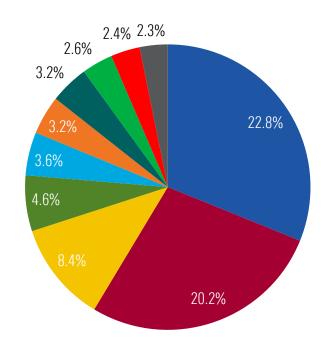
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## **Greece's Direct Impact from U.S. Tariffs Expected to be Contained**

#### Top 10 Products Exported to U.S. in 2024 (EU 27) 2.5% 2.3% Pharmaceutical Products Nuclear reactors, boilers, machinery and mechanical appliances Vehicles other than railway and 3.0% accessories 19.7% Electrical Machinery for video and sound 6.0% Precision Inctruments Organic Chemicals 6.8% Aluminium, Steel and Iron Fruits, vegetables and drinks Aircraft, spacecraft, and parts thereof 7.4% 17.3% Mineral Fuels 9.9% Source: Eurostat, Morningstar DBRS.

## **Top 10 Products Exported to U.S. in 2024 (Greece)**

- Mineral Fuels
- Fruits, vegetables and drinks
- Aluminium, Steel and Iron
- Salt; sulphur; earths and stone; plastering materials, lime and cement
   Nuclear reactors, boilers, machinery and mechanical appliances
   Dairy produce
- Animal or vegetable fats and oils
- Aircraft, spacecraft, and parts thereof
- Preparation of Cereals, Flour
- Plastics



Source: Eurostat, Morningstar DBRS.

#### 2025 HELLENIC REPUBLIC: ECONOMIC OUTLOOK - APRIL 15, 2025

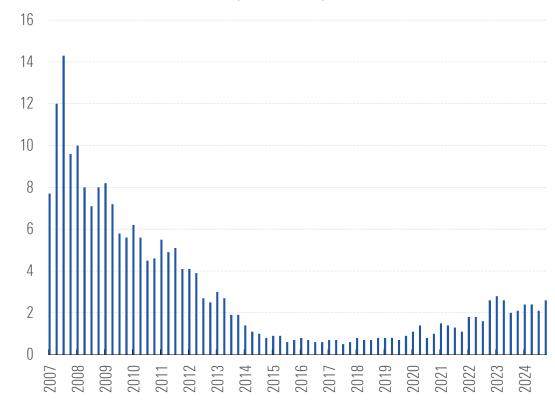


## **Housing Market is Recovering**

### House Price Index (2007=100) HPI Annual Percentage Change (rhs) — House Prices Index - nominal (lhs) - House Prices Index - real (Ihs) 20 110 15 100 10 90 80 70 -5 60 -10 50 -15 2008 2009 2010 2011 2013 2015 2015 2015 2016 2016 2017 2018 2019 2019 2020 2021 2021 2023 2023 2023 2007

Source: Bank of Greece, OECD, Macrobond, Morningstar DBRS

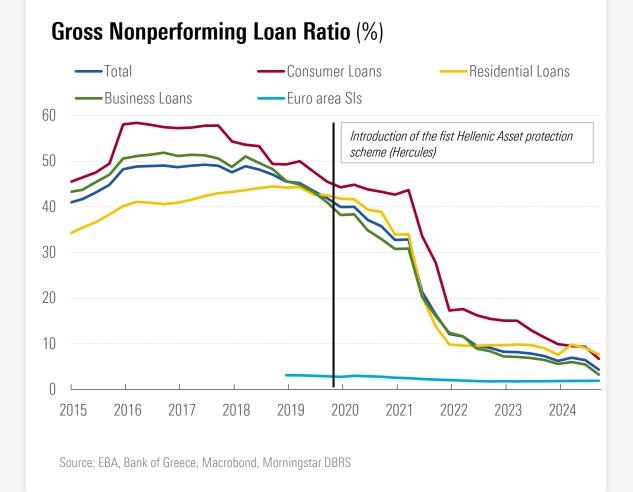
## **Residential Investment** (% of GDP)



Source: Eurostat, Macrobond, Morningstar DBRS



## NPLs Close to EU Average But Still a High Share of Clients Unbankable



#### Loans Serviced by Loan Servicing Firms (EUR Billions) General Govenrment Sole Proprietors 100 Individuals and private non-profit institutions Corporations 80 60 40 20 2020 2021 2022 2023 2024 2017 2018 2019

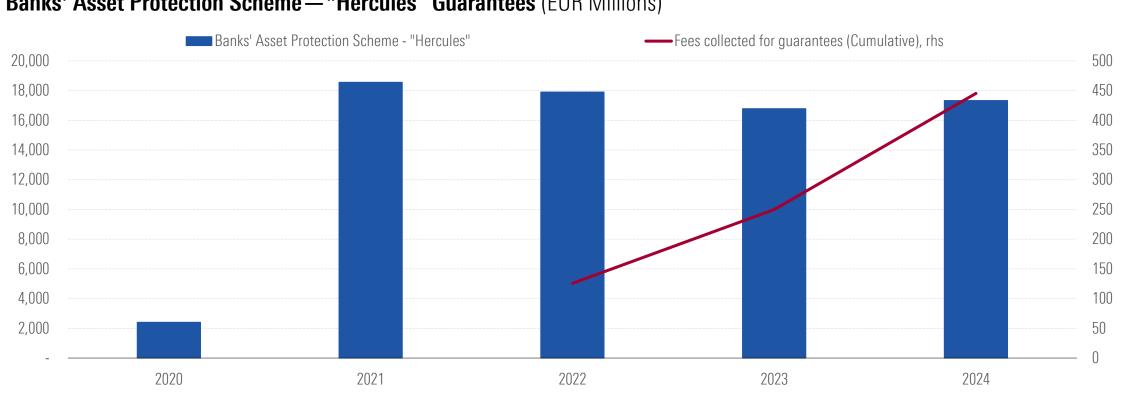
Source: Bank of Greece, Morningstar DBRS

#### 2025 HELLENIC REPUBLIC: ECONOMIC OUTLOOK - APRIL 15, 2025



#### HELLENIC REPUBLIC: ECONOMIC OUTLOOK

## **Hercules and Goverment Guarantees**



Banks' Asset Protection Scheme — "Hercules" Guarantees (EUR Millions)

Source: PDMA, Morningstar DBRS.



## **Risks and Opportunities**

- Increasing trade policy uncertainty and protectionist measures
- Persistent high inflation
- Higher defense expenditures
- Lower-than-expected rate of absorption on EU funds
- Climate risk
- Stronger-than-expected tourist revenues
- Lower inflation and interest rates
- Acceleration in reforms
- Lower tax burden on workers, enhancing the productive capacity and consumption







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# EDVANCE: AI IN SECURITISATION DATA MARTIN KUHN, EUROPEAN DATAWAREHOUSE



## **EDVANCE**

#### DISCOVER ALL-IN-ONE DATA ACCESS

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EDVANCE					EDCode,	Securitisation Id	lentifier, Deal I	Name or ISIN	
A Home	Public 🏶 Public 🗘 Private							1813 Deals «	< Page
Deals	Q Enter Deal Name / ISIN / EDCode / SecID	Country    Asset Class	• Vintage	e 💿 515	Compliant	Green Deals	Provisional	Hide Inactive	Select
Counterparties	Deal Name \$	EDCode 🗘	Country \$	Vintage 🗘	IPD 🗢	PCD \$	Uploaded \$	Loans 🗢	C.Bal (m
Edward Al Assistant	AutoFlorence 2 S.R.L.	AUTS/T000417100520215	italy	2021		2024-08-31	2024-10-04	54659	306.55
SQL Workbench	BBVA RMBS 14 FTA	RMBSES000060105120142	Spain	2014	2024-12-24	2024-09-24	2024-10-04	6189	253.9
My Portfolio	Ouarzo Sri 2023	CMR5/T000265500220234	Italy	2023	2024-09-16	2024-08-31	2024-10-04	63860	622.25
My Data Requests	Quarzo 5rl 2020	CMR5/T000265100820201	italy	2020	2024-09-16	2024-08-31	2024-10-04	302537	369.11
My Subscriptions	Cars Alliance Auto Loans France Master	AUTMFR000101100320122	France	2012	2024-09-23	2024-08-31	2024-10-03	157522	1020.97
- Logoff	BPCE HOME LOANS FCT 2017.5	RMBSFR000083100620170	France	2017	2024-09-30	2024-08-31	2024-10-03	52884	3336.53
	Volta VIII Electricity Receivables Securitisation Notes	OTH5PT102098500220232	Portugal	2023	2024-09-12	2024-08-31	2024-10-03	1	808.76
	Bocky-1	CMR5/T000807100320219	italy	2021	2024-09-30	2024-08-31	2024-10-03	391652	2378.57
	CARS ALLIANCE AUTO LOANS SPAIN 2022, FT	AUTSES000060107520225	Spain	2022	2024-10-24	2024-09-24	2024-10-03	137344	1198.41
	GB 2023-2 Golden Bar (Securitisation) S.r.J	AUTS/T000296500120234	Italy	2023	2024-09-23	2024-08-31	2024-10-03	132883	907.72
	GINKGO AUTO LOANS 2022	AUTSFR000452101820223	France	2022	2024-09-25	2024-08-31	2024-10-03	155447	654.55
	-	AUTSAT102425500120241	Austria	2024	2024-10-15	2024-10-01	2024-10-02	22565	529.4

- The cutting-edge tool consolidates all the features and functionalities that users previously accessed through EDITOR, SQL Access, and Deal Reports, into a single, comprehensive portal.
- EDVANCE allows you to easily access public & private securitisations and analyse data across ESMA and FCA templates.
- Manage your portfolios, query and analyse loan data using SQL, access our counterparty network and explore the benefits of EDW's AI Assistant, EDWARD

# THE ALL NEW EDVANCE

#### ACCESS AND ANALYSE PUBLIC AND PRIVATE SECURITISATIONS SEAMLESSLY ON OUR ALL-NEW ALL-IN-ONE AI-POWERED PLATFORM

#### **DEAL VIEWER**

Explore a comprehensive overview of deals hosted on our platform

#### **MY PORTFOLIO**

Track multiple portfolios and subscribe to notifications & alerts

#### COUNTERPARTY DATABASE

Get to know nearly 700 contacts and providers for thousands of deals

#### **DATA REQUESTS**

Get your portfolio's data delivered directly to you through email or SFTP

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#### **ANYTIME, ANYWHERE**

Seamlessly access data without burdensome firewall settings & IT involvement.

# **COUNTERPARTY DATABASE**

#### GET TO KNOW NEARLY 700 CONTACTS AND PROVIDERS FOR THOUSANDS OF DEALS

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EDVANCE			_	EDCode, Securitisation Identifier, Deal Name or ISIN
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Edward AI Assistant	Barclays Bank UK PLC	8	213800UUGANOMFJ9X769 1 CHURCHILL PLACE	Irelan <sup>10</sup> Netherlands Berline Poli
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My Portfolio	BANCA MEDIOCREDITO DEL FRIULI VENEZIA GIULIA S.P.A.	1	549300HQF0CKXW54CJ46 VIA AQUILEIA 1	For development purposes only Paris for development purposes of Austria Hu
My Data Requests	LQFP (1) ORIG (1) SERV (1) SUBS (1)		UDINE, 33100 Italy	France 32 Croatia
My Subscriptions	ASSET-BACKED EUROPEAN SECURITISATION TRANSACTION FOURTEEN S.R.L.	1	815600CA09E26F515386 VIA V. ALFIERI, 1	Portugal Manda Barcelona Italy sRome
← Logoff	ISSR (1)		CONEGLIANO, 31015 Italy	Light Spain Algiers Tunis
	AUTONORIA SPAIN 2019, FT	1	959800QDWD3FK96ATG53	Tunisia Medieras
	ISSR (1)		C/ Principe de Vergara 131 Planta 3 c/o INTERMONEY TITULIZACION SGFT Madrid, 28002 Spain	
	APEX GROUP HOLD CO (UK) LIMITED	1	8945002N56HOQ3WGAB83 6th Floor, 125 London Wall LONDON, EC2Y 5AS	
			United Kingdom	
	"ACCOUNTING PARTNERS S.P.A." E IN FORMA ABBREVIATA "AP S.P.A."	9	81560044C518C5189255 VIA MONTEBELLO, 27 MILANO, 20121	
	REPN (10) BSRF (7) OTHR (4) CALC (2)		Italy	
	BAYERISCHE LANDESBANK	1	VDYMYTQGZZ6DU0912C88 BRIENNER STR. 18	

- Our comprehensive counterparty database includes over 50 types of contacts—such as issuers, cash advance providers, and portfolio advisors—covering nearly 700 European ABS transactions.
- Users can filter the database by country or deal name, with results conveniently displayed in list or map views.



# **EDWARD**

#### **OUR NEWEST TEAM MEMBER IS OUR LATEST INNOVATION**

Hello! I'm Edward.   Thelp produce SQL queries to run on EDW data sets     What insights are you looking for from EDW data sets?     It want to know the number of active datas in networks in each of all German auto datas in each contry     It want to know the number of active datas in each contry     It want to know the number of active datas in each contry     It want to know the number of active datas in each contry     It want to know the number of active datas in each contry     It want to know the number of active datas in each contry     It want to know the number of active datas in each contry     It want to know the number of active datas in the sector contry active datas in the sector contry active datas in the sector contry and the factor all German auto data sets?     It want to know the number of active datas in the sector contry active of factor all German auto data sets?     It want to know the number of active datas in the sector contry active of factor all German auto factor a	000	< > (	٩				+ [
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- Chat with EDWARD, a naturallanguage to-SQL AI Assistant that empowers your data analysis
  Eliminates the need for complex
- Eliminates the need for complex SQL training, saving time and resources



# SECURITISATION REGULATION UPDATE & EDW'S PRIVATE DEALS SOLUTION SAMUEL STANIS, EUROPEAN DATAWAREHOUSE

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# **ESMA CONSULTATION ON PRIVATE SECURITISATIONS**

#### **GAP ANALYSIS**

SECTION	TABLES	Draft ESMA simplified template	Cross-Reference to Field Code in Annexes from II to XI, XIV and XV	CONSOB notification	SSM notification	Central Bank of Ireland notification
Section A – Information on the originator or sponsor	Table 1: Securitisation Information	14	10	14	2	3
Section A – Information on the originator or sponsor	Table 2: Significant Event Information	3	0	2	3	0
Section A – Information on the originator or sponsor	Table 3: Securitisation Characteristics	12	1	10	8	3
Section A – Information on the originator or sponsor	Table 4: Instrument/Securities Characteristics	9	4	9	1	2
Section A – Information on the originator or sponsor	Table 5: ABCP Specific Information	5	2	5	4	1
Section A – Information on the originator or sponsor	Table 6: Contact Details	8	0	7	3	6
Section B – Exposure and Risk Retention Information on Underlying Exposures	Table 7: Information on Underlying Exposures	56	24	32	28	0
Section B – Exposure and Risk Retention Information on Underlying Exposures	Table 8: Risk Retention	12	0	12	5	2
Section C -Position Level Information	Table 9: Position Level Information	5	2	5	0	1
Section D – Synthetic Coverage Information	Table 10: Synthetic Coverage Information	7	7	0	0	0
	TOTAL	131	50	96	54	18

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# JOINT COMMITTEE REPORT

#### **IMPLEMENTATION AND FUNCTIONING OF THE SECURITISATION REGULATION**

#### Points discussed inside the Joint Committee report:

1.	Contents	1
2.	Abbreviations	2
3.	Executive Summary	4
4.	Introduction	10
5.	State of the EU securitisation market	12
6.	Scope and Definitions	<b>2</b> 1
7.	Due diligence rules	28
8.	STS Framework	37
9.	Risk Retention Rules	50
10.	Transparency framework	58
11.	Options for the supervisory framework	74

*Source:* The European Supervisory Authorities publish evaluation report on the Securitisation Regulation | European Banking Authority

#### **JOINT COMMITTEE REPORT** IMPLEMENTATION AND FUNCTIONING OF THE SECURITISATION REGULATION

#### **Transparency framework:**

- (ii) Reviewing the reporting templates
- 153. As previously noted, the feedback received from a substantial number of ESMA templates<sup>74</sup> users<sup>75</sup> is that they are not fit for purpose<sup>76</sup>. Furthermore, the current reporting systems lack cohesion and consistency<sup>77</sup>.
- 154. The ESMA securitisation templates separate data into two categories: transaction-level information and collateral-level information. To enhance consistency and simplify disclosure templates for public securitisations, it is proposed to streamline and rationalise both categories.
- Conduct a comprehensive review of the ND framework, including data completeness scores, thresholds, and specific fields, considering the feedback against a one-size-fits-all approach, which cannot be applied to the diverse securitisation submarkets and/or underlying assets.
- Consider the removal of ND options for specific fields essential for risk analysis.

*Source:* The European Supervisory Authorities publish evaluation report on the Securitisation Regulation | European Banking Authority

# **JOINT COMMITTEE REPORT**

#### IMPLEMENTATION AND FUNCTIONING OF THE SECURITISATION REGULATION

#### Transparency framework – Securitisation Repository

1) Issue

- 200. The current disclosure framework requires the designated reporting entity (either the originator, SSPE, or sponsor of the securitisation) to submit public securitisation data to a registered securitisation repository (SR) in extensible markup language (XML) format (as outlined in Article 5 of Commission Delegated Regulation (EU) No 2020/1225) on a quarterly basis (or monthly for ABCP). At the same time, SRs are required to disseminate such data in the same format.
  - 2) Proposal
- 201. In order to improve the use of securitisation information also by less sophisticated users, the JC of the ESAs sees value in assessing the possibility for SRs to disseminate data in a way that facilitates its consumption by different types of users. In this context, SRs could be requested to make securitisation data available in multiple formats, to ensure that they are easily accessible and usable for investors with different degrees of data analysis capabilities. Drawing on examples from other disclosure regimes, a requirement could be introduced mandating that SRs disseminate data both in the format prescribed for input data (in order to ensure machine-readability for advanced data users), and an additional, more accessible format (e.g. CSV) to ensure ease of use for less advanced data users.

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# **REPORTING SOLUTION FOR PRIVATE DEALS**

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# **PRIVATE AREA PRINCIPALS**

EDITOR ENABLES PRIVATE TRANSACTIONS TO COMPLY WITH THE DISCLOSURE REQUIREMENTS UNDER ARTICLE 7(1) OF THE SECURITISATION REGULATION

#### **STORAGE OF RELEVANT DATA**

EDW regularly collects documentation and data according to the ECB and newly implemented ESMA templates and taxonomies with tailor made solutions upon request. **The data is stored in the system for at least 5 years.** 

#### **SECURITY AND TRACKING**

Once the deal is created, EDW keeps a clear log of the uploads, downloads and a full data back-up for future recovery.

#### TRANSPARENCY

Access to the relevant data is fully managed by the authoriser Data Owner who is responsible for granting the access to third parties called Data Users (DU). The authorisation can be changed at any time.

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# MARKET OVERVIEW FOR PRIVATE TRANSACTIONS

PRIVATE TRANSACTIONS	> <b>300</b>	100+	12	11
IN EDITOR	total	issuers	countries	ASSET CLASSES
PRIVATE SECURITISATIONS	<b>327</b>	<b>284</b>	<b>43</b>	
STS REGISTER	Total	ABCP	Non-Abcp	

Sources: EDW, ESMA

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# **DISCLOSURE REQUIREMENTS**

DIFFERENCES BETWEEN PUBLIC AND PRIVATE SECURITISATIONS IN EDITOR – EDW'S SECURITISATION REPOSITORY SOLUTION

ESMA Reporting Templates	Public	Private
Underlying Exposures		⊘
Investor Report	$\checkmark$	
Inside Information /Significant Event		<b>e</b>
Disclosure requirements based on the RTS/ITS on operational standards for SR	Public Securitisation Repositories (SR)	Private (exempted from reporting to SR)
XML format	$\bigcirc$	<b>S</b>
XML Schema checks	$\bigcirc$	•
ESMA Scoring	$\bigcirc$	<b>e</b>
Content checks (validation rules)	$\bigcirc$	•
ND Thresholds		<b>e</b>

# **PRIVATE AREA OVERVIEW**

#### PRIVATE SECURITISATION TRANSACTIONS USE THE EDW PRIVATE AREA TO COMPLY WITH DISCLOSURE REQUIREMENTS UNDER ART. 7 OF THE SEC. REG.

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EDITOR HOME UP	LOADS EU DEALS UH	DEALS TICKETS	FINDINGS	DQM OVER	VIEW CSV T	O XML CO	NVERTER		D ¢	<b>A E</b>
Deals Export	Add to Portfolio						Show Submi	ssions	For All Deals	Ŧ
<mark>≂</mark> xFilter Q EDCod	e or Securitisation Identi	fier or Deal Name	or ISIN					1091 items Re	sults per page: 10	25 50 100
Deal Name (SPV)	EDCode	Asset Country	Vintage		PCD	<ul><li>▲ Total</li><li>◆ Assets</li></ul>	C.Bal(mn)	Sub Date	Template 🚯	Action ×
IT08461_IMP_01	CCSSIT001044100320225	Italy	2022	NA	2024-09-30	655	117	2024-10-11	ECB	
IT01030_IMP_01	CCSSIT000094100620158	Italy	2015	NA	2024-09-30	21480	10476.2	2024-10-11	ECB	
Progetto PMI 4	SMESIT102112500420235	Italy	2023	2024-09-30	2024-08-31	674	527.05	2024-10-11	ESMA(UE,IR,II)	
IT03493_LEA_01	CCLSIT102362100220218	Italy	2021	NA	2024-09-30	45	60.4	2024-10-11	ECB	
IT06305_MUT_01	CCRSIT102811100120239	Italy	2023	NA	2024-09-30	2919	267.8	2024-10-11	ECB	
IT05297_IMP_01	CCSSIT102743100120232	Italy	2023	NA	2024-09-30	1005	267	2024-10-11	ECB	
ACC SME National Bank of Greece S. A.	CCSSGR001005100120202	Greece	2020	NA	2024-09-30	1131	250.4	2024-10-11	ECB	<b>D</b>
ITO1020 MUT 01	CCDCIT000004101020196	Ital.	2010	ALA.	2024.00.20	1.47	10.0	2024 10 11	FCD	
porate Website   ED Digital Signature	Utility   ED Toolkit   Sample Temp	lates   User Manual							© Europea	n DataWarehouse G

- Accessibility: Easy and user-friendly web-based access.
- **Functionality:** Continuous software enhancements and developments.
- **Reliability:** Robust software with ongoing support.
- **Integrity:** Legal framework for accessing, uploading and downloading information.

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# PRIVATE ABS: WHERE DO WE GO FROM HERE? HARRY NOUTSOS, PCS

**EUROPEAN** DATAWAREHOUSE

**APRIL 2025** 

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# COFFEE BREAK

# **GREEK PANEL: SECURITISATION MARKET UPDATE** MODERATOR: MADELEINE HORROCKS, HOGAN LOVELLS MARKOS LOLOS, PIRAEUS BANK APOSTOLOS MANTZARIS, NATIONAL BANK OF GREECE IOANNIS REDIFIS, AVIS GREECE

EUROPEAN APRIL 2025 54

NPL PANEL: IS GREECE OUT OF THE TUNNEL? MODERATOR: MARCO ANGHEBEN, EUROPEAN DATAWAREHOUSE DR. EMMANUEL ALEXANDRAKIS, ATHENS UNI. OF ECONOMICS & BUSINESS FULVIO PELARGONIO, ACCURIA VASILEIOS GIORNTOS, DOVALUE KELY PESKETZI, PWC





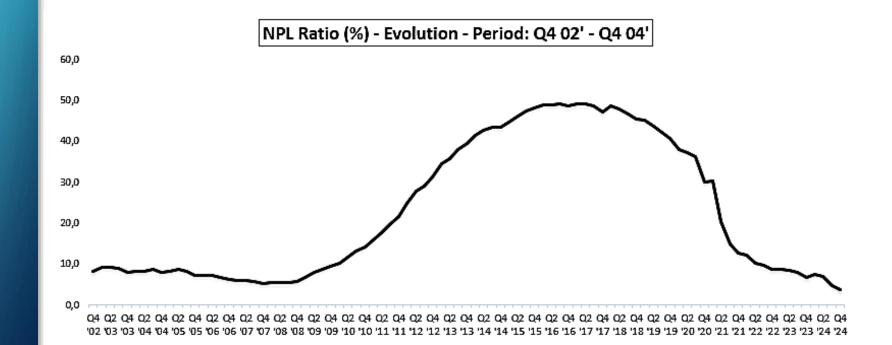


# SPOTLIGHT ON GREECE 2025 SECURITISATION EVENT SERIES - ATHENS

Dr. Emmanuel Alexandrakis, Adj. Prof. MBA International, AUEB April 15, 2025

## NON-PERFORMING LOANS IN GREECE

- The "Hercules" securitization plan reduced NPLs from 46% in 2019 to 3% today
- Greece's NPL
   cleanup stabilized
   the banking system,
   but the underlying
   debt burden
   remains unresolved



# HERCULES ASSET PROTECTION SCHEME (HAPS) KEY- MILESTONES

 $\bigcirc$ 

Date	Event / Action	6						
Dec 2019	Launch of Hercules I (HAPS I) – $\in$ 12 bn in state guarantees approved							
2020–2021 2021	Major banks begin securitizing NPLs (e.g. "Cairo", "Galaxy", "Vega" Apr HAPS I extended by 18 months due to strong uptake and COVID-19							
Oct 2021	Hercules II (HAPS II) approved - additional €12 bn in guarantees							
2022–2023	Further NPL securitizations under HAPS II; NPL ratio falls below 10%							
End-2023	HAPS concludes with over €47 bn of NPLs securitized							
2024 onwards	Market shift to private servicing of legacy debt portfolios via CSFs	ς						
Guaranteeing the senior tranches of securitized bad debt								
portfolios, using	g a state-backed guarantee mechanism							

# <sup>°</sup>KEY DRIVERS - NPLs

Pre-Crisis Stability (2002–2007): NPL ratio <10%, Low unemployment, high GDP Banking Instability & Political Uncertainty (2016–2019): NPL peak at 49.1% (Q3 2016), Capital controls, delayed bank recapitalization and NPL resolution, Hercules Scheme (securitization) Geopolitical Conflict & Onwards (2022–2024): NPL Decline, Sharp drop to 3.8% (2023), Russia-Ukraine War, Inflation, Energy Crisis, Debt Moratoriums, Shifting Geopolitical Order, Fragmenting World

2002–2007

2016-2019

2022-2024

Debt Crisis & Austerity (2008–2015): Surge of NPLs from 5.7% (2008) to 31.3% (2012), 2008 Global Financial Crisis, strict austerity measures, GDP contraction, unemployment spike and liquidity shortages

2008-2015

COVID-19 Pandemic (2020–2021): GDP contraction, QE and government economic support policies

2020-2021

Data Source: Bank of Greece

# WHY GREECE'S NPLs REMAIN A CRITICAL ISSUE

NPLs were transferred to Special Purpose Vehicles (SPVs), **not resolved,** however. Borrowers still owe these debts. Also, private debt/GDP is still high

SPVs struggle to collect, **recovering only 15-20% on average**, leaving 80-85% of the debt unpaid, hurting creditors (including the Greek state via guarantees) GREECE'S PRIVATE DEBT-TO-GDP RATIO (2010– 2025)

HOUSEHOLD DEBT + NON-FINANCIAL CORPORATE DEBT Private debt reached its peak post-crisis in the early 2010s, with levels exceeding 150% of GDP. It has since declined to around 116.8% as of 2023, with forecasts expecting it to drop closer to 105% by end of 2024.

The ratio po at 151.1% marking the level during Greek deb	, e highest g the	Stood at reflectin impact o COVID- pandem	of the 19		Further of to 116.8 continuir downwa	3%, ng ti	he	(Project Forecas trend a 101.0% ongoing delever	ted to cound b, indicating	
2016–2018			2022			2024				
201	2012 20		020	20 20		02	023		2025	
	The ratio			-	to , indicating al n in private rels		Reached 105.0% by the end of the year			

# HOUSEHOLD DEBT TRENDS IN GREECE

#### MORTGAGES

CONSUMER LOANS (CREDIT CARDS, AUTO LOANS, PERSONAL LOANS)

OVERDRAFTS AND OTHER SHORT-TERM CREDIT Household debt, a component of private debt, has also seen notable changes:

2012: Peaked at 66.5% of GDP in Q2

2024: Decreased to **40.6% of GDP** in Q2, reflecting improved household balance sheets

EXCERPTS FROM THE GREEK PRESS ON SOCIAL CONCERNS AROUND NPLs

#### 1. Transparency and Debtor Information - November 23, 2023

"Servicers will now operate under new and stricter transparency rules. The out-of-court mechanism becomes simpler, while the expansion of the Hercules program will operate for the benefit of the banking system." Naftemporiki

#### 2. Regulatory Measures and Penalties - October 4, 2023

"According to the new framework, servicers will be required to keep and provide personalized information to debtors about their total debt, the installments due, the interest rate, and other relevant information, which they currently do not provide. Penalties will also be provided when they do not provide clear and timely information to citizens." OT.gr (Oikonomikos Tachydromos)

#### 3. Market Consolidation and Compliance Costs - April 2023

"Greece's implementation of the EU Directive has sparked an unintended consolidation among the country's loan servicing industry, as loan servicers bemoan the untenable higher operating costs associated with organizational and operational compliance."

# A WIDER CONTEXT: OUTSTANDING PRIVATE DEBT IN GREECE (2024)

Category	Amount (€ Billion)	Share of Total (%)
Tax Authorities	€105.0	47%
Social Security Funds	€46.0 *	21%
Banks	€11.7	5%
NPLs Managed by CSFs	€61.0 **	27%
Total Private Overdue Deb	ot <b>€224.2</b>	100%

including active debts recorded against private sector employers and self-employed individuals

\*\* Subset of the total of €123.4 Billion that includes all loans under management - loans >90 days overdue or unlikely to be repaid

Source: eKathimerini, January 2024 - Total private overdue debt exceeds Greece's GDP

MAPPING THE OVERALL STRUCTURE OF THE DEBT PROBLEM IN GREECE

#### **Outstanding Debts to Insurance Funds (e-EFKA)**

€49.3 billion: total outstanding debt to social security funds (e-EFKA) by the end of 2024 (also includes accrued interest and penalties, debts under legal dispute etc.)

The vast proportion of debtors (**87%** of the approximately 2.16 million debtors owe amounts up to €30,000)

However, these **smaller debts represent only 26.2%** of the total debt, illustrating the inability of small businesses and self-employed to cope with obligations due to successive crises (economic, health, energy).

MAPPING THE OVERALL STRUCTURE OF THE DEBT PROBLEM IN GREECE

500,000 SMEs are unable to pay their insurance contributions

Vast majority of debtors have liabilities under €15,000

Over 2.1 million notices have been sent by KEAO (Social Security Debt Collection Center)

POSSIBLE SOLUTION TO NPL MANAGEMENT LOW PROGRESS 1. Stakeholder Coordination: Convene all key stakeholders involved in the NPL crisis - government, servicers, debt holders, and households - for a unified strategic dialogue.

2. **Innovative Partnerships:** Promote collaborative schemes between NPL holders, grounded in two core metrics: households' ability to pay and the aggregate demands placed upon them.

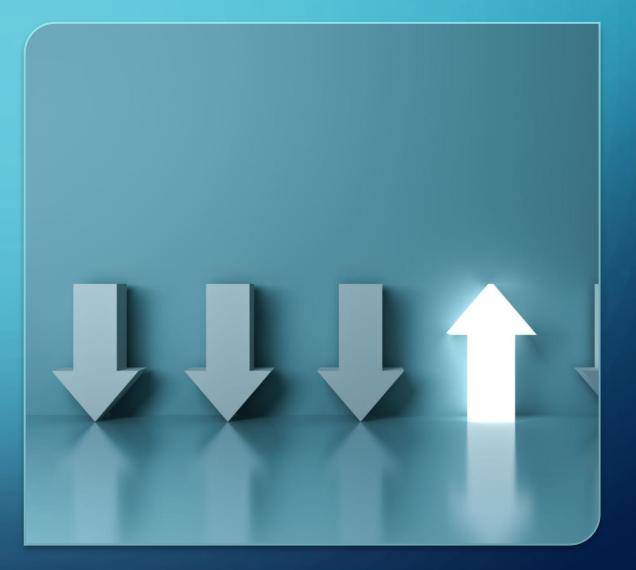
3. **Governmental Responsibility:** Since NPL management shifted from banks to servicers through state initiative, the government must now actively facilitate viable solutions to avoid deepening socio-economic impacts.

4. **Banking System Risk:** The slow pace of NPL resolution threatens economic growth and financial stability, with constrained borrower access to banks, signaling a looming second phase of systemic banking vulnerability.

# THE KEY CHALLENGE

True recovery vs. temporary improvement:

Investors, servicers, regulators, and banks must differentiate between sustainable cures and short-term fixes





### THANK YOU contact us

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# THANK YOU