

# **1Q22 Financial Results**

27 May 2022







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# 1 Key Highlights





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1Q22 PAT cont. ops €208m

1Q22 attributable PAT €360m

Personnel Costs
-3%yoy

**Opex** - 1%yoy

1Q22 COP €125m

up +32% yoy, reflecting core income growth and lower costs

NPEs¹ €2.0b
Net NPEs at €0.4b
NPE ratio¹ 6.5%

NPE Coverage<sup>1</sup> 81.8%

CoR €56m 73bps

**CoR** on a normalization path

CET1 FL<sup>2</sup> 15.1%

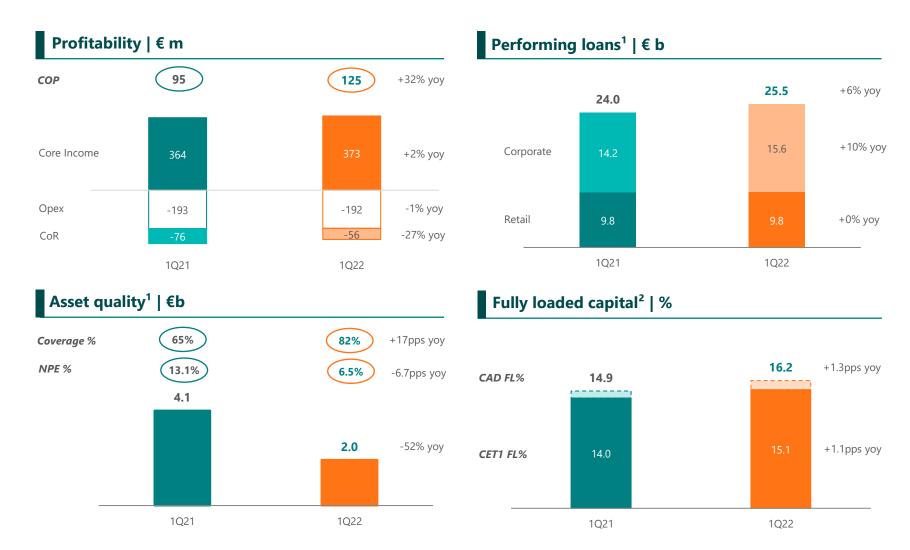
Total Capital FL<sup>2</sup> 16.2%

Pro forma for EVO payments merchant acquiring, FL CET1 and Total Capital ratios at c15.7% and c16.9%

# Positive trends across domains continue into 2022



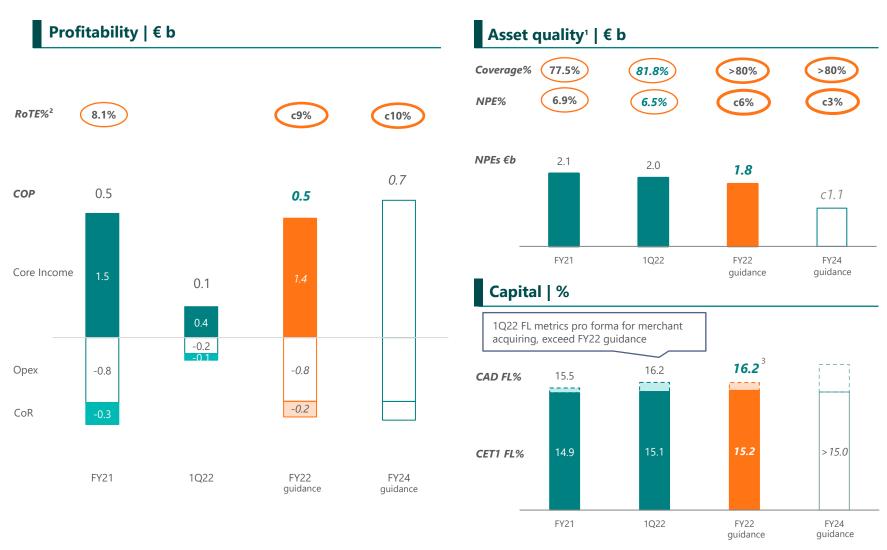
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<sup>1.</sup> Domestic level | 2. Including period PAT



# Reiterate guidance on profitability with outperformance on capital and asset quality



<sup>1.</sup> Domestic | 2. RoTE calculated as core PAT (excl trading, other income and one-offs) over normalized tangible equity | 3. excluding potential MREL related issuances in 2022. Room for additional c200bps AT1/T2

National Bank of Greece 1Q22 results 5



# Greece's strong recovery remained on track in 1Q22 despite headwinds

Robust
business
activity and
an
encouraging
start for the
tourism
season in
1Q22

### GDP growth continued on a rapid pace in 1Q22 buoyed by:

i) a positive carryover effect on GDP growth from 2021 (1.6 ppts annualized, +3.5 pps in 1Q22); ii) favorable base effects due to Covid-19 restrictions in the previous year; iii) sizable cash buffers and iv) strong economic sentiment.

# Key indicators remained strong in 1Q22, with a modest easing in early 2Q:

- Business turnover +38% y-o-y in 1Q22 (exceeding 1Q19 by 30%)
- Goods exports (x oil/ships) +23.9% y-o-y in 1Q22 close to an all-time high over GDP
- Tax revenue +15% y-o-y in 4M22, pointing to resilient underlying activity growth adjusted for the inflation impact
- Unemployment rate decreased to 12.6% in 1Q22 (12-year low of 12.2% in March) with employment growth +12% y-o-y
- Mobility indicators recorded double-digit y-o-y increases in 1Q22, strengthening in April-May
- International arrivals at Athens International Airport edged closer to their respective April 2019 levels in 1Q22 reaching 80% in April 2022; increased probability to reach 2019 revenue levels in FY22

	1Q19	1Q20	1Q21	1Q22	Apr-22
Unemployment rate (%)	18.4%	16.0%	16.4%	12.6%	
Employment growth (YoY)	2.4%	1.0%	-5.9%	12.0%	
<b>Business turnover</b> (YoY)		-1.5%	-4.4%	37.5%	
Goods exports (x oil/ships, YoY)	4.1%	5.6%	11.7%	23.9%	
Goods imports (x oil/ships, YoY)	4.6%	1.4%	5.4%	32.8%	
<b>Tourism revenue</b> (deviation from respective 2019 level)	100%	-19.6%	-88.7%	-36.3% <sup>1</sup>	-20.0%²
<b>ESI</b> (index level)	102.2	110.0	96.6	113.4	105.0
Private sector deposits (€bn)	133.3	145.1	164.8	176.6	
Tax revenue (YoY)	-4.7%	-0.8%	0.9%	15.0%	15.4%³

<sup>&</sup>lt;sup>1</sup> 1Q22 corresponds to 2M22 data

**Sources:** ELSTAT, BoG, EU Commission . Hellenic Ministry of Finance

<sup>&</sup>lt;sup>2</sup> NBG Economic Analysis estimate

<sup>&</sup>lt;sup>3</sup> Apr-22 corresponds to 4M22 data



# Fiscal measures and positive labor market trends cushion the impact of inflation

New fiscal measures and labor market responsiveness help cushion downside risks **New fiscal support measures of 2.8% of GDP** – backed by a fiscal overperformance of 2.0% of GDP in 2021 – are gradually activated in 2022 to counteract the increased pressure on real disposable income, production costs and economic sentiment from the global inflation shock and high geopolitical uncertainty.

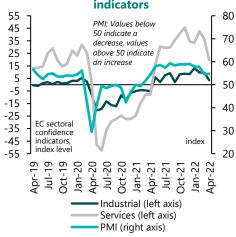
A 9.7% increase in the minimum wage and targeted relief to low-income households, mostly in the form of energy subsidies, should offset inflation, which is even higher in inelastic categories of household spending such as energy and food.

**An estimated increase in average private sector wage** of c. 3% in 2022, backed by strong y-o-y growth of 7.8% in labor productivity in the previous year and healthy **employment growth** in excess of 4% in 2022 cushions the inflation drag on household income.

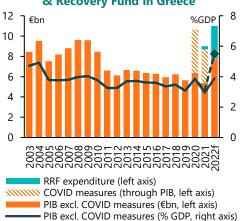
Upbeat growth in business turnover, resilient exports, sizeable liquidity buffers of healthy corporates and strengthened pricing power of firms in competitive sectors **support business performance**.

**Public investment spending** augmented by RRF the strongest since 2003-2004.





# Public investment spending (PIB) & Recovery Fund in Greece



Sources: EU Commission, IHS Markit, Hellenic MinFin

■ ■ ■ PIB & RRF excl. COVID measures (right axis)



# **2 Financial Results**



# **P&L Highlights**

1Q22 Group PAT (cont. ops.) at €208m, reflects strong core operating trends, with COP up by 32% to €125m. Impressive fee income recovery offsets a moderate reduction in NII due to NPE deleverage, driving core income higher by 2% yoy, while costs are contained further and CoR normalizes in line with guidance. More specifically:

- Following Frontier deconsolidation, NII is just 3% lower yoy with lower NPE NII accruals partly offset by the sustained expansion of the PE book. Domestic PE loan additions in 1Q22 amounted to €1.5b yoy, driving PE NII higher for a 3<sup>rd</sup> consecutive quarter
- Fee growth picks up reaching +25% yoy supported by retail and corporate loan origination, with card and intermediation fees driving a sharp upswing
- Our C:Cl improves further by c160bps yoy to 51.5%, despite
  persistent inflationary pressures and the roll out of our strategic
  IT investment plan including the ongoing replacement of our core
  banking system (CBS), sustained personnel cost reduction lowers
  OpEx by 1% yoy;
- Domestic cost of risk on a normalizing path, drops to 70bps, pushing coverage higher by >4ppts qoq to 82%

### P&L | Group

Financial Results

€m	1Q22	1Q21	YoY	4Q21	QoC
NII	288	296	-3%	308	-6%
Net Fees & Commissions	85	68	+25%	74	+14%
Core Income	373	364	+2%	382	-2%
Trading & other income	120	491	n/m	(9)	n/m
Total Income	493	855	-42%	374	+32%
Operating Expenses	(192)	(193)	-1%	(212)	-10%
Core PPI	181	171	+6%	170	+6%
PPI	301	662	-55%	161	+87%
Loan Impairments	(56)	(76)	-27%	(57)	-2%
Core Operating Profit <sup>1</sup>	125	95	+32%	121	+4%
Operating Profit	245	586	-58%	105	>100%
Taxes	(37)	(3)	>100%	(5)	>100%
PAT (cont. ops)	208	583	-64%	100	>100%
Disc. ops, minorities & other	152	(26)	n/m	0	n/m
	360	557	-35%	100	>100%

Key P&L ratios	1Q22	1Q21	YoY	4Q21	QoQ
Cost-to-Core Income (%)	51.5%	53.1%	-1.6pps	55.6%	-4.1pps
COP margin (bps)	165	140	+25	168	-3



# **Balance sheet Highlights**

### NPE stock<sup>1</sup> at €2.0b or €0.4b net of provisions; NPE ratio<sup>1</sup> at 6.5%

- NPE reduction continues, with NPE flows remaining negative at
   €-0.1b. Curing flows moderate on the back of a contained FNPE
   perimeter post clean up, with the cure rate remaining at high levels.
   New defaults & redefaults, edge lower aiding negative organic
   formation
- NPE ratio<sup>1</sup> drops by c40bps qoq to 6.5%
- NBG clients long exited from State and Bank sponsored programs
  remain in good shape, with the NPE ratio ranging between 1% and
  4% depending on the program. Additionally, there is no sign of
  delinquencies from the recent surge in inflation.
- NPE coverage<sup>1</sup> reaches 82% despite CoR normalization, benefitting from negative organic formation trends

#### Domestic PE loan book expansion at €1.5b yoy

 Despite uncertainty, disbursements<sup>2</sup> grew by c50% yoy on strong retail and corporate credit (+52% corporate / +41% retail), pushing domestic PEs higher yoy by €1.5b

#### FL CET1 at a robust 15.1%, +20bps qoq, FL total capital at 16.2%

FL CET1 and total capital ratios higher by +20bps and +70bps qoq,
 with the former driven by organic capital generation of c30bps

### Key P&L Ratios | Group

	1Q22	4Q21	3Q21	2Q21	1Q21
NIM (bps)	182	206	216	214	213
Cost-to-Core Income	52%	55%	49%	51%	53%
Core PPI margin (bps)	238	237	288	266	253
CoR (bps)	73	71	96	110	113
COP margin (bps)	165	168	191	156	140

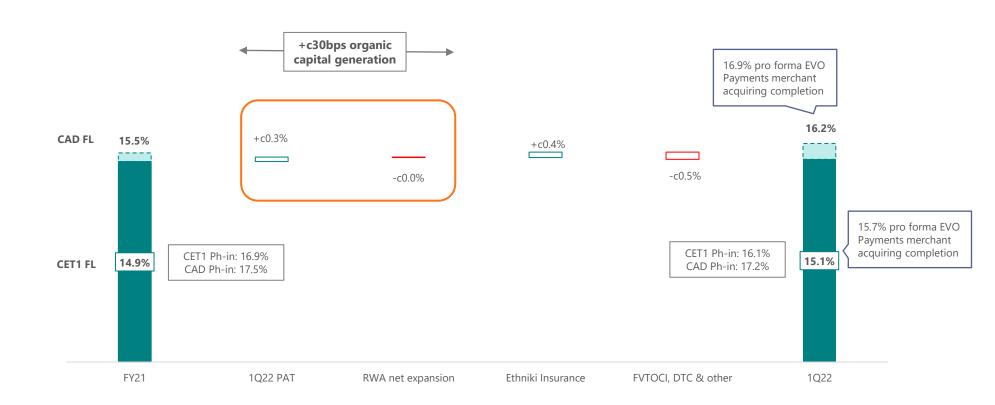
### **Key Balance Sheet Ratios | Group**

	1Q22	4Q21	3Q21	2Q21	1Q21
Liquidity					
Loans-to-Deposits	57%³	57%³	52%	53%	56%
LCR	255%	242%	266%	259%	250%
Asset quality					
NPE ratio	6.7%	7.0%	11.9%	12.7%	13.1%
NPE coverage	81.4%	77.2%	69.8%	66.4%	64.8%
Capital					
CET1⁴	16.1%	16.9%	16.4%	16.0%	16.1%
CET1 FL⁴	15.1%	14.9%	14.2%	13.8%	14.0%
RWAs (€ b)	34.4	34.7	36.7	36.7	36.6

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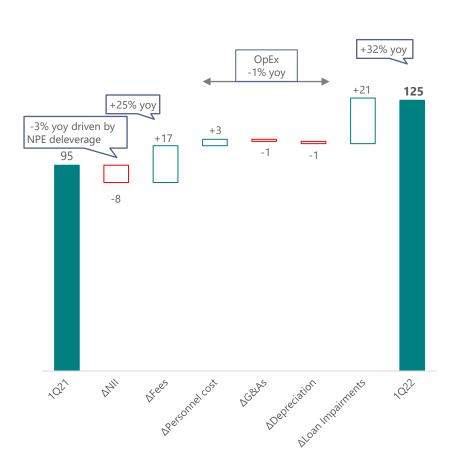
# 1Q22 FL capital movement<sup>1</sup>





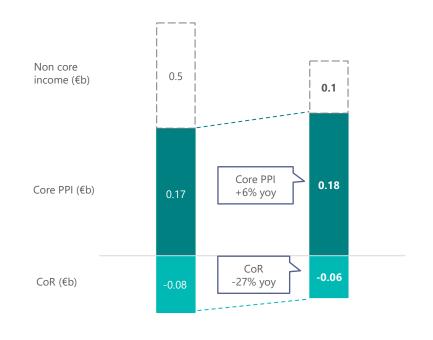
### 1Q22 Group COP up by +32% yoy to €125m reflects core income growth, CoR normalization and lower costs

### **Group core operating profit bridge 1Q22 (€ m)**



# **Group operating profit decomposition 1Q22 (€ b)**

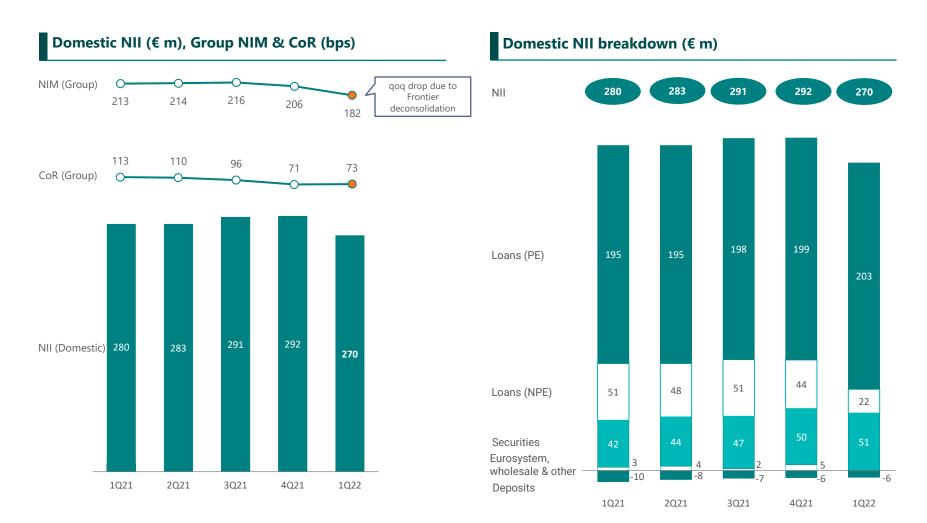




1Q21 1Q22



## NII lower by just 3% yoy as Frontier deconsolidation impact is cushioned by PE loan expansion





### Despite uncertainty, disbursements remain strong driving PEs higher by €1.5b yoy; strong pipeline in 2Q22

**Net loans** 

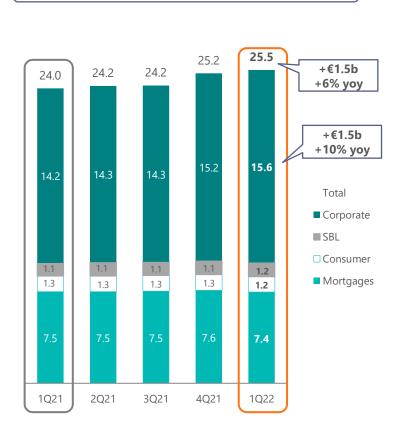


25.5

25.6

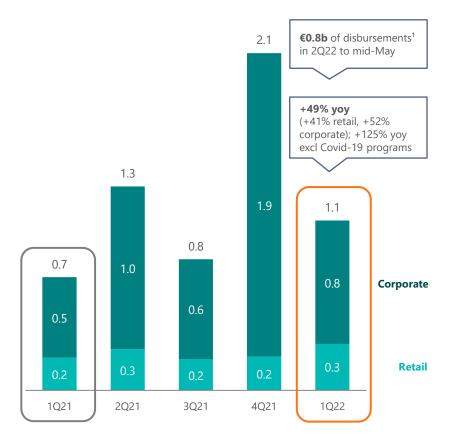
25.7

### Loan disbursements¹ (€ b)



28.9

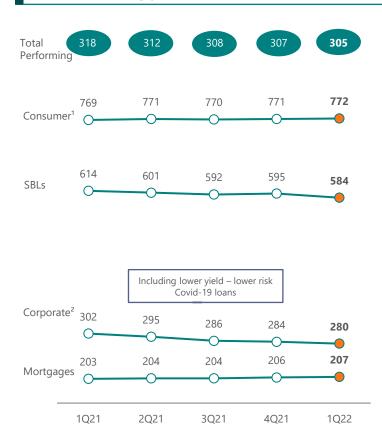
28.8



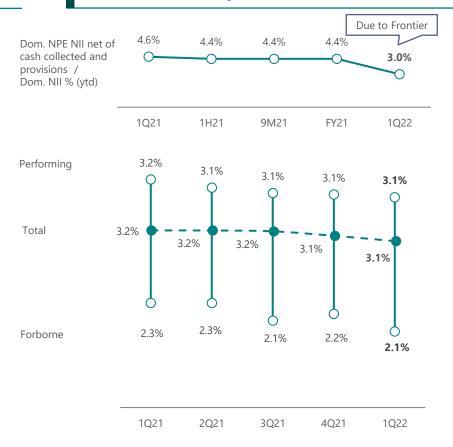
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# Greek PE lending yields (bps)

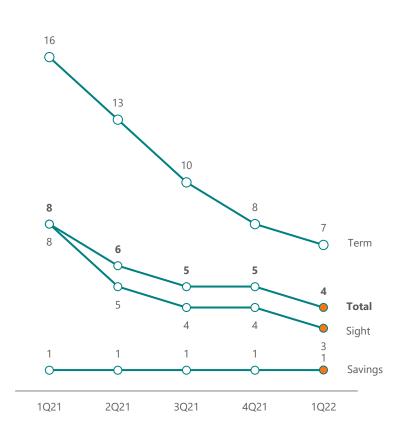


### **Greek forborne & PE yields, NPE NII %**

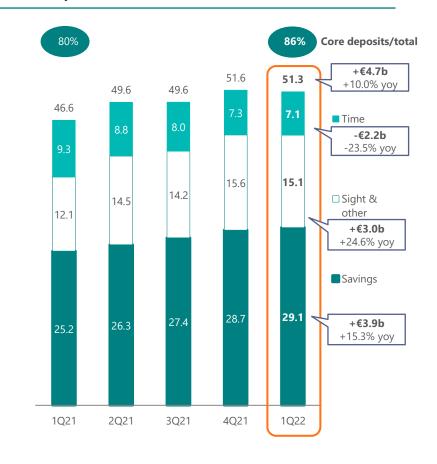




# Greek deposit yields (bps)

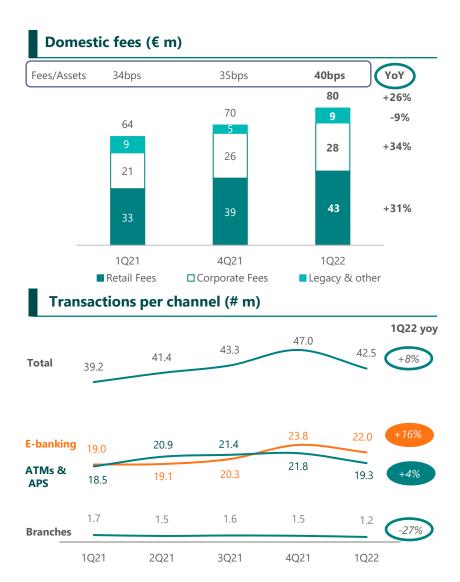


# Greek deposit evolution (€ b)





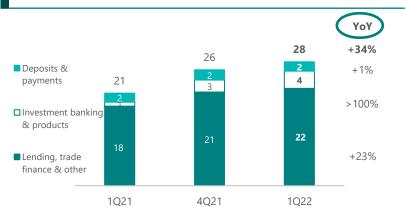




# **Domestic retail fees decomposition (€ m)**



# Domestic corporate fees decomposition (€ m)





### Sustained personnel cost reduction absorbs strategic IT investment impact; C:Cl at 51.5%, -160bps yoy

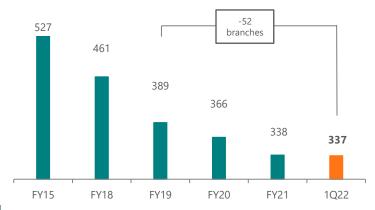
## OpEx by category (€ m)

_	Group					
	1Q22	1Q21	yoy	2yr∆¹		
Personnel	103	107	-3.1%	-16%		
G&As	47	46	+2.4%	-0%		
Depreciation	41	40	+2.2%	na		
Total	192	193	-0.7%	-8%		

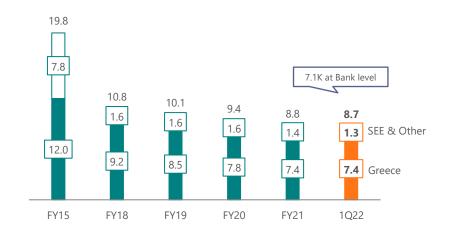
# Group Cost to Core Income (%)



# **Domestic Branch evolution (#)**

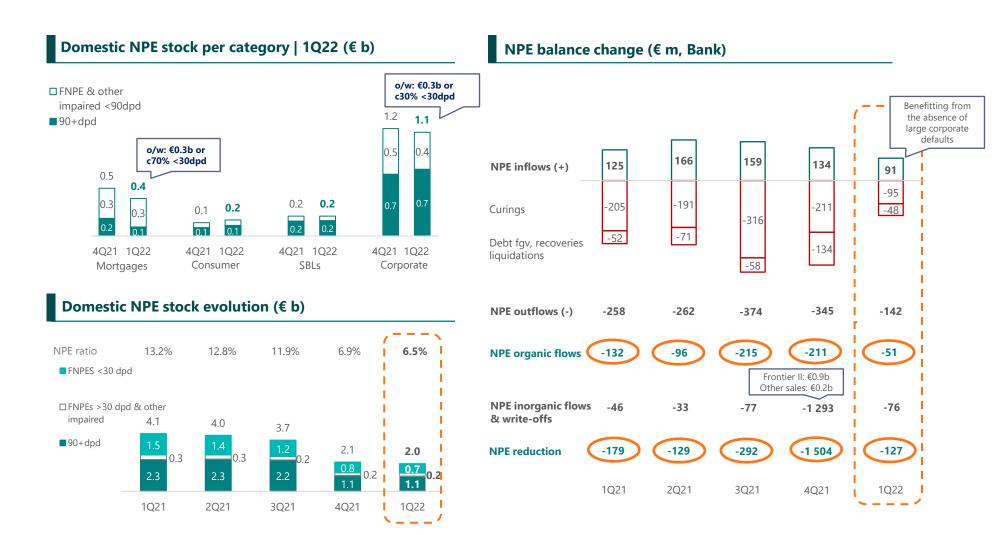


# Group headcount<sup>2</sup> evolution (# k)



<sup>1. 2-</sup>year cumulative change | 2. Excludes employees under discontinued operations National Bank of Greece 1Q22 results









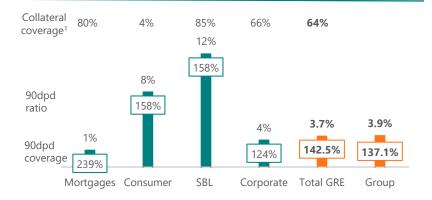
#### Mortgages (€ m) NPE change¹ (€ m) Consumer (€ m) Organic Organic | -132 -99 2 -197 -33 Inorganic -1,293 4Q21 1Q21 2Q21 3Q21 1Q22 1Q21 2Q21 3Q21 4Q21 1Q22 Inorganic SBLs (€ m) Corporate (€ m) -16 1Q22 1Q21 2Q21 3Q21 2Q21 4Q21 1Q22 4Q21 1Q21 3Q21 1Q21 2Q21 3Q21

1Q22

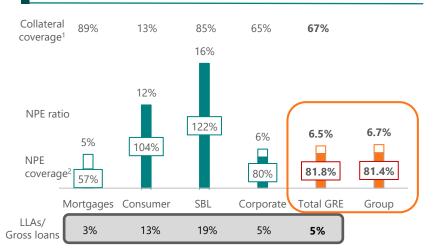
<sup>1.</sup> Bank perimeter, including write offs; includes Frontier II in 4Q21



# Domestic 90dpd ratios and coverage | 1Q22



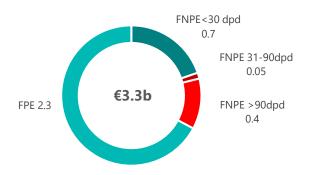
# Domestic NPE ratios and coverage | 1Q22



### Domestic 90dpd – NPE bridge (€ b) | 1Q22



# Domestic forborne stock (€ b) | 1Q22



<sup>.</sup> Collateral coverages are Bank level. | 2. NPE coverage incorporates additional haircuts on the market value of collateral.

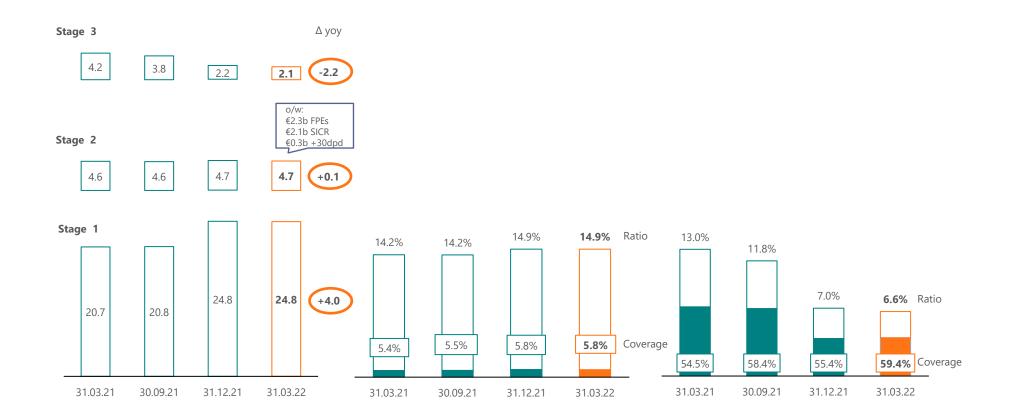


# Gradual substitution of S3 for S1/S2 loans and organic growth of S1 loans will offer increasing support to NII

Group gross loan stage evolution (€ b)

Group S2 ratio and coverage (%)

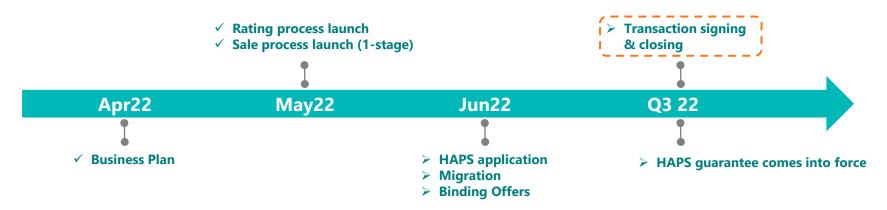
**Group S3 ratio and coverage (%)** 





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### **Timeline & key milestones**



#### **Securitization structure**

- ✓ NBG will transfer the portfolio to an SPV which will issue notes to fund the acquisition of the portfolio:
  - ✓ Senior tranche
  - ✓ Mezzanine tranche
  - ✓ Junior tranche
- ✓ NBG will retain 100% of the senior notes and a 5% vertical slice of mezzanine and junior notes for risk retention purposes
- ✓ The Bank will apply for a HAPS¹ guarantee for the senior notes

#### **Portfolio attributes**

- √ c€1b of GBV
  - (Residential c50%, Corporate & SBLs c40%, Consumer c10%)
- √ >80% secured by real estate collateral (of which c80% first lien)
- ✓ c25k borrowers, c50k loan facilities

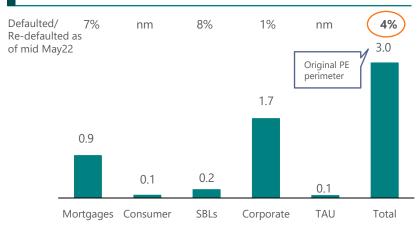


### Despite uncertainty and inflationary pressures, performance of clients previously under support remains good

### **Support measures**

- State subsidy programs (all clients exited YE21):
- **Gefyra I** primary residence borrowers of c€1.4b
- **Gefyra II** SMEs and SBs of €0.8b
- c40% of both programs previously under moratoria
- NPE ratio at c4%
- Early arrears at c2%
- NBG step up facilities (all clients exited YE21):
- "EthnoGefyra" balances of c€70m
- Corporate step up facility c€200m mostly in the hotel and leisure sectors
- NPE ratio at c1%

# Ex-moratoria clients (€ b)



### **Ex-moratoria client performance**

- All NBG clients have exited moratoria as of YE20, with clients subsequently onboarded to step up facilities also exiting as of YE21
- Approximately 4% of ex moratoria clients were over 90dpd as of mid May, nearly 1.5 years post moratoria expiry

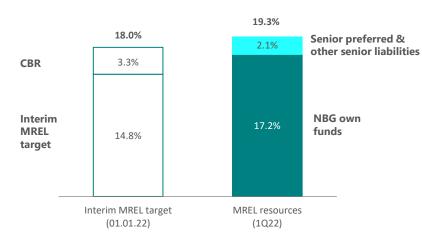




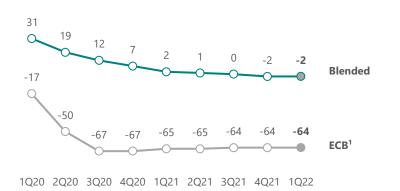




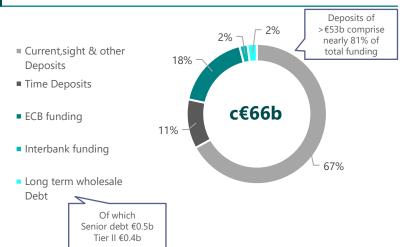
# MREL targets and resources<sup>2</sup> | % RWAs



### **NBG Funding Cost (bps)**



### **Funding structure (%)**





# **Deposit evolution by geography (€ b)** YoY +8.9% Group 48.7 51.6 51.6 53.5 -15.7% 2.0 1.8 1.9 SEE & Other 51.3 |+10.0% 51.5 49.6 49.6 46.6 Greece

3Q21

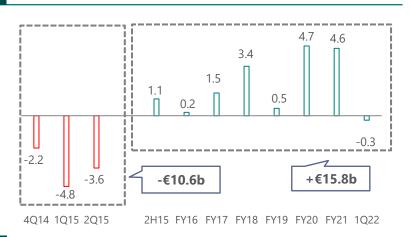
4Q21

1Q22

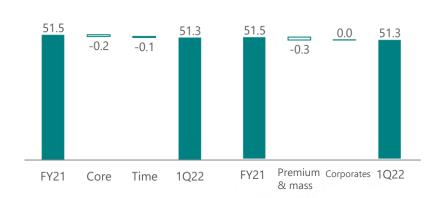
1Q21

2Q21





# Domestic flows ytd (€ b)



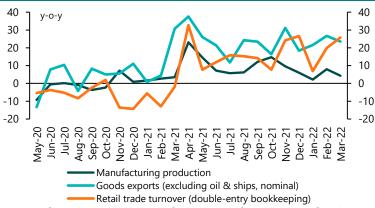


# 3 Macro

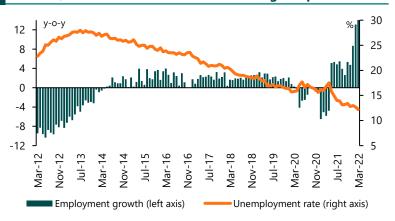




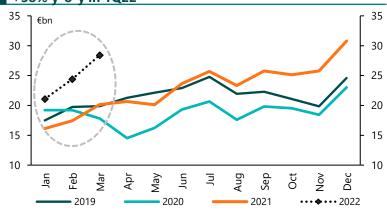
#### Key indicators point to resilient growth in 1Q22



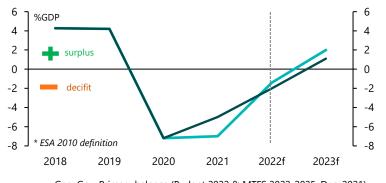
# Unemployment to 12-year low & employment up by 12.0% in 1Q22, with further acceleration in hiring in April



# Business turnover: 30% above its pre-pandemic level and +38% v-o-v in 1Q22



A 2% of GDP budgetary overperformance in 2021 helps finance new support measures in 2022

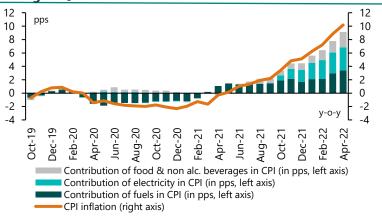


Gen. Gov. Primary balance (Budget 2022 & MTFS 2022-2025, Dec. 2021)
Gen. Gov. Primary balance (Stability Programme 2022, May 2022)

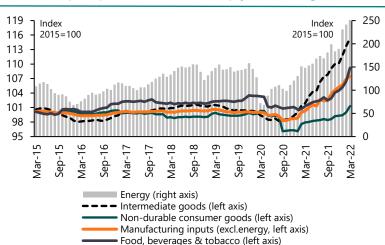
Sources: ELSTAT, Bank of Greece, Hellenic Ministry of Finance



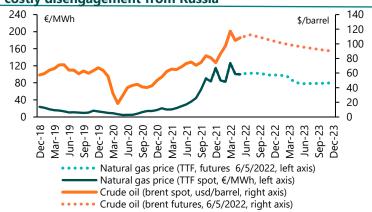




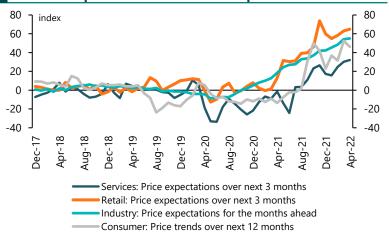
### Greece: Import prices increased sharply to new highs



# Energy markets tend to discount a faster and possibly costly disengagement from Russia



# Greek businesses' selling-price prospects and consumers' inflation expectations remain on an upward trend



Sources: ELSTAT, Bank of Greece, Eurostat, European Commission, FRED, European Energy Exchange, ICE Exchange & NBG Economic Analysis estimates

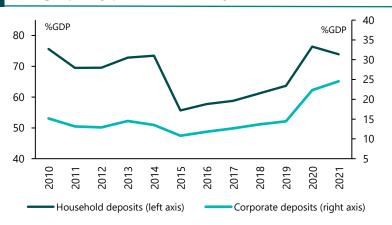
# Supportive labor market conditions, including a 10% increase in minimum wage, new fiscal measures and strong liquidity buffers help cushion the pressure on disposable income



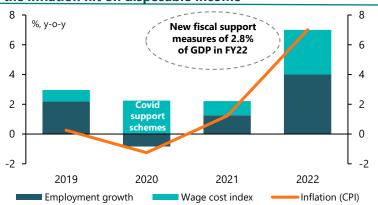
# Resilient sentiment in the business sector until April but increased pressure on the consumer side



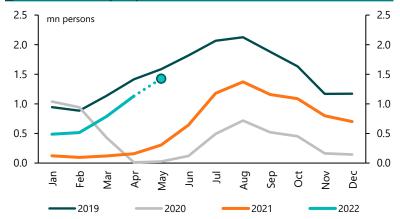
### Strong liquidity position of healthy businesses & households



# Labor market adjustment & fiscal support, cushion part of the inflation hit on disposable income



# International arrivals at Athens International Airport edge closer to their pre-pandemic level



Sources: ELSTAT, Bank of Greece, Athens International Airport, Eurocontrol, European Commission & NBG Economic Analysis estimates



# 4 ESG Update



### We are pushing forward with our environment and climate strategy

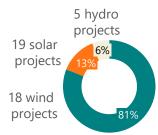
### **Environment strategic themes and recent efforts**

# 1 Lead the market in sustainable energy financing

- Continued utilization of proceeds from Green Bond issued in Oct 2020
- Target of €600m disbursements in period 2022-24 for Renewable Energy projects set in context of UNEP FI PRBs

# **Examples of impact achieved to-date**

### **Allocation of Green Bond proceeds**



c.70% utilization of bond proceeds

**525 MW** renewable capacity installed

**1.1 MtCO<sub>2</sub>** annual GHG emissions avoided by projects financed

# 2 Accelerate transition to a sustainable economy

- Completion of Climate Stress Test submission and active management of climate risks to meet regulatory expectations
- Integration of ESG assessments within credit process and engagement of clients on ESG in Corporate
- New ESG products (investments, loans) and B2C/B2B partnerships (e.g., hybrid/e-cars, photovoltaics) in Retail

### **Corporate**

**1st Greek bank** to approve financing within RRF

(loan to SME to finance investment projects within RRF green transition pillar)

#### Retail

**5 ESG mutual funds** on offer (o/w 2 NBG funds)

>**€60m** green housing-related loans (33% share in 1Q.22 new disbursements for green mortgages)

**c.€58m** green business loans

>800 loans for hybrid/BEV cars

# 3 Role-model environmentally responsible practices

- Implementation of reduction strategies for own emissions
- Restoration of fire-impacted areas and support of fire prevention and awareness
- Enhancement of ESG data, metrics and reporting

### **Energy consumption**

**100%** renewable energy consumption

**1.8 MWp** new P/V installation

**108 tCO<sub>2</sub>** annual GHG emissions avoided by hybrid car fleet



# 5 Transformation Program Update



# BEST BANK FOR OUR CLIENTS (BBC)



- Dedicated processes for RRF opportunities; 1st Greek bank to announce financing via RRF.
- Enhanced partnerships to boost service offering (e.g., EVO, e-bay, ERPs)
- "New generation" investment products and enhanced operating model for investments.

# **EFFICIENCY & AGILITY (ENA)**



- Implementation of actions to optimise capacity in selected Head Office functions.
- Definition of capacity plans for additional Head Office functions.
- Roll-out of actions to reduce Head
   Office real estate spend in line with new
   flexible working models.

### HEALTHY BALANCE SHEET (HBS)



- Completion of Frontier portfolio migration and rollout of new Troubled Assets operating model.
- Successful containment of NPE flows through organic measures.
- Continuation of efforts to deleverage legacy portfolios remaining post-Frontier.

#### **DIGITAL LAYER**

# TECHNOLOGY & PROCESSES (TEP)



- Continuation of core process reengineering and centralizations (in Corporate and Small Business).
- Implementation of new Core Banking System (CBS); program on track.
- Application of new technologies (incl. RPAs, Al, OCR and Blockchain) and paperless capabilities.

# PEOPLE, ORGANISATION & CULTURE (POC)



- Roll-out of new performance management system (PMS) and new incentive scheme across the Bank.
- Flagship NBG Academy customer orientation programs for Branches.
- Launch of 2nd Employee Engagement Survey as part of culture/change management program.

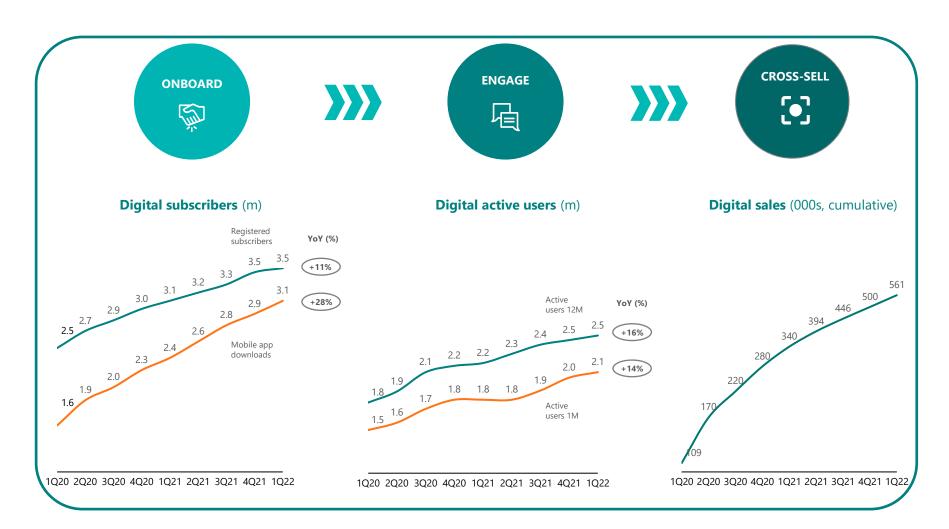
# ESG & ENTERPRISE RISK MANAGEMENT (ESG/ERM)



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- Definition of emissions reduction paths and targets, and further detailing of ESG strategies.
- Enhancement of ESG data, metrics and reporting.
- Integration of ESG assessments within credit process for Corporates, and active management of climate risks.





#### Notes:

- Digital active customers have used NBG's Internet Banking and/or Mobile Banking at least once in the last 12 months (12m) or in the last month (1m)
- Digital sales include sales to both Individuals & Businesses



# 6 Appendix



# Balance Sheet<sup>1</sup> | Group

€m	1Q22	4Q21	3Q21	2Q21	1Q21
Cash & Reserves	14,530	15,827	11,587	11,001	10,587
Interbank placements	3,715	3,639	3,152	2,906	3,037
Securities	14,708	15,251	16,093	16,152	17,000
Loans (Gross)	35,005	32,093	32,555	32,835	29,750
Provisions (Stock)	(1,653)	(1,655)	(2,625)	(2,685)	(2,696)
Goodwill & intangibles	374	353	320	299	284
RoU assets	1,197	1,160	1,146	1,157	1,175
Property & equipment	492	495	497	491	482
DTA	4,877	4,912	4,913	4,912	4,915
Other assets	6,246	7,388	7,284	7,682	7,411
Assets held for sale	700	4,493	6,685	6,399	6,381
Total assets	80,192	83,958	81,610	81,148	78,326
Interbank liabilities	15,191	14,731	13,929	13,916	13,802
Due to customers	53,059	53,493	51,572	51,652	48,732
Debt securities	1,002	991	973	994	982
Other liabilities	3,799	4,315	4,797	4,474	4,734
Lease liabilities	1,278	1,239	1,219	1,230	1,246
Liabilities held for sale	25	3,417	3,406	3,371	3,333
Non-controlling interest	21	22	21	21	21
Equity	5,815	5,751	5,692	5,490	5,477
Total equity and liabilities	80,192	83,958	81,610	81,148	78,326

# P&L<sup>1</sup> | Group

€m	1Q22	4Q21	3Q21	2Q21	1Q21
NII	288	308	308	300	296
Net fees & commissions	85	74	74	70	68
Core Income	373	382	382	370	364
Trading & other income	120	(9)	(36)	(42)	491
Total Income	493	374	346	328	855
Operating Expenses	(192)	(212)	(188)	(190)	(193)
Core Pre-Provision Income	181	170	194	180	171
Pre-Provision Income	301	161	158	138	662
Loan Impairment	(56)	(57)	(65)	(75)	(76)
<b>Core Operating Profit</b>	125	121	129	106	95
Operating Profit	245	105	93	64	586
Taxes	(37)	(5)	(6)	(2)	(3)
PAT (cont. ops)	208	100	87	62	583
PAT (discont ops & other)	152	0	104	(44)	(26)
PAT	360	100	192	18	557



# Greece

	<u>,                                    </u>				
€m	1Q22	4Q21	3Q21	2Q21	1Q21
NII	270	292	291	283	280
Net fees & commissions	80	70	69	66	64
Core Income	350	362	360	349	343
Trading & other income	111	(12)	(38)	(42)	490
Total Income	461	350	322	306	834
Operating Expenses	(179)	(194)	(172)	(174)	(179)
Core Pre-Provision Income	171	168	188	175	164
Pre-Provision Income	282	156	150	132	655
Loan Impairment	(50)	(34)	(59)	(70)	(75)
<b>Core Operating Profit</b>	121	141	129	105	89
<b>Operating Profit</b>	231	121	91	63	580
Taxes	(33)	(3)	(5)	(0)	(2)
PAT (cont. ops)	198	118	87	62	578
PAT (discont. ops & other)	150	5	101	(48)	(25)
PAT	348	123	188	14	553

# International<sup>1</sup>

	,				
€m	1Q22	4Q21	3Q21	2Q21	1Q21
NII	18	16	18	17	16
Net fees & commissions	5	4	5	4	4
Core Income	23	20	22	21	21
Trading & other income	10	4	2	0	1
Total Income	32	24	24	22	22
Operating Expenses	(13)	(19)	(16)	(16)	(15)
Core Pre-Provision Income	10	2	7	6	6
Pre-Provision Income	19	5	8	6	7
Loan Impairment	(5)	(22)	(7)	(5)	(1)
<b>Core Operating Profit</b>	4	(20)	0	0	5
<b>Operating Profit</b>	14	(17)	2	1	6
Taxes	(4)	(1)	(1)	(2)	(1)
PAT (cont. ops)	10	(18)	4	3	5



### ESMA Alternative Performance Measures (APMs), definition of financial data and ratios used

The 1Q22 Financial Results Press Release contains financial information and measures as derived from the Group financial statements for the period ended 31 March 2022 and for the year ended 31 December 2021, which have been prepared in accordance with International Accounting Standard 34 "Interim Financial Reporting" and International Financial Reporting Standards ("IFRS"), as endorsed by the EU respectively. Additionally, it contains financial data which is compiled as a normal part of our financial reporting and management information systems. For instance, financial items are categorized as foreign or domestic on the basis of the jurisdiction of organization of the individual Group entity whose separate financial statements record such items.

Moreover, it contains references to certain measures which are not defined under IFRS, including "pre-provision income" ("PPI"), "net interest margin" and others, as defined below. These are non-IFRS financial measures. A non-IFRS financial measure is one that measures historical or future financial performance, financial position or cash flows but which excludes or includes amounts that would not be so adjusted in the most comparable IFRS measure. The Group believes that the non-IFRS financial measures it presents allow a more meaningful analysis of the Group's financial condition and results of operations. However, the non-IFRS financial measures presented are not a substitute for IFRS measures.



# Definition of financial data, ratios used and alternative performance measures

Name	Abbreviation	<b>Definition</b>
Assets held for sale		Non-current assets held for sale
Balance Sheet	B/S	Statement of Financial Position
Cash & Reserves		Cash and balances with central banks
Common Equity Tier 1 Ratio	CET1 ratio	CET1 capital as defined by Regulation No 575/2013, with the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs
Common Equity Tier 1 Ratio Fully Loaded	CET1 FL ratio	CET1 capital as defined by Regulation No 575/2013, without the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs
Core Income	CI	Net Interest Income ("NII") + Net fee and commission income
Core Operating Result / Profit / Profitability (Loss)	y/ <sub>COP</sub>	Core income less operating expenses and loan impairments, excluding the Frontier provision release of €0.2b in 3Q21
Core Pre-Provision Income	Core PPI	Core Income less operating expenses
Core Pre-Provision Margin	Core PPI Margin	Core PPI annualized over average net loans
Cost of Risk	CoR	Loan impairments of the year (or of the period annualized), excluding the Frontier provision release of €0.2b in 3Q21, over average net loans, excluding the reverse repo facility of c€3b in 1Q22, 3Q21 and 2Q21
Cost-to-Core Income	C:CI	Operating expenses over core income
Debt securities		Debt securities in issue plus other borrowed funds
Deposit Yields		Annualized interest expense on deposits over deposit balances
Deposits		Due to customers
Depreciation		Depreciation and amortisation on investment property, property & equipment including right of use assets and software & other intangible assets
Disbursements		Loan disbursements for the year/period not considering rollover of working capital repaid and increase of unused credit limits
Discontinued operations, minorities & other	er	Includes PAT from discontinued operations, non-controlling interest, as well as the LEPETE charge, VES and restructuring costs and other one off costs, as well as the Frontier provision release
Fees / Net Fees		Net fee and commission income
Forborne		Exposures for which forbearance measures have been extended according to EBA ITS technical standards on Forbearance and Non-Performing Exposures
Forborne Non-Performing Exposures	FNPEs	Exposures with forbearance measures that meet the criteria to be considered as non performing according to EBA ITS technical standards on Forbearance and Non-Performing Exposures
Forborne Performing Exposures	FPEs	Exposures with forbearance measures that do not meet the criteria to be considered as non performing according to EBA ITS technical standards on Forbearance and Non-Performing Exposures and forborne exposures under probation period
Funding cost/Cost of funding	-	The weighted average cost of deposits, ECB refinancing, repo transactions, as well as covered bonds and securitization transactions
General and administrative expenses	G&As	General, administrative and other operating expenses
Gross Loans/ Gross Book Value (GBV)		Loans and advances to customers at amortised cost before ECL allowance for impairment on loans and advances to customers at amortised cost and Loans and advances to customers mandatorily measured at FVTPL
Goodwill & Intangibles		Goodwill, software and other intangible assets
Held-for-sale	HFS	Non-current assets held for sale
HR cost		Personnel cost
Interbank liabilities/placements		Due to banks
Interest earning assets	IEAs	Interest earning assets include all assets with interest earning potentials and includes cash and balances with central banks, due from banks, financial assets at fair value through profit or loss (excluding Equity securities and mutual funds units), loans and advances to customers and investment securities (excluding equity securities and mutual funds units)
Lease liabilities		Lease liabilities are presented separately and they are included in Other liabilities
Liabilities held for sale		Liabilities associated with non-current assets held for sale
Liquidity Coverage Ratio	LCR	The LCR refers to the liquidity buffer of High Quality Liquid Assets (HQLAs) that a Financial Institution holds, in order to withstand net liquidity outflows over a 30 calendar-day stressed period, as per Regulation (EU) 2015/16
Loan Impairments		Impairment charge for Expected Credit Loss (ECL), excluding the Frontier provision release of €0.2b in 3Q21



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# Definition of financial data, ratios used and alternative performance measures

Lang (Landing Wald		
Loan / Lending Yield		Annualized (or annual) loan interest income over gross performing exposures
Loans-to-Deposits Ratio	L:D ratio	Loans and advances to customers over due to customers, at year end or period-end, excluding the reverse repo facility of c€3b in 1Q22, 3Q21 and 2Q21
Minorities		Non-controlling interest
Net Interest Margin	NIM	Net interest income over average interest earning assets. Net Interest Margin equals net interest income divided by the average of interest earning assets (the average of interest earning assets at the end of the current year and the end of the previous year and all quarter ends in between (5 periods) for the year end).
Net Stable Funding Ratio	NSFR	The NSFR refers to the portion of liabilities and capital expected to be sustainable over the time horizon considered by the NSFR over the amount of stable funding that must be allocated to the various assets, based on their liquidity characteristics and residual maturities
Net Loans		Loans and advances to customers
Non-Performing Exposures	NPEs	Non-performing exposures are defined according to EBA ITS technical standards on Forbearance and Non-Performing Exposures as exposures that satisfy either or both of the following criteria: (a) material exposures which are more than 90 days past due, (b) the debtor is assessed as unlikely to pay its credit obligations in full without realization of collateral, regardless of the existence of any past due amount or of the number of days past due
Non-Performing Exposures Coverage Ratio	NPE coverage	ECL allowance for impairment for loans and advances to customers divided by NPEs, excluding loans and advances to customers mandatorily measured at FVTPL, at year/period end
Non-Performing Exposures Organic Formation	NPE organic formation	NPE balance change at year end / period end, excluding sales and write-offs
Non-Performing Exposures Ratio	NPE ratio	NPEs divided by loans and advances to customers at amortised cost before ECL allowance for impairment, at the end of year/period, excluding the reverse repo facility of c€3b in 1Q22, 3Q21 and 2Q21
Non-Performing Loans	NPLs	Loans and advances to customers at amortised cost in arrears for 90 days or more
Non-Personnel expenses / Expenses		G&As + Depreciation
90 Days Past Due Coverage Ratio	90dpd coverage	ECL allowance for impairment for loans and advances to customers over gross loans in arrears for 90 days or more excluding loans mandatorily classified as FVTPL, year/period end, over gross loans in arrears for 90 days or more excluding loans mandatorily classified as FVTPL at year/period end
90 Days Past Due Ratio	90dpd / NPL ratio	NPLs at year/period end divided by loans and advances to customers at amortised cost before ECL allowance for impairment at year/period end, excluding the short term reversive repo facility of c€3b in 1Q22, 3Q21 and 2Q21
Operating Expenses / Costs / Total Costs	ОрЕх	Personnel expenses + G&As + Depreciation, excluding the defined contributions for LEPETE to e-EFKA, and other one off expenses. More specifically, for 1Q22 operating expenses exclude personnel expenses of €9m related to defined contributions for LEPETE to e-EFKA charge and other one-off costs of €1m. For 1Q21, operating expenses exclude personnel expenses of €9m related to defined contributions for LEPETE to e-EFKA charge and other one off costs of €8m
Operating Result / Operating Profit / (Loss)		Total income less operating expenses and loan impairments
Other Assets		Derivative financial instruments plus Investment property plus Equity method investments plus Current income tax advance plus Other assets
Other Impairments		Impairment charge for securities + other provisions and impairment charges on properties
Other liabilities		Derivatives financial instruments plus Deferred tax liabilities plus Retirement benefit obligations plus Current income tax liabilities plus other liabilities per FS excluding lease liabilities
Performing Loans / Exposures	PEs	Gross loans less NPEs, excluding the short term reverse repo facility of c€3b in 1Q22, 3Q21 and 2Q21
Profit / Loss) for the Period from Continuing Operations	PAT from continuing operations / PAT (cont. ops)	Profit for the period from continuing operations, excluding VES and restructuring costs, other one off expenses & defined contributions for LEPETE to e-EFKA. PAT (cont. ops) excludes the defined contribution for LEPETE to e-EFKA charge of €9m, VES, restructuring and other one-off costs totaling €61m for 1Q22 and the defined contribution for LEPETE to e-EFKA charge of €9m and VES, restructuring and other one-off costs totaling €62m for 1Q21
Property & Equipment		Property and equipment excluding RoU assets
Pre-Provision Income	PPI	Total income less operating expenses, before loan impairments
Profit and Loss	P&L	Income statement
Provisions (Stock) / Loan Loss Allowance	LLAs	ECL allowance for impairment on loans and advances to customers at amortised cost
Return on Tangible Equity	RoTE	Calculated as core PAT (PAT from cont. ops. excluding trading & other income and one off income / expenses) over tangible equity normalized at 16% for excess capital
Risk Weighted Assets	RWAs	Assets and off-balance-sheet exposures, weighted according to risk factors based on Regulation (EU) No 575/2013
RoU assets		RoU assets are presented separately and they are included in Property and equipment
Securities		Investment securities and financial assets at fair value through profit & loss
	TBV	Equity attributable to NBG shareholders less goodwill, software and other intangible assets
Tangible Equity / Book Value		Tax benefit / (expenses)
Taxes		
Taxes Total Capital Ratio	 	Total capital as defined by Regulation No 575/2013, with the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs
Tangible Equity / Book Value Taxes Total Capital Ratio Total Group Deposits Total Lending Yield / Lending Yield	  	



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