

## **FY22 Financial Results**

14 March 2023







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# 1 Key Highlights

### **Group highlights: performance far exceeds 2022 guidance**



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**FY22 PAT**attrib. **€1,120m** up +29% yoy

*FY22 COP* **€695***m* 

up +57% yoy vs guidance of c€0.5b

**Core income €1,717m**<sub>up +15% yoy</sub>

C:CI
46.9% -540bps yoy
fulfilling already the previous
2024 target

Performing loans <sup>1</sup> +€2.5b yoy, at €27.7b vs target of +€1.5b Net NPEs <sup>1</sup> €0.2b

NPEs at €1.6b

NPE ratio <sup>1</sup>5.1%

CET1 FL 15.7% vs target of 15.2%

Disbursements<sup>2</sup> +39% yoy
at €6.7b

NPE Coverage<sup>1</sup>
88%
S3 coverage at 58%

vs target of c6%

Total Capital FL 16.8%

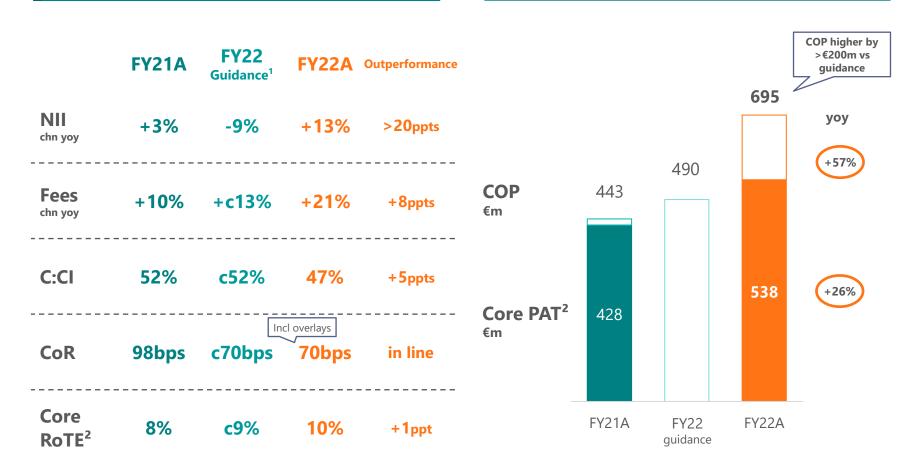
<sup>1.</sup> Domestic level | 2 Bank level





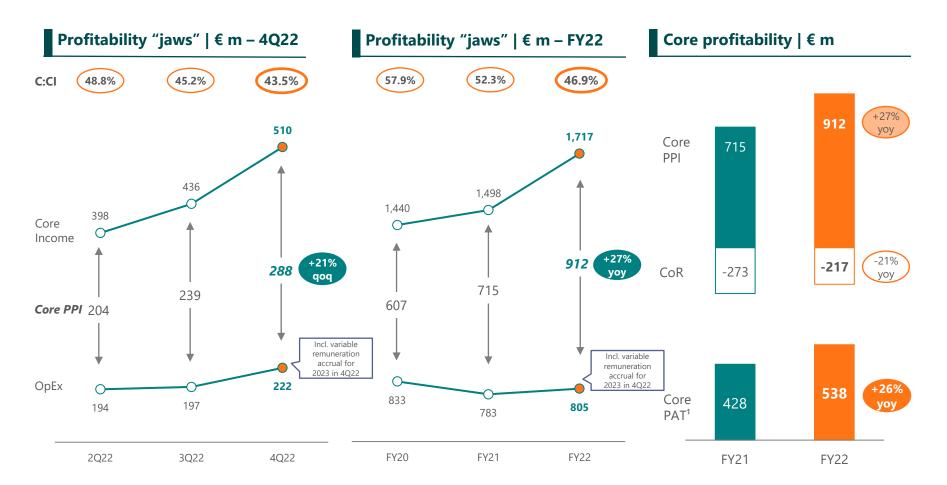
#### **Key P&L performance indicators**

#### **Core profitability**





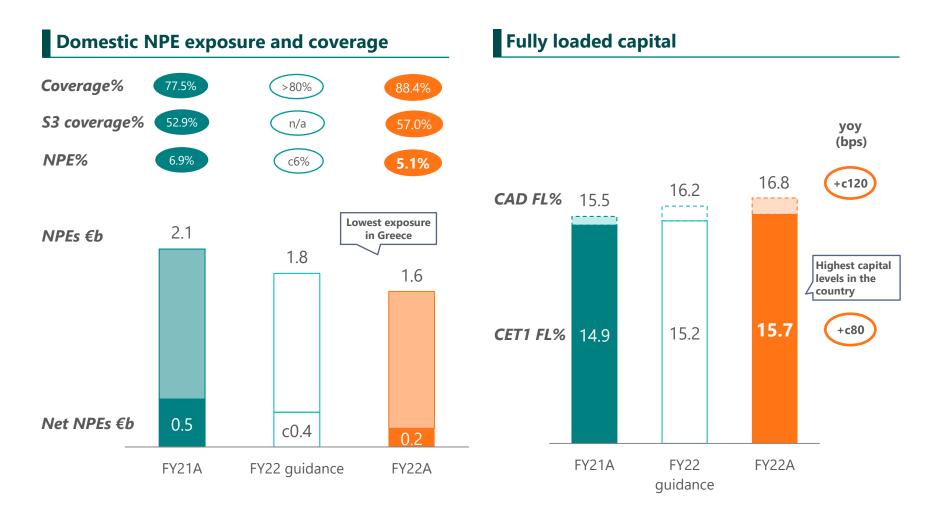
### ..reflecting impressive and continuing core income growth



<sup>1.</sup> Core PAT excludes trading and other income







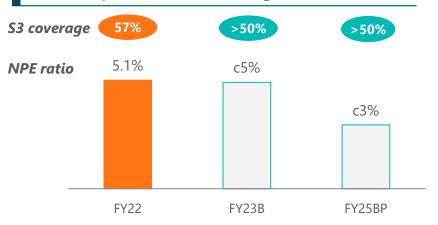


### **Guidance 2023-25: targeting a core RoTE of >12% and EPS accretion of >50%**

### Core profitability & returns

	FY22	FY23	FY25		
PE loan growth <sup>1</sup>	+10%	+7% CAGR			
NIM bps	213	+40	flat		
C:CI	47%	c42%	c40%		
CoR	70bps	c80bps	c60bps		
CET1 FL	15.7%	>350bps net organic capital generation <sup>2</sup>			
EPS³ €	0.59	c0.75	c0.9		
Core RoTE <sup>4</sup>	10%		> 12% bps incremental ROTE in 3yrs		

#### **NPE**<sup>5</sup> exposure and coverage



#### **Key macroeconomic assumptions in BP**

Greece	FY22	FY23	FY24	FY25
Real GDP growth %	6.1	1.6	2.7	2.6
CPI yoy growth %	9.6	5.6	3.3	2.4
Unemployment rate aop, %	12.4	12.3	11.6	11.1
<b>ECB DFR</b> aop <sup>6</sup> , bps	200	250	250	250
RRE prices yoy growth %	10.4	1.8	3.6	4.0

<sup>1</sup> Domestic level; factoring in disbursements net of repayments | 2 Profitability net of RWA expansion and DTC amortization | 3 Calculated as core PAT over outstanding ordinary shares | 4 Calculated as core PAT (excl. trading and other income) over avg tangible equity, without adjusting for excess capital | 5 Domestic level | 6 eop for FY22

National Bank of Greece FY22 Financial Results

Key Highlights



# 2 Macro



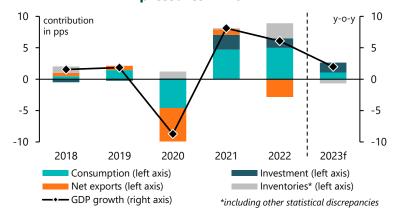
#### Economic growth remained on a robust upward trend in FY22 overcoming inflation-induced risks

Steadily
improving
labor market
conditions,
business
adaptability,
and fiscal
support
helped
cushion
inflation and
terms-of-trade
pressures

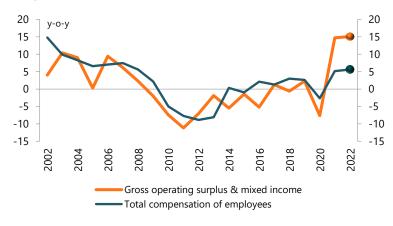
Resilient activity until 4Q22 with FY22 GDP growth at 6.1% (s.a. data) underpinned by:

- **Strong labor market**, with employment increasing by an average pace of 5.5% y-o-y in FY22, and wage and non-wage income rising to the highest level in 11 years
- Increased fiscal support (€11.5b, in gross terms, in FY22), mainly in the form of energy subsidies
- Tourism revenue bounced back to pre-pandemic highs (at €17.6b in FY22, +68% y-o-y), bolstering business activity and personal income
- Business turnover surged to €386b in FY22, up by 40% y-o-y (+25% excluding the energy sector and by 16% y-o-y in constant price terms)
- Corporate profits climbed to a 12-year high of c€40b in FY22 confirming high adaptability and robust pricing power
- **Substantial credit impulse** (annual net bank lending flows to the private sector of €7.0b in FY22, +3.3pps of GDP vs +1pp in 2021)
- Net exports are estimated to have subtracted c3pps from GDP growth in FY22 as the increase in investment-led goods imports, has outpaced exports (in nominal and real terms)

### Strong consumption and investment offset external pressures in 2022



#### Synchronized rebound in labor income and profits



Sources: ELSTAT & NBG Economic Analysis estimates

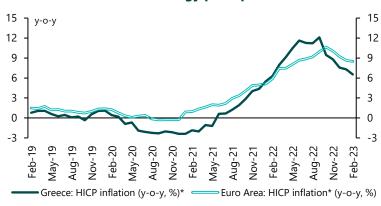


#### Sustainable growth catalysts for 2023 against weakened external conditions

Encouraging early signs for 2023

- Inflation pressures are easing, with Greece's HICP growth slowing to 6.5% y-o-y in February 2023, from 8.6% in 4Q22 and 11.5% in 3Q22, due to falling energy prices
- Strong cyclical tailwinds bolstered fiscal outcomes in FY22 and gave rise to strong carryover effects in 2023, supporting the achievement of the targeted primary surplus in FY23 and a further decline in the debt-to-GDP ratio to c160% in 2023, following an impressive 25pp drop in FY22
- Encouraging early signs from flight and cruise planning data that appear to exceed their 2019 levels, provide further upside for FY23 tourism revenue outcomes
- Euro area economy more resilient than previously expected

#### Inflation decelerates as energy price pressures have eased



\* February 2023 values refer to European Commission's flash estimates published on March 2nd

Strong investment potential, lower inflation and resilient consumption drivers

- Solid fixed capital investment, on the back of a strong pipeline of new private investment projects and capacity expansion needs
- The investment impact of RRF will start to strengthen from 2023 onwards due to timing lags between the funds' absorption (€11b of grants and loans until early 2023, c1/3 of total available funding for Greece) and final capital spending
- €14b of inward FDI investment in 2020-22 with FDI at an all-time high in 2022, will prompt additional capital formation
- Strong liquidity buffers of the State and the Greek private sector, with public sector liquidity reserves at €37b and private sector deposits at a 12-year high in FY22

### Fixed capital investment spending will play a pivotal role in 2023 growth outcomes

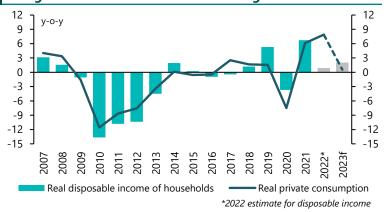


Sources: ELSTAT, Eurostat & NBG Economic Analysis estimates

## Strong labor market, high business adaptability, and additional government measures cushioned the inflation shock in 2022 and will continue to support growth in 2023



### The inflation drag on disposable income has been offset by rising labor and non-labor income and government subsidies



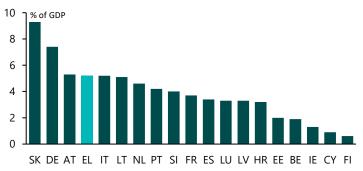
#### Corporate profits at a 12-year high despite surging costs



### Unemployment at a 13-year low of 10.8% in January 2023, employment up by 3.0% y-o-y (+120K persons y-o-y)



Sizeable energy-related fiscal support in 2022, more targeted in 2023, with clear signs of easing in energy market tensions



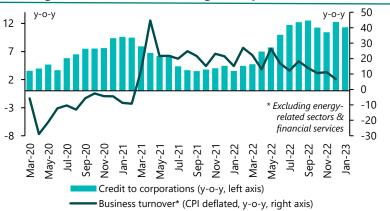
■ Allocated funding in % of GDP (gross value of measures)\*

<sup>\*</sup>Covering the period Sep 2021-Jan 2023

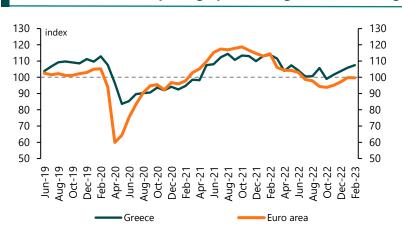


#### Credible growth drivers, strong liquidity and encouraging signs from high-frequency indicators through to early-2023 NATIONAL BANK

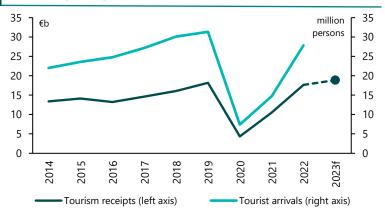
### Buoyant business turnover growth and accelerating bank lending towards an underleveraged corporate sector



#### Economic sentiment is picking up exceeding euro area average



#### Further upside potential for tourism in 2023



#### **ESI & sectoral confidence indicators**

(deviation from 15-year average, Greece & Euro area, February 2023)

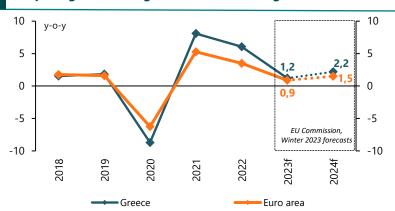


Sources: ELSTAT, Bank of Greece, European Commission & NBG Economic Analysis estimates

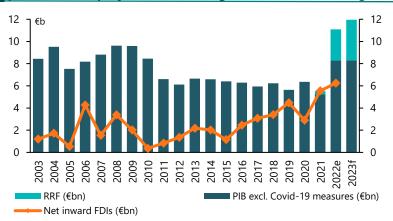
# Greece should maintain a positive growth differential vis-à-vis the euro area, on the back of strong investment, slowing inflation and a cyclically-driven fiscal rebalancing, that pave the way for a rating upgrade



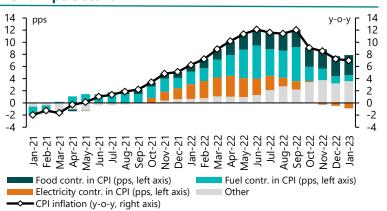
#### Outpacing euro area growth on a recurring basis



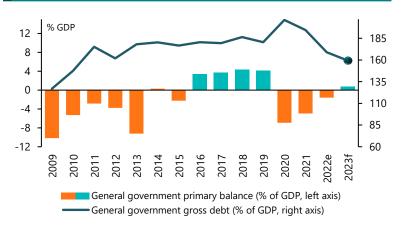
Public investment and FDI at all-time highs, along with mature private sector projects, set the stage for investment-led growth



### CPI inflation has decelerated but food and core inflation remain persistent



Fiscal rebalancing in 2023: Public debt at a 13-year low of c160% of GDP and the primary balance in surplus



Sources: ELSTAT, Greek Ministry of Finance, Bank of Greece, European Commission & NBG Economic Analysis estimates



# **Financial Results**



#### Accelerating core profitability reflects impressive core income expansion and contained operating costs

#### **P&L Highlights**

FY22 Group attributable PAT reaches €1.1b, driven by strong core operating profitability, up by +57% yoy to €0.7b, far exceeding FY22 COP guidance of €0.5b.

Key drivers of this performance:

- Accelerating NII recovery throughout 2022, reaching +21% qoq in 4Q22, reflecting positive volume effects in 1H22, complemented by base rate repricing in 2H22, despite a significant reduction of NPE NII from the last leg of our NPE clean up, as well as lower TLTRO NII
- **Sustained strong Fee income growth** from all business areas, up by +21% yoy, driven by transaction volumes
- Contained operating expenses, up by +3% yoy, despite high inflation of c9.5% for FY22 and our on-going strategic IT investment plan
- CoR conservatively remained in the 70bps area throughout 2022 (-29bps yoy) despite consistently negative organic formation leading to increased coverage levels

The strong recovery in core income combined with relatively inelastic costs led **our FY22 group C:Cl lower by more than 5ppts yoy, with the 4Q22 metric down to a record low of 43.5%** 

#### P&L | Group

€m	FY22	FY21	YoY	4Q22	QoQ
NII	1 369	1 212	+13%	421	+21%
Net fee & commission income	347	287	+21%	89	+1%
Core Income	1 717	1 498	+15%	510	+17%
Trading & other income	344	404	-15%	32	>100%
Total Income	2 060	1 902	+8%	542	+21%
Operating Expenses	(805)	(783)	+3%	(222)	+13%
Core PPI	912	715	+27%	288	+21%
PPI	1 255	1 119	+12%	320	+28%
Loan Impairments	(217)	(273)	-21%	(57)	+3%
Core Operating Profit	695	443	+57%	231	+26%
Operating Profit	1 039	847	+23%	263	+35%
Taxes	(157)	(15)	>100%	(34)	+5%
PAT	881	832	+6%	229	+41%
EVO payments (NBG pay acq.)	237	-	nm	237	nm
Disc. ops, minorities & other	2	35	-96%	(26)	-7%
PAT attributable	1 120	867	+29%	440	>100%

Key P&L ratios	FY22	FY21	YoY	4Q22	QoQ
NIM (bps)	213	212	+1	259	+46
Cost-to-Core Income (%)	46.9%	52.3%	-5.4pps	43.5%	-1.7pps
COP margin (bps)	223	160	+63	291	+57
CoR (bps)	70	98	-29	72	+1
Core RoTE (%)	9.6%	8.2%	+1.4%	13.6%	+2.7%

#### PEs up by €2.5b in 2022, NPE<sup>1</sup> ratio drops to 5.1%, while CET1 FL ratio increases by >80bps yoy

#### **Balance sheet Highlights**

#### Domestic PE loan book expands by an impressive +€2.5b yoy

- Factoring in a very strong 4Q22 with disbursements amounting to €2.7b,
   domestic PEs reached €27.7b
- FY22 disbursements² reached €6.7b, up by nearly 40%, comprised mostly of corporates (c83% of total), while retail new production also picked up sharply (+c30% yoy) reaching €1.2b

#### NPE stock<sup>1</sup> at €1.6b or just €0.2b net of provisions

- Consistently negative organic NPE flows, combine with contained defaults and redefaults. For FY22, negative organic formation reached
   -€0.3b (-c€0.5b with inorganic actions and write offs)
- Reflecting encouraging formation trends as well as strong loan book expansion, our NPE ratio<sup>1</sup> dropped by c80bps qoq and c1.8ppts yoy to 5.1% (5.2% Group)
- NPE coverage<sup>1</sup> keeps rising on the back of FY22 CoR of 70bps, to over 88% (Group level S3 coverage at 58%)

#### FL CET1 at 15.7%, FL total capital at 16.8%

Strong FY22 profitability comfortably covers sharp RWA expansion;
 CET1 FL capital up by +c50bps gog and >80bps yoy

#### Key P&L Ratios | Group

	4Q22	3Q22	2Q22	1Q22	4Q21
NIM (bps)	259	213	194	182	206
Cost : Core Income ratio	43%	45%	49%	52%	56%
Core PPI margin (bps)	362	305	264	238	237
CoR (bps)	72	71	63	73	79
COP margin (bps)	291	234	201	164	158

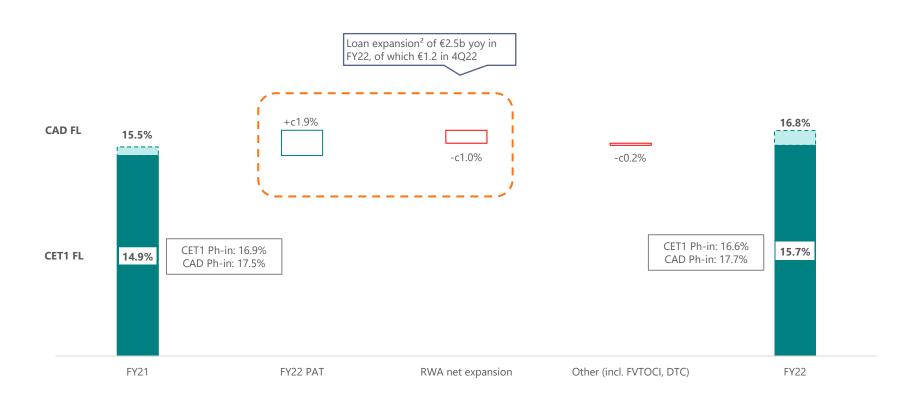
#### **Key Balance Sheet Ratios | Group**

	4Q22	3Q22	2Q22	1Q22	4Q21
Liquidity					
Loans-to-Deposits	59%	56%	58%	57%	57%
LCR	259%	249%	259%	255%	242%
Asset quality					
NPE ratio	5.2%	6.1%	6.3%	6.7%	7.0%
NPE coverage	87.3%	82.1%	80.3%	81.4%	77.2%
Capital					
CET1 <sup>3</sup>	16.6%	16.2%	16.0%	16.1%	16.9%
CET1 FL <sup>3</sup>	15.7%	15.2%	15.0%	15.1%	14.9%
RWAs⁴ (€ b)	36.4	35.1	35.1	34.4	34.7



€36.4b

#### FY22 FL capital movement<sup>1</sup>



1 Including period PAT | 2 Domestic PE expansion

€34.7b

**RWAs** 

(phased-in)



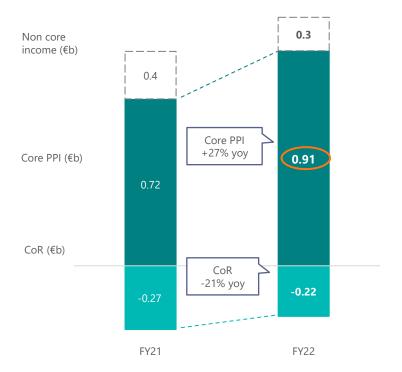


#### Group core operating profit bridge FY22 (€ m)

## +57% yoy OpEx +3% yoy +21% yoy 695 +61 +13% yoy -13 +158 -9 CoR at 70bps in FY22 443 Acades Alanmaiments

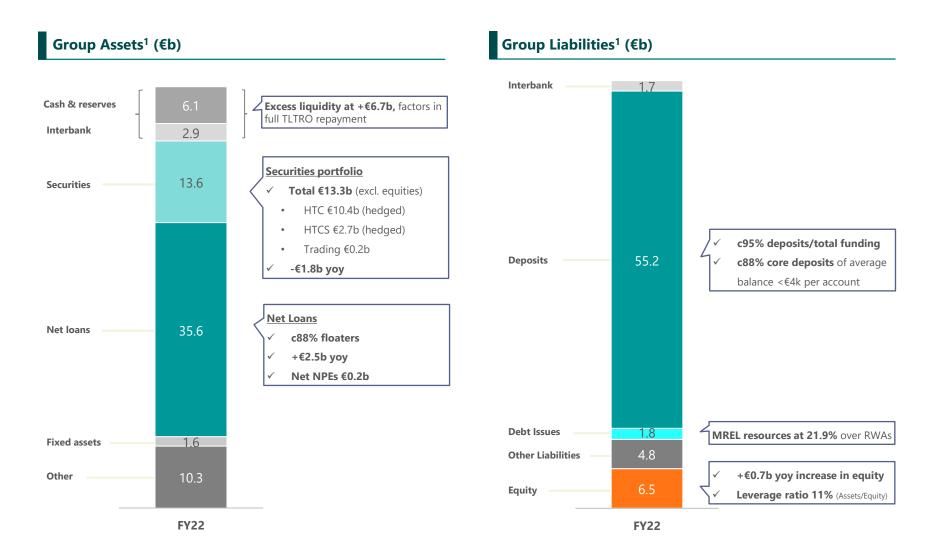
#### **Group operating profit decomposition FY22 (€ b)**







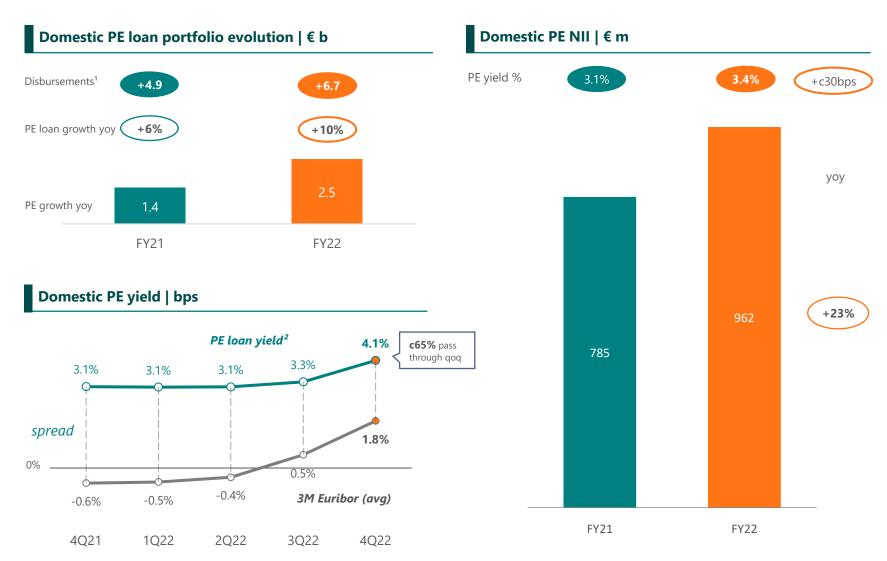
#### A high quality balance sheet, well positioned in the current choppy financial environment



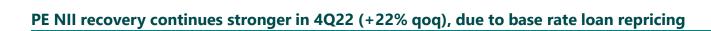
<sup>1</sup> Balance sheet net of TLTRO repayment



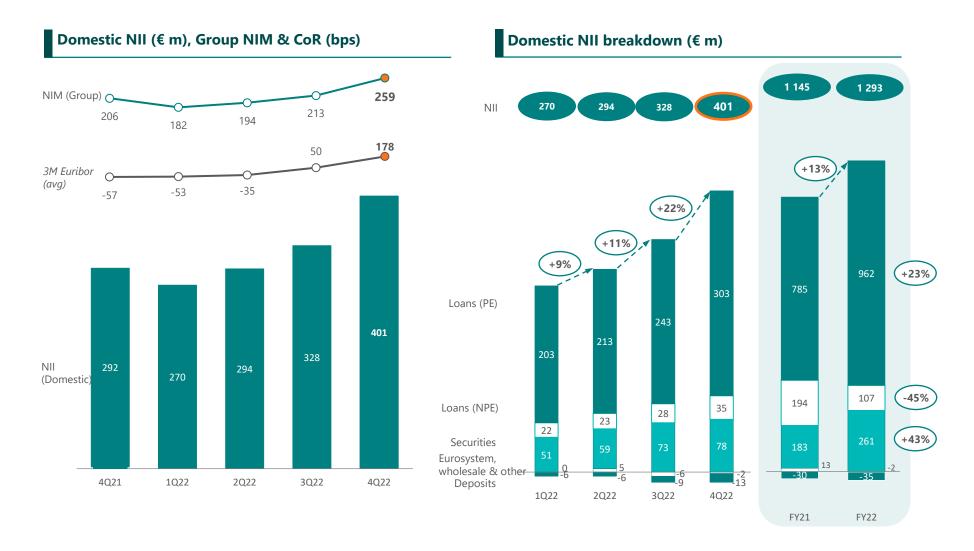
#### FY22 PE NII grows by 23% yoy driven by higher volumes (+10% yoy) and rates (+c30 bps yoy in 2022)



<sup>1.</sup> Bank level | 2 Excluding shipping



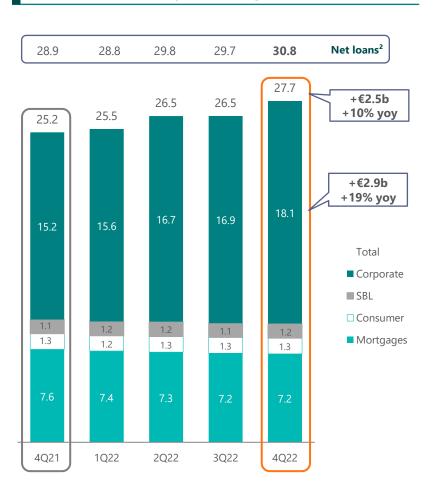




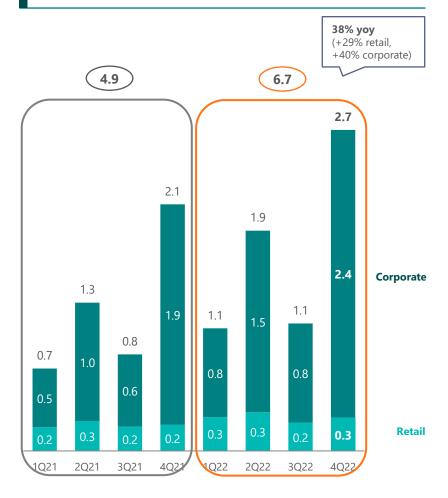




#### Greek loan evolution | performing loans (€ b)



#### Bank Loan disbursements<sup>1</sup> (€ b)

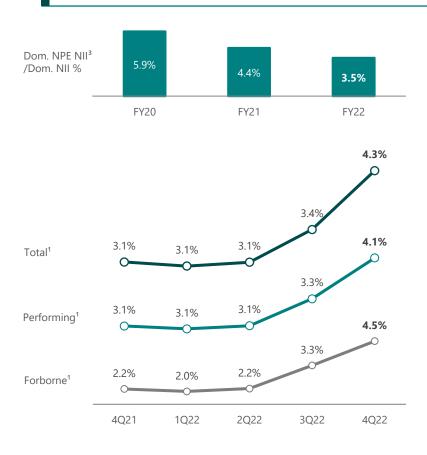




#### Greek PE lending yields (bps)

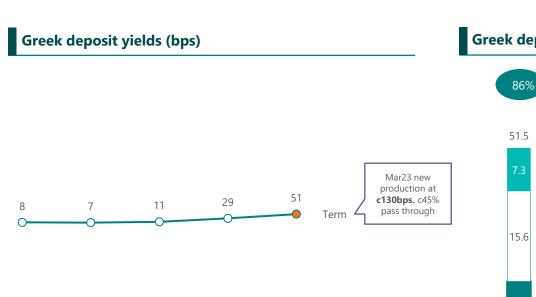


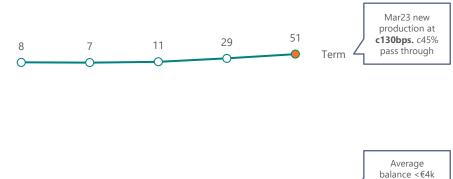
#### **Greek NPE NII%, forborne & PE yields**



<sup>1.</sup> excl shipping | 2. excl. cards | 3. net of cash collected and provisions

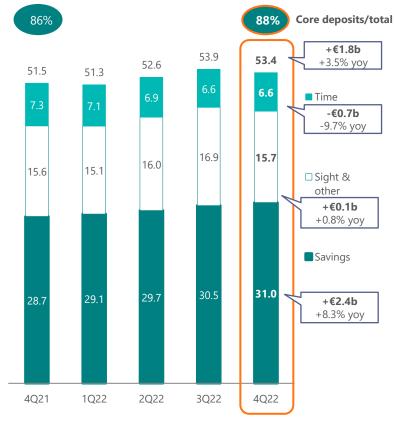








#### Greek deposit evolution (€ b)

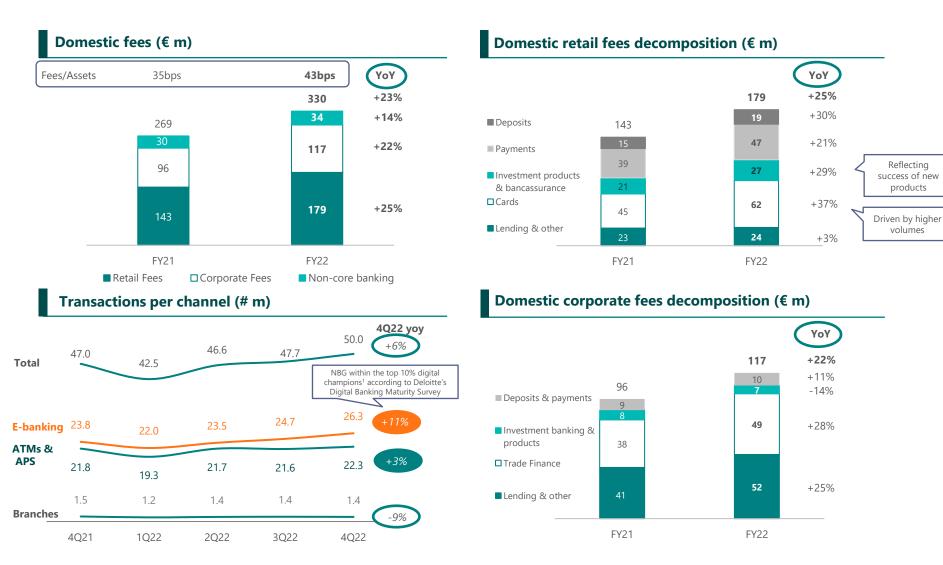


per account

Demand



#### Domestic fees grow by +23% yoy, driven by strength across retail, corporate and non core banking businesses



<sup>1.</sup> Out of a global sample of >300 incumbent and challenger banks, in terms of functionalities offered on public site, internet banking platform and digital app

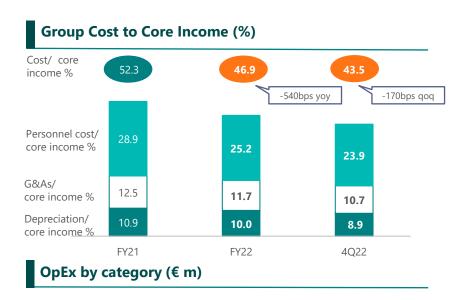
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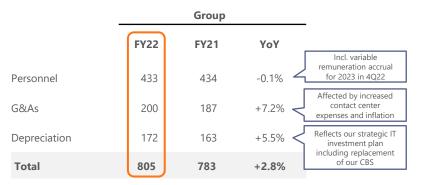
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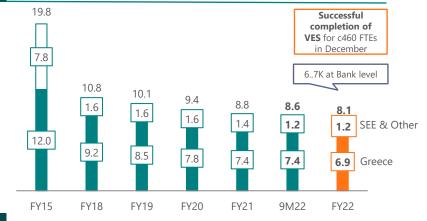


#### C:CI drops to 43.5% in 4Q22 as costs remain contained (+2.8% yoy) despite inflation and an ongoing IT CapEx plan

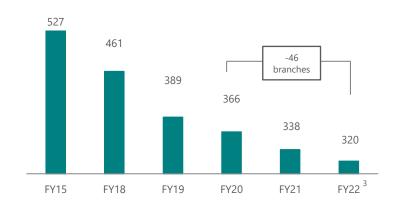




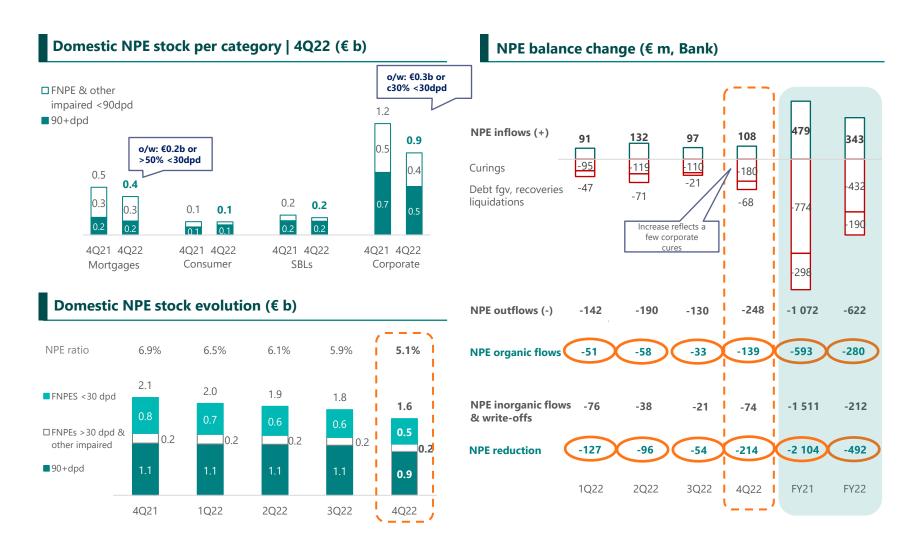




#### **Domestic Branch evolution (#)**

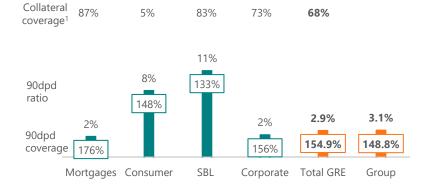




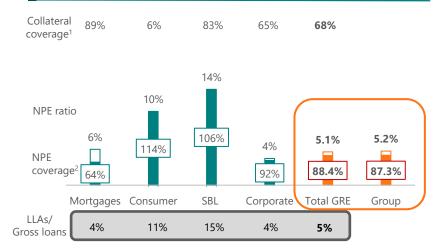




#### Domestic 90dpd ratios and coverage | 4Q22



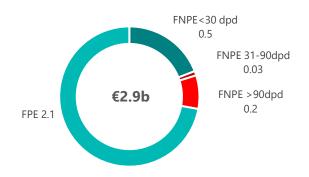
#### **Domestic NPE ratios and coverage | 4Q22**



#### Domestic 90dpd - NPE bridge (€ b) | 4Q22



#### Domestic forborne stock (€ b) | 4Q22





#### The mix of our loan exposure has changed favorably as continuous S1 loan growth far offsets S3 reduction

Group gross loan stage evolution (€ b)

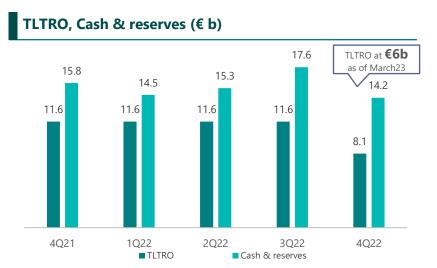
Group S2 ratio and coverage (%)

Group S3 ratio and coverage (%)

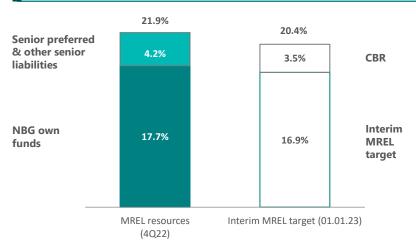




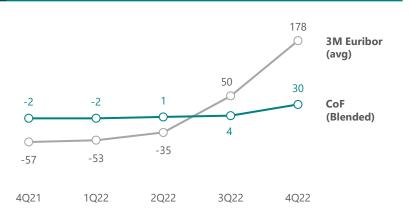
#### NBG's favorable liquidity position is a strong competitive advantage. €6b TLTRO balances repaid since November



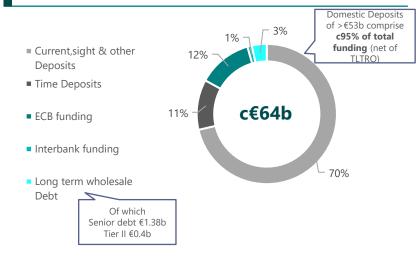
#### MREL targets and resources<sup>1</sup> | % RWAs



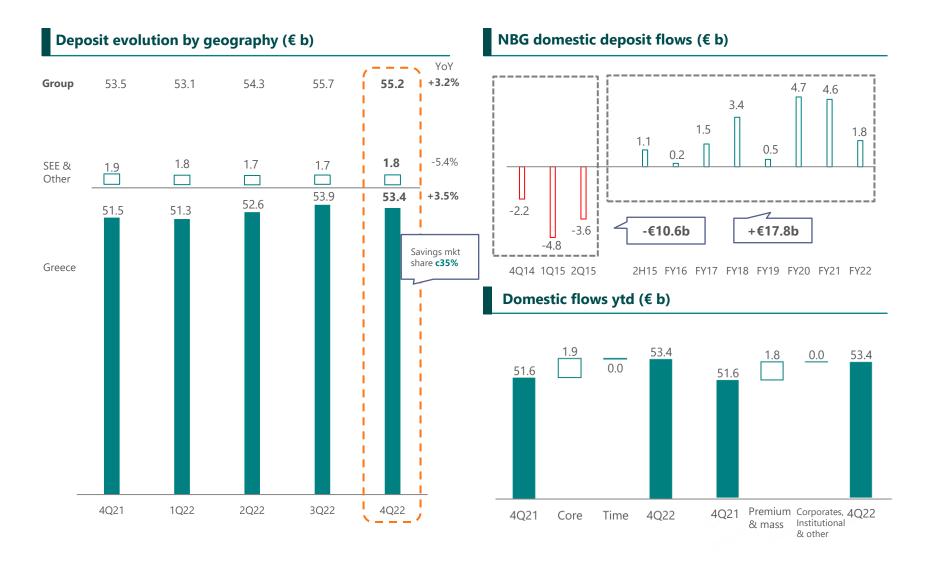
#### **NBG Funding Cost (bps)**



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









# 4 ESG Update



#### We are pushing forward with our climate & environment (C&E) strategy, within our broader ESG agenda

#### **C&E** strategic themes and recent efforts

#### 1 Lead the market in sustainable energy financing

- Utilisation of green bond at 100%
- Record financing of Corporate RES projects in 2022, already close to achieving our UNEP FI target of €0.6b in 2022-25

#### **Examples of impact achieved**

#### **Corporate RES PEs (2022)**

**€1.6b** balances

**€0.5b** net expansion

+45% yoy growth

#### **Green bond indicators**

**58** RES projects financed

830MW RES capacity installed

**1,841,477MWh** annual RES generation

773,420tCO2 annual emissions avoided1

#### 2 Accelerate transition to a sustainable economy

- Roll-out of ESG assessments (obligor & transaction level) for Corporate new originations and renewals
- Setup of NBG 2.0 program in line with Greece 2.0 national plan and offering of green retail loans and ESG mutual funds
- Completion of baselining of **financed emissions** for corporate loans (incl. Project Finance & CRE), bonds, mortgages, listed and unlisted equity; science-based target-setting effort ongoing

#### Corporate (2022)

**77** RRF applications

**29%** share in RRF loans contracted

€317m in RRF loans contracted, of which:

€101m under Green Pillar

#### **Retail (2022)**

**€62m** green housing-related loans

**30%** share in green mortgages

**€69m** green business loans

>1,300 loans for hybrid/BEV cars

### 3 Role-model environmentally responsible practices

- Significant reduction of non-financed emissions through targeted actions, incl. energy saving measures (building upgrades, heating/cooling and lighting controls)
- Roll-out of CSR actions to restore fire-impacted areas and support fire prevention
- Enhanced ESG governance and ESG transparency (incl. ATHEX index disclosures, enhanced Sustainability report)

#### Selected energy metrics for NBG (2022)

**100%** renewable energy sourcing by our main provider

**49** NBG buildings equipped with Building Energy Management System (BEMS)

2.02MWp P/V installed

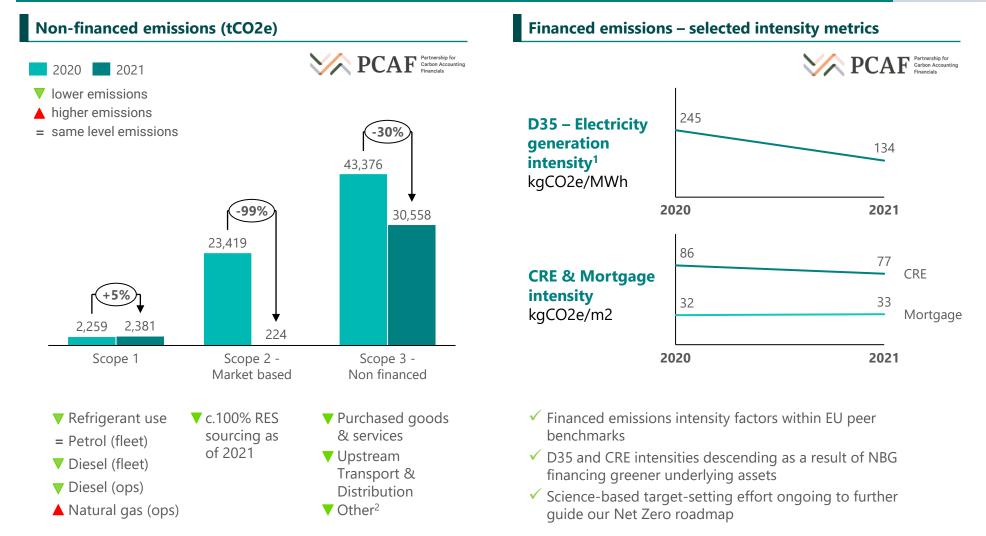
2,511MWh annual RES generation

1,054tCO2 annual emissions avoided1

<sup>1.</sup> Using the latest National Inventory Report (NIR) Factor for Greece (Ministry of Environment & Energy)



#### We baselined our GHG emissions and gained valuable insights on our direct and indirect impact on the environment



<sup>1.</sup> Figures for Scope 3 financed emissions include all asset classes with exposures in NACE code D35 (listed equity & corporate bonds, business loans & unlisted equity, Project Finance)

<sup>2.</sup> Includes remaining Categories of Scope 3 non-financed emissions, i.e., Fuel and energy related activities, Business travel, Employee commuting, and Waste generated in operations



#### We are strengthening our ESG governance framework, with focus on management of C&E matters

#### **Governance for C&E matters**

1

#### **Board & Board Committees**

• Incorporation and oversight of ESG considerations (incl. C&E) in the Bank's risk appetite, business strategy, business model and processes (incl. remuneration)

#### **Relevant Board Committees**

- Innovation & Sustainability Committee
- Strategy & Transformation Committee
- Risk Committee
- Compliance, Ethics & Culture Committee
- HR & Remuneration Committee

2

#### **Top Executives & Management Committees**

- Definition and oversight of ESG strategy (incl. C&E) as integral part of overall business strategy of NBG
- Tight monitoring and management of C&E risks (incl. for Stress Test and ICAAP/ILAAP purposes)
- ESG Management Committee chaired by CEO coordinating and proposing actions across ESG matters

3

#### 1st & 2nd line functions

- C&E Strategy function coordinating involved 1st line units (CIB, Retail, Real Estate, Finance, IT/Ops, HR, etc.) on development and execution of C&E strategy
- Strategic Risk Management function exercising holistic view and coordinating C&E risks management across risk units (supported by Risk Culture & Risk PMO function)
- CSR & Sustainability function identifying legal/ regulatory requirements on C&E matters and providing guidance to 1st and 2nd line units as needed
- Key cross-functional efforts included in ESG workstream of NBG's Transformation Program



## **Strong participation and recognition of our ESG activity**

## ESG ratings & indices

	ESG ratings & indices	2020	2021	2022	Year of inclusion/ participation
MSCI #	ESG rating	BBB	BBB	BBB	9 <sup>th</sup>
	Environment score	2	2	1	5 <sup>th</sup>
ISS ESG⊳	Social score	2	2	2	
	Governance score	2	2	2	
CDP	Carbon disclosure score	С	С	С	16 <sup>th</sup>
FTSE4Good	ESG index	✓	✓	✓	17 <sup>th</sup>
Bloomberg Gender-Equality acceptable 2022	Gender equality index	✓	✓	✓	6 <sup>th</sup>
ATHEX ESG INDEX	ESG index	✓	✓	✓	3 <sup>rd</sup>
	Memberships	United National Con		P PRINCIPLES FOR RESPONSIBLE BANKING	Mainstreaming Climate in Financial Institutions





# 5 Transformation Program Update



## Transformation Program acts as a competitive advantage, supporting sustainable change and target achievement

#### **Transformation structure for 2023 Key highlights** EONIKH 180 Increased focus on commercial effectiveness (Corporate, Retail, Special Assets Solution) **BEST BANK FOR SPECIALIZED ASSET BEST BANK FOR EFFICIENCY OUR CLIENTS OUR CLIENTS SOLUTIONS** & AGILITY • Continued focus on digital leadership (BBC Corporate) (BBC Retail) (SAS) (ENA) with new functionalities and increased migration to digital channels **DIGITAL LAYER** • Continued efforts on **operational** efficiency through upgrade of technology (incl. Core Banking System) **TECHNOLOGY & TECHNOLOGY &** PEOPLE. **CLIMATE & PROCESSES PROCESSES ORGANISATION ENVIRONMENT** • Ensured results sustainability through & CULTURE (POC) (TEP Processes) (TEP IT) (ESG) targeted efforts on people, ESG and change management TRANSFORMATION PROGRAM OFFICE (TPO) colleagues cross-1,000+ **1** implementation 4 years of solid **30**+ functional actively platform track record initiatives involved



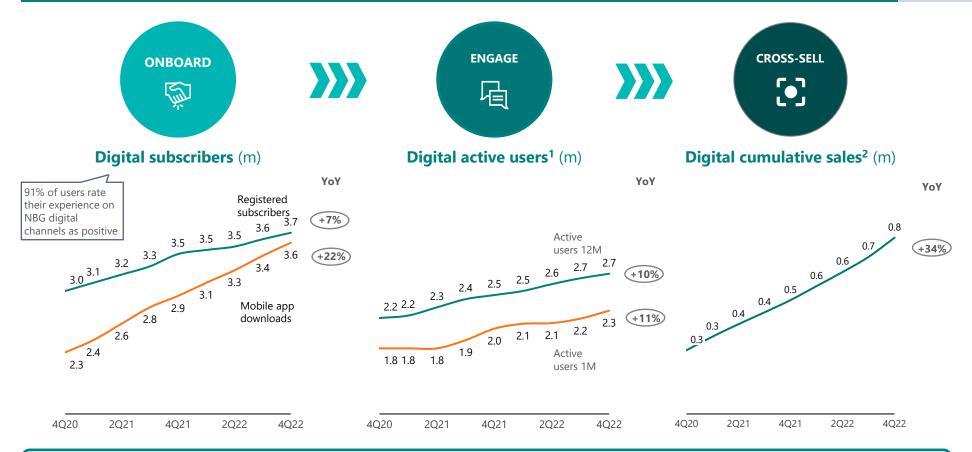
## Transformation supports our move towards a new commercial & operating model

	Selected metrics	2018	2019	2020	2021	2022	YoY
Commercial	Retail disbursements market share (%)						
effectiveness	<ul> <li>Mortgages</li> </ul>	n/a	n/a	17.0%	19.5%	25.0%	+5.5pp
	Consumer loans	n/a	n/a	20.2%	21.9%	23.9%	+2.0pp
	Small business loans	n/a	n/a	20.5%	23.5%	25.9%	+2.4pp
Digital	Registered subscribers (m)	2.0	2.4	3.0	3.5	3.7	+7%
leadership	Mobile app downloads (m)	0.9	1.4	2.3	2.9	3.6	+22%
	Digital 12M users (m)	1.1	1.4	2.1	2.5	2.7	+10%
	Digital 1M users (m)	0.9	1.2	1.7	2.0	2.3	+11%
	Digital sales (K)	0	91	204	220	275	+34%
	% of transactions on alternative channels	80%	83%	91%	96%	97%	+1pp
Operational	Domestic headcount (FTE K)	9.2	8.5	7.8	7.4	6.9	-7%
efficiency	Branches excl. transaction offices (#)	461	389	366	338	328	-3%
-	Process RPAs implemented (cumulative, #)	n/a	n/a	15	29	42	+45%
	Systems decommissioned (cumulative, #)	n/a	10	20	42	70	+67%



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## NBG is widely recognised for its digital offering, as our strategy continues to deliver impressive results



## Deloitte.

## **Digital Banking Maturity Survey 2022**

NBG among top 10% **Digital Champions** (out of global sample of >300 incumbent & challenger banks) in terms of functionalities offered on public site, internet banking platform and digital app

Transformation Program update



## 6 Appendix



## Balance Sheet | Group

€m	4Q22	3Q22	2Q22	1Q22	4Q21
Cash & Reserves	14,226	17,572	15,261	14,530	15,827
Interbank placements	2,900	3,143	2,711	3,715	3,639
Securities	13,585	13,439	14,212	14,708	15,251
Loans (Gross)	37,054	36,092	35,974	35,005	32,093
Provisions (Stock)	(1,493)	(1,594)	(1,612)	(1,653)	(1,655)
Goodwill & intangibles	431	398	390	374	353
RoU assets	1,065	1,091	1,107	1,197	1,160
Property & equipment	500	498	496	492	495
DTA	4,705	4,795	4,825	4,877	4,912
Other assets	4,645	4,923	5,476	6,246	7,388
Assets held for sale	495	522	607	700	4,493
Total assets	78,113	80,878	79,446	80,192	83,958
Interbank liabilities	9,811	13,087	13,580	15,191	14,731
Due to customers	55,192	55,679	54,292	53,059	53,493
Debt securities	1,794	962	996	1,002	991
Other liabilities	3,660	3,932	3,432	3,799	4,315
Lease liabilities	1,155	1,179	1,193	1,278	1,239
Liabilities held for sale	25	26	25	25	3,417
Non-controlling interest	23	23	22	21	22
Equity	6,452	5,989	5,906	5,815	5,750
Total equity and liabilities	78,113	80,878	79,446	80,192	83,958

## P&L | Group

€ m	4Q22	3Q22	2Q22	1Q22	4Q21
NII	421	348	312	288	308
Net fee & commission income	89	88	86	85	74
Core Income	510	436	398	373	382
Trading & other income	32	11	181	120	(9)
Total Income	542	447	579	493	374
Operating Expenses	(222)	(197)	(194)	(192)	(212)
Core Pre-Provision Income	288	239	204	181	170
Pre-Provision Income	320	250	385	301	161
Loan Impairment	(57)	(56)	(49)	(56)	(57)
<b>Core Operating Profit</b>	231	183	155	125	113
<b>Operating Profit</b>	263	194	336	245	105
Taxes	(34)	(32)	(54)	(37)	(5)
PAT	229	162	282	208	100
EVO payments (NBG pay acq.)	237	-	-	-	-
Disc. ops, minorities & other	(26)	(28)	(96)	152	0
PAT attributable	440	134	186	360	100



## Greece

9.000						
4Q22	3Q22	2Q22	1Q22	4Q21		
401	328	294	270	292		
85	85	80	80	70		
485	413	375	350	362		
16	5	178	111	(12)		
501	418	552	461	350		
(208)	(184)	(181)	(179)	(194)		
277	230	194	171	168		
293	235	371	282	156		
(56)	(55)	(46)	(50)	(34)		
221	175	148	121	133		
237	180	325	231	121		
(30)	(32)	(55)	(33)	(3)		
206	148	270	198	118		
237	-	-	-	-		
(28)	(24)	(88)	150	5		
416	124	182	348	123		
	401 85 485 16 501 (208) 277 293 (56) 221 237 (30) 206 237 (28)	401 328 85 85 485 413 16 5 501 418 (208) (184) 277 230 293 235 (56) (55) 221 175 237 180 (30) (32) 206 148 237 - (28) (24)	401       328       294         85       85       80         485       413       375         16       5       178         501       418       552         (208)       (184)       (181)         277       230       194         293       235       371         (56)       (55)       (46)         221       175       148         237       180       325         (30)       (32)       (55)         206       148       270         237       -       -         (28)       (24)       (88)	401       328       294       270         85       85       80       80         485       413       375       350         16       5       178       111         501       418       552       461         (208)       (184)       (181)       (179)         277       230       194       171         293       235       371       282         (56)       (55)       (46)       (50)         221       175       148       121         237       180       325       231         (30)       (32)       (55)       (33)         206       148       270       198         237       -       -       -         (28)       (24)       (88)       150		

## International<sup>1</sup>

€m	4Q22	3Q22	2Q22	1Q22	4Q21
NII	21		18	18	16
Net fee & commission income	4	3	5	5	4
Core Income	25	23	23	23	20
Trading & other income	16	6	3	10	4
Total Income	41	28	27	32	24
Operating Expenses	(14)	(13)	(13)	(13)	(19)
Core Pre-Provision Income	12	9	10	10	2
Pre-Provision Income	27	15	14	19	5
Loan Impairment	(1)	(1)	(3)	(5)	(22)
Core Operating Profit	10	9	8	4	(20)
Operating Profit	26	14	11	14	(17)
Taxes	(4)	0	1	(4)	(1)
PAT (cont. ops)	23	14	12	10	(18)
Discont. ops & other	2	(4)	(8)	1	(5)
PAT	24	10	4	11	23



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

The FY22 Financial Results Press Release contains financial information and measures as derived from the Group financial statements for the period ended 31 December 2022 and for the year ended 31 December 2021, which have been prepared in accordance with International Financial Reporting Standards ("IFRS"), as endorsed by the EU. 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.



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

National Bank of Greece FY22 Financial Results

Name	Abbreviation	Definition
Assets held for sale		Non-current assets held for sale
Balance Sheet	B/S	Statement of Financial Position
Cash and Reserves		Cash and balances with central banks
Combined Buffer Requirement	CBR	Total CET1 capital required to meet the requirements for the capital conservation buffer
Common Equity Tier 1 Ratio	CET1	CET1 capital as defined by Regulation No 575/2013, with the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs, including the period PAT
Common Equity Tier 1 Ratio Fully Loaded	CET1 FL	CET1 capital as defined by Regulation No 575/2013, without the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs, including the period PAT
Core Income	CI	Net Interest Income ("NII") + Net fee and commission income
Core Operating Result / Profit / Profitability / (Loss)	COP	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 short term reverse repo facility of $0.2b$ in 4Q22 and $0.2b$ in 2Q22, 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 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		Includes PAT from discontinued operations, non-controlling interest, as well as the LEPETE charge, VES and restructuring costs and other one off costs, non recurring taxes, as well as the Frontier provision release
Domestic operations	Domestic	Refers to banking business in Greece and includes retail, corporate and investment banking. Group's domestic operations includes operations of the Bar in Greece, Ethniki Leasing S.A (Ethniki Leasing) and Ethniki Factors S.A. (Ethniki Factors)
Fees / Net Fees		Net fee and commission income
Fees / Assets		Net fee and comission income divided by Total Assets
Forborne		Exposures for which forbearance measures have been extended according to EBA ITS technical standards on Forbearance and Non-Performing Exposure
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 Forbearanc 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
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 securitie (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

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/period end, excluding the short term reverse repo facility of €3.2b in 3Q22 and €3b in
Minorities	2.5 1000	2Q22, 1Q22, 3Q21 and 2Q21 Non-controlling interest
Minorities		Non-controlling interest  Net interest income over average interest earning assets. Net Interest Margin equals net interest income divided by the average of interest earning assets
Net Interest Margin	NIM	(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
Net Non-Performing Exposures	Net NPEs	NPEs minus LLAs
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 ECL allowance for impairment for loans and advances to customers divided by NPEs, excluding loans and advances to customers mandatorily measured at
Non-Performing Exposures Coverage Ratio	NPE coverage	ECE anomatic to implantient of loans and advances to customers divided by NFES, 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 year/period end, excluding the short term reverse repo facility of €3.2b in 4Q22 and 3Q22 and €3b in 2Q22, 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 reverse repo facility of €3.2b in 4Q22 and €3b in 2Q22, 1Q22, 3Q21 and 2Q21
Operating Expenses / Costs / Total Costs	OpEx	Personnel expenses + G&As + Depreciation, excluding the additional social security contributions for LEPETE to e-EFKA, and other one off expenses. More specifically, for FY22 operating expenses exclude personnel expenses of €35m related to defined contributions for LEPETE to e-EFKA charge and other one-off costs of €15m. For FY21, operating expenses exclude personnel expenses of €35m related to defined contributions for LEPETE to e-EFKA charge and other one off costs of €98m
Operating Result / Operating Profit / (Loss)		Total income less operating expenses and loan impairments, excluding EVO Payments (NBG pay acquisition) one off gain of €297m (pre tax) in FY22
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
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 €3.2b in 4Q22 and 3Q22 and €3b in 2Q22, 1Q22, 3Q21 and 2Q21
Profit / Loss) for the Period	PAT	Profit after tax, excluding discontinued operations, Frontier provision release, other impairments and minorities, non recurring gains, as well as additional social security contributions for LEPETE to e-EFKA and VES, restructuring & other one off expenses/taxes. For FY22, PAT excludes discontinued operations of €23m, other impairments of €64m, minorities of €2m, the EVO Payments (NBG pay acquisition) one off gain of €23m (after tax), as well as the defined contribution for LEPETE to e-EFKA charge of €35m and VES, restructuring & other one-off costs/taxes totaling €128m. For FY21, PAT excludes discontinued operations of €8m, Frontier provision release of €0.2b, other impairments of €6m, minorities of €2m, as well as the defined contribution for LEPETE to e-EFKA charge of €35m and VES, restructuring & other one-off costs totaling €208m.
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 (core)	Core RoTE	Calculated as core PAT (PAT excluding trading & other income and one off income / expenses) over average tangible equity
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 Tangible Equity / Book Value	 TBV	Investment securities and financial assets at fair value through profit & loss  Equity attributable to NBG shareholders less goodwill, software and other intangible assets
Taxes		Tax benefit / (expenses), excluding non recurring withholding taxes of €46m in 2Q22 and the tax on the one-off gain of €297m from the sale of the 51% stake in NBG Pay amounting to c€59m in 4Q22
Total Capital Ratio	CAD	Total capital as defined by Regulation No 575/2013, with the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs
Total Capital Ratio Fully Loaded	CAD FL	Total capital as defined by Regulation No 575/2013, without the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs
Total Group Deposits		Due to customers
Trading and Other Income		Net trading income/(loss) and results from investment securities +gains/(losses) arising from the derecognition of financial assets measured at amortized cost ("trading income/(loss)") + share of profit / (loss) of equity method investments + net other income / (expense) ("other income/(expense)"), excluding the gain from the sale of the 51% stake in NBG Pay of €297m (pre-tax)



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The information, statements and opinions set out in the FY22 Results Press Release and accompanying discussion (the "Press Release") have been provided by National Bank of Greece S.A. (the "Bank") together with its consolidated subsidiaries (the "Group"). They serve informational only purposes and should not be considered as advice or a recommendation to investors or potential investors in relation to holding, purchasing or selling securities or other financial products or instruments and do not take into account particular investment objectives, financial situation or needs. It is not a research report, a trade confirmation or an offer or solicitation of an offer to buy/sell any financial instruments

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The Press Release includes certain non-IFRS financial measures. These measures presented under "Definition of financial data, ratios used and alternative performance measures". Section herein may not be comparable to those of other credit institutions. Reference to these non-IFRS financial measures should be considered in addition to IFRS financial measures, but should not be considered a substitute for results that are presented in accordance with IFRS.

Due to rounding, numbers presented throughout the Press Release may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

#### **Forward Looking Statements**

The Press Release contains forward-looking statements relating to management's intent, belief or current expectations with respect to, inter alia, the Bank's businesses and operations, market conditions, results of operation and financial condition, capital adequacy, risk management practices, liquidity, prospects, growth and strategies ("Forward Looking Statements"). Forward Looking Statements concern future circumstances and results and other statements that are not historical facts, sometimes identified by the words "may", "will", "believes", "expects", "predicts", "intends", "projects", "plans", "estimates", "aims", "foresees", "anticipates", "targets", "would", "could" or similar expressions or the negative thereof.



## **Important Notice – Forward Looking Information**

Forward Looking Statements reflect knowledge and information available at the date of the Press Release and are subject to inherent uncertainties and qualifications and are based on numerous assumptions, in each case whether or not identified in the Press Release. Although Forward Looking statements contained in the Press Release are based upon what management of the Bank believes are reasonable assumptions, because these assumptions are inherently subject to significant uncertainties and contingencies, including risks related to increased geopolitical tensions and persisting inflationary pressures, that are difficult or impossible to predict and are beyond the Bank's control, no assurance can be provided that the Bank will achieve or accomplish these expectations, beliefs or projections. The current geopolitical situation and its economic impact, remain uncertain. Therefore, these events constitute additional factors that could cause actual results to differ materially from the ones included in the Forward Looking Statements. Forward Looking Statements are provided for illustrative purposes only and are not intended to serve as, and must not be relied on as, a quarantee, an assurance, a prediction or a definitive statement of fact or probability.

The Bank's actual results may differ materially from those discussed in the Forward Looking Statements. Some important factors that could cause actual results to differ materially from those in any Forward Looking Statements could include, inter alia, changes in domestic and foreign business, market, financial, political and legal conditions including changing industry regulation, adverse decisions by domestic or international regulatory and supervisory authorities, the impact of market size reduction, the ability to maintain credit ratings, capital resources and capital expenditures, adverse litigation and dispute outcomes, impact of Covid-19 and the effect of such outcomes on the Group's financial condition.

There can be no assurance that any particular Forward Looking Statement will be realized, and the Bank expressly disclaims any obligation or undertaking to release any updates or revisions to any Forward Looking Statement to reflect any change in the Bank's expectations with regard thereto or any changes in events, conditions or circumstances on which any Forward Looking Statement is based. Accordingly, the reader is cautioned not to place undue reliance on Forward Looking Statements.

#### **No Updates**

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