

Yapı Kredi

9M18 Investor Presentation

November 2018



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9M18 Results

Yapı Kredi: A leading financial services group

Key Figures – 9M18

Ratings Moody's: B2 / Fitch: BB- / S&P: B+

Total Assets

**422.0
bln TL**

Loans¹

**249.4
bln TL**

Net Income

**3,586
mln TL**

RoATE²

14.3%

Number of Branches

867

Employees³

18,957

Market Share – 9M18

Market Share⁴

Total Bank

Cash & Non-cash Loans

10.3%

Deposits

9.9%

Business Units

Corporate Loans⁵

9.3%

Consumer Loans⁶

8.6%

Credit Card Outstanding

21.4%

Subsidiaries

Leasing⁷

20.4%

Factoring⁸

16.4%

Wealth Management⁹

17.6%

Notes:

1. Loans indicate performing loans, 2. RoATE indicates return on average, tangible equity (excl. intangible assets) and adjusted for 4.1 bln capital raise, 3. Group data. Bank-only: 18,088, 4. Market shares are based on: Interbank Card Center (for credit card acquiring and number of cardholders), Turkish Leasing Association (for leasing), Turkish Factoring Association (for factoring), Central Bank Cheque Clearing System (for cheque clearing) Rasyonet (for mutual funds), Borsa Istanbul (for equity transaction volume). If not specified, data based on BRSA bank-only data for YKB and BRSA weekly sector data excluding participation banks for banking sector as of 28 Sep'18, 5. Cash loans excluding credit cards and consumer loans, 6. Including mortgages, GPL and auto loans, 7. Refers to leasing receivables, 8. Refers to factoring turnover, 9. Refers to Mutual Funds;

Well-diversified commercial business mix and customer-oriented service model



Corporate and Commercial Banking

Corporate
Turnover
>USD 100 mln

3 Branches

Commercial
Turnover
USD 10-100 mln

46 Branches

**International/
Multinational**

1 Branch

Retail Banking

**Individual
Banking**

**SME
Banking¹**
Turnover
<USD 10 mln

789 Branches

**Private
Banking**
Total
PFA > TL 500K

22 Branches

Credit Cards

Subsidiaries

 **YapiKredi**
Factoring

 **YapiKredi**
Leasing

 **YapiKredi**
Invest

 **YapiKredi**
Asset Management

 **YapiKredi**
Nederland

 **YapiKredi**
Azerbaijan

 **YapiKredi**
Malta

Notes:

Financial figures are as of Sep'18. Branch numbers are as of Sep'18. Total # of branches is 867 of which 6 are free zone, abroad, custody and mobile branches

1. Including micro+ small + large size enterprises

Stable, long-term focused majority shareholders supporting Yapı Kredi's growth

Shareholding Structure



50%



KOÇ FINANCIAL SERVICES

50%



81.9%¹



Largest business group in Turkey with combined revenue equal to 7% of Turkey's GDP

	9M18
Total Assets (EUR bln)	20.0
Revenues (EUR mln)	19,010
Net Income (EUR mln)	703

Ratings

Moody's: Ba2 / S&P: BB-

Simple, successful, pan-European, commercial bank with a unique Western, Central and Eastern European network in 14 core markets

	9M18
Total Assets (EUR bln)	834.1
Revenues (EUR mln)	14,896
Net Income (EUR mln)	2,165

Ratings

Moody's: Baa1 / Fitch: BBB
/ S&P: BBB

Strong and committed majority shareholders bringing stability, strength and depth to corporate governance

Notes:

All information and figures regarding UniCredit and Koç Holding are based on publicly available 9M18 data, unless otherwise stated

1. Remaining 18.1% listed on the Istanbul Stock Exchange and Global Depository Receipts that represent the Bank's shares are quoted on the London Stock Exchange

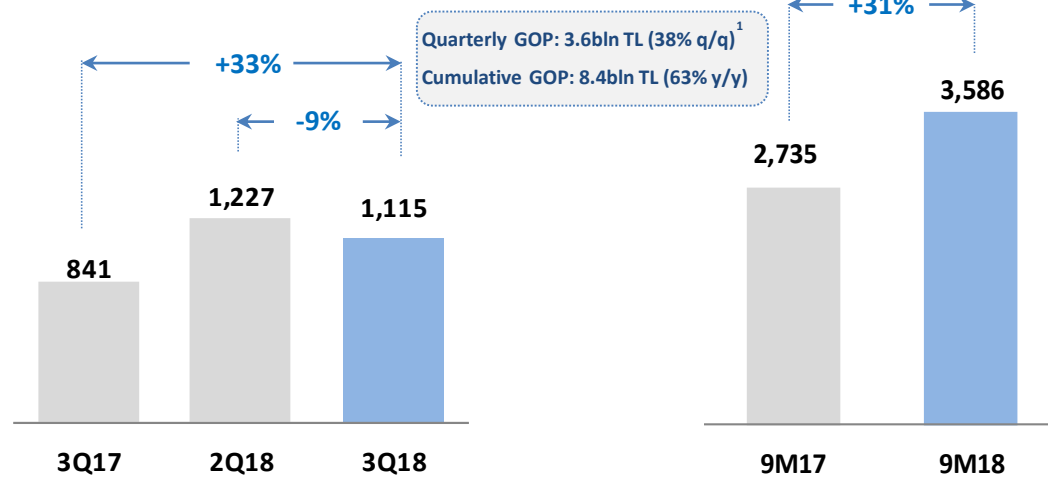
A solid top-line within conservative asset quality and liquidity approach

Profitability

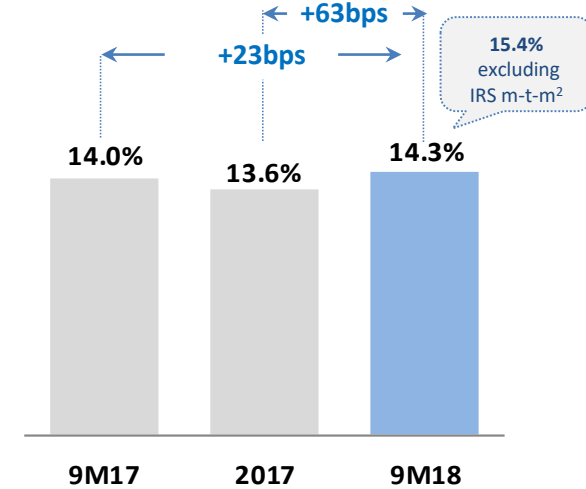
Net Profit (TL mIn)

Quarterly

Cumulative

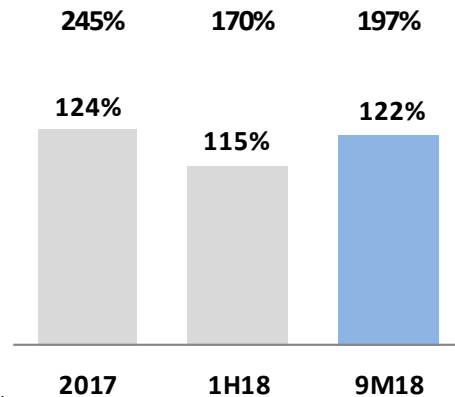


RoTE

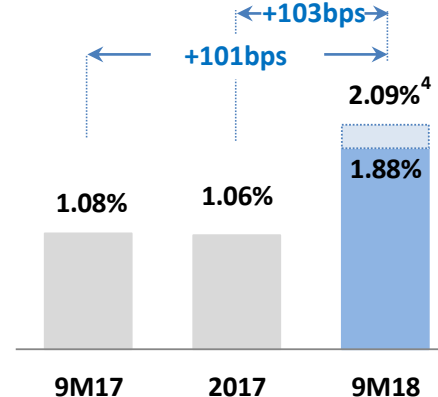


LCR (TL+FC)³

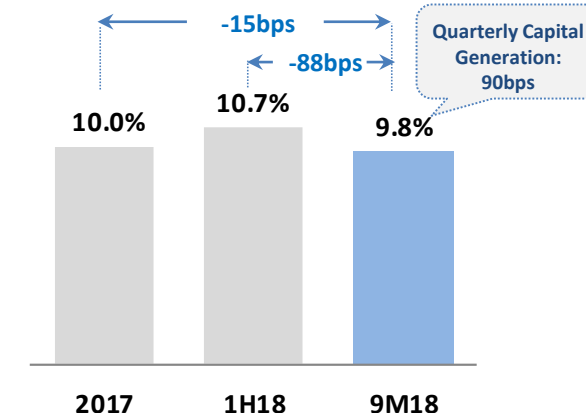
FC LCR



CoR



CET1 Ratio⁵



Notes:

- Gross Operating Profit (GOP) figures excludes ECL collection income and trading income to hedge FC ECL
- TL 4.1bln (2017: TL 838mln) IRS m-t-m valuation gain that is booked under equity but not considered in capital calculations
- Based on past three months averages
- Adjusted for provision reversals related with cheques following the change in regulation in 1H18
- CET-1 ratio is presented without the forbearance actions (with forbearance: 12.1%)

A controlled loan growth during the volatile period

Loan volumes (TL bln)

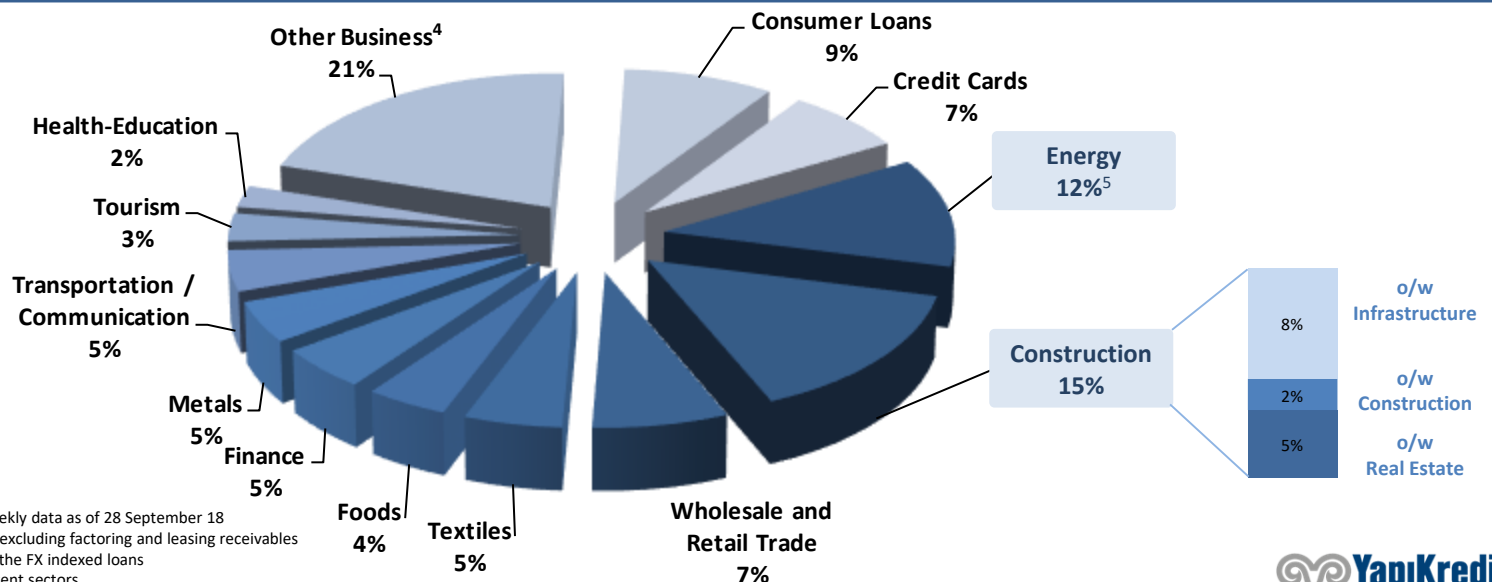
	9M18	Yapı Kredi			Private Banks ¹		
		y/y	ytd	q/q	y/y	ytd	q/q
Total Cash+Non-cash Loans²	353.2	32%	27%	12%	27%	21%	9%
TL ³	152.0	9%	4%	1%	8%	3%	-2%
FC (\$) ³	33.6	-6%	-4%	-7%	-9%	-8%	-6%
Total Cash Loans²	249.4	31%	25%	12%	23%	18%	7%
TL ³	124.8	8%	4%	1%	7%	3%	-2%
FC (\$) ³	20.8	-2%	-2%	-4%	-9%	-9%	-6%
Total Cash Loans (FX adjusted)	249.4	3%	1%	-2%	-1%	-3%	-4%

FC loans (in \$) down by 17%
based on 13 weeks average
(vs sector: -7.5%)

FC loans comprised mainly of project finance and long-term loans (93%)
(short-term loans: 7%)

7.24% market share in CGF loans
as of September 2018

Sectoral Breakdown of Cash and Non-Cash Loans - bank only



Notes:

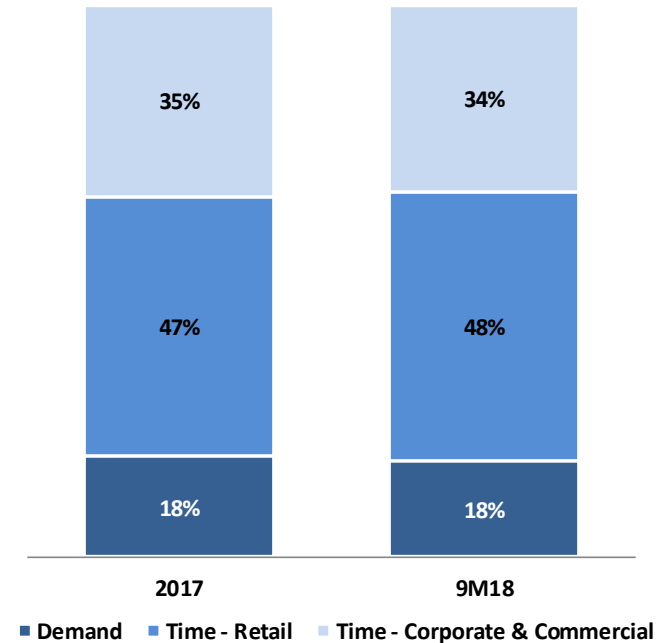
1. Private banks based on BRSA weekly data as of 28 September 18
2. Loans indicate performing loans excluding factoring and leasing receivables
3. TL and FC loans are adjusted for the FX indexed loans
4. Other Business includes 17 different sectors
5. Please see page 14 for the detailed breakdown of Energy loans

Strong deposit base as a corner stone for liquidity

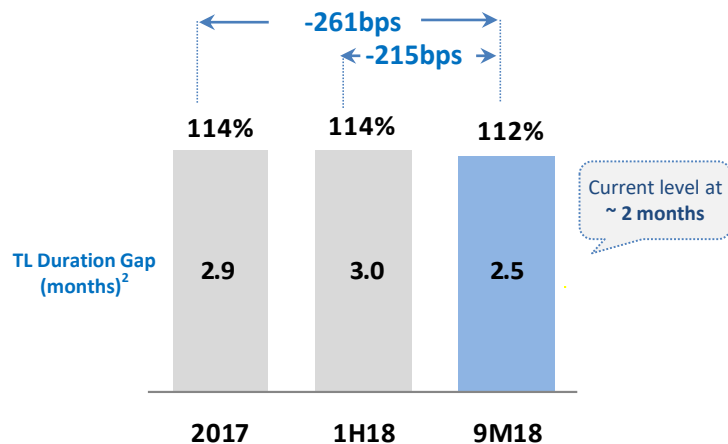
Deposit volumes (TL bln)

	9M18	YKB			Private Banks ¹		
		y/y	ytd	q/q	y/y	ytd	q/q
Total Deposits	221.0	34%	27%	15%	30%	25%	13%
TL	88.6	25%	17%	11%	13%	10%	5%
FC (\$)	22.1	-16%	-14%	-11%	-12%	-11%	-8%
Customer Deposits	210.8	33%	29%	17%	30%	25%	14%
TL	84.7	22%	16%	10%	12%	9%	6%
FC (\$)	21.1	-16%	-13%	-7%	-12%	-11%	-8%
Demand Deposits	41.3	37%	29%	13%	34%	29%	10%

Deposit Breakdown (FX adjusted)²



LDR³



Successful roll-over of the syndication on Oct'18 with 96%

Short-term FC Liquidity ~11bln USD as of 9M18
more than the upcoming run-off

Upcoming run-offs

4Q18: 1 bln USD

2019: 3.6 bln USD (1.5 bln of which is syndications)

Notes:

1. Private banks based on BRSA weekly data as of 28 September 2018
2. Based on MIS data
3. LDR: LDR= Loans / (Deposits + TL Bonds)

Ongoing strength in the top-line performance

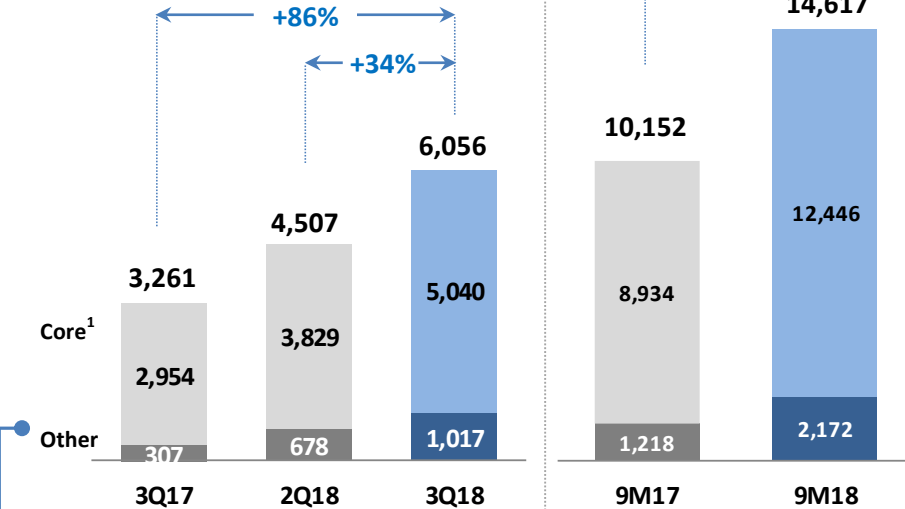
Revenues

Revenues (TL mln)

Quarterly

Cumulative

CPI linker adj:
3Q17: TL53mln;
3Q18: TL859 mln



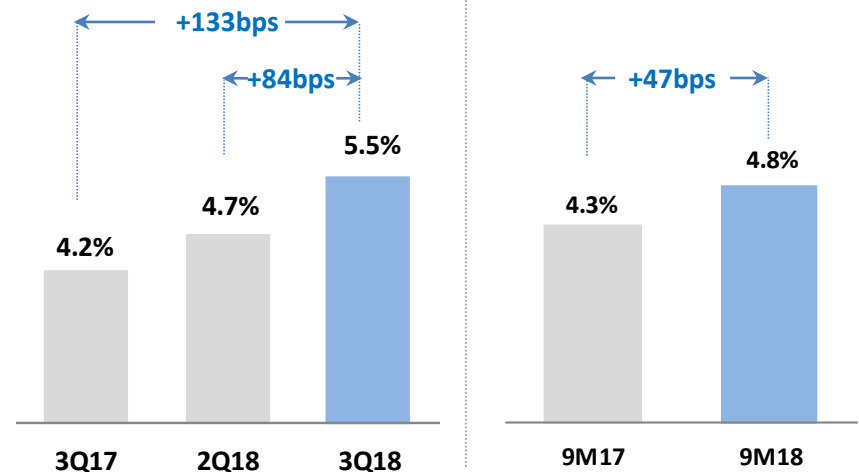
mln TL	3Q17	2Q18	3Q18	9M17	9M18
Other Revenues	307	678	1,017	1,218	2,172
Other Income	269	403	320	955	1,189
Collections	215	363	244	724	937
Income From Subs	19	25	31	66	84
Dividend Income	0	8	1	10	13
Trading & FX (net)	38	275	697	263	983

Revenue Margin²

Revenue Margin improved +47bps y/y with support from the linker adjustment on top of a strong top-line performance

Quarterly

Cumulative



mln TL	3Q17	2Q18	3Q18	9M17	9M18
Trading & FX (net)	38	275	697	263	983
MtM gains	-7	118	26	43	137
Trading gains/losses	17	92	46	56	128
FX Gains	28	65	626	165	717

Notes:

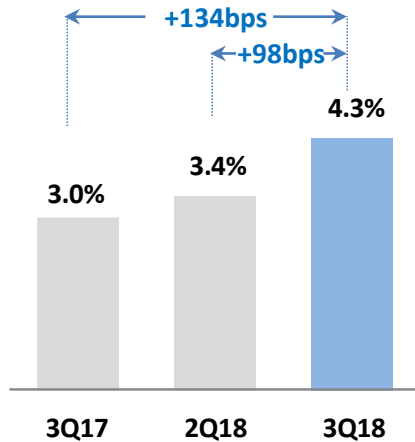
1. Core Revenues = NII + swap costs + Net fee income
2. Revenue margin= Core Revenues / average IEAs; Based on bank-only financials

A limited tightening in the quarterly CPI adjusted NIM through protected loan spreads, thanks to shortest TL duration gap

Revenues - NIM -

Swap Adjusted NIM

Quarterly



CPI adjusted to 16%
(prev: 9.3%)

Lowest Duration
Gap among Peers

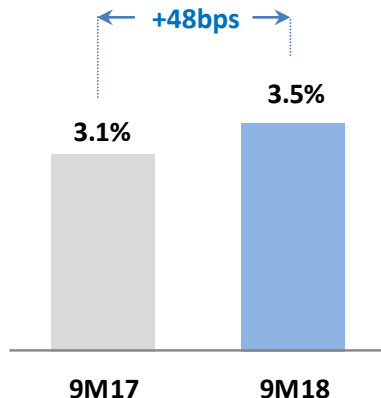
TL Duration Gap
~2.5 months
(Recent ~2 months)

FC Duration Gap
~-20 days

thanks to Interest
Rate Swaps

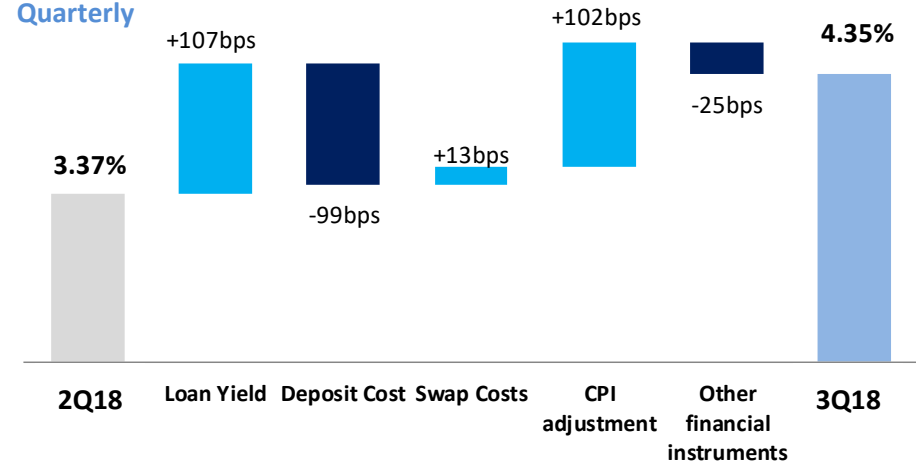
MtM of IRS under
equity:
4.1 bln TL¹

Cumulative

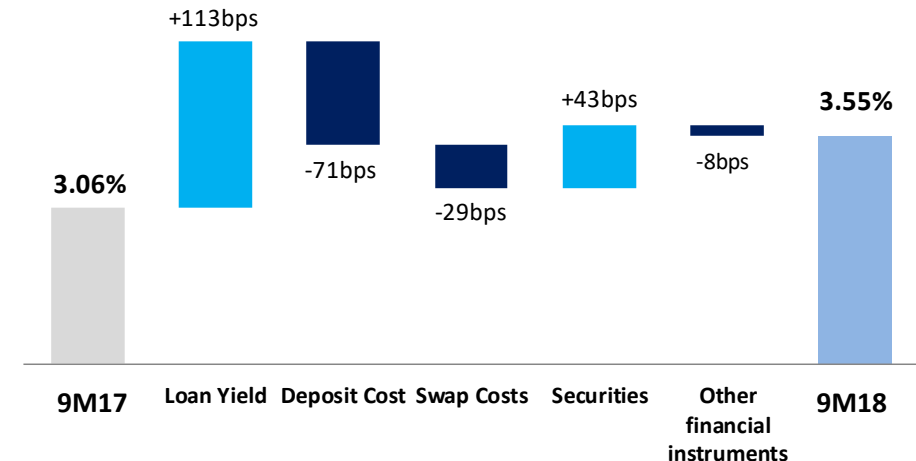


NIM waterfall

Quarterly



Cumulative



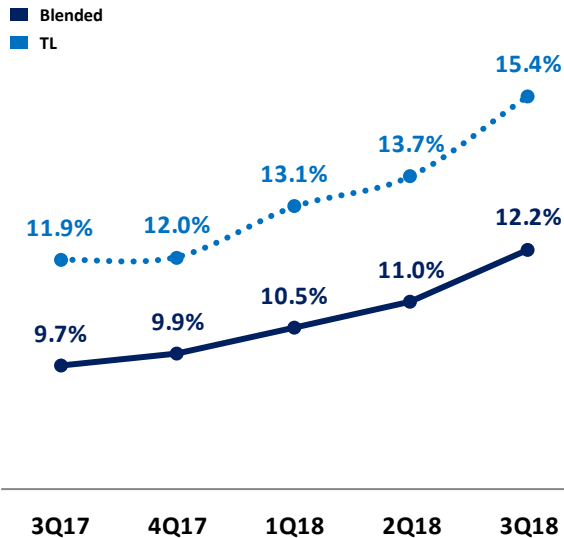
Notes:
Based on Bank-Only financials
1. Net of tax

Ongoing loan repricing protects the loan-deposit spread in 3Q

Loan-Deposit Spread —

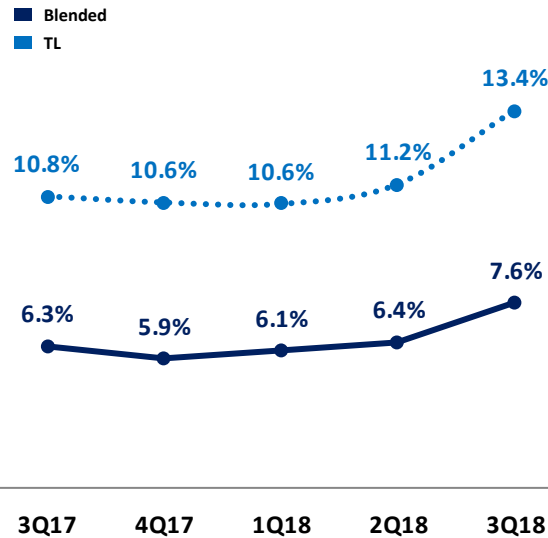
Loan Yields¹ (Quarterly)

115 bps increase in blended loan yields in the quarter given ongoing repricing



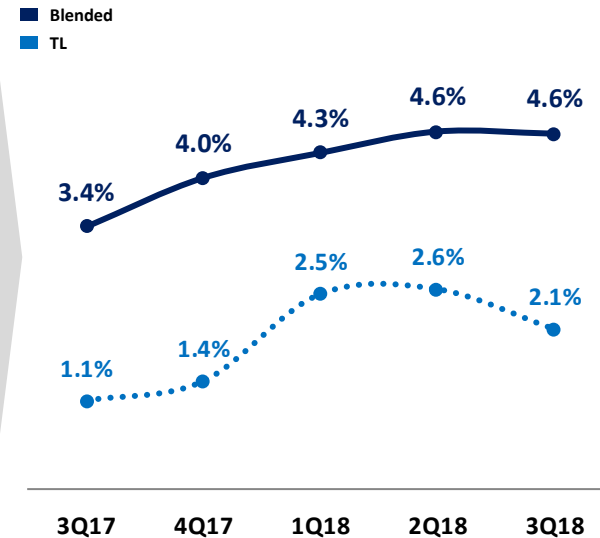
Deposit Costs (Quarterly)

Increase in blended cost of deposits (+118 bps) given the rate hike decision of the CBT



Loan-Deposit Spread (Quarterly)

Loan-Deposit spread almost stable through loan repricing



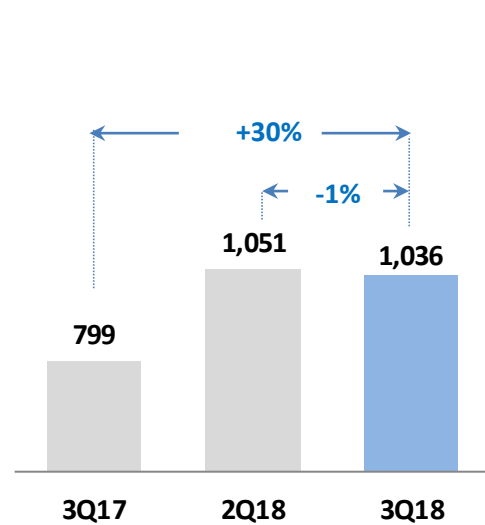
Notes:
Based on Bank-Only financials
1. Performing Loan yields

Fee increase at 26% y/y driven by the strength in card business

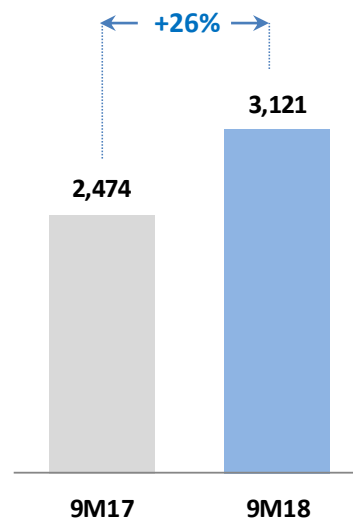
Revenues - Fees

Net Fee income (TL mIn)

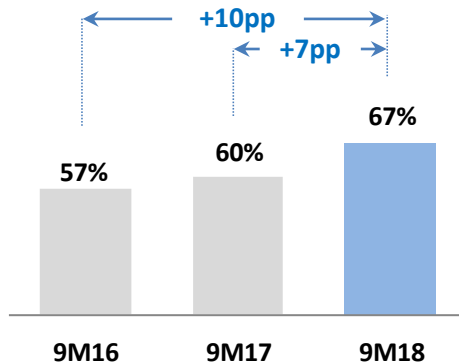
Quarterly



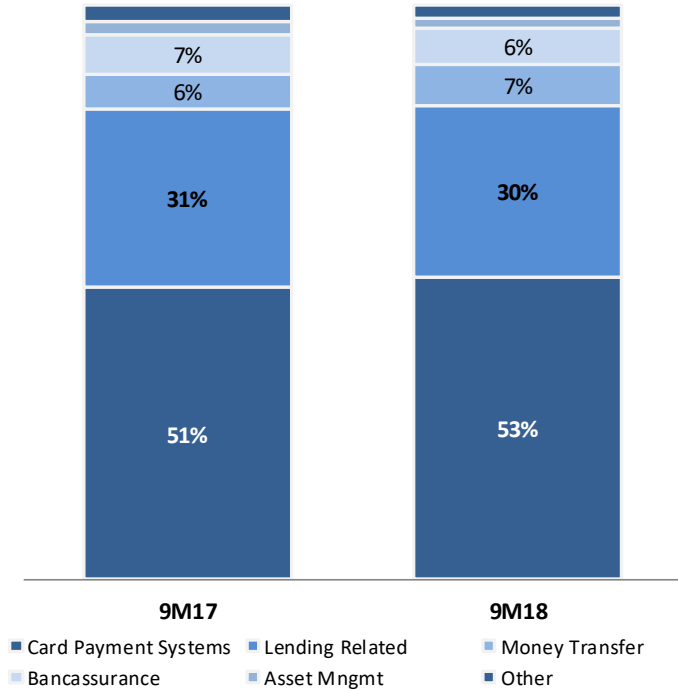
Cumulative



Fees / Opex



Fees Received Composition



Strong performance with ongoing diversification efforts supported by the core business:

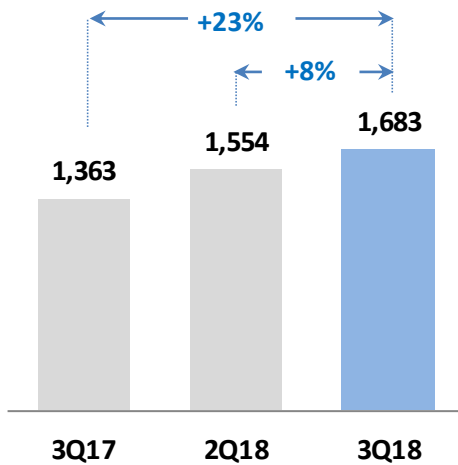
- Money Transfer: +58% y/y
- Lending Related: +22% y/y (non-cash: 29%)
- Card Payment systems: +33% y/y

Cost discipline sustains with controlled ordinary costs

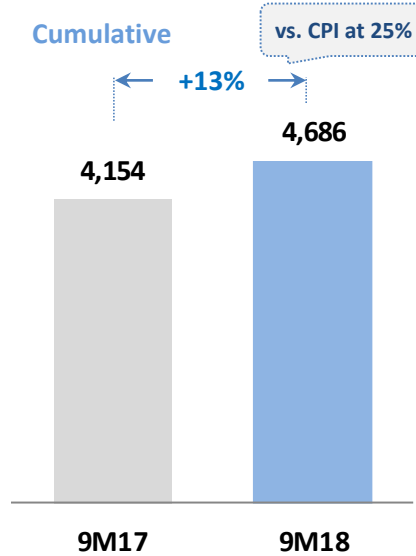
Costs

Costs (TL mln)

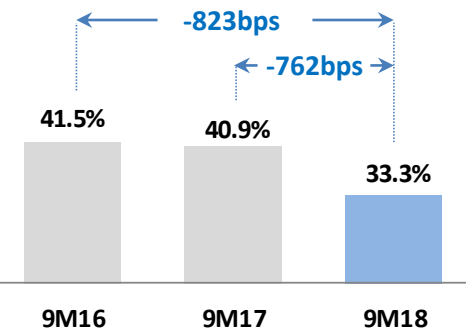
Quarterly



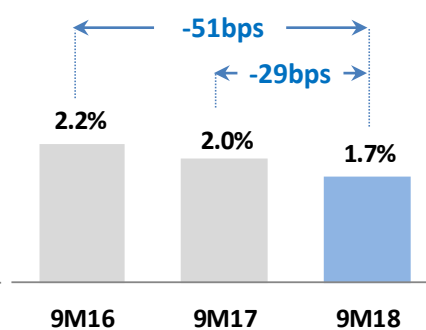
Cumulative



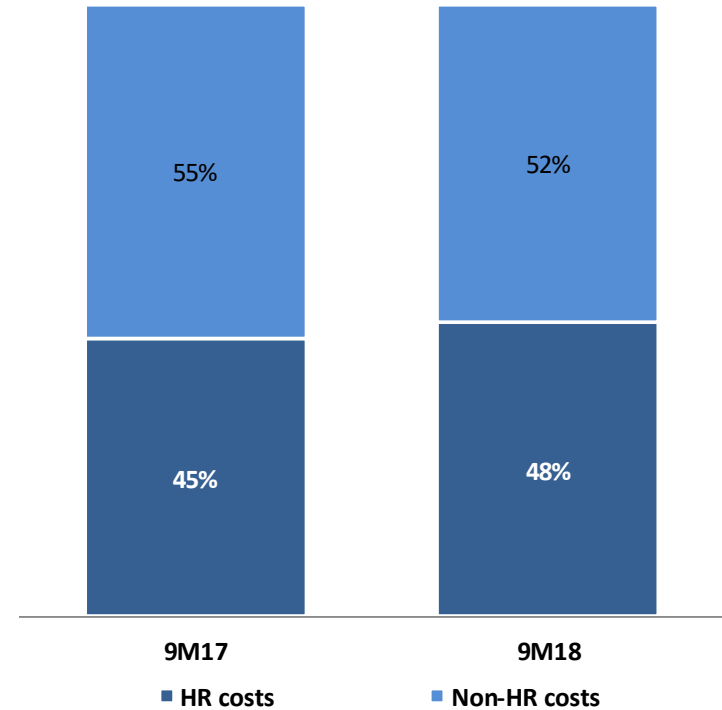
Cost / Income¹



Costs / Average Assets²



Cost Breakdown³



Non-HR cost share is coming down; HR cost increase due to variable compensation

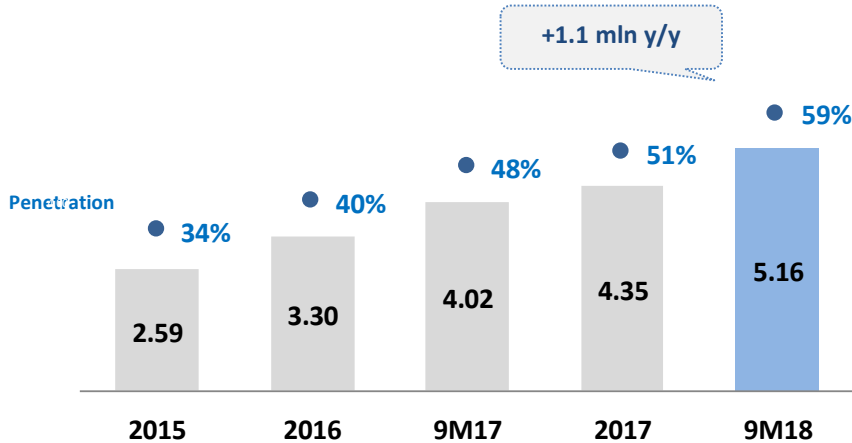
- HR costs: +19% y/y (# of FTE⁴: -2%)
- Non-HR costs: +7% y/y

Notes:

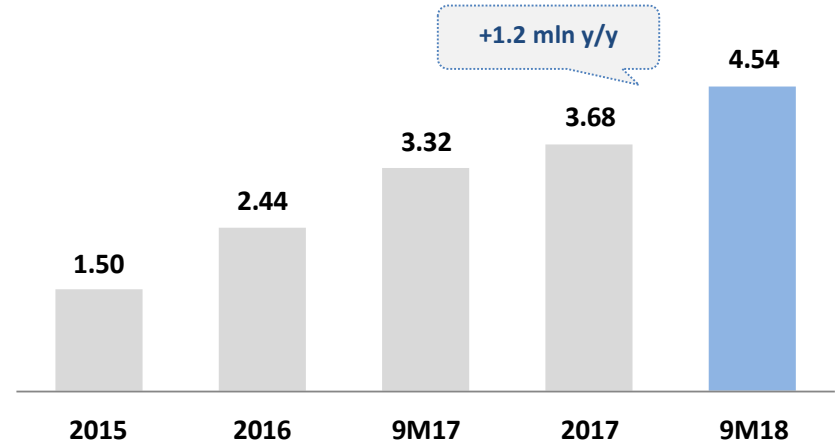
1. 9M18 Income adjusted for trading income to hedge FC ECL
2. 9M17 and 9M16 assets are recasted for the IFRS 9 adoption (reclassification of general provisions)
3. Based on MIS data
4. FTE: Full Time Equivalent

Digital transformation fully on track

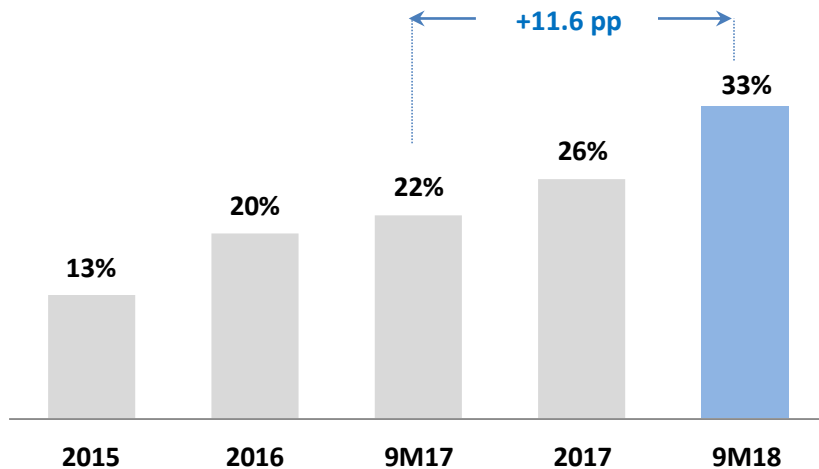
Number of Digital Customers (mln)



Number of Mobile Banking Customers (mln)



Share of digital in main products¹ sold



25 Awards in 3Q18

o/w 14 Stevie Awards

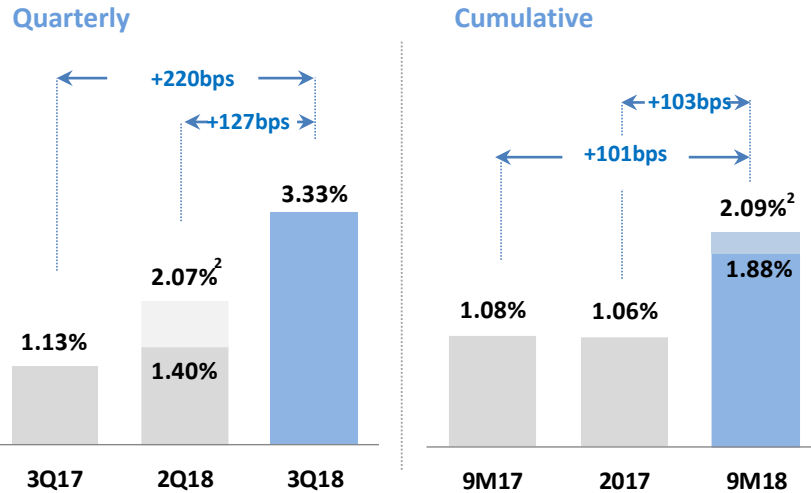
- Best New Product or Service of the Year
- Integrated Mobile Experience
- Grand Stevie
-

o/w 5 Global Finance Awards

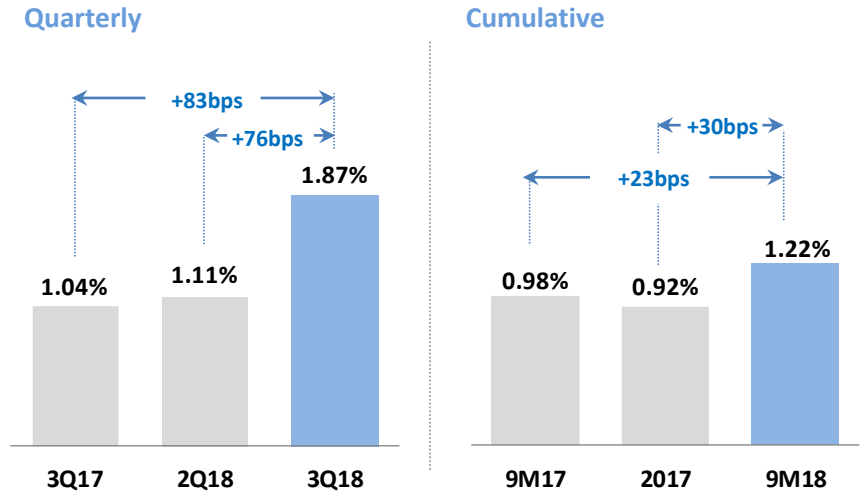
- Best Online Portal Services
- Best Integrated Corporate Bank site
- Best Bill Payment & Presentment
-

CoR increase with a prudent and conservative approach

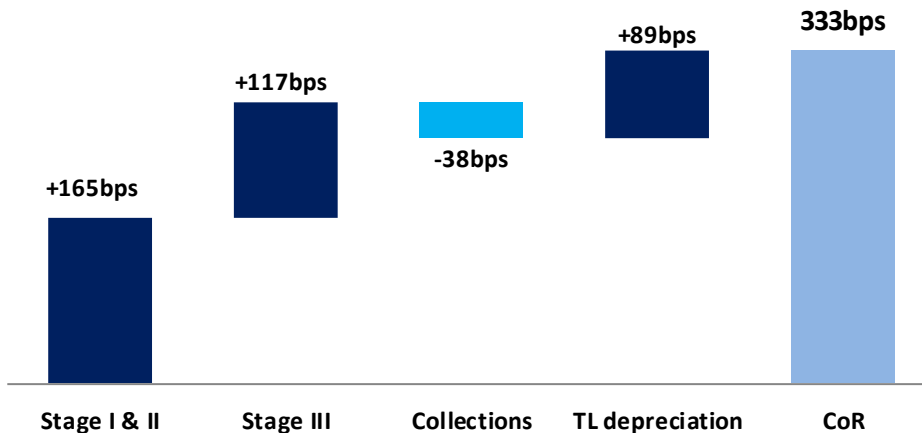
Total Cost of Risk¹ (net of collections)



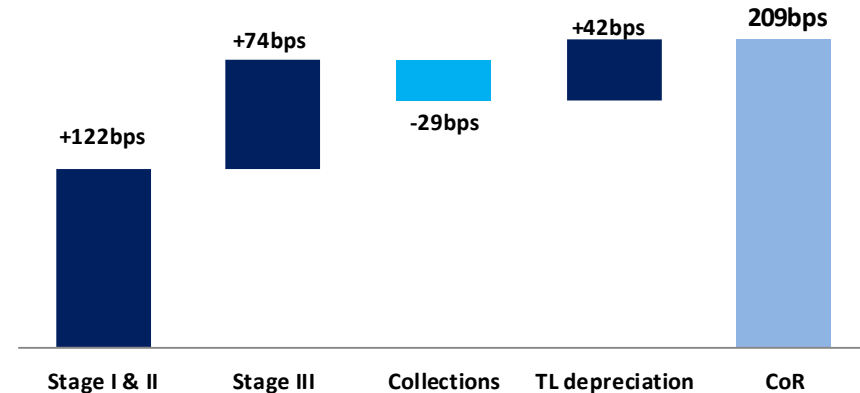
Specific Cost of Risk (net of collections)



Cost of Risk evolution (quarterly)



Cost of Risk evolution (cumulative)



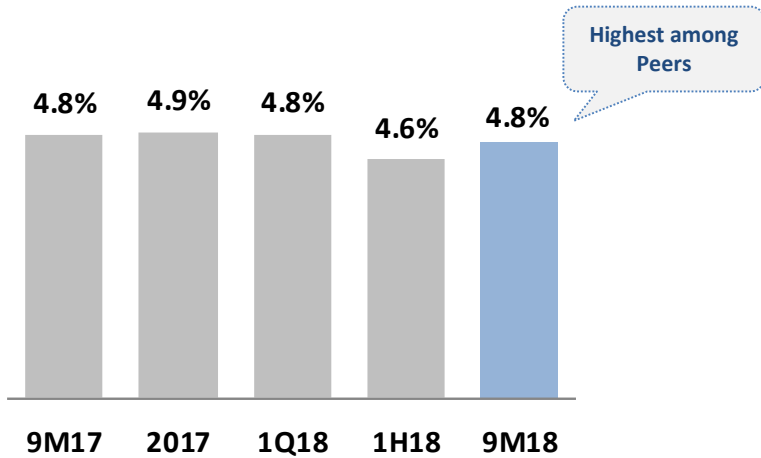
Notes:

1. Cost of Risk = (Total Expected Credit Loss- Collections)/Total Gross Loans
2. Adjusted for provision reversals related with cheques in 2Q18
3. TL depreciation impact represents the impact of increase in Stage 1 and Stage 2 expected credit loss due to increase in TL equivalent of FX denominated loans

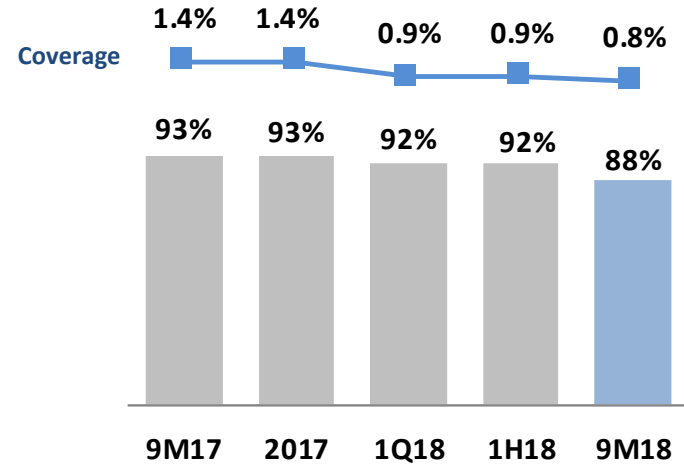
A proactive asset quality approach with a strong coverage ratio

Asset Quality

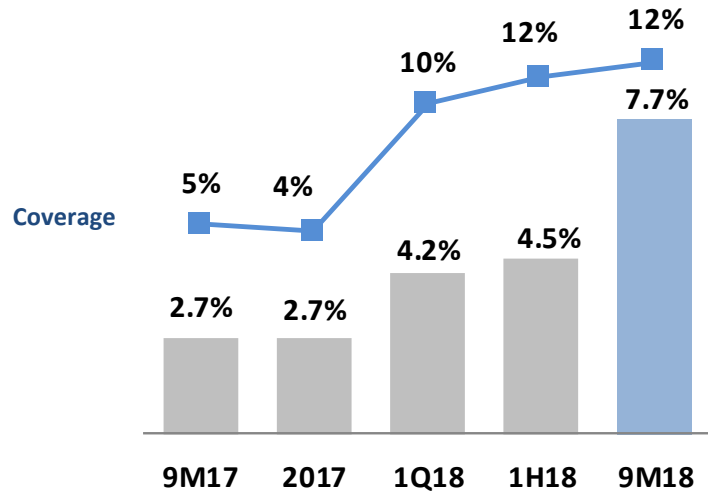
Provisions / Gross Loans



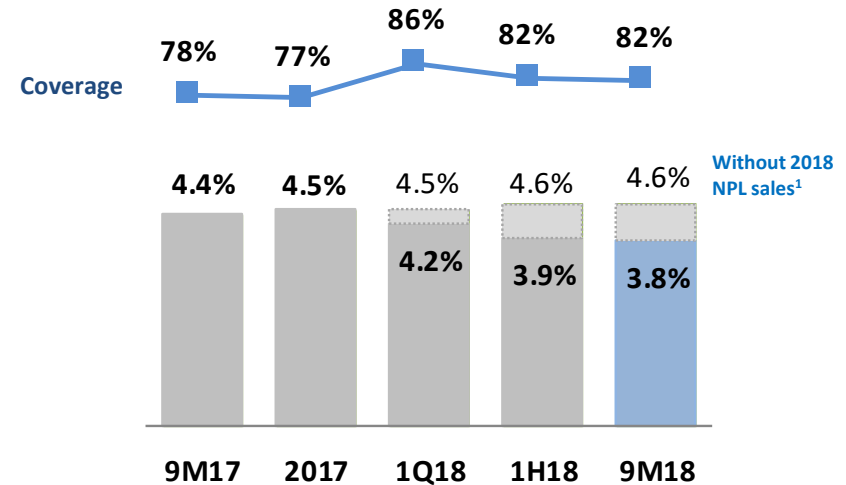
Stage I loans to Gross Loans



Stage II loans to Gross Loans



Stage III loans to Gross Loans



Notes:

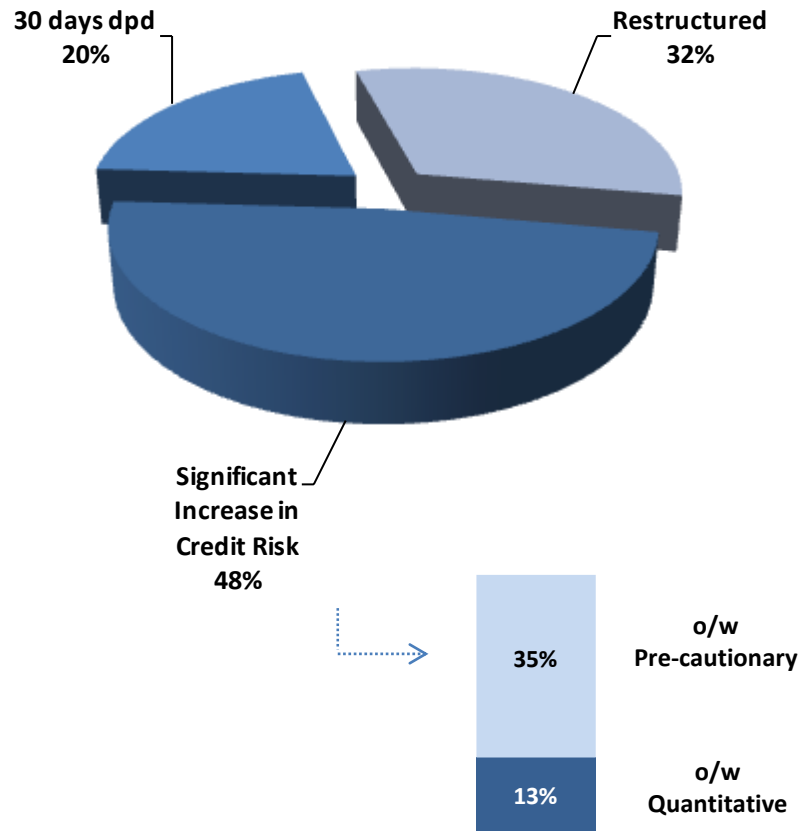
Based on Bank-Only BRSA financials

1. TL 2.0 bln NPL sales in 9M18 (628 mln in 1Q18; 1 bln in 2Q18; 367 mln in 3Q18)

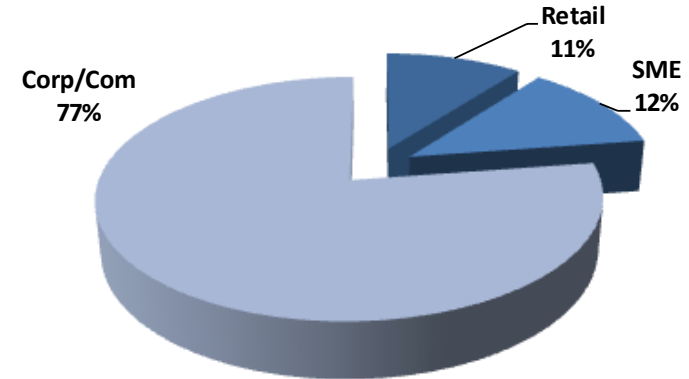
Stage 2 composition reflecting the worsening in the macro environment

Asset Quality

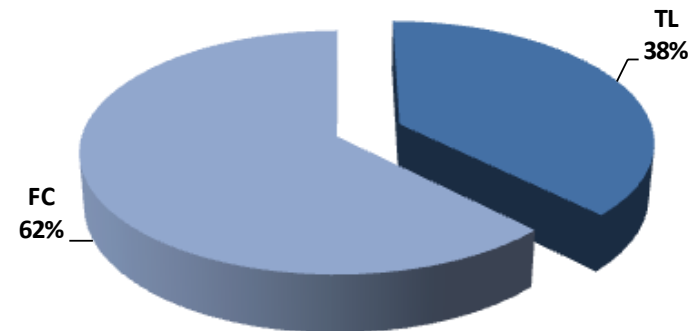
Classification by rational



Classification by segment



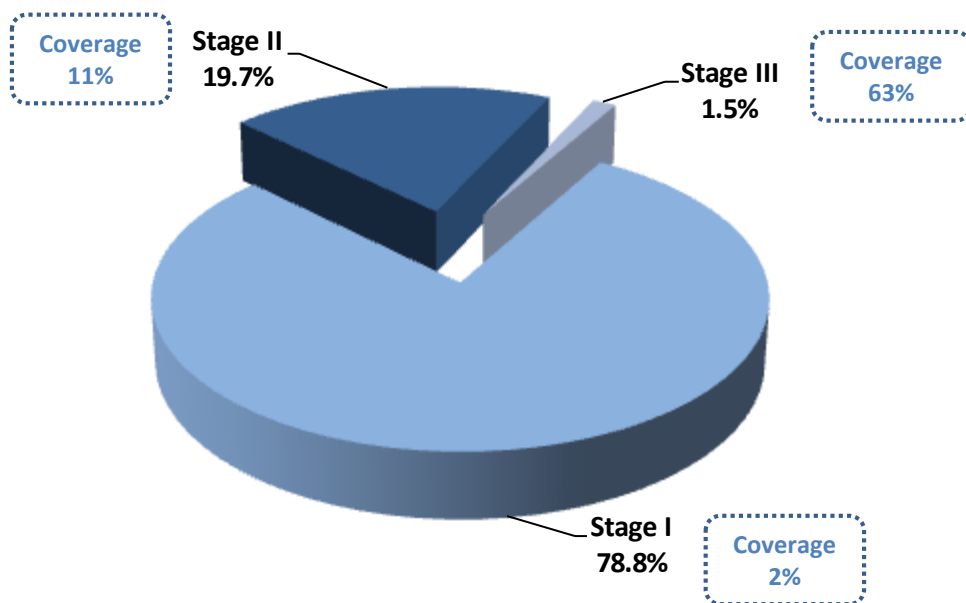
Classification by currency



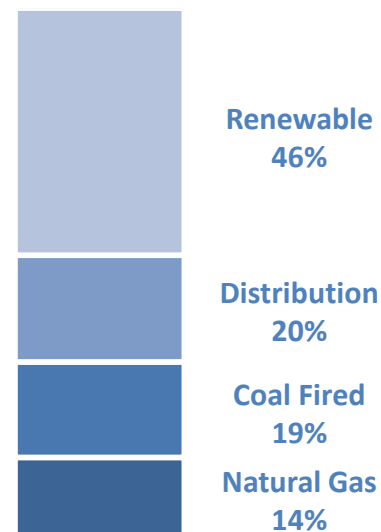
Conservative approach towards energy sector

Asset Quality

Energy Loans¹ - Breakdown by Stage



Energy Loans - Breakdown by sub-sector



*Renewable energy risks are backed by
FX basis feed-in tariff*

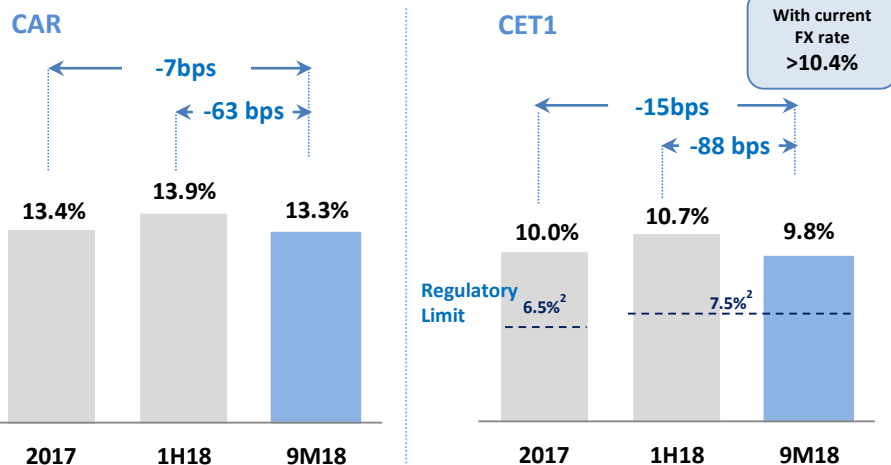
*18%
Share of Wallet*

Notes:
Based on Bank-Only MIS data
1. Cash and Non-cash loans

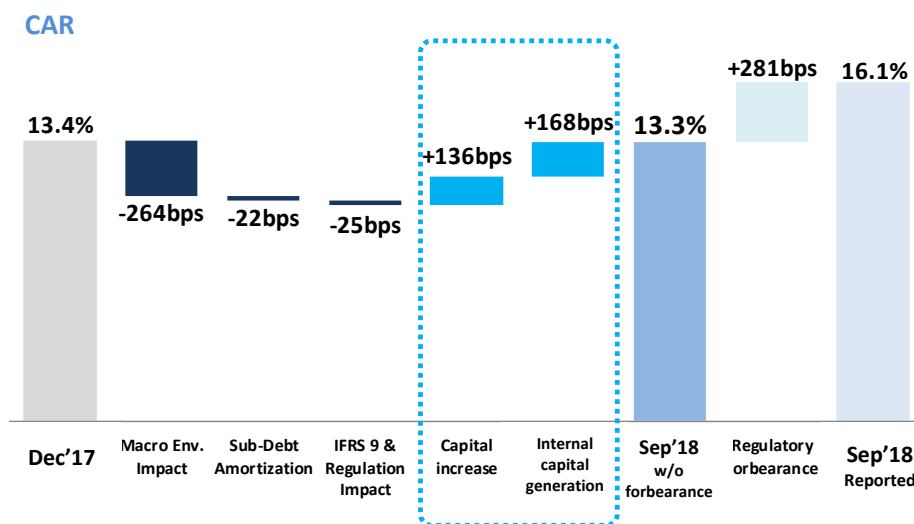
Capital ratios higher than the threshold despite the macro volatility, thanks to strong internal capital generation

Capital

Capital Ratios¹

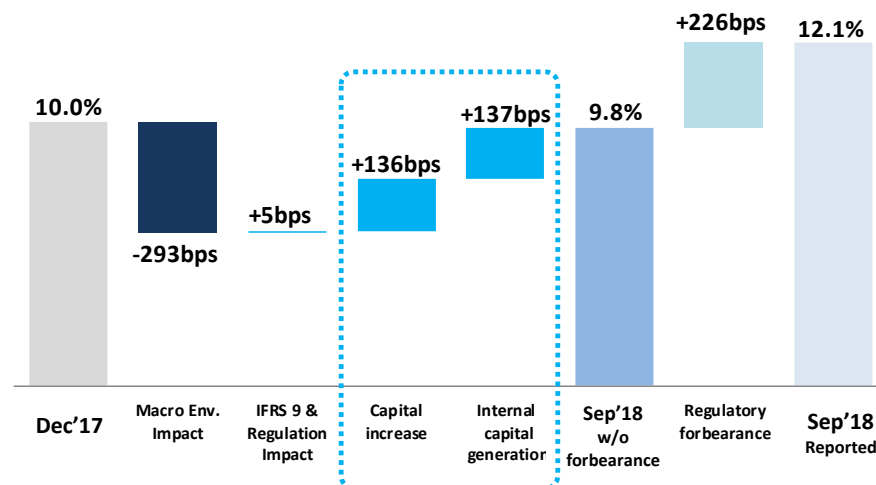


Capital Evolution



In the context of our capital strengthening plan announced on 26th April 2018 and following the successful completion of our Rights Offering in June 2018, we will continue to explore opportunities for the issuance of [benchmark] Perp NC5 AT1 securities in US\$ Reg S/144A format, which - as currently anticipated - could include participation from our controlling shareholders alongside third party investors

CET1



Notes:
1. Capital ratios are presented without the forbearance actions (with forbearance: CET-1: 12.1%, CAR: 16.1%)
2. CET 1 minimum level of 6.5% and 7.5% is based on consolidated requirements

2018 Basel 3 related capitalisation buffers include capital conservation buffer of 1.875%, countercyclical buffer (bank-specific) of 0.025%, SIFI buffer of 1.125% (Group 2)
T1 Ratio at 9.8% as of 9M18 (with forbearance: CET-1: 12.1%)

Revising 2018 full year guidance; bottom-line maintained

Guidance

		2018 Revised	2018B OLD	
Fundamentals	LDR	110% - 115%	110% - 115%	CONFIRMED
	CAR (w/o forbearance)	>13%	>15%	↓ REVISED DOWN
Volumes	Loans	20 - 22%	12 - 14%	↑ REVISED UP
	Deposits	23 - 25%	12 - 14%	↑ REVISED UP
Revenues	NIM (w/o CPI impact)	Flattish	Flattish	CONFIRMED
	Fees	High-teens	Low-teens	↑ REVISED UP
Costs	Costs	Well below CPI	Below CPI	CONFIRMED
	Cost/Income	< 35%	< 40%	↑ REVISED UP
Asset Quality	NPL ratio (with NPL sales)	~30bps	~10bps	↑ REVISED UP
	Total CoR	~200 bps	Slightly Down	↓ REVISED DOWN
Profitability	Net profit	High-teens	High-teens	CONFIRMED
	RoTE	Flattish to slightly down	Improvement	↓ REVISED DOWN



Yapı Kredi 2020

A **customer centric** commercial bank driven by **cutting edge technology** and **committed workforce**, delivering **responsible growth**

Best-in-class profitability, backed by a **strong balance sheet**, resulting in **enhanced** and **sustainable shareholder returns**

Strategic pillars supporting Yapı Kredi 2020

1

Strengthen and optimise capital position

- **Increase capital by approx. US\$ 1.5 bln** - US\$ 1 bln rights issue finalised in June 2018; planning approx. US\$ 0.5 bln AT1 issuance¹
- **Maintain a minimum CET1 buffer of 200 bps against regulatory requirements²**
- **Return to dividend payment in 2020³** (based on 2019 results)

2

Sustainable revenue generation by rebalancing business mix

- **Focus on smaller tickets** both in lending and asset gathering
- **Increase house-bank customer penetration**
- **Boost number of transactions** to improve fee generation
- **Continue to acquire new customers**

3

Well managed cost structure with efficiency gains

- **Accelerate digital banking** to enhance customer experience
- **Achieve both operational and service-channel excellence**

4

Asset quality optimisation

- **Maintain current prudent risk appetite**
- **Tailor-made underwriting** approach for **companies** and **automated, model driven underwriting** for **individuals** with **centralised risk monitoring**
- **Enhance collection** process and **pro-actively manage NPL stock**

Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Subject to regulatory approvals and market conditions, 2. Please refer to Annex for regulatory limits, 3. Subject to Shareholders and regulatory approvals and pay-out ratio is assumed as 20%

Yapı Kredi 2020 - Targets

		2020E	Delta vs. 2017	
1	Strengthen and optimise capital position	CET 1 Ratio	min. 200 bps buffer against regulatory requirements	-
2	Sustainable revenues by rebalancing business mix	Revenue Margin ¹	≥ 4.7%	+30 bps
3	Well managed cost structure with efficiency gains	Cost / Income	≤ 36%	-600 bps
4	Asset quality optimisation	Total Cost of Risk	~1.0%	-30 bps ²
BEST-IN-CLASS PROFITABILITY		RoATE	≥ 17%	+340 bps
		RoAA	≥ 1.7%	+40 bps

Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Calculated as (NII + Swap Costs + Fees) / Avg. Interest Earning Assets, 2. 2017 figure adjusted for time value assumption



Details on Strategic Pillars

Strengthen and optimise capital position

Key Objectives

- **Keeping a minimum 200bps buffer vs. CET 1 regulatory limit¹**
- **Stronger capital position to be able to absorb potential risks** driven by changes to the operating environment
- **Lower cost of funding** from international markets
- **Return to dividend** payment in 2020²

Key Initiatives

- **Strengthened CET1 ratio via US\$ 1 bln rights issue**
 - Expected to have more than 300bps buffer vs. regulatory limits by 2020
- **Optimise capital structure via AT1 issuance**
 - Hedging value against future FX volatility from US\$ AT1 issuance
- **Further capital strengthening from enhanced organic capital generation** and RWA optimisation³

Expected Results

	2017 Actual	2020E	Buffer vs. Reg. Limit
CET 1 Ratio			
<i>Requirement</i>	10.0%	≥ 11.5%	≥ 300 bps targeted buffer of 200bps
	6.5%	8.5%	
Tier 1 Ratio			
<i>Requirement</i>	9.9%	≥ 12.0%	≥ 200 bps
	8.0%	10.0%	
Capital Adequacy Ratio			
<i>Requirement</i>	13.4%	≥ 14.0%	≥ 200 bps
	12.0%	12.0%	


Potential upside from implementation of **A-IRB methodology** (not included in 2020 expectations)

Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Please refer to Annex for regulatory limits, 2. Subject to Shareholders and regulatory approvals and pay-out ratio is assumed as 20%, 3. RWA optimisation from remix of loan book, collateralisation of the existing portfolio, etc.

1 Key features of Yapı Kredi capital strengthening plan

	Equity Offering	AT1 Offering
Size	 Finalised by end-June 2018 US\$ 1.0 bln	Approximately US\$ 0.5 bln
Structure	<ul style="list-style-type: none"> ▪ Rights Issue at nominal value ▪ Domestic Offering 	<ul style="list-style-type: none"> ▪ Expected to be offered in 144a/Reg S US\$ format ▪ Structure will be available after the regulatory approval
Indicative Timing	<ul style="list-style-type: none"> ▪ Finalised on 29 June 2018 	<ul style="list-style-type: none"> ▪ 27 April: filing to BRSA / CMB done ▪ Completion depending on regulatory approvals and market conditions

Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Expected impact on CET 1, Tier 1 and CAR, 2. Expected impact on Tier 1 and CAR based on size of AT1 Offering of US\$ 0.5 bln (depending on regulatory approval and market conditions)

2

Sustainable revenue generation through rebalancing of business mix and enhanced service model

Key Objectives

A

Rebalance business mix with a **risk adjusted return approach** towards **smaller tickets** and **higher value** generating segments and products for **both lending and deposit gathering**

B

Increase **Transactional Banking** activities to further strengthen fee generation capacity, increasing focus on:

- **existing house-bank customer** penetration
- **acquiring new customers**



■ **New Servicing Model:**

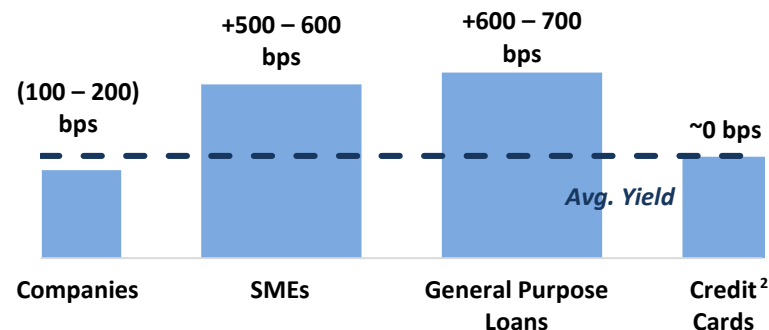
- **Fully Centralised** for mass individual and micro enterprises, leveraging on deployed digital efficiency **to increase profitability via lower cost to serve**
- **Dedicated Relationship Management** for affluent and private individuals, medium and large enterprises, **to increase profitability via improved loyalty**

Rebalance loan mix towards smaller ticket and higher value generating loans

Key Objective

Rebalance loan mix using a risk adjusted return approach

Delta vs. Average Risk-Adjusted Yield by Segments (2017)¹

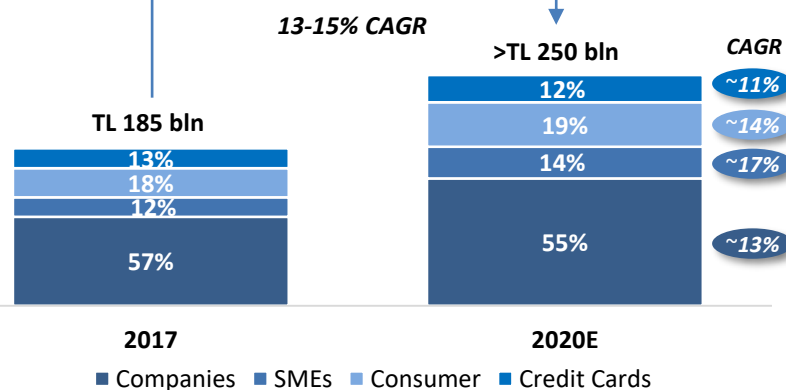


Key Initiatives

- Loan mix will be rebalanced towards SME segment, despite remaining below natural market share
- General Purpose Loans to balance Credit Card risk profile
- Lower RWA density in Corporate and Commercial loan portfolio by decreasing concentration on big tickets and leveraging governmental incentives

Expected Results

Loan Growth and Breakdown



Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Based on performing loans including TL and FX, risk figures are calculated as life-time risk, 2. Calculated over outstanding balances and excludes fee generation from card business

Shift deposit mix towards lower cost, smaller ticket, individual and demand deposits

Key Objective

Increase the share of individual and demand deposits within total deposits

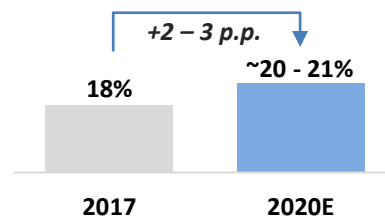
Key Initiatives

- **Increase salary and house-bank customers** (for both individual and SME) who bring 2 times and 4 times higher demand deposit volume than average non house-bank customers, respectively
- **Refocus on the Affluent Segment Model via creating a high touch** and improving service quality together with decreasing the number of customers per RM
- **Focus on investment product usage for individuals**
- **Reduce dependency from large tickets also via enhanced e-deposit strategy**

Expected Results

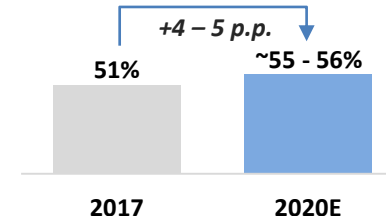
Demand Deposits

(% of Total Deposits)



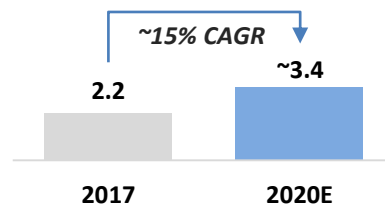
Individual Deposits

(% of Total Deposits)



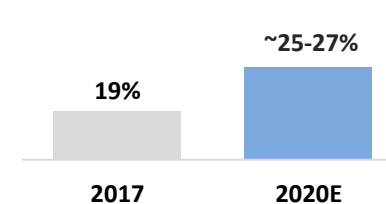
Salary Customers¹

Number of Salary Customers (mln)



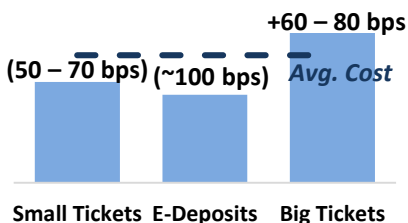
House-bank² Penetration

(% of Total Customers)



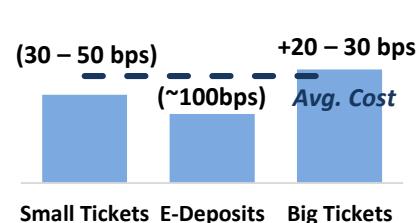
TL Time Deposit Costs (2017)

Delta vs. Average Cost of TL Time Deposits



FX Time Deposit Costs (2017)

Delta vs. Average Cost of FX Time Deposits



Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Indicates the number of customers whose salary is paid into bank account at Yapı Kredi, 2. Level of score for each customer based on number of transactions and product usage (for individuals, SME and private banking)

Focus on transactional banking to strengthen fee generation capacity

Key Objective

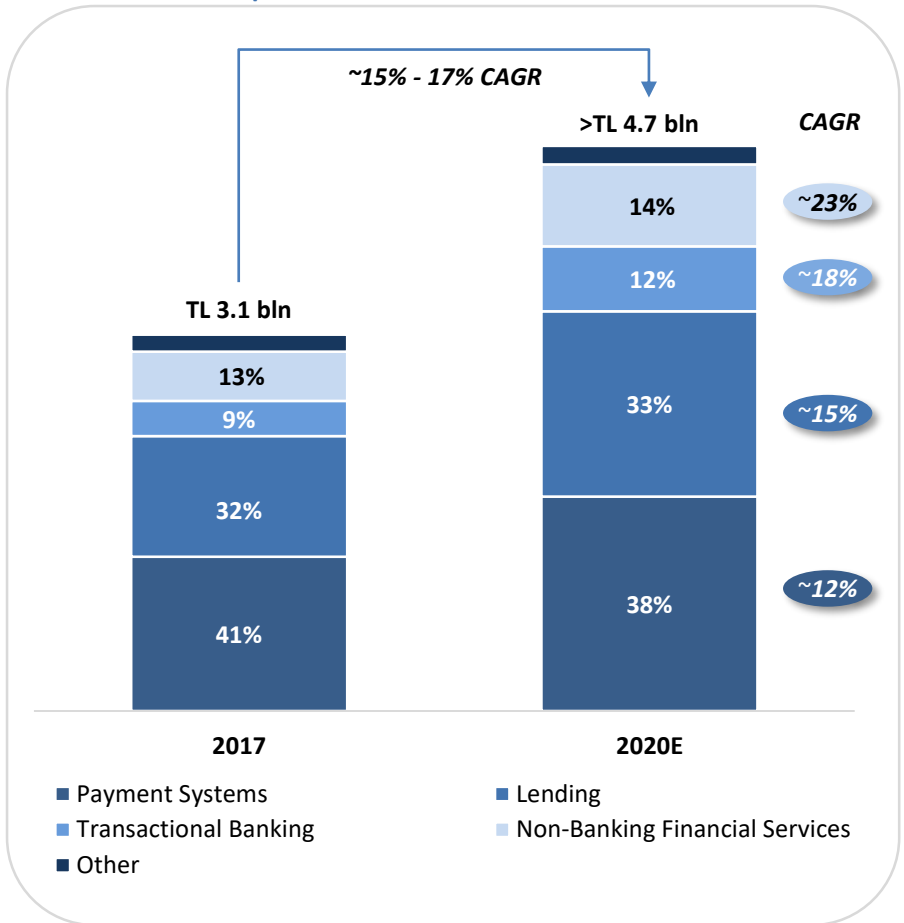
- Continue to maintain **best-in-class** fee generation by further leveraging on large customer base while **strengthening its diversification**
- Increase fees from **Transactional Banking** by ~+23% yearly growth
- Focus on **Non-banking Financial Services** fee via bancassurance and asset management

Key Initiatives

- Enhanced relationship with customers
 - Less customers per RM** via increase the number of RMs and efficiency
 - Adding commercial corners** within the branches
- Focus on **Cash Management and Trade Finance** services for Corporate & Commercial and SMEs
- Increase the number of **POS customers**
- Increase **corporate finance** activities

Expected Results

Fee Growth and Composition



Notes:
 All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

Key Objective

A

Enhance the leading and differentiated customer experience by **investing in digital transformation**

B

Migrate to a centralised and simplified service model for **operational efficiency**

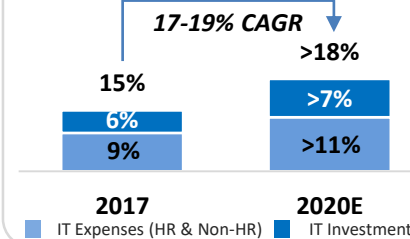
C

Improve operational processes through **service-channel optimisation and integration**

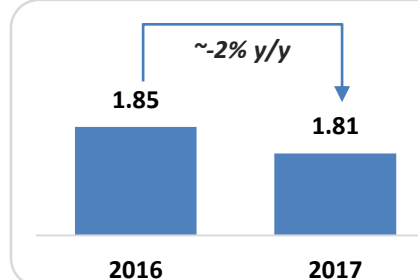
Expected Results

Stable and Recurring IT Investments

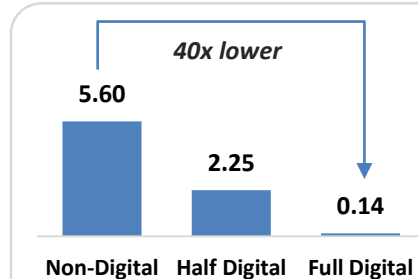
As % of Total Operating Expenses



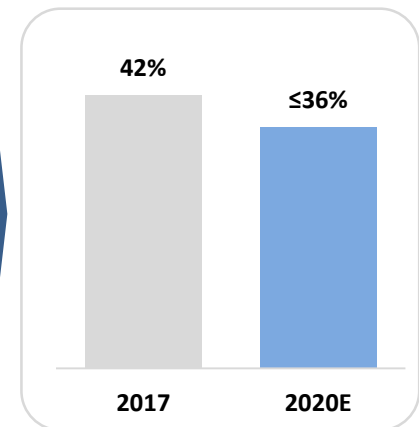
Average Cost per Transaction¹ (TL)



Cost to Serve per channel¹ (TL)



Improving Cost / Income



Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Total Cost to Serve and Cost to Serve per channel are calculated based on direct costs of each sales channels

Key Objective

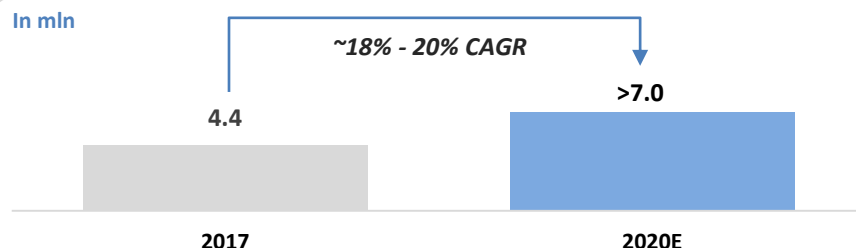
Increase digital customer base across all products to benefit from lower costs to serve

Key Initiatives

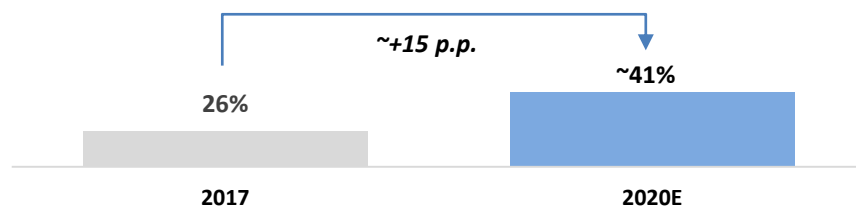
- **Retaining customers**
 - Expand digital banking offer via mobile first approach
 - Create a seamless, simple, unified and personal experience across all customer touch points
- **Acquiring new customers**
 - Expand the investment products and services on digital, enabling complete set of “investment for the individual”
 - Digitalise functionality, sales and marketing process for card customers (New Credit Card app will be in use in 2H18)

Expected Results

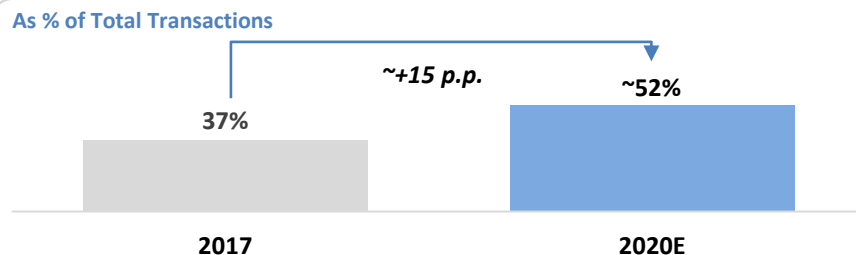
Increase in Number of Digital Customers



Product Sold in Digital¹



Evolution of Transactions Performed Through Digital Channel²



Notes:

1. Included products are: Time Deposit, GPL, Credit Card and Flexible Account (If investment products included 2017 figure becomes 59%)
2. There are 222 different transactions included in this calculation such as: cheque transactions, Letter of guarantee and letter of credits, account related transactions, credit card transactions, loan opening transactions, cash withdrawal with instalments loan, overdraft, Money transfers, investment products

Key Objective

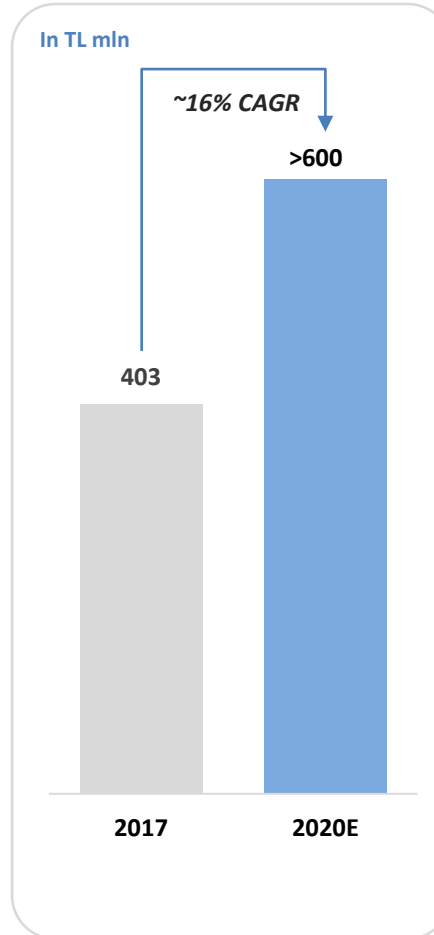
Transform the operating and service model to unlock Yapı Kredi's efficiency potential

Key Initiatives

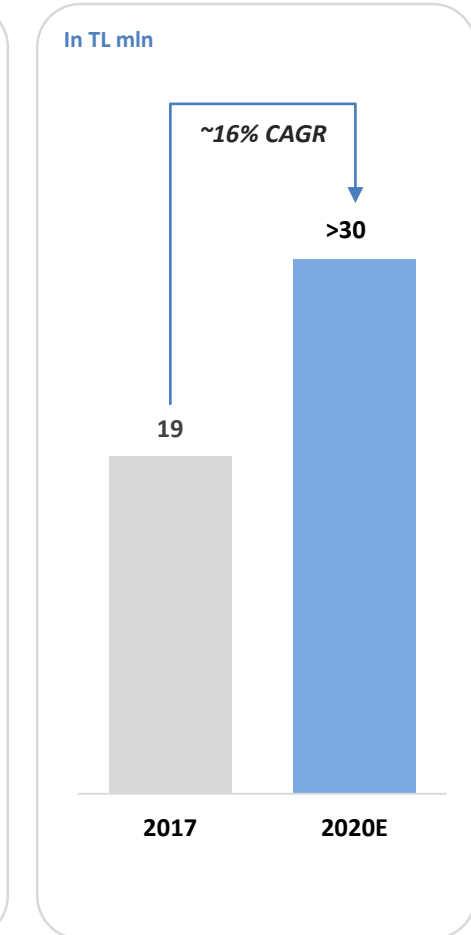
- Focus on **efficiency and digitalisation** through process automation, centralisation and elimination
- Digitalise the branch network, reaching a **paperless** branch experience for **~95% of the services offered in Retail branches**
- Tellers and RMs unification** to create single point of service in branches
- Improve **sales support infrastructure** through automation, leading to increased efficiency in RM performance

Expected Results

Commercial Volume¹ per Branch



Commercial Volume¹ per Employee



Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Represents total of loans and deposits

4 Asset quality optimisation

Key Objective

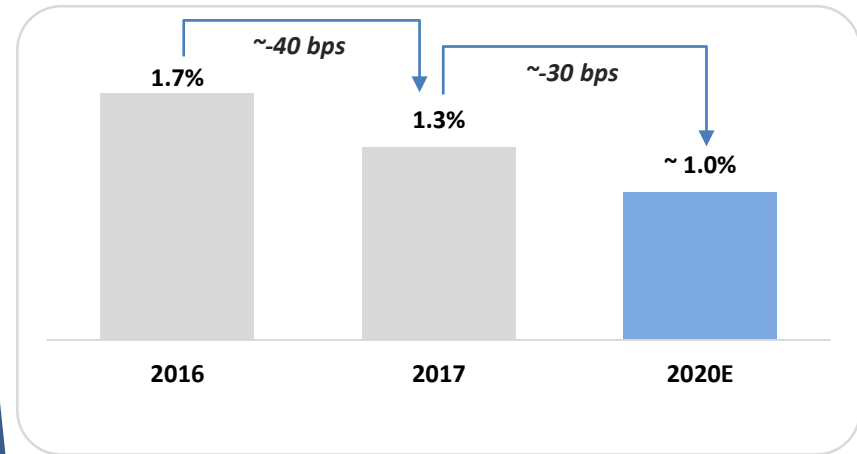
A
Focus on underwriting and monitoring policies

B
Continuous enhancement of collection processes

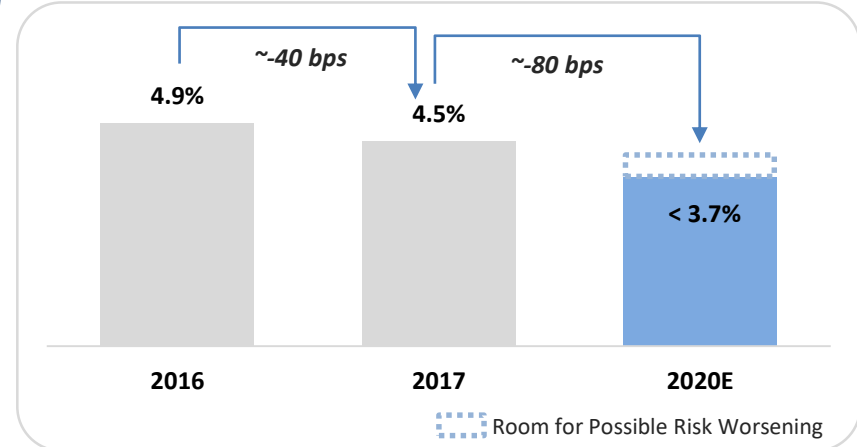
C
Pro-active NPL management

Expected Results

Total Cost of Risk¹ (%)



Gross NPL Ratio (%)



Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Cost of Risk = (Total Loan Loss Provisions - Collections)/Total Gross Loans; 2016 and 2017 Cost of Risk adjusted with IFRS 9 impact for comparability purposes.

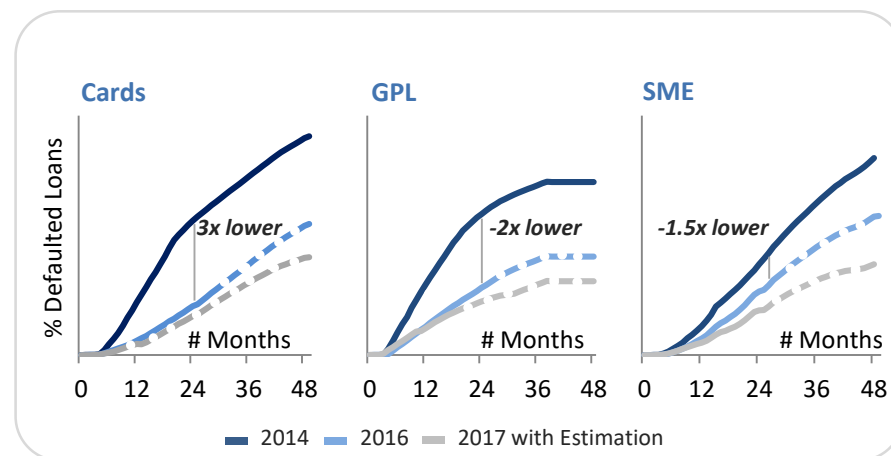
Reported Cost of Risk in 2016 and 2017 was 1.4% and 1.1% in 2016 and 2017 respectively

Key Initiatives

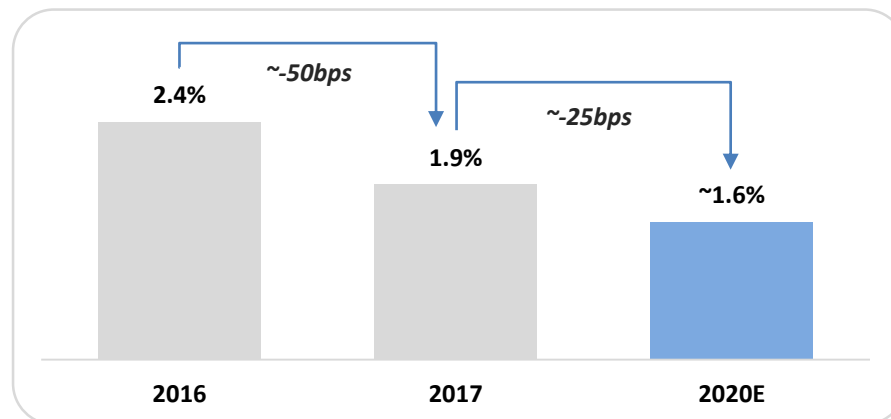
- **Customised underwriting approach** based on customers, products and channels
 - **Individuals and Micro Enterprises:** fully automated process leveraging machine-learning technologies
 - **Bigger Tickets:** Tailor-made approach with strict concentration limits and increased **sector expertise**
- **Early collection model and process enhancements**
 - **Segmentation of 0-90 days-past-due portfolio** via behavioural customers data
- **Centralised risk monitoring**

Expected Results

NPL Ratio by Vintage



Gross NPL Inflows / Total Performing Loans BoP



Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

Continuous enhancement of collection processes and pro-active NPL management

Key Initiatives

Continuous enhancement of collection processes

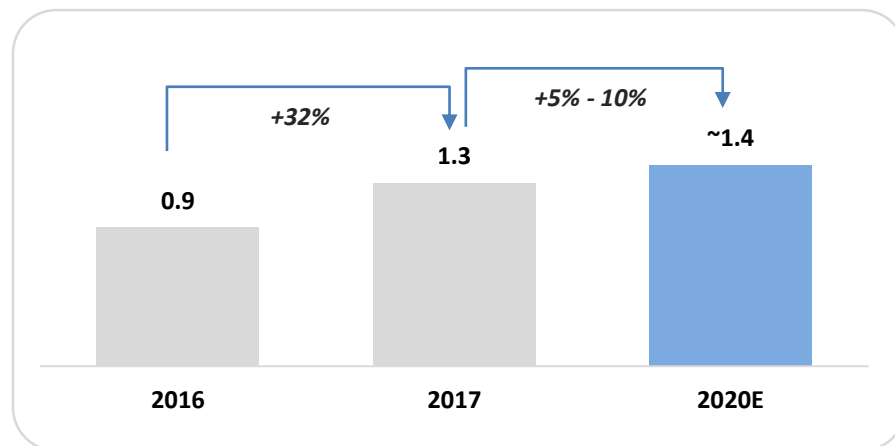
- **Strengthen collection process** through specific product / regional team support
- **Machine learning** for improved portfolio segmentation
- **Flexible restructuring options** (product type, maturity, interest rate)
- New KPIs to **monitor and improve performance**

Pro-active NPL management

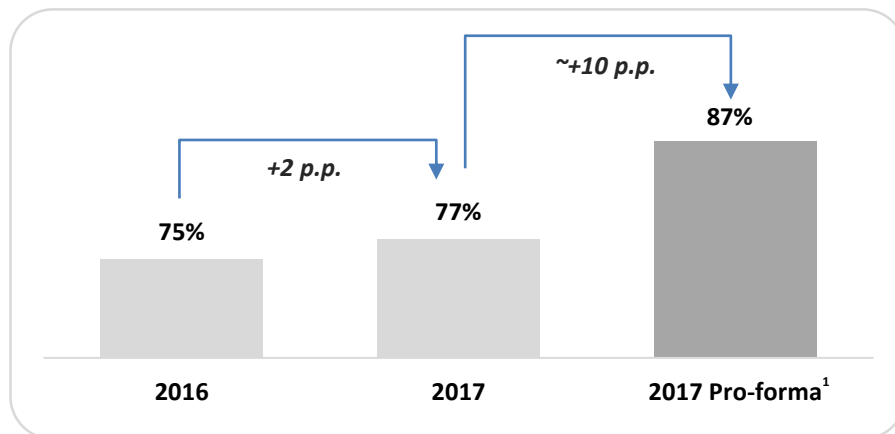
- **Front loaded coverage increase** to support further NPL disposal
- **Wide range of restructuring products** to match customer's ability to repay

Expected Results

Collections (TL bln)



Specific NPL Coverage Ratio (%)

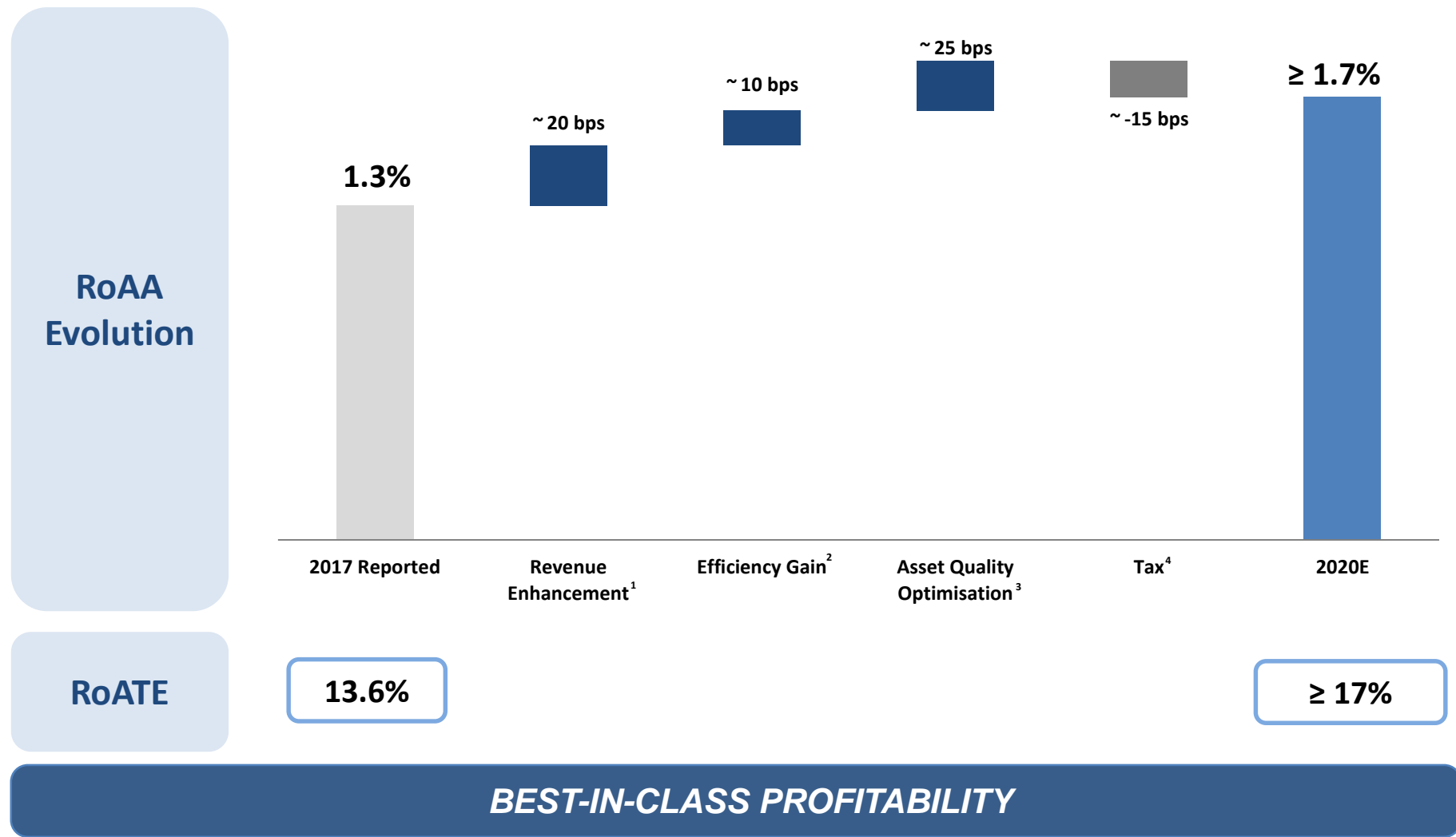


Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Represents 2017 year-end coverage ratio with IFRS 9 first time adoption impact

Key drivers for best-in-class profitability by 2020



Notes:

All expected results are relying on current regulations and macro assumptions as presented in the Annex. Additionally these expected results assume US\$ 1.0 bln (with a conversion rate of USDTRY: 4.10) rights issue and approximately US\$ 0.5 bln AT1 (depending on regulatory approval and market conditions). Impact of IFRS 16 is not included. All expected results are unconsolidated, except for capital ratios

1. Calculated as Revenues / Assets for 2020 versus 2017 pretax, 2. Calculated as Operating Expenses / Assets for 2020 versus 2017 pretax, 3. Calculated as Loan Loss Provisions / Assets for 2020 versus 2017 pretax, 4. Including the impact of tax rate change



Annex

Macro Environment and Banking Sector

Macro Environment

CBRT tightens with the intention to maintain the stability

	3Q17	4Q17	1Q18	2Q18	3Q18
GDP Growth (y/y)	11.5%	7.3%	7.3%	5.2%	-
CPI Inflation (y/y)	11.2%	11.9%	10.2%	15.4%	24.5%
Consumer Confidence Index	68.7	65.1	71.3	70.3	59.3
CAD/GDP¹	-4.6%	-5.5%	-6.2%	-6.4%	-6.1%
Budget Deficit/GDP²	-1.6%	-1.5%	-1.6%	-2.0%	-2.0%
Unemployment Rate³	10.6%	10.4%	10.1%	9.6%	10.8%
USD/TL (eop)	3.57	3.81	3.99	4.61	6.08
2Y Benchmark Bond Rate (eop)	11.9%	13.4%	14.0%	19.3%	25.8%

Banking Sector

Slowdown in FX adjusted loan growth;
Slight deterioration in the asset quality on the back of macro volatility

	3Q17	4Q17	1Q18	2Q18	3Q18
Loan Growth	4%	5%	5%	7%	10%
<i>Private</i>	2%	5%	4%	6%	7%
<i>State</i>	5%	6%	6%	10%	11%
Deposit Growth	2%	5%	4%	7%	12%
<i>Private</i>	1%	4%	4%	6%	13%
<i>State</i>	5%	6%	5%	9%	10%
NPL Ratio	3.0%	2.9%	2.8%	2.9%	3.1%
CAR⁴	16.7%	16.5%	16.3%	15.9%	17.0%
ROATE⁴	15.5%	13.6%	15.2%	15.4%	15.0%

Notes:

All macro data as of September 2018 unless otherwise stated

Banking sector volumes based on BRSA weekly data as of 29 Jun'18

1. CAD indicates Current Account Deficit as of Aug'18

2. Budget Deficit is as of Aug'18

3. Unemployment rate is as of Jul'18

4. CAR and ROATE as of Aug'18

Macro environment and banking sector scenario

Macro Environment

	2017	2020E
GDP Growth (y/y)	7.4%	4.3%
CPI Inflation (y/y)	11.9%	8.0%
EUR/TL (eop)	4.52	6.15
USD/TL (eop)	3.77	4.98
Benchmark Bond Rate (eop)	13.4%	9.5%

Banking Sector

	2017	2020E
Loan Growth	21%	~13-15% (CAGR)
Deposit Growth	16%	~13-15% (CAGR)
NPL Ratio	2.9%	~3.5%
CAR	16.5%	~14-15%
RoATE	15.1%	~15.0%

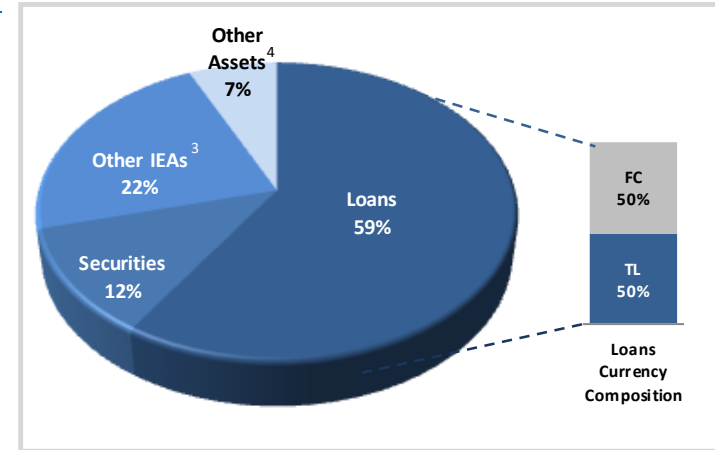
Notes:

Banking sector volumes based on BRSA weekly data as of 29 Dec'17

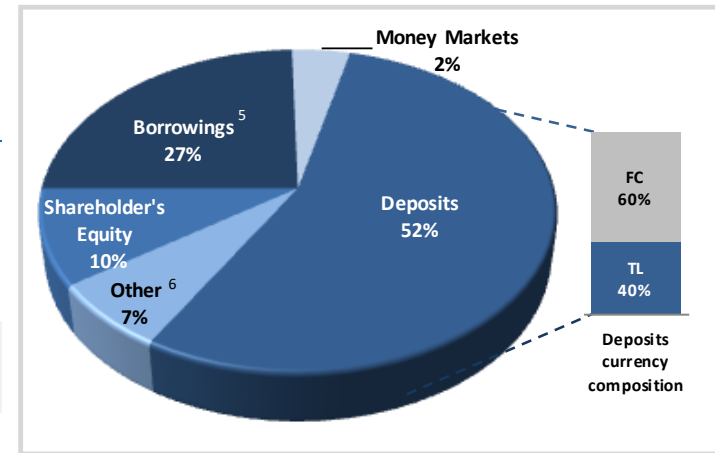
Consolidated Balance Sheet

TL bln	1Q17 ¹	1H17 ¹	9M17 ¹	2017 ¹	1Q18	1H18	9M18	q/q	y/y	ytd
Total Assets	278.3	283.3	290.6	316.9	328.7	365.1	422.0	16%	45%	33%
Loans²	183.7	185.8	190.6	199.9	205.3	222.2	249.4	12%	31%	25%
TL Loans	107.0	111.1	115.1	120.1	118.8	123.0	124.8	1%	8%	4%
FC Loans (\$)	21.1	21.3	21.2	21.2	21.9	21.7	20.8	-4%	-2%	-2%
Securities	32.6	32.4	35.5	38.8	41.7	45.2	49.7	10%	40%	28%
TL Securities	22.4	22.7	25.5	28.1	30.7	32.7	33.7	3%	32%	20%
FC Securities (\$)	2.8	2.8	2.8	2.8	2.8	2.7	2.7	-2%	-5%	-5%
Deposits	163.5	164.2	165.0	173.4	180.0	192.8	221.0	15%	34%	27%
TL Deposits	81.3	81.1	71.1	75.9	85.4	80.1	88.6	11%	25%	17%
FC Deposits (\$)	22.6	23.7	26.4	25.8	24.0	24.7	22.1	-11%	-16%	-14%
Borrowings	61.0	62.3	63.9	75.3	80.8	90.0	114.5	27%	79%	52%
TL Borrowings	5.1	6.1	6.5	7.1	6.8	7.8	7.0	-11%	7%	-1%
FC Borrowings (\$)	15.4	16.0	16.1	18.1	18.7	18.0	17.9	0%	11%	-1%
Shareholders' Equity	27.7	28.5	29.0	30.1	31.6	37.8	40.3	7%	39%	34%
Assets Under Management	17.4	18.5	19.1	19.5	20.1	19.6	19.9	1%	4%	2%
Loans/Assets	66%	66%	66%	63%	62%	61%	59%			
Securities/Assets	12%	11%	12%	12%	13%	12%	12%			
Borrowings/Liabilities	22%	22%	22%	24%	25%	25%	27%			
Loans/(Deposits+TL Bills)	112%	112%	115%	114%	113%	114%	112%			
CAR - cons	13.4%	13.7%	13.8%	13.4%	12.9%	13.9%	13.3%			
Common Equity Tier-I - cons	9.9%	10.3%	10.3%	10.0%	9.9%	10.7%	9.8%			
Leverage Ratio	9.0x	8.9x	9.0x	9.5x	9.4x	8.7x	9.5x			

Assets



Liabilities



Note: Loans indicate performing loans

1. 2017 figures recasted for IFRS 9 reclassification of general provisions

2. TL and FC Loans are adjusted for the FX indexed loans

3. Other interest earning assets (IEAs) include cash and balances with the Central Bank of Turkey, banks and other financial institutions, money markets, factoring receivables, financial lease receivables

4. Other assets include investments in associates, subsidiaries, joint ventures, hedging derivative financial assets, property and equipment, intangible assets, tax assets, assets held for resale and related to discontinued operations (net) and other

5. Borrowings: include funds borrowed, marketable securities issued (net), subordinated loans. Intragroup funding from UniCredit €2.56bn⁷ (New definition of intragroup funding aligned with UniCredit Group methodology, i.e. all subordinated (Tier 2) and senior funding from UniCredit Group companies to Yapi Kredi Group excl. trade finance (which is client business). Comparable number for Dec 17 was €2.58bn)

6. Other liabilities: include retirement benefit obligations, insurance technical reserves, other provisions, hedging derivatives, deferred and current tax liability and other

Consolidated Income Statement

TL million	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	q/q	y/y	9M17	9M18	y/y
Net Interest Income including swap costs	2,217	2,089	2,154	2,522	2,543	2,778	4,004	44%	86%	6,460	9,325	44%
o/w NII (excl. CPI linkers' income)	1,926	1,983	1,944	2,147	2,409	2,748	2,951	7%	52%	5,853	8,108	39%
o/w CPI-linkers	325	338	409	663	436	460	1,360	196%	232%	1,072	2,257	111%
o/w Swap costs	-34	-232	-198	-288	-302	-431	-308	-29%	55%	-465	-1,040	124%
Fees & Commissions	849	826	799	841	1,034	1,051	1,036	-1%	30%	2,474	3,121	26%
Core Revenues	3,066	2,915	2,954	3,364	3,577	3,829	5,040	32%	71%	8,934	12,446	39%
ECL net of collections	539	532	592	568	514	835	2,187	162%	270%	1,663	3,535	113%
o/w Stage 3 Provisions	756	717	761	596	607	738	1,447	96%	90%	2,234	2,792	25%
o/w Stage 1 + Stage 2 Provisions	45	62	46	151	237	460	984	114%	-	153	1,680	995%
o/w Collections	262	247	215	179	330	363	244	-33%	13%	724	937	29%
Operating Costs	1,370	1,422	1,363	1,543	1,450	1,554	1,683	8%	23%	4,154	4,686	13%
Core Operating Income	1,156	962	999	1,253	1,613	1,441	1,170	-19%	17%	3,117	4,224	36%
Trading and FX gains/losses	100	125	38	-24	11	275	697	154%	1718%	263	983	273%
o/w FX gains/losses	38	99	28	9	27	65	626	-	-	165	717	336%
o/w MtM gains/losses	34	16	-7	-32	-7	118	26	-	-	43	137	218%
o/w Trading gains/losses	28	10	17	-1	-9	92	46	-	-	56	128	131%
Other income	102	75	53	109	136	40	76	90%	43%	231	252	9%
o/w income from subs	28	19	19	22	28	25	31	24%	66%	66	84	28%
o/w Dividends	2	8	0	0	4	8	1	-91%	-	10	13	24%
o/w Others	72	48	35	86	104	7	45	516%	29%	155	156	1%
Other Provisions & Costs	94	40	33	180	147	196	525	168%	-	167	868	420%
o/w Other provisions for risks and charges	50	0	0	0	100	100	330	-	-	50	530	-
o/w Pension fund provisions	0	0	0	123	0	88	145	-	-	0	233	-
o/w Other provisions	44	40	33	58	47	8	50	-	52%	117	105	-10%
Pre-tax Income	1,265	1,121	1,058	1,158	1,613	1,559	1,418	-9%	34%	3,444	4,591	33%
Tax	263	229	216	278	369	332	303	-9%	40%	709	1,005	42%
Net Income	1,001	892	841	880	1,244	1,227	1,115	-9%	33%	2,735	3,586	31%
ROTE¹	15.8%	13.3%	12.4%	12.6%	17.1%	15.9%	11.9%	-391bps	-46bps	14.0%	14.3%	23bps

Note:

1. 2Q18 and 1H18 ROTE is adjusted for the 4.1 bln TL rights issue on 30th of June

Bank-Only Income Statement

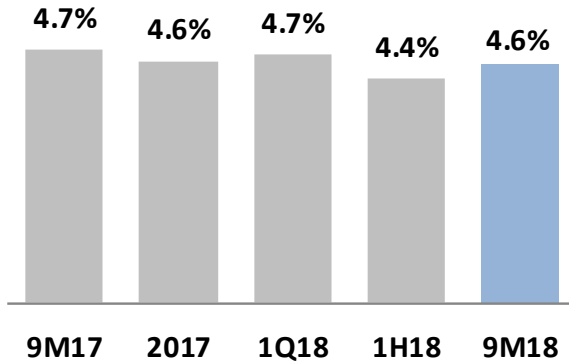
TL million	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	q/q	y/y	9M17	9M18	y/y
Net Interest Income including swap costs	2,030	1,895	1,965	2,306	2,270	2,585	3,677	42%	87%	5,890	8,533	45%
o/w NII (excl. CPI linkers' income)	1,816	1,836	1,803	2,021	2,332	2,648	2,783	5%	54%	5,455	7,762	42%
o/w CPI-linkers	325	338	409	663	436	460	1,360	196%	232%	1,072	2,257	111%
o/w Swap costs	-111	-278	-247	-378	-497	-523	-466	-11%	88%	-637	-1,486	133%
Fees & Commissions	807	784	757	788	986	993	977	-2%	29%	2,348	2,957	26%
Core Revenues	2,837	2,679	2,722	3,094	3,257	3,578	4,655	30%	71%	8,238	11,490	39%
ECL net of collections	526	501	574	539	483	832	2,131	156%	271%	1,601	3,446	115%
o/w Stage 3 Provisions	745	687	749	572	590	716	1,389	94%	85%	2,181	2,694	24%
o/w Stage 1 + Stage 2 Provisions	43	61	40	146	224	480	985	105%	-	144	1,689	-
o/w Collections	262	247	215	179	330	363	244	-33%	13%	724	937	29%
Operating Costs	1,295	1,346	1,293	1,462	1,375	1,470	1,591	8%	23%	3,935	4,437	13%
Core Operating Income	1,016	832	855	1,093	1,398	1,276	933	-27%	9%	2,702	3,607	33%
Trading and FX gains/losses	89	119	23	-29	57	212	664	213%	-	231	933	304%
o/w FX gains/losses	37	71	26	0	23	58	589	912%	-	133	671	403%
o/w MtM gains/losses	39	11	-6	-33	-8	114	31	-73%	-	44	138	213%
o/w Trading gains/losses	13	37	3	4	41	40	43	9%	-	54	124	132%
Other income	213	186	179	233	252	227	276	21%	54%	578	755	31%
o/w income from subs	146	140	144	145	211	171	233	36%	62%	430	615	43%
o/w Dividends	2	0	0	0	3	2	1	-58%	-	2	5	125%
o/w Others	65	45	35	88	39	54	42	-23%	21%	145	135	-7%
Other Provisions & Costs	88	45	32	169	145	194	516	166%	-	164	856	422%
o/w Other provisions for risks and charges	50	0	0	0	100	100	330	230%	-	50	530	-
o/w Pension fund provisions	0	0	0	123	0	88	145	65%	-	0	233	-
o/w Other provisions	38	45	32	46	45	6	41	-	-	114	93	-19%
Pre-tax Income	1,230	1,092	1,024	1,127	1,562	1,521	1,357	-11%	32%	3,346	4,439	33%
Tax	229	200	183	247	318	294	242	-18%	32%	612	853	39%
Net Income	1,001	892	841	880	1,244	1,227	1,115	-9%	33%	2,735	3,586	31%
ROTE¹	15.8%	13.4%	12.4%	12.6%	17.0%	15.8%	11.9%	-390bps	-46bps	14.0%	14.3%	23bps

Note:

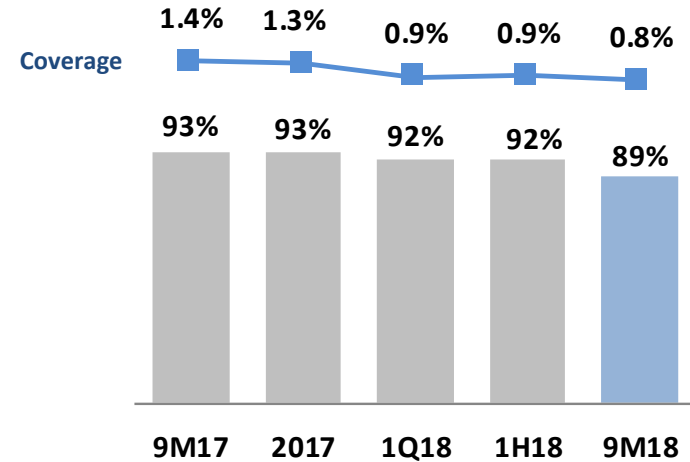
1. 2Q18 ROTAE is adjusted for the 4.1 bln TL rights issue on 30th of June

Consolidated asset quality indicators

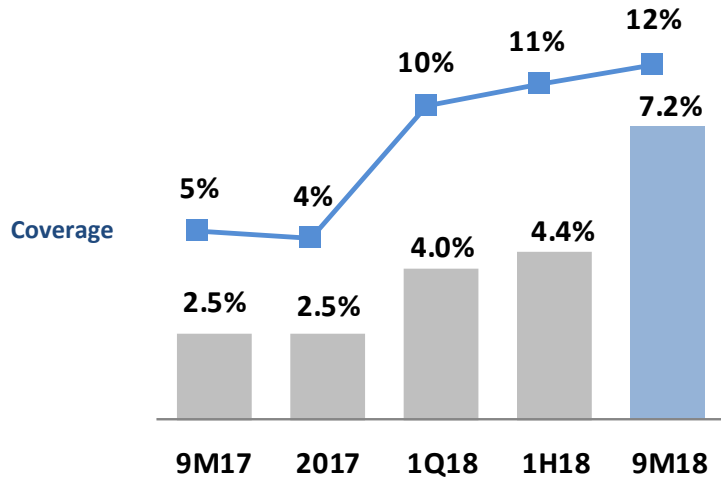
Provisions / Gross Loans



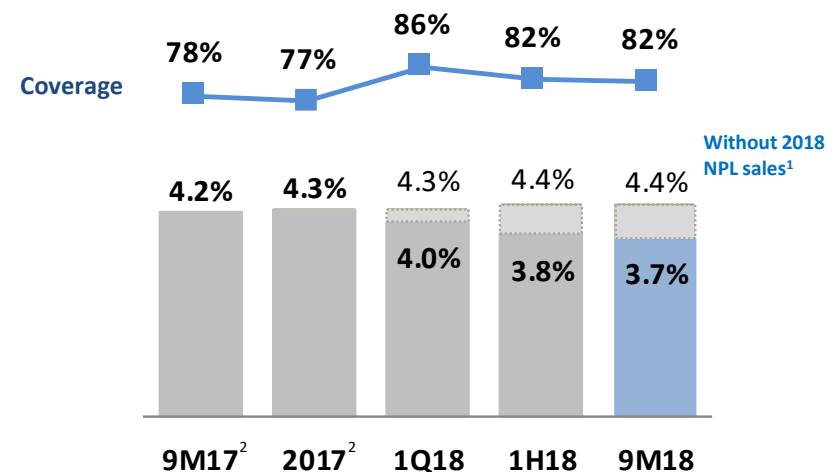
Stage I loans to Gross Loans



Stage II loans to Gross Loans



Stage III loans to Gross Loans

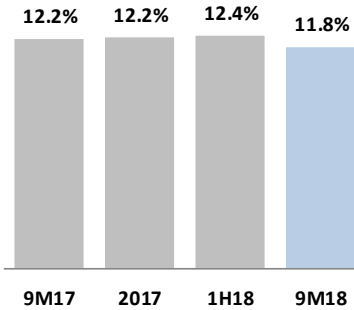


Notes:

1. TL 2.0 bln NPL sales in 9M18 (628 mln in 1Q18; 1 bln in 2Q18; 367 mln in 3Q18)
2. For homogenous comparison Factoring and Leasing included

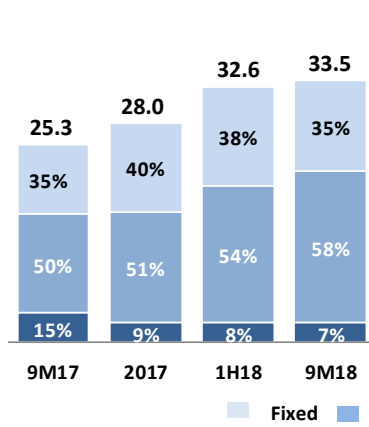
Securities

Securities/Assets

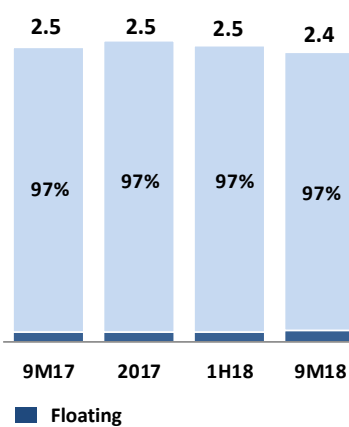


Composition by Type¹ (TL bln)

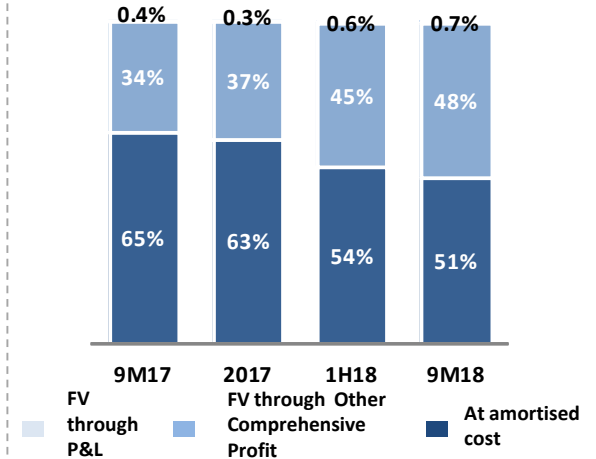
TL Securities (bln TL)



FC Securities (bln USD)



Composition by Classification¹

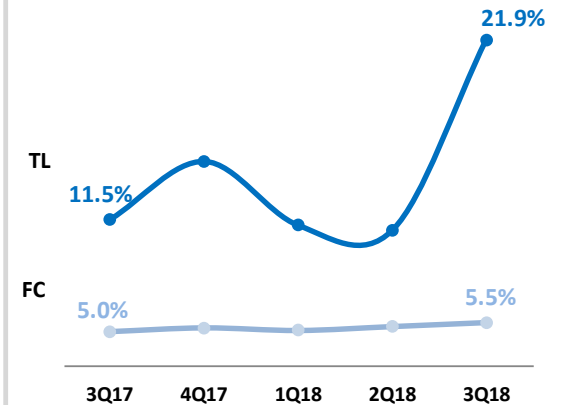


- **Securities / assets at 11.8%** with dynamically managed mix to benefit from rate environment
- **Increase in CPI linkers to benefit from higher inflation levels.** CPI-linker volume increased 42% y/y to TL 15.4 bln in book value²; with a gain of TL 2,257 mln in 9M18

Inflation estimate for revaluation of CPI linkers: 16.0% (previous: 9.3%)

- **M-t-m unrealised loss at TL 2,006 mln as of 9M18** (TL -385 mln in 2017)





Security Yields¹



Notes:

1. Based on Bank-Only financials
2. Excluding accruals

Details of main Borrowings

International	Syndications	<p>~ US\$ 2.6 bln in 2018</p> <ul style="list-style-type: none"> ■ May'18: US\$ 382mln & € 923mln, all-in cost at Libor+ 1.30% and Euribor+ 1.20% for the 367 day tranche and Libor+ 2.10 % and Euribor+ 1.50 % for the 2 year and 1 day tranche, respectively. 48 banks from 19 countries ■ Oct'18: US\$ 275mln & € 690.7mln, all-in cost at Libor+ 2.75% and Euribor+ 2.65% for 367 days. 27 banks from 13 countries
	Subordinated Loans	<p>~US\$ 2.6 bln outstanding</p> <ul style="list-style-type: none"> ■ Dec'12: US\$ 1.0 bln market transaction, 10 years, 5.5% (coupon rate) ■ Jan'13: US\$ 585 mln, 10NC5, 5.7% fixed rate – Basel III Compliant ■ Dec'13: US\$ 470 mln, 10NC5, 6.55% – Basel III Compliant (midswap+4.88% after the first 5 years) ■ Mar'16: US\$ 500 mln market transaction, 10NC5, 8.5% (coupon rate)
	Foreign and Local Currency Bonds / Bills	<p>US\$ 3.2 bln Eurobonds</p> <ul style="list-style-type: none"> ■ Jan'13: US\$ 500 mln, 4.00% (coupon rate), 7 years ■ Dec'13: US\$ 500 mln, 5.25% (coupon rate), 5 years ■ Oct'14: US\$ 550 mln, 5.125% (coupon rate), 5 years ■ Feb'17: US\$ 600 mln, 5.75% (coupon rate), 5 years ■ Jun'17: US\$ 500 mln, 5.85% (coupon rate), 7 years ■ Jun'17: TL 500 mln, 13.13% (coupon rate), 3 years ■ Mar'18: US\$ 500 mln, 6.10% (coupon rate), 5 years
	Covered Bond	<p>TL 1.17 bln out standing</p> <ul style="list-style-type: none"> ■ Oct'17: Mortgage-backed, maturity 5 years ■ Feb'18: Mortgage-backed with 5 years maturity ■ May'18: Mortgage-backed with 5 years maturity 
Domestic	Local Currency Bonds / Bills	<p>TL 1.95 bln total</p> <ul style="list-style-type: none"> ■ Jul'18 : TL 962 mln, 3 months maturity  ■ Aug'18 : TL 767 mln , 3 months maturity  ■ Sep'18 : TL 219 mln, 2 months maturity 

Turkey: A large and dynamic country with solid growth potential and resilient fundamentals

Turkey

Turkey

- Europe's 7th largest economy and a member of G20
- Young, dynamic, large and growing population
- Sovereign ratings of Ba3/B+/BB by Moody's/S&P/Fitch

	TR 2017	EU 2017
Population (mln)	81	513
Median Age	32	43 ¹
Population Growth (CAGR 2000-2017)	1.5%	0.3%
GDP (€ bln)	752	15,336
World Ranking	17	-
Per Capita GDP (€)	9,311	29,900
World Ranking	68	-

Macro

- Converging economy with growth potential
- Focus on achieving balanced growth driven by both consumption and net exports
- Strong fiscal discipline with low public debt/GDP
- Stable CAD/GDP

	2014	2015	2016	1H17	2017	9M18
GDP Growth	5.2%	6.1%	3.2%	5.3%	7.4%	5.2%
CPI (eop)	8.2%	8.8%	8.5%	8.5%	11.9%	24.5%
Benchmark Rate (eop)	7.9%	10.8%	10.7%	11.1%	13.4%	25.8%
Unemployment ²	9.9%	10.3%	10.9%	10.2%	10.9%	10.8%
Policy Rate	8.3%	7.5%	8.0%	8.0%	8.0%	24.0%
CBT funding rate	8.5%	8.8%	8.3%	11.2%	12.8%	24.0%
CAD/GDP	4.7%	3.7%	3.8%	4.1%	5.5%	6.1%
o/w energy	5.2%	3.9%	2.8%	3.3%	3.8%	4.5%
Public Debt/GDP	29%	29%	29%	29%	28%	29%
Budget deficit/GDP	-1.1%	-1.0%	-1.1%	-2.0%	-1.5%	-2.0%

Source: Turkstat, Eurostat (for population, median age, population growth, GDP, per capita GDP, unemployment), IMF (for world ranking), CBRT (inflation), Bloomberg (benchmark), Turkstat and

CBRT (for CAD/GDP), Treasury and Turkstat (public debt/GDP), CBRT, BRSA, Treasury and Turkstat (private debt/GDP)

Notes: EU indicates EU27 countries (source: population and macro data based on Turkish Statistical Institute)

Based on Turkish Statistical Institute and IMF World Economic Outlook

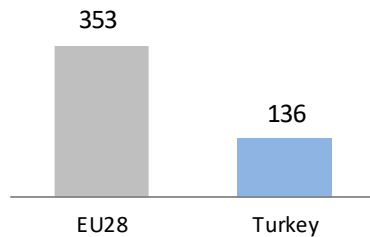
1. As of end-2016

2. As of July 2018

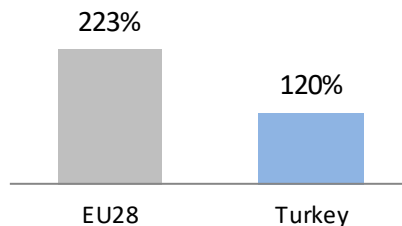
Despite solid growth in recent years, Turkish banking sector still underpenetrated in household lending

Banking Sector Penetration

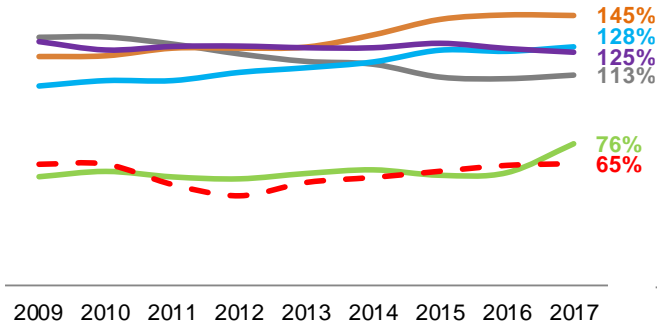
Branches Per
Million Inhabitants
(2016)



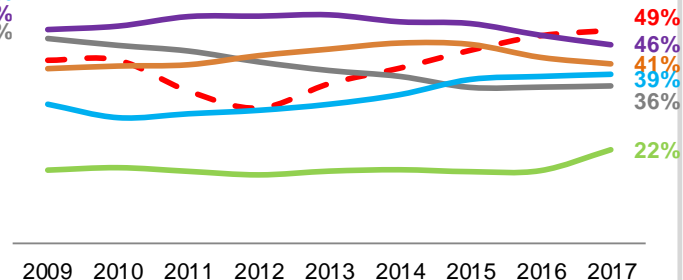
(Loans+Deposits)/GDP³
(2017)



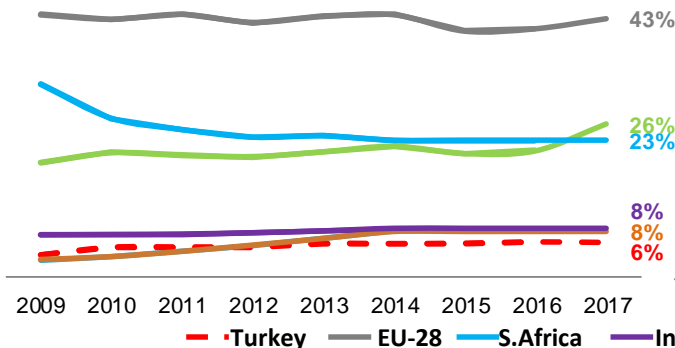
Total Loans¹/GDP



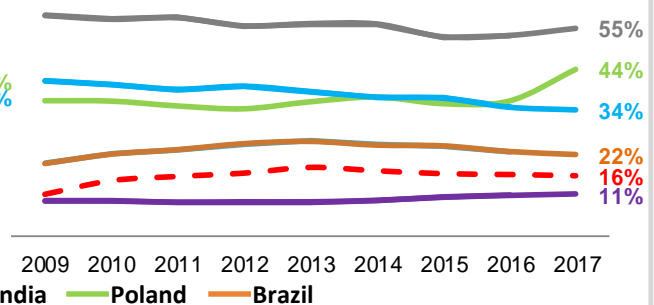
Corporate Loans/GDP



Mortgages/GDP



Loans to Households²/GDP



Source: European Central Bank, BRSA, CBRT, Turkstat, FRED database for India, Brazil, S.Africa

Note: Loan data on graphs for all countries based on 2017 actual figures

(1) Excluding lending to credit institutions

(2) Including housing loans, consumer lending and other household lending (including CC, excluding SMEs)

(3) Turkey, Ireland and Switzerland GDP numbers are forecasted figures

Healthy banking sector, resilient against external shocks and supporting economic growth

Banking Sector

Banking Sector

- **Well regulated** (BRSA est. in 2001)
- **Best practices in technology:** payment systems and well-qualified workforce
- **Healthy profitability**
- **Sound asset quality, liquidity and capitalisation**

Developments

- **Regulatory developments:**
 - **CGF** (supporting the loan growth)
 - **fees** (cut on account maintenance fees)
 - **capital** (potential alignment to IRB)
 - **provisioning** (IFRS9 as of 2018)
 - **corporate tax rate increase** (2018-20 to 22%)

Challenges

- **Interest rate and currency volatility**
- **Pricing competition and maturity of funding sources**
- **Asset quality**

	Banking Sector						
	2012	2013	2014	2015	2016	2017	9M18
Banks #	45	49	51	52	52	51	52
Branches #	10,234	11,023	11,223	11,193	10,781	10,550	10,505
Loan Growth (ytd)	15%	33%	18%	21%	17%	14%	24%
Deposit Growth (ytd)	11%	24%	10%	19%	17%	11%	25%
Loans/GDP ¹	48%	55%	58%	61%	64%	68%	74%
Deposits/GDP ¹	49%	53%	51%	53%	56%	57%	63%
Loans/Assets	58%	61%	62%	64%	64%	65%	63%
Deposits/Assets	59%	58%	56%	56%	56%	55%	53%
NIM	4.1%	3.8%	3.6%	3.6%	3.7%	3.9%	4.0%
NPL Ratio	2.8%	2.6%	2.8%	2.9%	3.2%	2.9%	3.1%
Specific Coverage	75%	77%	75%	76%	78%	80%	70%
CAR ²	17.3%	14.6%	15.7%	15.0%	15.1%	16.5%	17.7%
Tier 1 Ratio	14.2%	12.2%	13.1%	12.5%	12.6%	13.6%	14.1%
ROAE	14.5%	12.5%	12.1%	10.8%	13.5%	15.0%	14.5%
ROAA	1.7%	1.4%	1.3%	1.1%	1.4%	1.5%	1.3%

Source: Turkish Banks Association for bank and branch numbers, BRSA for banking sector data (including BS, P&L, KPIs), Turkstat for GDP data

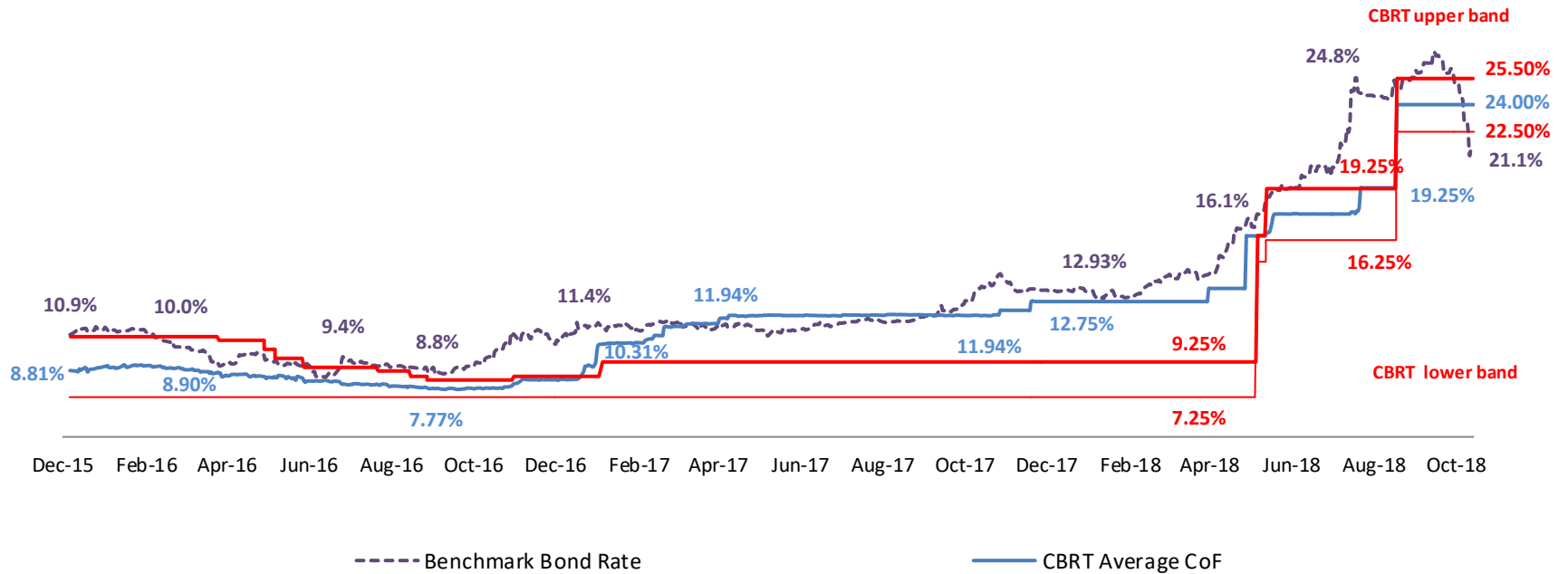
Notes:

Minimum total CAR at 8% (threshold for opening branches minimum 12% CAR), T1 at 6%, core T1 at 4.5%

(1) 3Q18 GDP assumed stable at 1H17 level

(2) Based on BRSA monthly financials; indicating deposit banks

CBRT rates



Notes:

Benchmark Bond Rate: Yield of the most traded 2-year government bond

CBRT Average CoF (cost of funding): Weighted average cost of outstanding funding of the CBRT via open market operations including O/N repo, one-week repo and one-month repo

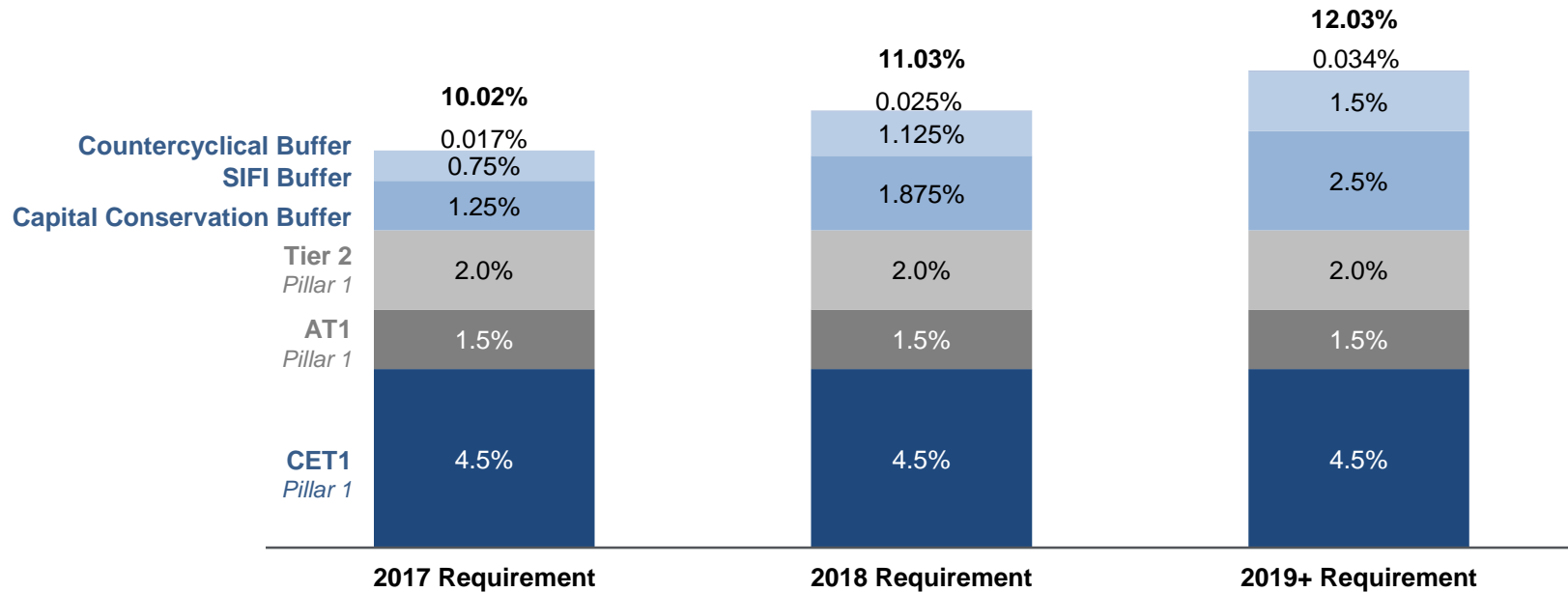
Credit Ratings

Moody's	Long-Term Foreign Currency			Long-Term Local Currency	
		Rating	Outlook	Rating	Outlook
	Yapı Kredi	B2	Negative	B1	Negative
	Garanti	B2	Negative	B1	Negative
	Akbank	B2	Negative	B1	Negative
	İşbank	B2	Negative	B2	Negative
	Halkbank	B2	Negative	B2	Negative
	Vakıfbank	B2	Negative	B1	Negative
S&P	Yapı Kredi	B+	Stable	B+	Stable
	Garanti	B+	Stable	B+	Stable
	Akbank	Not rated	-	Not rated	-
	İşbank	B+	Negative	B+	Negative
	Vakıfbank	B+	Negative	B+	Negative
Fitch	Yapı Kredi	BB-	Negative	BB	Negative
	Garanti	BB-	Negative	BB	Negative
	Akbank	B+	Negative	BB-	Negative
	İşbank	B+	Negative	BB-	Negative
	Halkbank	B+	Negative	BB	Negative
	Vakıfbank	B+	Negative	BB	Negative

Consolidated regulatory capital requirements for Yapı Kredi

Phase-in of Consolidated Capital Requirements for Yapı Kredi

■ CET1 ■ AT1 ■ T2 ■ CCB ■ SIFI ■ CCyB



Consolidated Capital Requirements for Yapı Kredi

CET 1 Ratio	6.5%	7.5%	8.5%
Tier 1 Ratio	8.0%	9.0%	10.0%
Capital Adequacy Ratio	12.0%	12.0%	12.0%

Notes:

Reflects current status of regulatory capital requirements which may be subject to change. Pillar 2 framework for Turkey already exists, however BRSA capital requirements currently do not include any Pillar 2 add-on. Countercyclical buffer can be updated based on regulatory decision and bank's exposures