

# Yapı Kredi 1H18 Investor Presentation

September 2018



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## **1H18 Results**

# Yapı Kredi: A leading financial services group

Yapı Kredi Overview

## Key Figures – 1H18

**Ratings** Moody's: B1 / Fitch: BB / S&P: B+

### Total Assets

**365.1  
bln TL**

### Loans<sup>1</sup>

**222.2  
bln TL**

### Net Income

**2,471  
mln TL**

### RoATE<sup>2</sup>

**16.4%**

### Number of Branches

**866**

### Employees<sup>3</sup>

**19,198**

## Market Share – 1H18

### Market Share<sup>4</sup>

### Total Bank

#### Cash & Non-cash Loans

**10.3%**

#### Deposits

**9.8%**

### Business Units

#### Corporate Loans<sup>5</sup>

**9.1%**

#### Consumer Loans<sup>6</sup>

**8.7%**

#### Credit Card Outstanding

**21.1%**

### Subsidiaries

#### Leasing<sup>7</sup>

**20.4%**

#### Factoring<sup>8</sup>

**16.4%**

#### Wealth Management<sup>9</sup>

**17.5%**

#### 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: 18,297, 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 29 Jun'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**

**788 Branches**

**SME  
Banking<sup>1</sup>**  
Turnover  
<USD 10 mln

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

**22 Branches**

**Credit Cards**

## Subsidiaries

 **YapiKredi**  
Factoring

 **YapiKredi**  
Leasing

 **YapiKredi**  
Yatirim

 **YapiKredi**  
Asset Management

 **YapiKredi**  
Nederland

 **YapiKredi**  
Azerbaijan

 **YapiKredi**  
Malta

### Notes:

Financial figures are as of June'18. Branch numbers are as of Mar'18. Total # of branches is 866 of which 6 are free zone, abroad and custody 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%<sup>1</sup>



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

	1H18
Total Assets (EUR bln)	22.3
Revenues (EUR mln)	11,712
Net Income (EUR mln)	518

## 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*

	1H18
Total Assets (EUR bln)	824
Revenues (EUR mln)	10,061
Net Income (EUR mln)	2,136

## 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 1H18 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

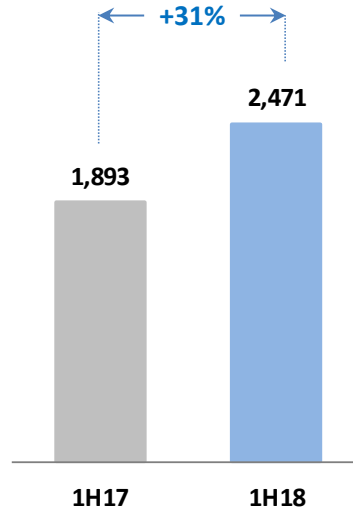
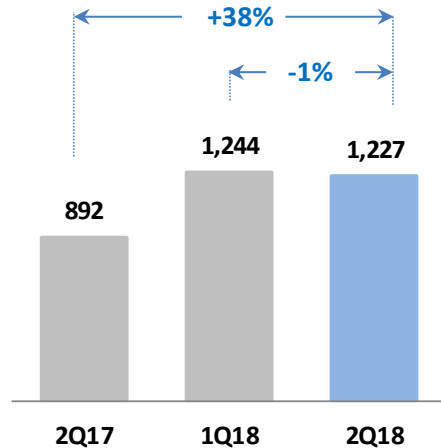
# Continuous improvement in profitability with strong balance sheet fundamentals

Profitability

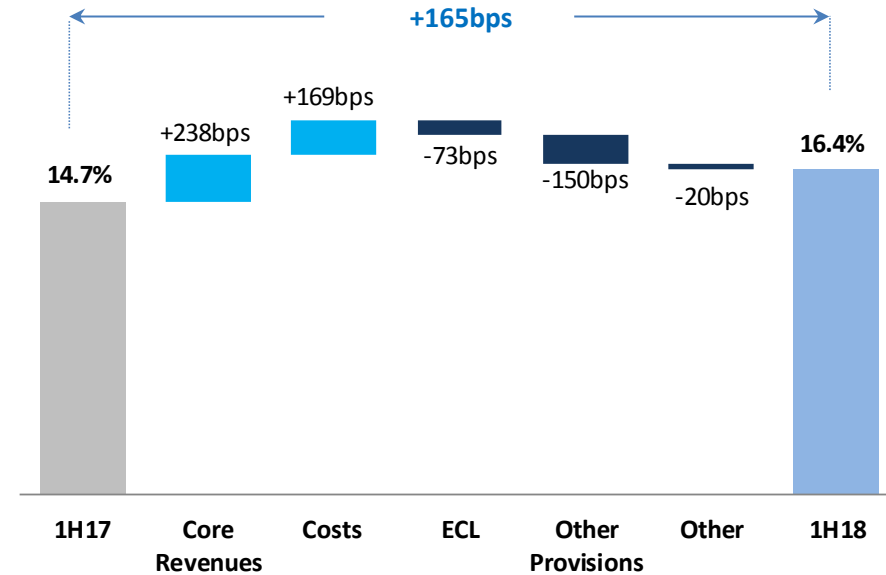
## Net Profit (TL mIn)

Quarterly

Cumulative

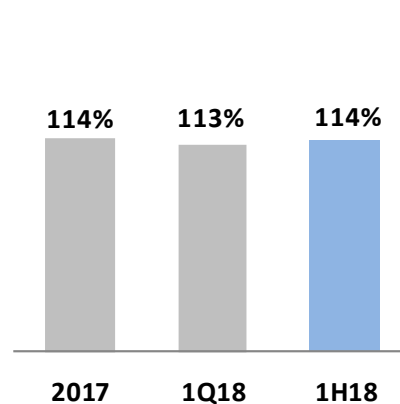
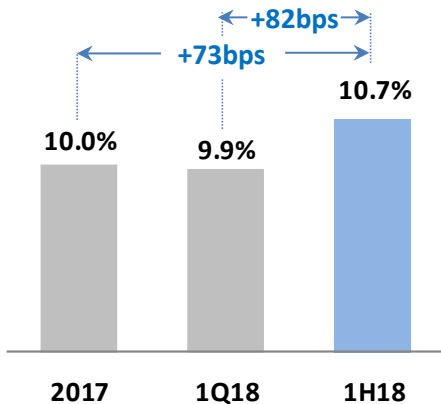


## Evolution of RoTE<sup>1</sup>

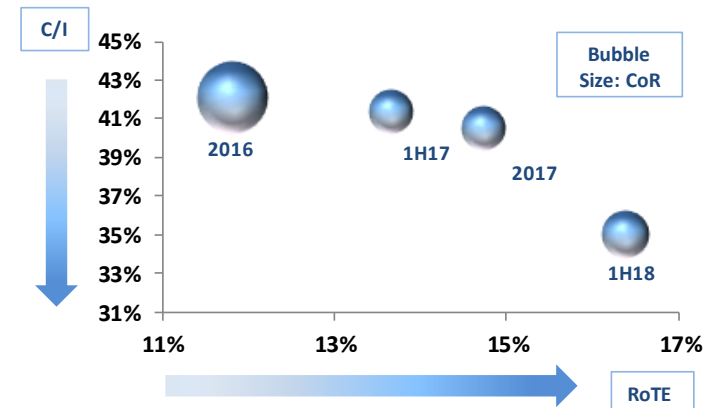


## CET1 Ratio

## LDR<sup>2</sup>



## Improving trend in C/I & CoR supporting RoTE



Notes:

Other Provisions for Risks and Charges are at 288 mln TL gross as of 1H18

1. RoTE calculation excludes TL 4.1billion of rights issue which was realized as of 29 June 2018

2. LDR = Performing Loans / (Deposits + TL Bills sold to individuals)

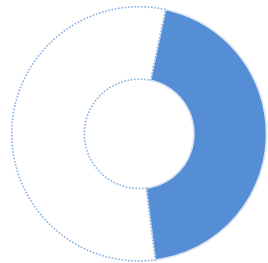
# Shift in loan mix towards smaller tickets

## Loan growth (TL bln)

	1H18	YKB			Private Banks <sup>1</sup>		
		y/y	ytd	q/q	y/y	ytd	q/q
<b>Total Loans<sup>2</sup></b>	<b>222.2</b>	<b>20%</b>	<b>11%</b>	<b>8%</b>	<b>17%</b>	<b>9%</b>	<b>6%</b>
TL <sup>3</sup>	123.0	11%	2%	4%	12%	5%	3%
FC (\$) <sup>3</sup>	21.7	2%	3%	-1%	-4%	-3%	-4%

TL bln	2017	1Q18	1H18
CGF Utilisation	12.8	14.9	19.5
CGF Stock	9.5	10.5	13.4
<b>Market Share</b>	<b>5.8%</b>	<b>6.1%</b>	<b>7.1%</b>

## FC Loans



FC Loans<sup>3</sup>  
45%

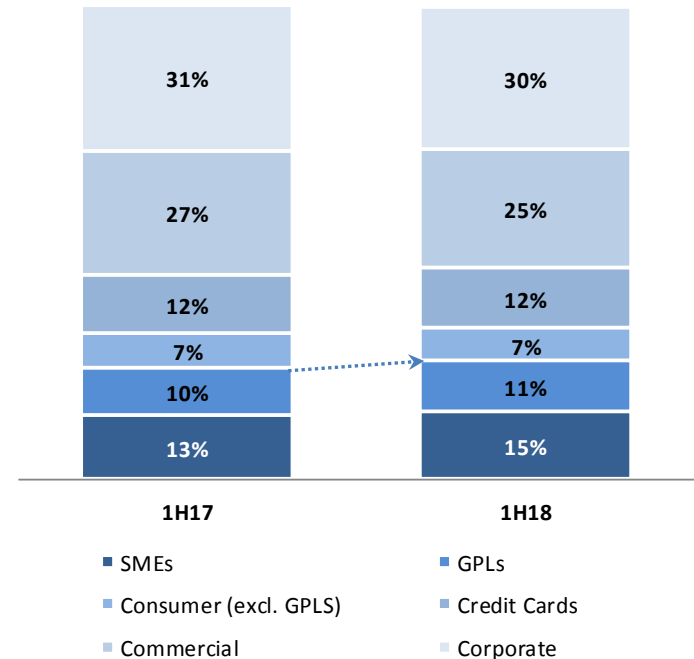
~35% of Project Finance loans are backed by government guarantee

### FC Lending Breakdown

	Share	y/y
<b>Project Finance</b>	59%	0%
<b>LT Investments</b>	30%	23%
<b>ST Loans</b>	5%	-22%
<b>Financial institutions</b>	6%	-28%

## Loan Mix (FX adjusted)<sup>4</sup>

Portion of SME and GPL lending is increasing in FX adjusted terms



### Notes:

1. Private banks based on BRSA weekly data as of 29 June 18
2. Loans indicate performing loans excluding factoring and leasing receivables
3. TL and FC loans are adjusted for the FX indexed loans
4. Based on MIS data



# Diversification towards lower cost funding sources

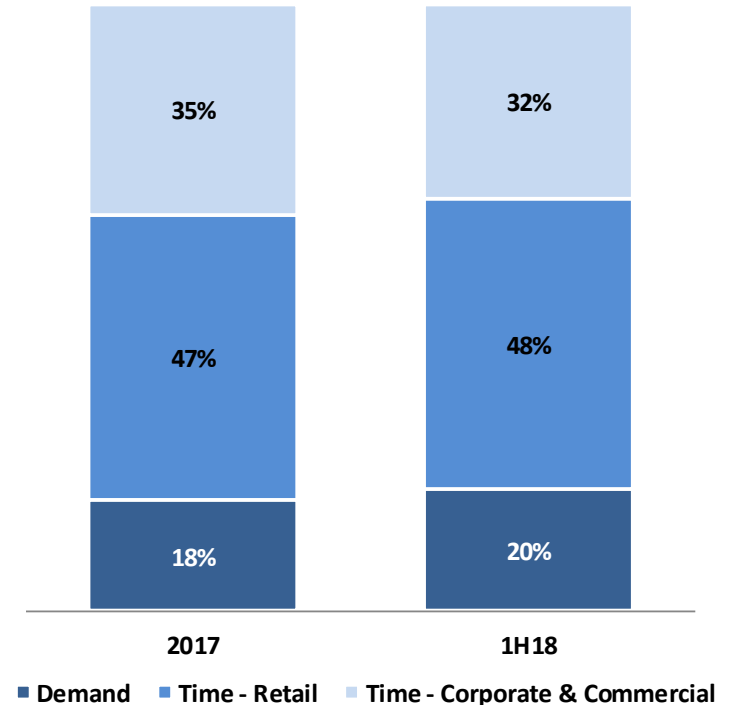
## Deposit growth (TL bln)

	YKB				Private Banks <sup>1</sup>		
	1H18	y/y	ytd	q/q	y/y	ytd	q/q
<b>Total Deposits</b>	<b>192.8</b>	<b>17%</b>	<b>11%</b>	<b>7%</b>	<b>16%</b>	<b>10%</b>	<b>6%</b>
TL	80.1	-1%	5%	-6%	10%	4%	0%
FC (\$)	24.7	4%	-4%	3%	-7%	-4%	-3%
<b>Customer Deposits</b>	<b>180.1</b>	<b>14%</b>	<b>10%</b>	<b>8%</b>	<b>17%</b>	<b>10%</b>	<b>6%</b>
TL	76.7	-2%	5%	-6%	11%	4%	0%
FC (\$)	22.7	0%	0%	5%	-6%	-4%	-2%
<b>Demand Deposits</b>	<b>36.6</b>	<b>22%</b>	<b>15%</b>	<b>12%</b>	<b>23%</b>	<b>14%</b>	<b>12%</b>

## Ongoing diversification in the funding mix

- 500 mln USD Eurobond in March 2018
- 111% roll-over ratio in syndication in May 2018
- 215 mln USD Securitization in 1H18
- 639 mln TL Covered in February and May 2018

## Deposit Breakdown (FX adjusted)<sup>2</sup>



Notes:

1. Private banks based on BRSA weekly data as of 29 Jun'18
2. Based on MIS data

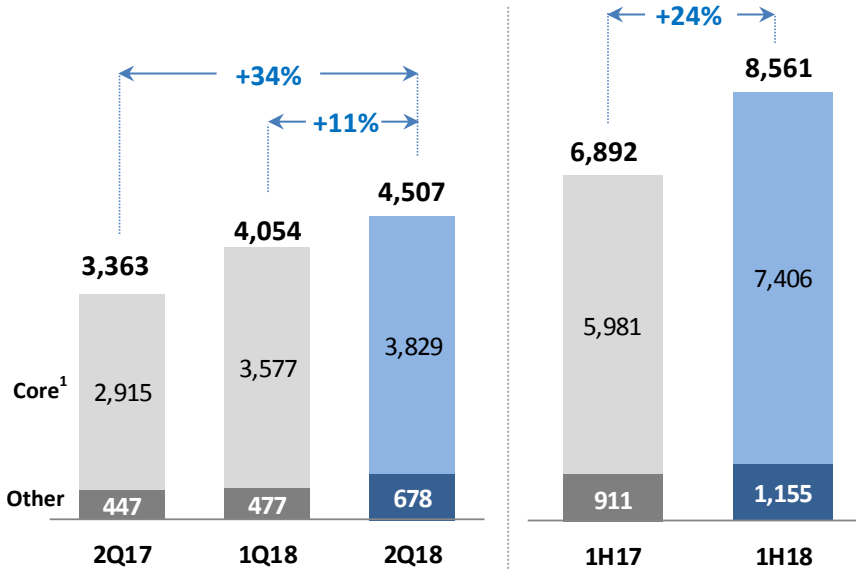
# Strong revenue growth via core revenue increase leading to improvement in revenue margin

Revenues

## Revenues (TL mIn)

### Quarterly

### Cumulative

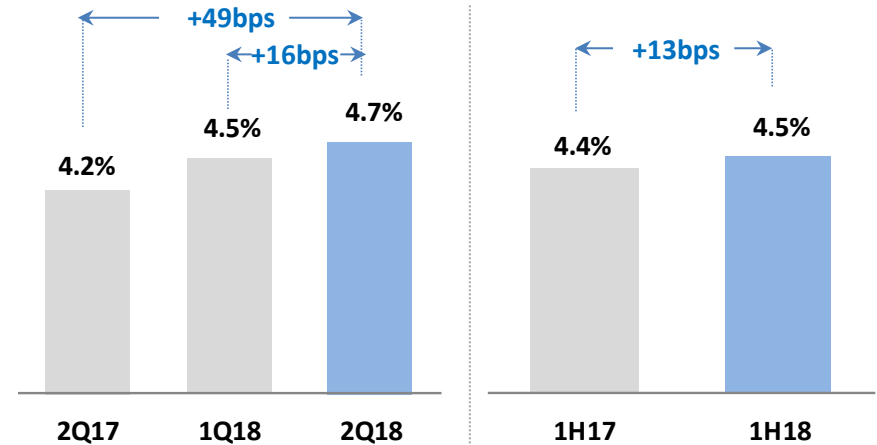


## Revenue Margin<sup>2</sup>

Revenue Margin improved +13bps y/y with 24% increase both in swap adjusted NII and Fees

### Quarterly

### Cumulative



mIn TL	2Q17	1Q18	2Q18	1H17	1H18
Other Revenues	447	477	678	911	1,155
Other Income	323	466	403	686	869
Collections	247	330	363	509	693
Income From Subs	19	28	25	47	53
Dividend Income	8	4	8	10	12
Trading & FX (net)	125	11	275	225	286

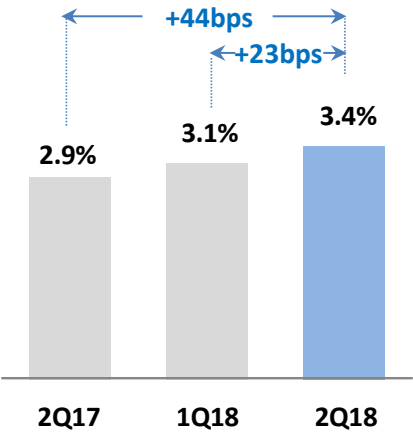
#### Notes:

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

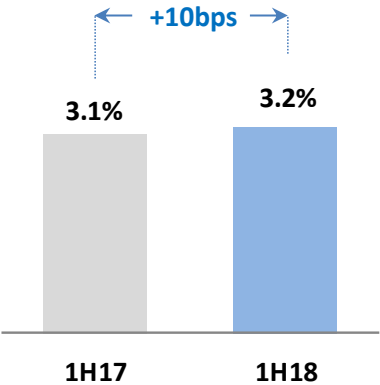
# 23bps q/q increase in NIM through wider core spreads

## Swap Adjusted NIM

Quarterly

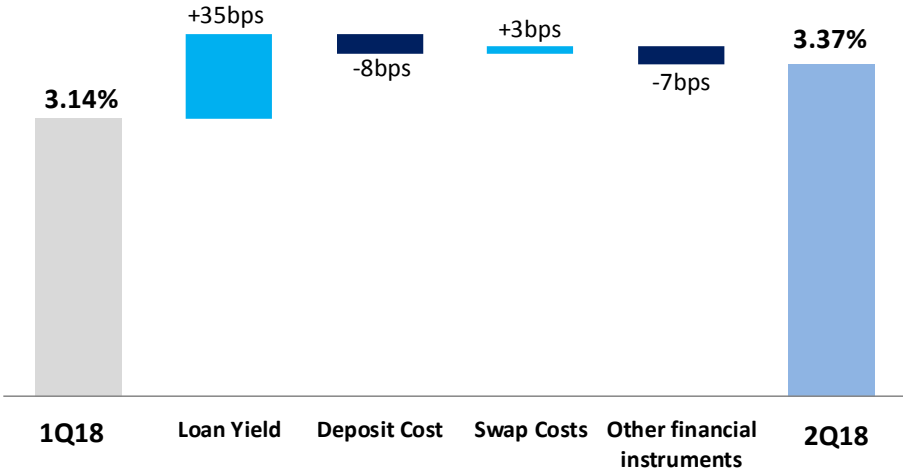


Cumulative

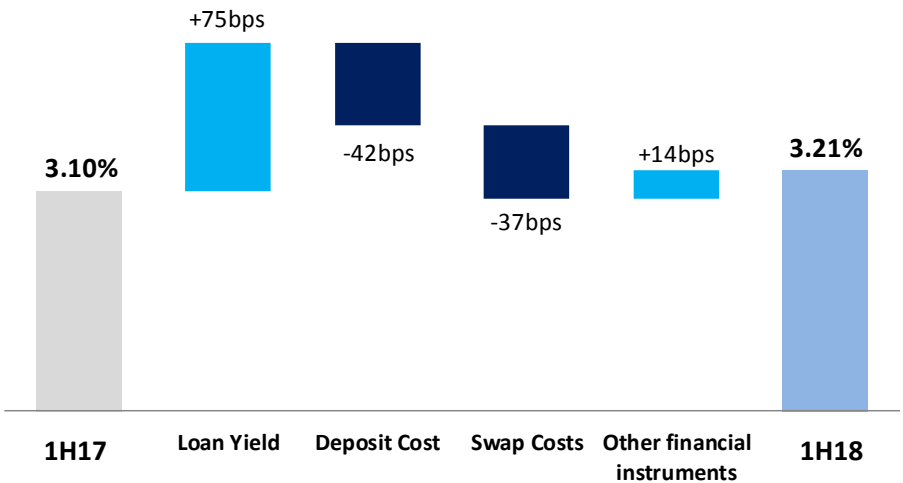


## NIM waterfall

Quarterly



Cumulative



Notes:  
Based on Bank-Only financials

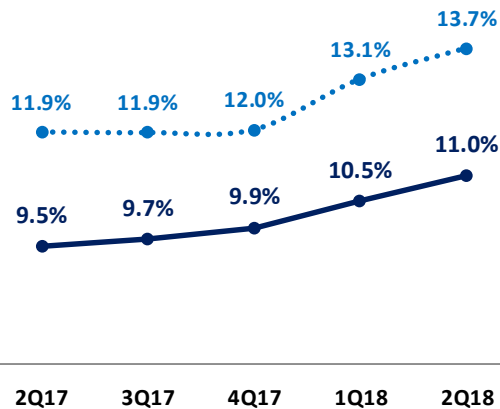
# Increase in Loan-Deposit spread thanks to ongoing loan repricing

Loan-Deposit Spread

## Loan Yields<sup>1</sup> (Quarterly)

Another 55 bps increase in blended loan yield while loan repricing efforts sustains

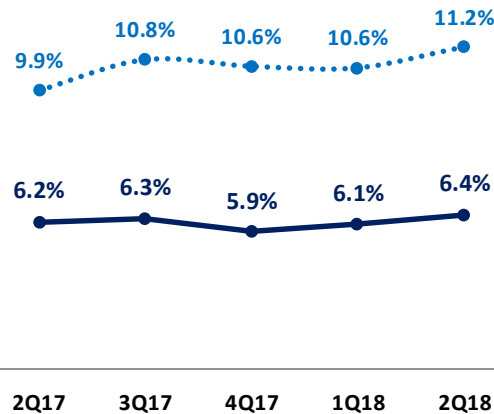
■ Blended  
■ TL



## Deposit Costs (Quarterly)

Increase in blended cost of deposits (+27 bps) due to upward trend in the rates

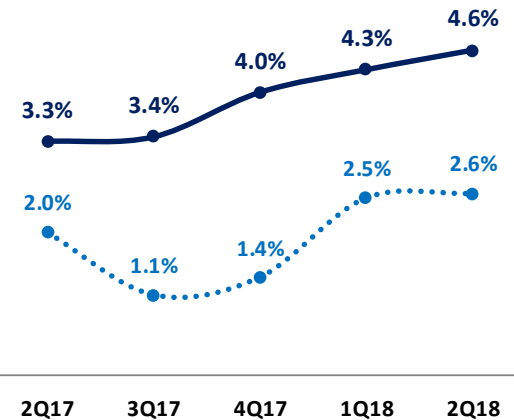
■ Blended  
■ TL



## Loan-Deposit Spread (Quarterly)

Loan-Deposit spread improved +28 bps through loan repricing

■ Blended  
■ TL



### Change q/q based on daily averages<sup>2</sup>

	3Q17	4Q17	1Q18	2Q18
TL	19bps	25bps	65bps	44bps
FC	27bps	30bps	5bps	65bps

	3Q17	4Q17	1Q18	2Q18
TL	43bps	-32bps	31bps	25bps
FC	2bps	3bps	-2bps	4bps

	3Q17	4Q17	1Q18	2Q18
TL	-24bps	57bps	34bps	19bps
FC	25bps	28bps	7bps	61bps

Notes:

Based on Bank-Only financials

1. Performing Loan yields

2. Based on MIS data

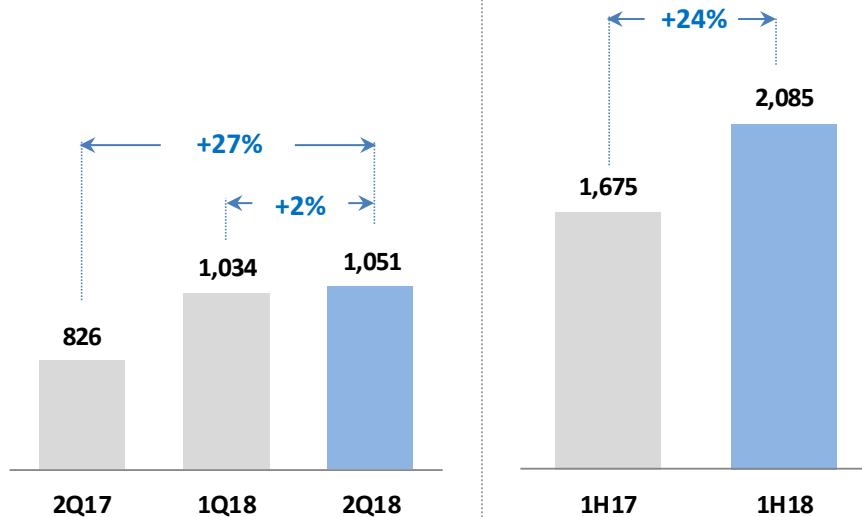
# Fee increase at 24% y/y thanks to core business fee generation

Revenues - Fees

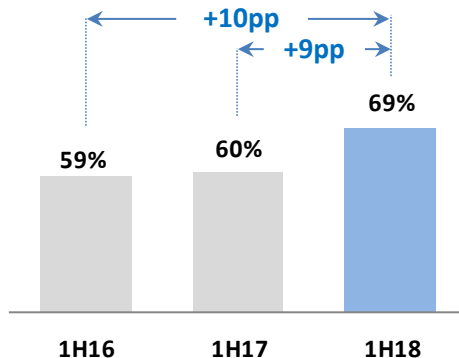
## Net Fee income (TL mIn)

Quarterly

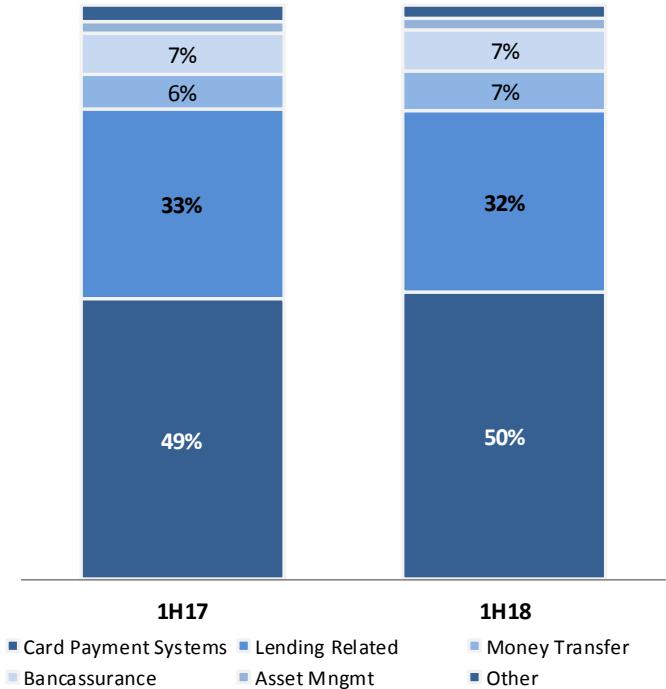
Cumulative



Fees / Opex



## Fees Received Composition



**Diversification efforts on the top of ongoing support from Card payment systems:**

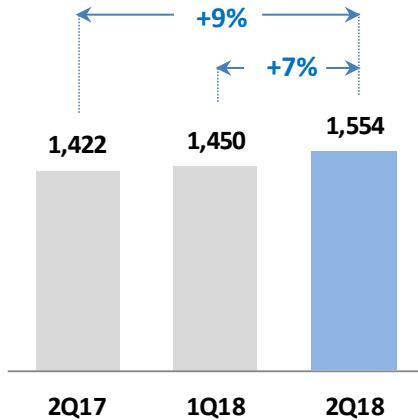
- Money Transfer: +47% y/y
- Bancassurance: 23% y/y
- Card Payment systems: +28% y/y

# Cost discipline on track with y/y increase well below inflation

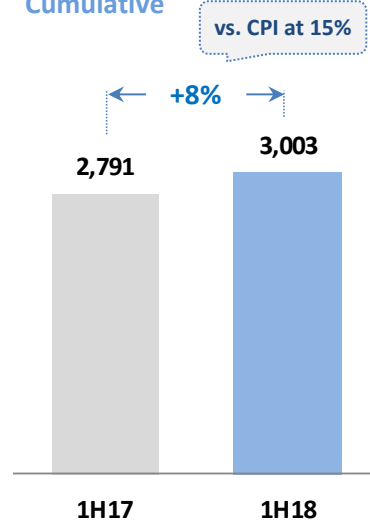
Costs

## Costs (TL mln)

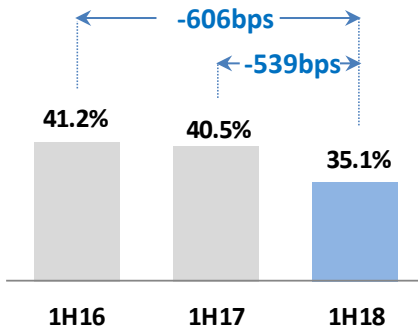
### Quarterly



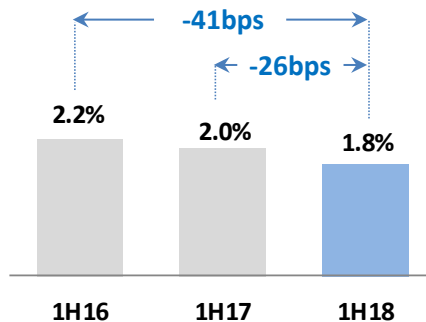
### Cumulative



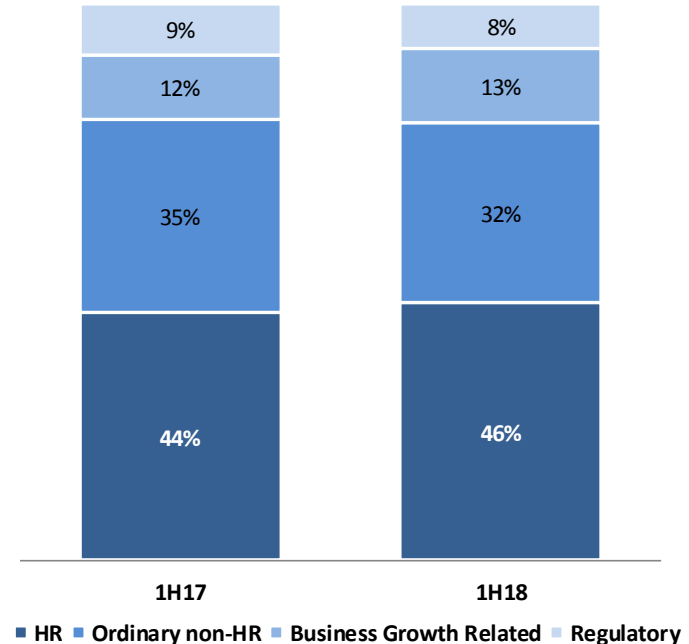
### Cost / Income



### Costs / Average Assets<sup>1</sup>



## Cost Breakdown<sup>2</sup>



**Ordinary non-HR cost share is coming down; HR cost increase due to variable compensation**

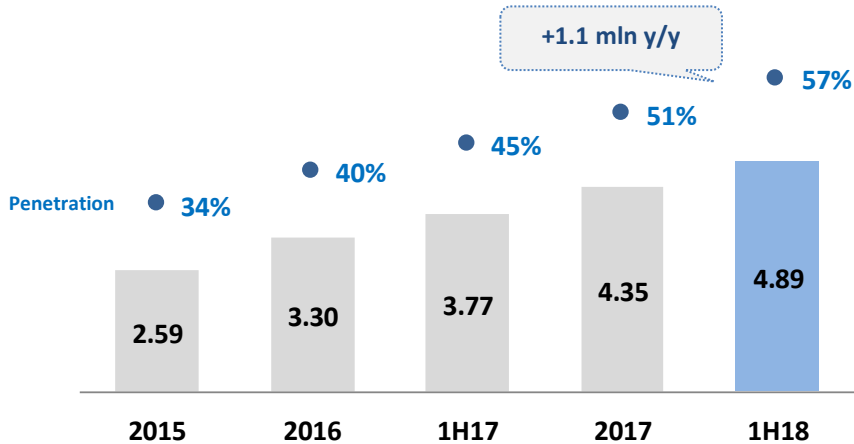
- HR costs: +12% y/y (# of FTE<sup>3</sup>: -2%)
- Ordinary non-HR costs: Stable y/y
- Business growth related costs<sup>4</sup>: +23% y/y

#### Notes:

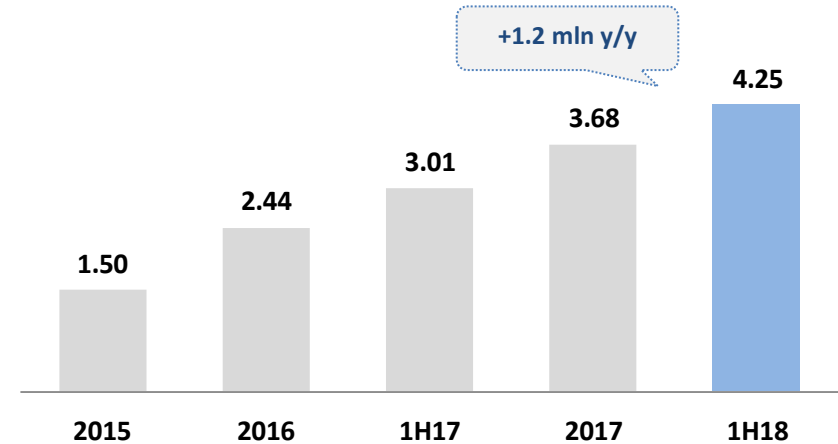
- 1H17 and 1H16 assets are recasted for the IFRS 9 adoption (reclassification of general provisions)
- Based on MIS data
- FTE: Full Time Equivalent
- Includes Advertisement, Payroll Charity, World Points

# Digital transformation fully on track

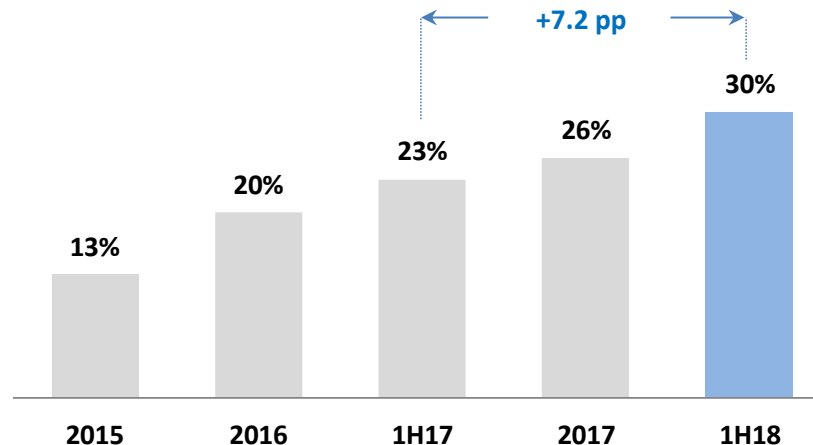
## Number of Digital Customers (mln)



## Number of Mobile Banking Customers (mln)



## Share of digital in main products<sup>2</sup> sold



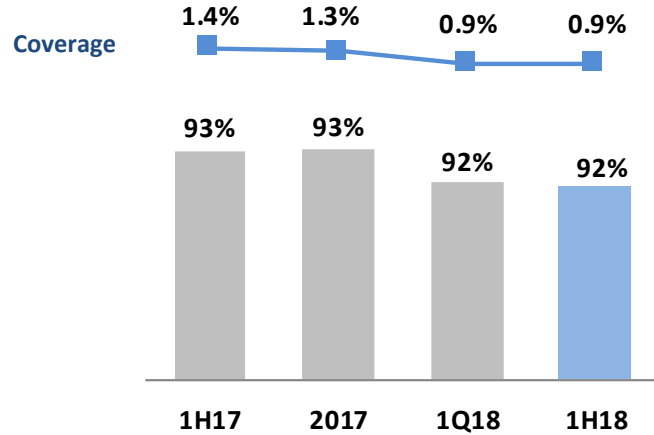
Notes:

1. Main Products; GPL, CC, Time Deposit, and Flexible Account

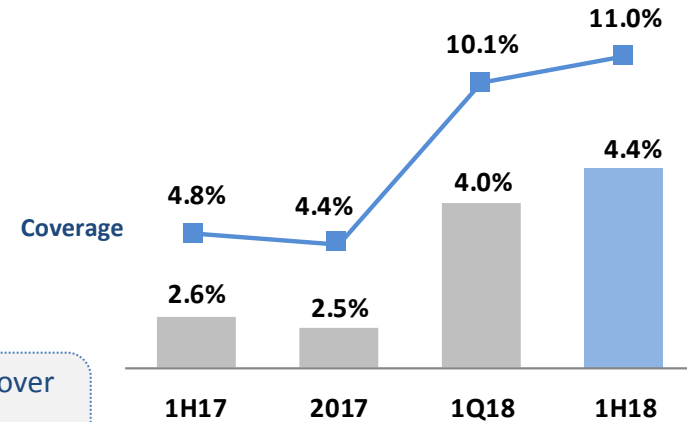
# Strong Stage I coverage enabling comfort-zone for further Stage 2 worsening; increase in NPL inflows through a couple of big tickets

Asset Quality

## Stage I loans to Gross Loans

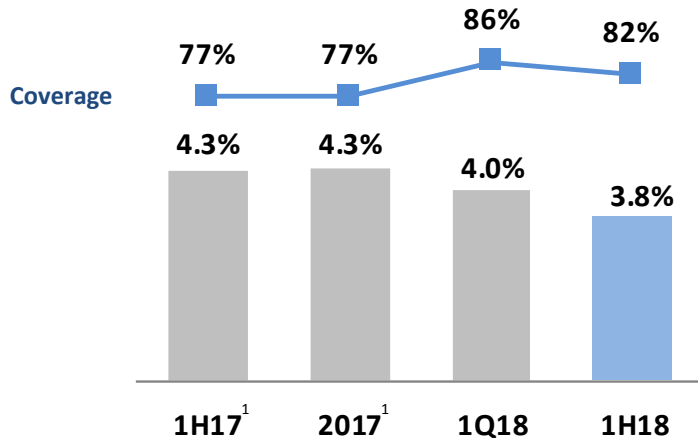


## Stage II loans to Gross Loans

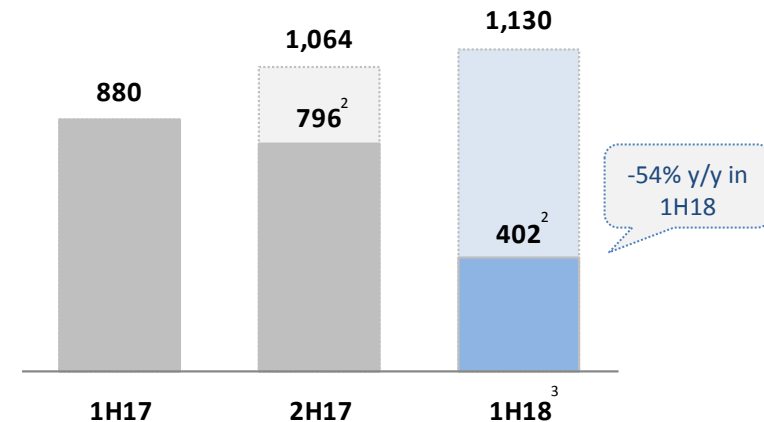


Solid coverage over gross loans  
**4.6%**<sup>4</sup>

## NPL & Coverage Ratio



## Net NPL inflows (TL mIn)



### Notes:

TL 1.6 bln NPL sales in 1H18 (628 mln in 1Q18; 1 bln in 2Q18)

1. For homogenous comparison Factoring and Leasing included

2. Adjusted for big ticket NPLs

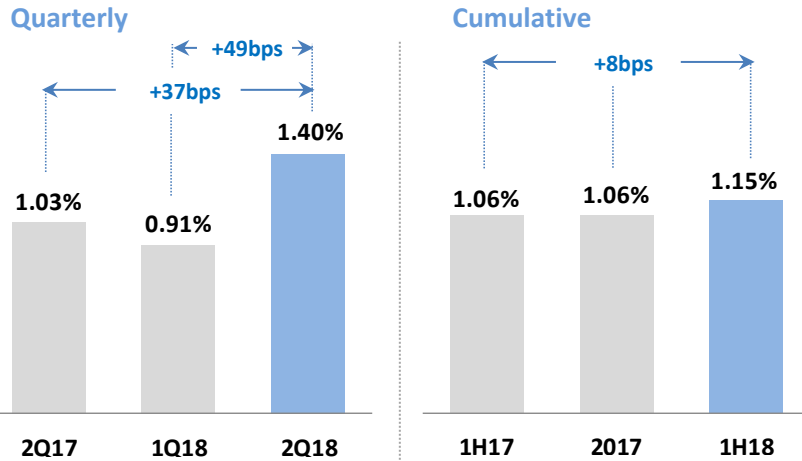
3. For homogenous calculation 1H18 exclude interest accruals

4. Based on Bank-only; consolidated coverage (including Leasing and Factoring) at 4.4%

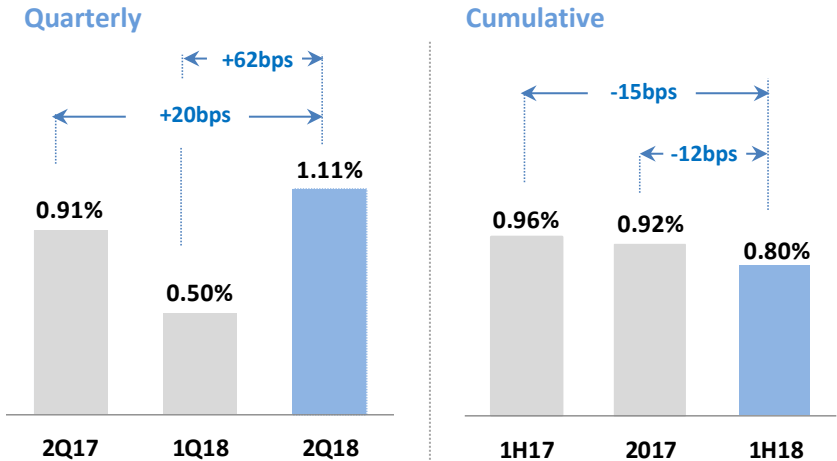


# CoR increase due to FX impact and macro scenario change

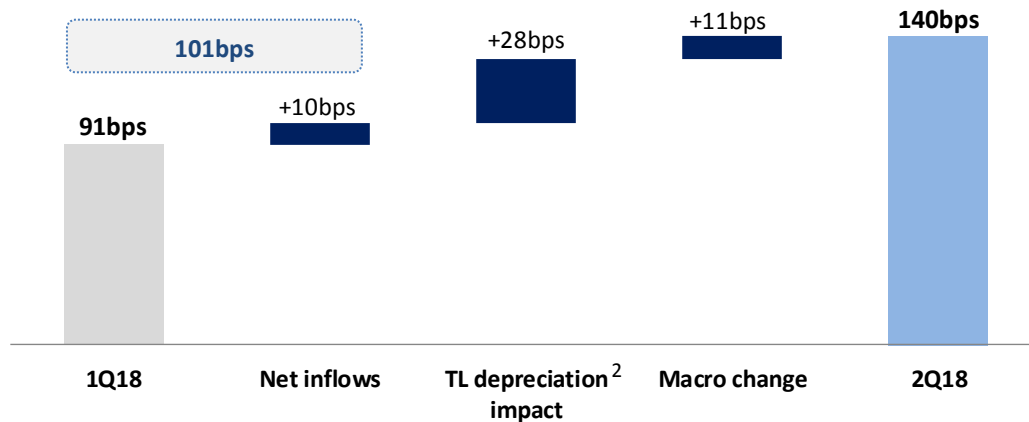
## Total Cost of Risk<sup>1</sup> (net of collections)



## Specific Cost of Risk (net of collections)



## Cost of Risk evolution (quarterly)



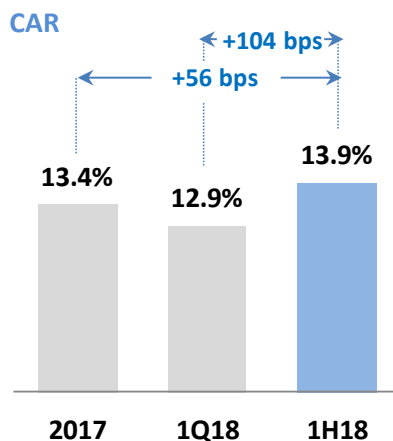
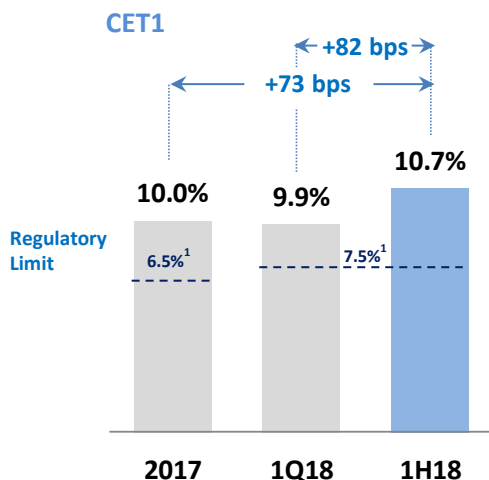
Notes:

- Cost of Risk = (Total Loan Loss Provisions - Collections) / Total Gross Loans
- 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

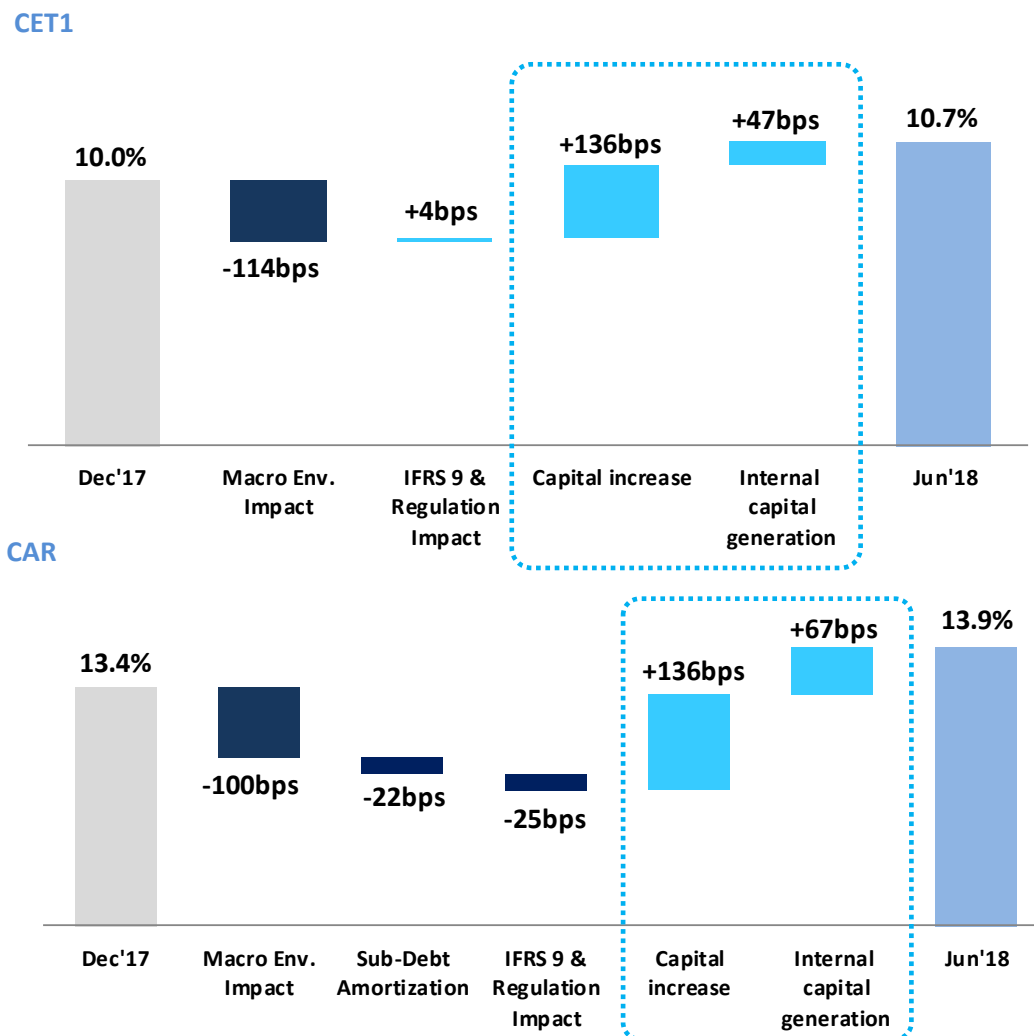
# Weathered the volatility through capital injection and internal capital generation

Capital

## Capital Ratios



## Capital Evolution



Notes:

1. 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 10.7% as of 1H18

# Deterioration in macro environment creates a risk to CoR and CAR guidance, with a potential upside risk to Fees

Guidance

<b>Volumes</b>	<b>Loans</b>	<b>12-14%</b>	<b>CONFIRMED</b>
	<b>Deposits</b>	<b>12-14%</b>	<b>CONFIRMED</b>
<b>Revenues</b>	<b>NIM</b>	<b>Flattish</b>	<b>CONFIRMED</b>
	<b>Fees</b>	<b>Low-teens</b>	<b>UPSIDE POTENTIAL</b>
<b>Costs</b>	<b>Costs</b>	<b>Below CPI</b>	<b>CONFIRMED</b>
	<b>Cost/Income</b>	<b>&lt; 40%</b>	<b>CONFIRMED</b>
<b>Asset Quality</b>	<b>NPL Ratio</b>	<b>~-10 bps</b>	<b>CONFIRMED</b>
	<b>CoR</b>	<b>Slight improvement</b>	<b>DOWNSIDE RISK</b>
<b>Fundamentals</b>	<b>LDR</b>	<b>110%-115%</b>	<b>CONFIRMED</b>
	<b>CAR</b>	<b>&gt; 15%</b>	<b>DOWNSIDE RISK</b>
<b>Profitability</b>	<b>Net Profit</b>	<b>High-teens</b>	<b>CONFIRMED</b>
	<b>RoTE</b>	<b>Improvement</b>	<b>CONFIRMED</b>

Notes:  
Based on bank-only financials

# Robust performance in all fundamentals towards 2020 targets

2020 Targets

		1H18	2020E
Strengthen and optimise capital position	CET 1 Ratio	321bps over threshold	200bps over threshold
Sustainable revenues by rebalancing business mix	Revenue Margin <sup>1</sup>	4.5% (+13 bps y/y)	≥ 4.7%
Well managed cost structure with efficiency gains	Cost / Income	34.4% (-545 bps y/y)	≤ 36%
Asset quality optimisation	Total Cost of Risk	1.24% (+12 bps y/y)	~1.0%
A set of strong results heading to improvement in profitability	RoATE	16.3% <sup>2</sup> (+164 bps y/y)	≥ 17%
	RoAA	1.6% (+8 bps y/y)	≥ 1.7%

Notes:

Based on bank-only financials except for capital ratios

1. Calculated as (NII + Swap Costs + Fees) / Interest Earning Assets

2. Adjusted for the capital injection

---



## 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 issuance<sup>1</sup>
- **Maintain a minimum CET1 buffer of 200 bps against regulatory requirements<sup>2</sup>**
- **Return to dividend payment in 2020<sup>3</sup>** (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 <sup>1</sup>	≥ 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 <sup>2</sup>
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



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## **Details on Strategic Pillars**

# Strengthen and optimise capital position

## Key Objectives

- **Keeping a minimum 200bps buffer vs. CET 1 regulatory limit<sup>1</sup>**
- **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 2020<sup>2</sup>

## 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 optimisation<sup>3</sup>

## Expected Results

	2017 Actual	2020E	Buffer vs. Reg. Limit
<b>CET 1 Ratio</b>			
<i>Requirement</i>	10.0%	≥ 11.5%	≥ 300 bps targeted buffer of 200bps
	6.5%	8.5%	
<b>Tier 1 Ratio</b>			
<i>Requirement</i>	9.9%	≥ 12.0%	≥ 200 bps
	8.0%	10.0%	
<b>Capital Adequacy Ratio</b>			
<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	 <b>Finalised by end-June 2018</b> <b>US\$ 1.0 bln</b>	<b>Approximately US\$ 0.5 bln</b>
Structure	<ul style="list-style-type: none"> <li>▪ Rights Issue at <b>nominal value</b></li> <li>▪ Domestic Offering</li> </ul>	<ul style="list-style-type: none"> <li>▪ Expected to be offered in <b>144a/Reg S US\$ format</b></li> <li>▪ Structure will be available after the regulatory approval</li> </ul>
Indicative Timing	<ul style="list-style-type: none"> <li>▪ <b>Finalised on 29 June 2018</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>27 April:</b> filing to BRSA / CMB done</li> <li>▪ Completion depending on regulatory approvals and market conditions</li> </ul>

## 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)

## 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:**

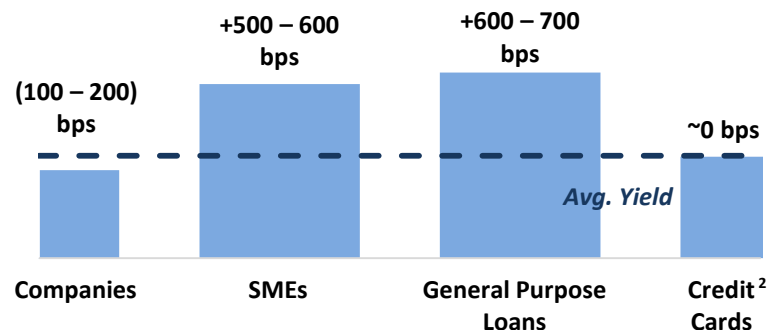
- **Fully Centralised** for mass individual and micro enterprises, leveraging on deployed digital efficiency **to increase profitability via lower cost to serve**
- **Dedicated Relationship Management** for affluent and private individuals, medium and large enterprises, **to increase profitability via 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)<sup>1</sup>

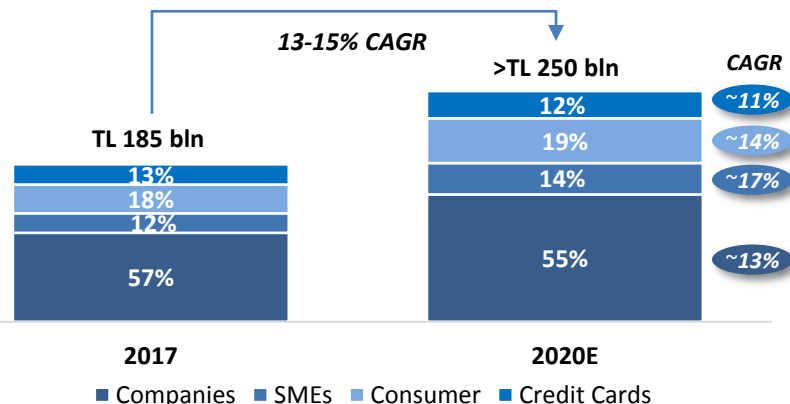


## Key Initiatives

- 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

2

A

# 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

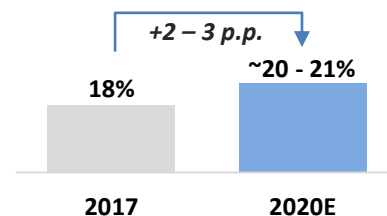
## Key Initiatives

- **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

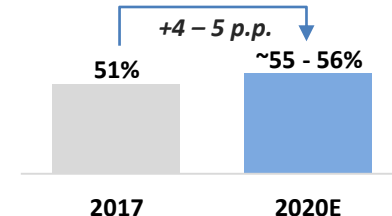
### Demand Deposits

(% of Total Deposits)



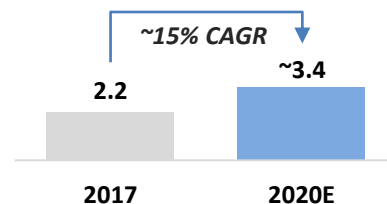
### Individual Deposits

(% of Total Deposits)



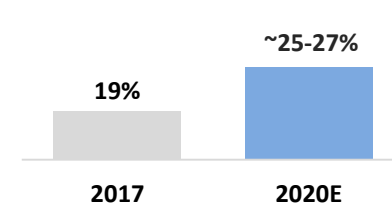
### Salary Customers<sup>1</sup>

Number of Salary Customers (mln)



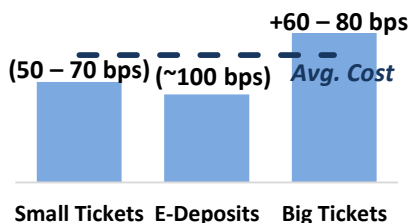
### House-bank<sup>2</sup> Penetration

(% of Total Customers)



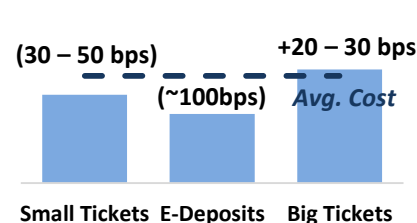
### TL Time Deposit Costs (2017)

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

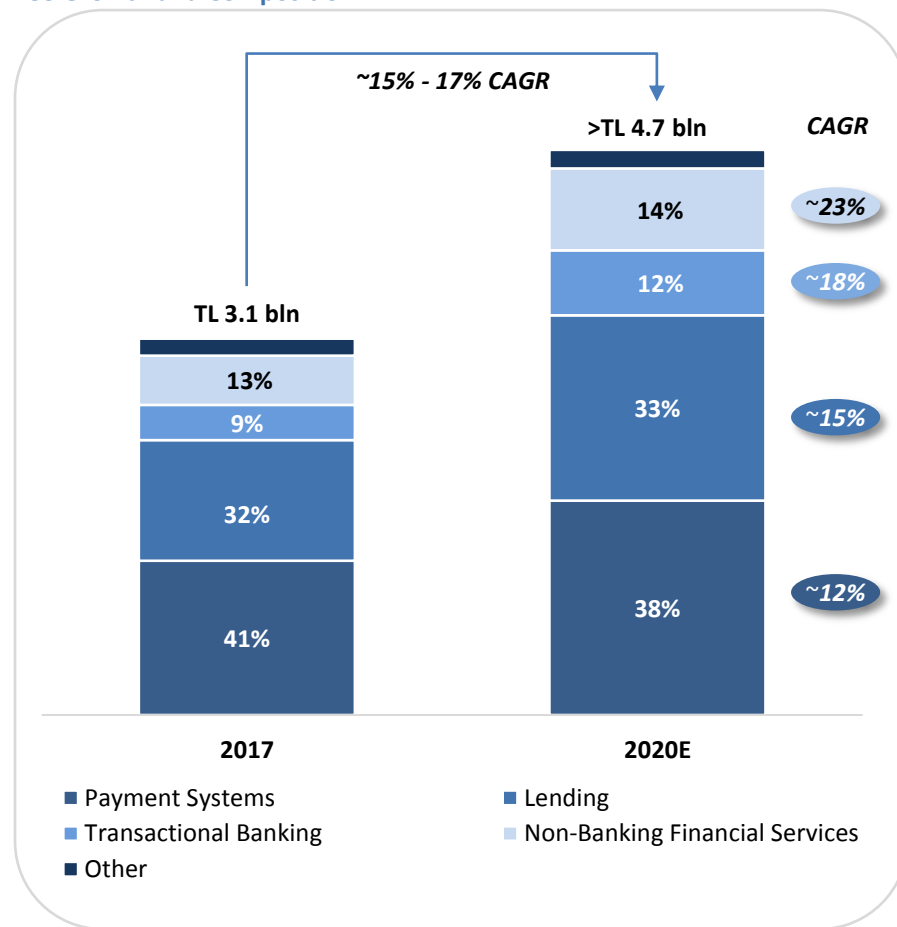
- Continue to maintain **best-in-class** fee generation by further leveraging on large customer base while **strengthening its diversification**
- Increase fees from **Transactional Banking** by ~+23% yearly growth
- Focus on **Non-banking Financial Services** fee via bancassurance and asset management

## 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**

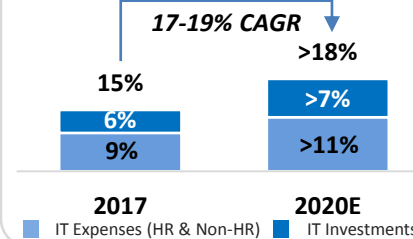
C

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

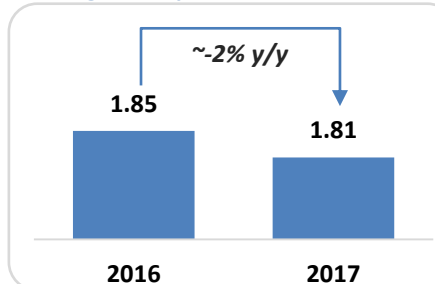
## Expected Results

### Stable and Recurring IT Investments

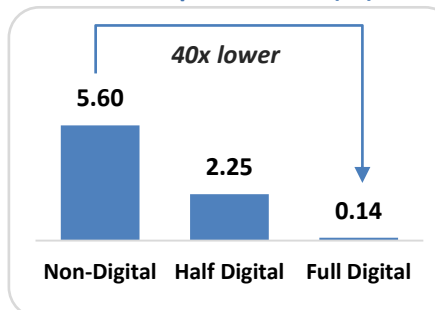
As % of Total Operating Expenses



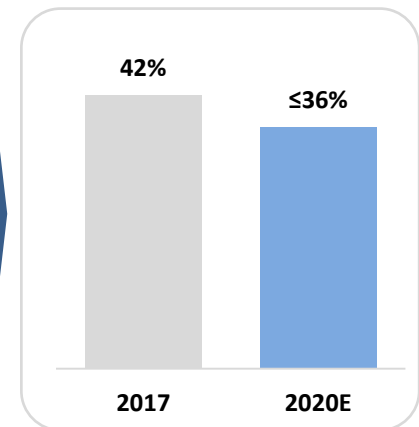
### Average Cost per Transaction<sup>1</sup> (TL)



### Cost to Serve per channel<sup>1</sup> (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

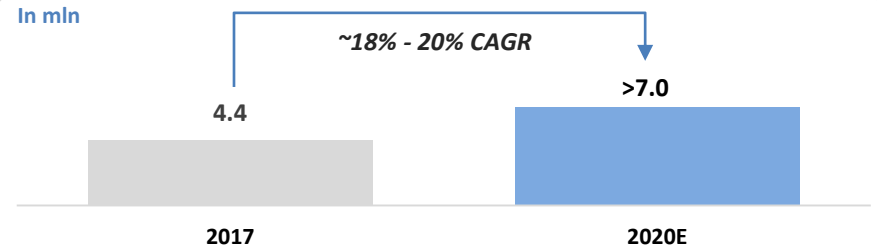
**Increase digital customer base across all products to benefit from lower costs to serve**

## Key Initiatives

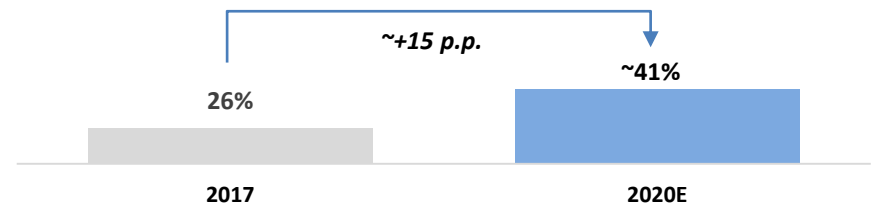
- **Retaining customers**
  - Expand digital banking offer via mobile first approach
  - Create a seamless, simple, unified and personal experience across all customer touch points
- **Acquiring new customers**
  - Expand the investment products and services on digital, enabling complete set of “investment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

## Expected Results

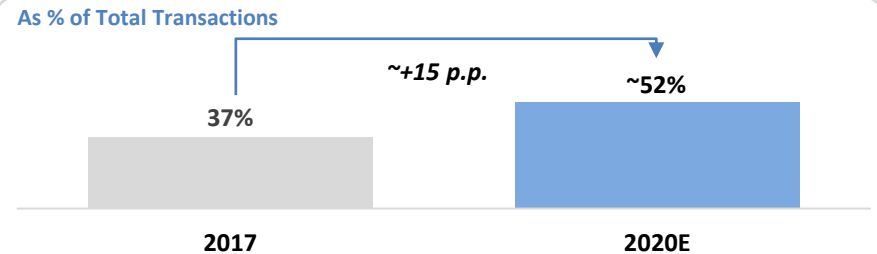
### Increase in Number of Digital Customers



### Product Sold in Digital<sup>1</sup>



### Evolution of Transactions Performed Through Digital Channel<sup>2</sup>



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

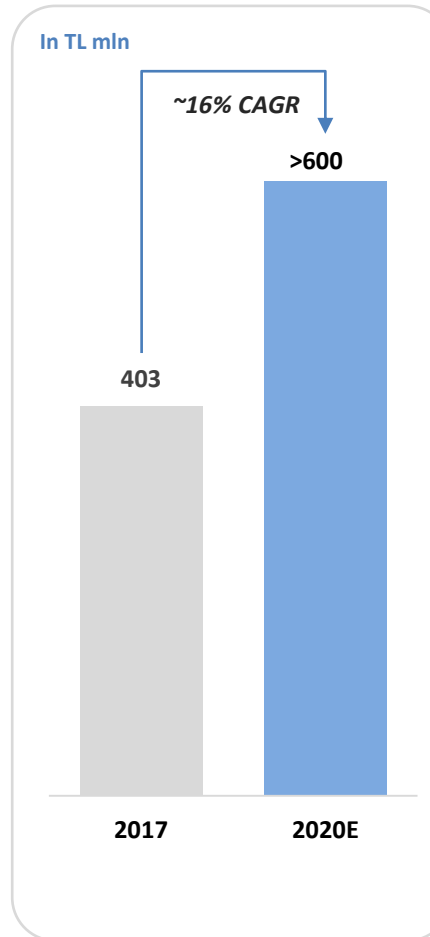
Transform the operating and service model to unlock Yapı Kredi's efficiency potential

## Key Initiatives

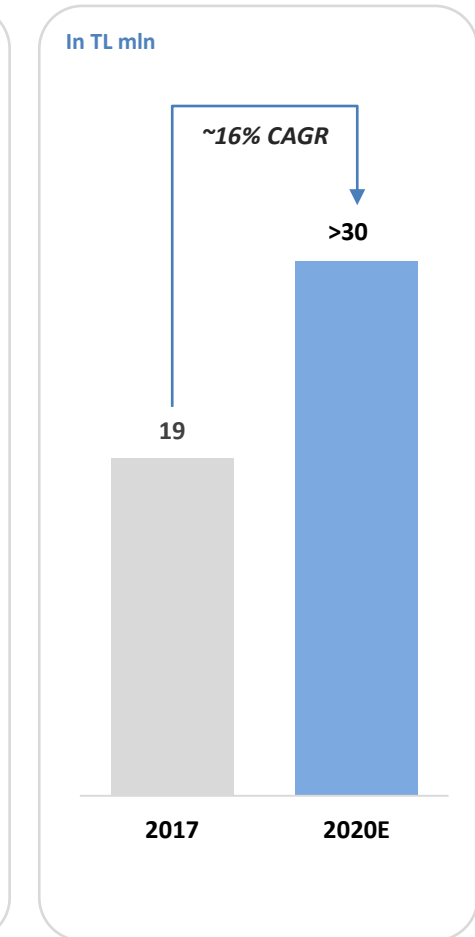
- Focus on **efficiency and digitalisation** through process automation, centralisation and elimination
- Digitalise the branch network, reaching a **paperless** branch experience for **~95% of the services offered in Retail branches**
- Tellers and RMs unification** to create single point of service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

## Expected Results

Commercial Volume<sup>1</sup> per Branch



Commercial Volume<sup>1</sup> 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

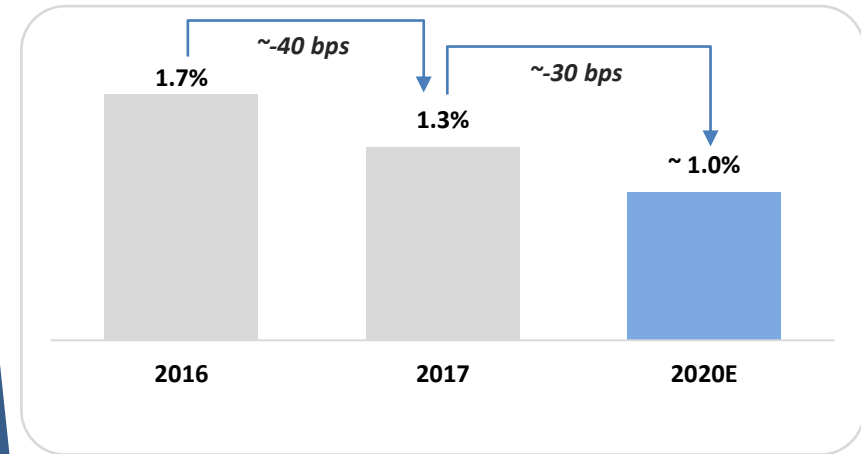
A  
Focus on underwriting and monitoring policies

B  
Continuous enhancement of collection processes

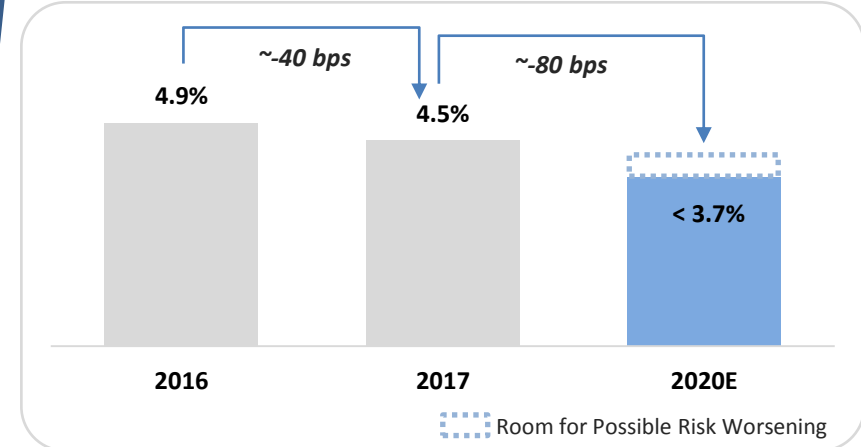
C  
Pro-active NPL management

### Expected Results

Total Cost of Risk<sup>1</sup> (%)



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.

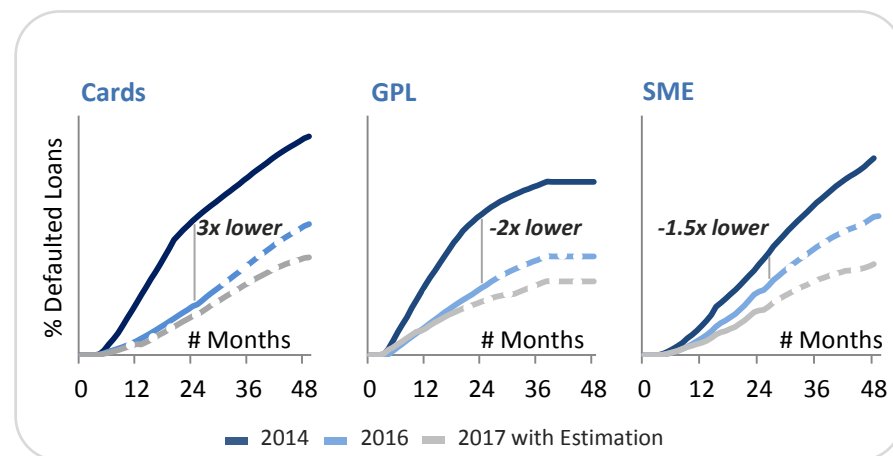
Reported Cost of Risk in 2016 and 2017 was 1.4% and 1.1% in 2016 and 2017 respectively

## Key Initiatives

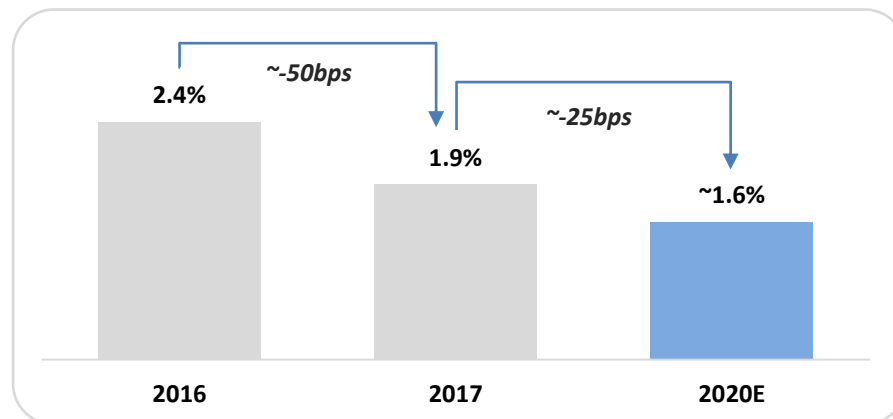
- **Customised underwriting approach** based on customers, products and channels
  - **Individuals and Micro Enterprises:** fully automated process leveraging machine-learning technologies
  - **Bigger Tickets:** Tailor-made approach with strict concentration limits and increased **sector expertise**
- **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

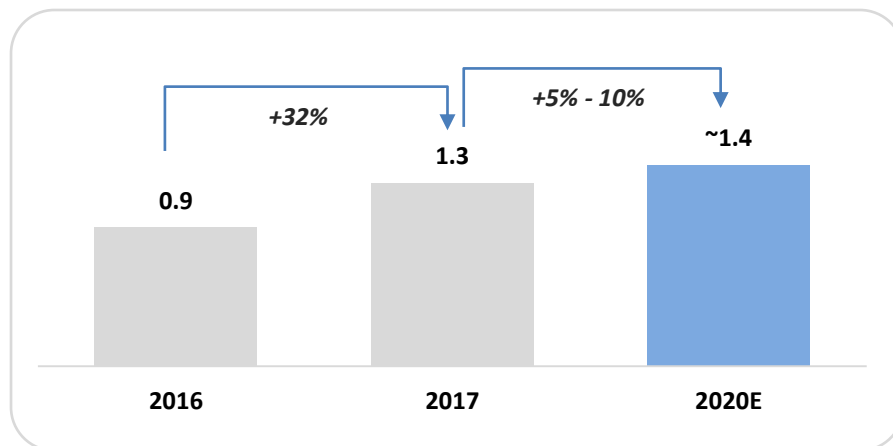
- **Strengthen collection process** through specific product / regional team support
- **Machine learning** for improved portfolio segmentation
- **Flexible restructuring options** (product type, maturity, interest rate)
- New KPIs to **monitor and improve performance**

### Pro-active NPL management

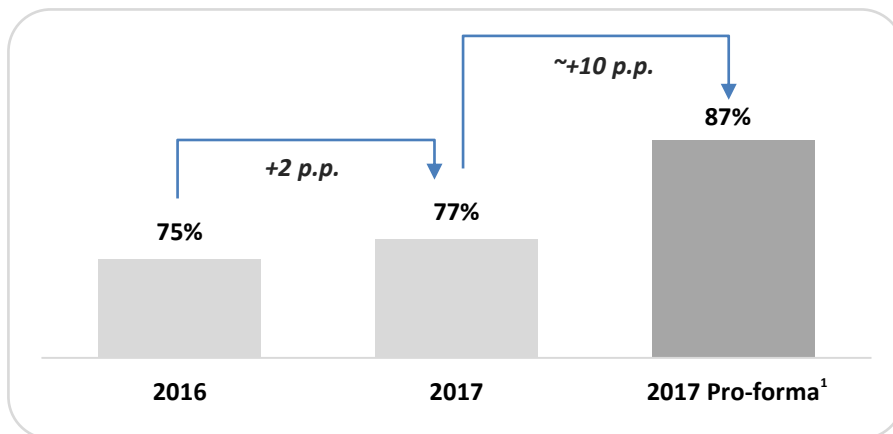
- **Front loaded coverage increase to support further NPL disposal**
- **Wide range of restructuring products to match customer's ability to repay**

## Expected Results

### Collections (TL bln)



### Specific NPL Coverage Ratio (%)

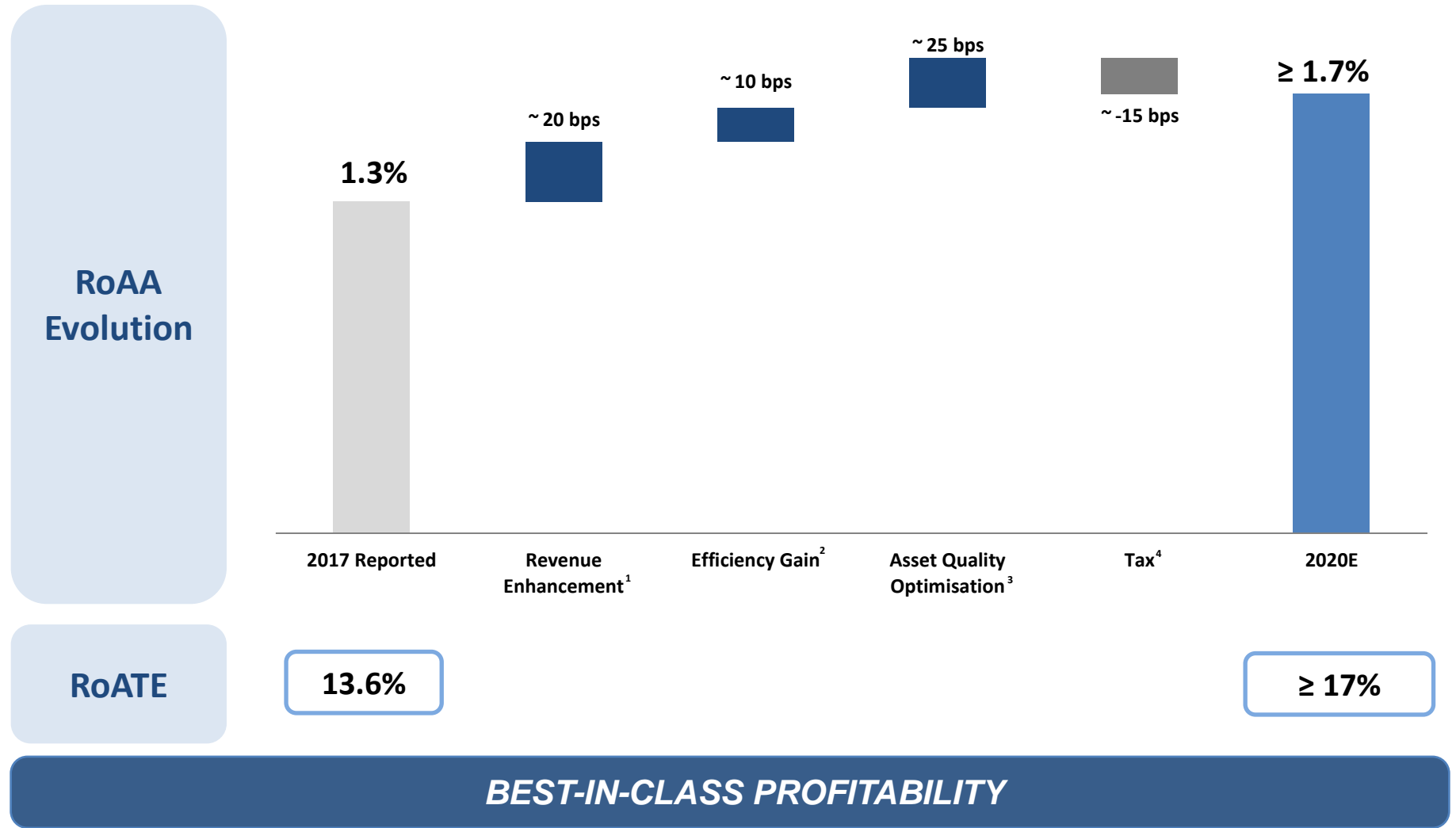


#### Notes:

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

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## **Annex**

# Macro Environment and Banking Sector

## Macro Environment

	2Q17	4Q17	1Q18	2Q18
<b>GDP Growth (y/y)</b>	5.3%	7.3%	7.3%	<b>5.2%</b>
<b>CPI Inflation (y/y)</b>	10.9%	11.9%	10.2%	<b>15.4%</b>
<b>Consumer Confidence Index</b>	70.0	65.1	71.3	<b>70.3</b>
<b>CAD/GDP</b>	-4.1%	-5.5%	-6.3%	<b>-6.5%</b>
<b>Budget Deficit/GDP</b>	-2.0%	-1.5%	-1.6%	<b>-2.0%</b>
<b>Unemployment Rate<sup>1</sup></b>	10.2%	10.4%	10.1%	<b>9.6%</b>
<b>USD/TL (eop)</b>	3.51	3.82	4.00	<b>4.62</b>
<b>2Y Benchmark Bond Rate (eop)</b>	11.1%	13.4%	14.0%	<b>19.3%</b>

## Banking Sector

	2Q17	4Q17	1Q18	2Q18
<b>Loan Growth</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>	<b>7%</b>
<i>Private</i>	3%	5%	4%	6%
<i>State</i>	8%	6%	6%	10%
<b>Deposit Growth</b>	<b>4%</b>	<b>5%</b>	<b>4%</b>	<b>7%</b>
<i>Private</i>	2%	4%	4%	6%
<i>State</i>	7%	6%	5%	9%
<b>NPL Ratio</b>	<b>3.0%</b>	<b>2.9%</b>	<b>2.8%</b>	<b>2.9%</b>
<b>CAR</b>	<b>16.4%</b>	<b>16.5%</b>	<b>16.3%</b>	<b>15.9%</b>
<b>ROATE</b>	<b>16.2%</b>	<b>13.6%</b>	<b>15.2%</b>	<b>15.3%</b>

### Notes:

All macro data as of June 2018 unless otherwise stated

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

1. Unemployment rate is as of Apr'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%

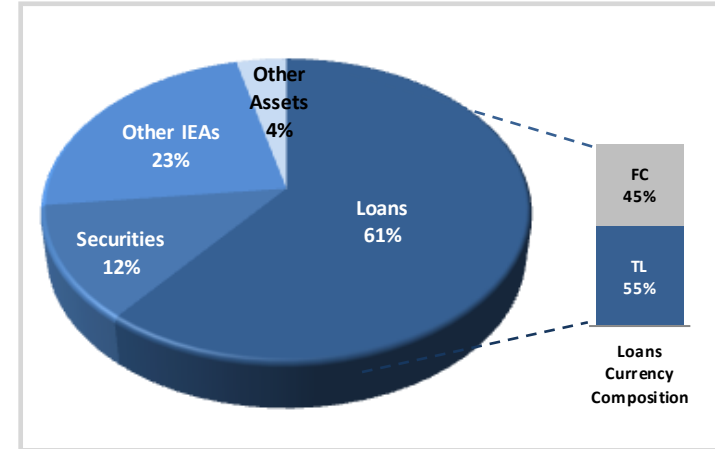
Notes:

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

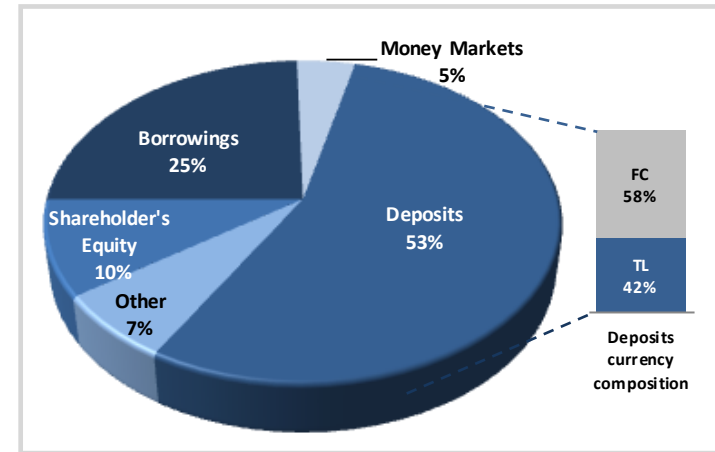
# Consolidated Balance Sheet

TL bln	1Q17 <sup>1</sup>	1H17 <sup>1</sup>	9M17 <sup>1</sup>	2017 <sup>1</sup>	1Q18	1H18	q/q	y/y	ytd
<b>Total Assets</b>	<b>278.3</b>	<b>283.3</b>	<b>290.6</b>	<b>316.9</b>	<b>328.7</b>	<b>365.1</b>	<b>11%</b>	<b>29%</b>	<b>15%</b>
<b>Loans<sup>2</sup></b>	<b>183.7</b>	<b>185.8</b>	<b>190.6</b>	<b>199.9</b>	<b>205.3</b>	<b>222.2</b>	<b>8%</b>	<b>20%</b>	<b>11%</b>
TL Loans	107.0	111.1	115.1	120.1	118.8	123.0	4%	11%	2%
FC Loans (\$)	21.1	21.3	21.2	21.2	21.9	21.7	-1%	2%	3%
<b>Securities</b>	<b>32.6</b>	<b>32.4</b>	<b>35.5</b>	<b>38.8</b>	<b>41.7</b>	<b>45.2</b>	<b>8%</b>	<b>39%</b>	<b>17%</b>
TL Securities	22.4	22.7	25.5	28.1	30.7	32.7	7%	44%	16%
FC Securities (\$)	2.8	2.8	2.8	2.8	2.8	2.7	-2%	-1%	-3%
<b>Deposits</b>	<b>163.5</b>	<b>164.2</b>	<b>165.0</b>	<b>173.4</b>	<b>180.0</b>	<b>192.8</b>	<b>7%</b>	<b>17%</b>	<b>11%</b>
TL Deposits	81.3	81.1	71.1	75.9	85.4	80.1	-6%	-1%	5%
FC Deposits (\$)	22.6	23.7	26.4	25.8	24.0	24.7	3%	4%	-4%
<b>Borrowings</b>	<b>61.0</b>	<b>62.3</b>	<b>63.9</b>	<b>75.3</b>	<b>80.8</b>	<b>90.0</b>	<b>11%</b>	<b>44%</b>	<b>19%</b>
TL Borrowings	5.1	6.1	6.5	7.1	6.8	7.8	16%	29%	11%
FC Borrowings (\$)	15.4	16.0	16.1	18.1	18.7	18.0	-4%	12%	0%
<b>Shareholders' Equity</b>	<b>27.7</b>	<b>28.5</b>	<b>29.0</b>	<b>30.1</b>	<b>31.6</b>	<b>37.8</b>	<b>20%</b>	<b>33%</b>	<b>26%</b>
<b>Assets Under Management</b>	<b>17.4</b>	<b>18.5</b>	<b>19.1</b>	<b>19.5</b>	<b>20.1</b>	<b>19.6</b>	<b>-2%</b>	<b>6%</b>	<b>1%</b>
<b>Loans/Assets</b>	66%	66%	66%	63%	62%	61%			
<b>Securities/Assets</b>	12%	11%	12%	12%	13%	12%			
<b>Borrowings/Liabilities</b>	22%	22%	22%	24%	25%	25%			
<b>Loans/(Deposits+TL Bills)</b>	112%	112%	115%	114%	113%	114%			
<b>CAR - cons</b>	13.4%	13.7%	13.8%	13.4%	12.9%	13.9%			
<b>Common Equity Tier-I - cons</b>	9.9%	10.3%	10.3%	10.0%	9.9%	10.7%			
<b>Leverage Ratio</b>	9.0x	8.9x	9.0x	9.5x	9.4x	8.7x			

## Assets



## Liabilities



Note: Loans indicate performing loans

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  
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

Borrowings: include funds borrowed, marketable securities issued (net), subordinated loans

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

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

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

# Consolidated Income Statement

TL million	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	q/q	y/y	1H17	1H18	y/y
<b>Net Interest Income including swap costs</b>	<b>2,217</b>	<b>2,089</b>	<b>2,154</b>	<b>2,522</b>	<b>2,543</b>	<b>2,778</b>	<b>9%</b>	<b>33%</b>	<b>4,306</b>	<b>5,321</b>	<b>24%</b>
o/w NII (ecl. CPI linkers' income)	1,926	1,983	1,944	2,147	2,409	2,748	14%	39%	3,909	5,157	32%
o/w CPI-linkers	325	338	409	663	436	460	6%	36%	663	896	35%
o/w Swap costs	-34	-232	-198	-288	-302	-431	43%	86%	-266	-733	175%
<b>Fees &amp; Commissions</b>	<b>849</b>	<b>826</b>	<b>799</b>	<b>841</b>	<b>1,034</b>	<b>1,051</b>	<b>2%</b>	<b>27%</b>	<b>1,675</b>	<b>2,085</b>	<b>24%</b>
<b>Core Revenues</b>	<b>3,066</b>	<b>2,915</b>	<b>2,954</b>	<b>3,364</b>	<b>3,577</b>	<b>3,829</b>	<b>7%</b>	<b>31%</b>	<b>5,981</b>	<b>7,406</b>	<b>24%</b>
<b>ECL net of collections</b>	<b>539</b>	<b>532</b>	<b>592</b>	<b>568</b>	<b>514</b>	<b>835</b>	<b>62%</b>	<b>57%</b>	<b>1,071</b>	<b>1,348</b>	<b>26%</b>
o/w Stage 3 Provisions	756	717	761	596	607	738	21%	3%	1,473	1,345	-9%
o/w Stage 1 + Stage 2 Provisions	45	62	46	151	237	460	94%	637%	107	696	550%
o/w Collections	262	247	215	179	330	363	10%	47%	509	693	36%
<b>Operating Costs</b>	<b>1,370</b>	<b>1,422</b>	<b>1,363</b>	<b>1,543</b>	<b>1,450</b>	<b>1,554</b>	<b>7%</b>	<b>9%</b>	<b>2,791</b>	<b>3,003</b>	<b>8%</b>
<b>Core Operating Income</b>	<b>1,156</b>	<b>962</b>	<b>999</b>	<b>1,253</b>	<b>1,613</b>	<b>1,441</b>	<b>-11%</b>	<b>50%</b>	<b>2,118</b>	<b>3,054</b>	<b>44%</b>
<b>Trading and FC gains/losses</b>	<b>100</b>	<b>125</b>	<b>38</b>	<b>-24</b>	<b>11</b>	<b>275</b>	<b>-</b>	<b>-</b>	<b>225</b>	<b>286</b>	<b>27%</b>
<b>Other income</b>	<b>102</b>	<b>75</b>	<b>53</b>	<b>109</b>	<b>136</b>	<b>40</b>	<b>-71%</b>	<b>-47%</b>	<b>177</b>	<b>176</b>	<b>-1%</b>
o/w income from subs	28	19	19	22	28	25	-12%	31%	47	53	13%
o/w Dividends	2	8	0	0	4	8	99%	-4%	10	12	17%
o/w Others	72	48	35	86	104	7	-93%	-85%	120	111	-7%
<b>Other Provisions &amp; Costs</b>	<b>94</b>	<b>40</b>	<b>33</b>	<b>180</b>	<b>147</b>	<b>196</b>	<b>33%</b>	<b>385%</b>	<b>134</b>	<b>343</b>	<b>156%</b>
o/w Other provisions for risks and charges	50	0	0	123	100	188	88%	-	50	288	476%
o/w Other provisions	44	40	33	58	47	8	-83%	-80%	84	55	-34%
<b>Pre-tax Income</b>	<b>1,265</b>	<b>1,121</b>	<b>1,058</b>	<b>1,158</b>	<b>1,613</b>	<b>1,559</b>	<b>-3%</b>	<b>39%</b>	<b>2,386</b>	<b>3,173</b>	<b>33%</b>
<b>Tax</b>	<b>263</b>	<b>229</b>	<b>216</b>	<b>278</b>	<b>369</b>	<b>332</b>	<b>-10%</b>	<b>45%</b>	<b>493</b>	<b>701</b>	<b>42%</b>
<b>Net Income</b>	<b>1,001</b>	<b>892</b>	<b>841</b>	<b>880</b>	<b>1,244</b>	<b>1,227</b>	<b>-1%</b>	<b>38%</b>	<b>1,893</b>	<b>2,471</b>	<b>31%</b>
<b>ROTAE<sup>1</sup></b>	<b>15.8%</b>	<b>13.3%</b>	<b>12.4%</b>	<b>12.6%</b>	<b>17.1%</b>	<b>15.9%</b>	<b>-120bps</b>	<b>260bps</b>	<b>14.7%</b>	<b>16.4%</b>	<b>165bps</b>

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

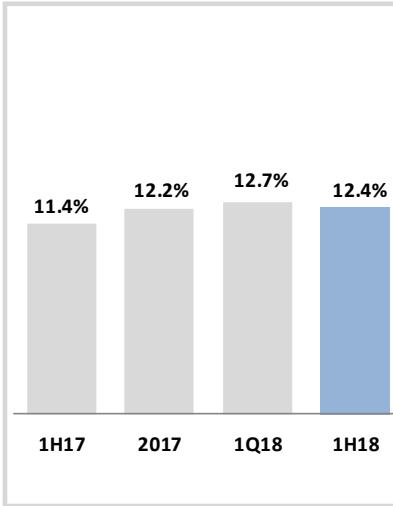
# Bank-Only Income Statement

TL million	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	q/q	y/y	1H17	1H18	y/y
<b>Net Interest Income including swap costs</b>	<b>2,030</b>	<b>1,895</b>	<b>1,965</b>	<b>2,306</b>	<b>2,270</b>	<b>2,585</b>	<b>14%</b>	<b>36%</b>	<b>3,925</b>	<b>4,856</b>	<b>24%</b>
o/w NII (ecl. CPI linkers' income)	1,816	1,836	1,803	2,021	2,332	2,648	14%	44%	3,652	4,979	36%
o/w CPI-linkers	325	338	409	663	436	460	6%	36%	663	896	35%
o/w Swap costs	-111	-278	-247	-378	-497	-523	5%	88%	-390	-1,020	162%
<b>Fees &amp; Commissions</b>	<b>807</b>	<b>784</b>	<b>757</b>	<b>788</b>	<b>986</b>	<b>993</b>	<b>1%</b>	<b>27%</b>	<b>1,591</b>	<b>1,979</b>	<b>24%</b>
<b>Core Revenues</b>	<b>2,837</b>	<b>2,679</b>	<b>2,722</b>	<b>3,094</b>	<b>3,257</b>	<b>3,578</b>	<b>10%</b>	<b>34%</b>	<b>5,516</b>	<b>6,835</b>	<b>24%</b>
<b>ECL net of collections</b>	<b>526</b>	<b>501</b>	<b>574</b>	<b>539</b>	<b>483</b>	<b>832</b>	<b>72%</b>	<b>66%</b>	<b>1,027</b>	<b>1,316</b>	<b>28%</b>
o/w Stage 3 Provisions	745	687	749	572	590	716	21%	4%	1,432	1,305	-9%
o/w Stage 1 + Stage 2 Provisions	43	61	40	146	224	480	114%	689%	104	703	576%
o/w Collections	262	247	215	179	330	363	10%	47%	509	693	36%
<b>Operating Costs</b>	<b>1,295</b>	<b>1,346</b>	<b>1,293</b>	<b>1,462</b>	<b>1,375</b>	<b>1,470</b>	<b>7%</b>	<b>9%</b>	<b>2,642</b>	<b>2,846</b>	<b>8%</b>
<b>Core Operating Income</b>	<b>1,016</b>	<b>832</b>	<b>855</b>	<b>1,093</b>	<b>1,398</b>	<b>1,276</b>	<b>-9%</b>	<b>53%</b>	<b>1,848</b>	<b>2,674</b>	<b>45%</b>
<b>Trading and FC gains/losses</b>	<b>89</b>	<b>119</b>	<b>23</b>	<b>-29</b>	<b>57</b>	<b>212</b>	<b>274%</b>	<b>78%</b>	<b>208</b>	<b>269</b>	<b>29%</b>
<b>Other income</b>	<b>213</b>	<b>186</b>	<b>179</b>	<b>233</b>	<b>252</b>	<b>227</b>	<b>-10%</b>	<b>23%</b>	<b>399</b>	<b>480</b>	<b>20%</b>
o/w income from subs	146	140	144	145	211	171	-19%	23%	286	382	34%
o/w Dividends	2	0	0	0	3	2	-39%	294%	2	4	94%
o/w Others	65	45	35	88	39	54	41%	20%	111	93	-16%
<b>Other Provisions &amp; Costs</b>	<b>88</b>	<b>45</b>	<b>32</b>	<b>169</b>	<b>145</b>	<b>194</b>	<b>34%</b>	<b>337%</b>	<b>132</b>	<b>340</b>	<b>157%</b>
o/w Other provisions for risks and charges	50	0	0	123	100	188	88%	-	50	288	476%
o/w Other provisions	38	45	32	46	45	6	-86%	-86%	82	52	-37%
<b>Pre-tax Income</b>	<b>1,230</b>	<b>1,092</b>	<b>1,024</b>	<b>1,127</b>	<b>1,562</b>	<b>1,521</b>	<b>-3%</b>	<b>39%</b>	<b>2,322</b>	<b>3,083</b>	<b>33%</b>
<b>Tax</b>	<b>229</b>	<b>200</b>	<b>183</b>	<b>247</b>	<b>318</b>	<b>294</b>	<b>-8%</b>	<b>47%</b>	<b>429</b>	<b>611</b>	<b>43%</b>
<b>Net Income</b>	<b>1,001</b>	<b>892</b>	<b>841</b>	<b>880</b>	<b>1,244</b>	<b>1,227</b>	<b>-1%</b>	<b>38%</b>	<b>1,893</b>	<b>2,471</b>	<b>31%</b>
<b>ROTAE<sup>1</sup></b>	<b>15.8%</b>	<b>13.4%</b>	<b>12.4%</b>	<b>12.6%</b>	<b>17.0%</b>	<b>15.8%</b>	<b>-120bps</b>	<b>240bps</b>	<b>14.7%</b>	<b>16.3%</b>	<b>164bps</b>

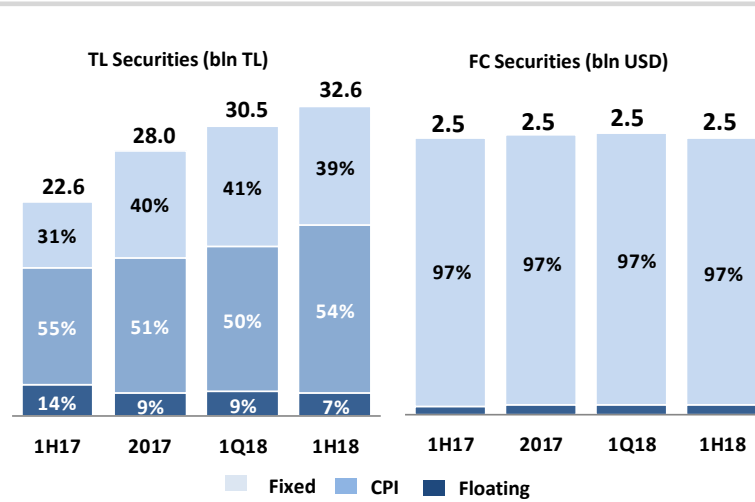
1. 2Q18 and 1H18 ROTE is adjusted for the 4.1 blmn TL rights issue on 30th of June

# Securities

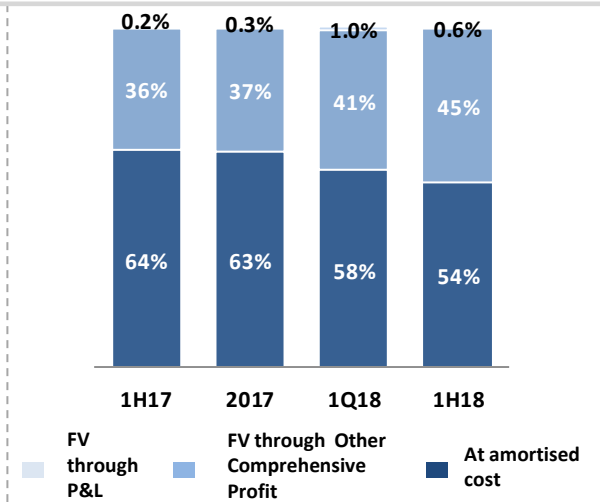
## Securities/Assets



## Composition by Type<sup>1</sup> (TL bln)



## Composition by Classification<sup>1</sup>

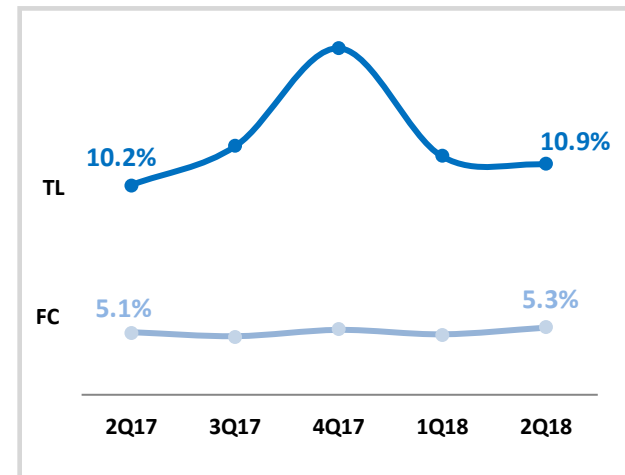


- **Securities / assets at 12.4%** with dynamically managed mix to benefit from rate environment
- **Increase in CPI linkers to benefit from higher inflation levels.** CPI-linker volume increased 39% y/y to TL 14.5 bn in nominal value; with a gain of TL 896 mln in 1H18







Inflation estimate for revaluation of CPI linkers: 9.3%

- **M-t-m unrealised loss at TL 1,172 mln as of 1H18** (TL -385 mln in 2017)

## Security Yields<sup>1</sup>



# Borrowings: 25% of total liabilities

International	Syndications	<p>~ US\$ 2.9 bln outstanding</p> <ul style="list-style-type: none"> <li>■ <b>May'17:</b> US\$ 40 mln &amp; € 60 mln, all-in cost at Libor+ 2.20 % and Euribor+ 2.10 % for the 2 year and 1 day tranche</li> <li>■ <b>Oct'17:</b> US\$ 411 mln and € 800 mln, all-in cost at Libor+1.35% /Euribor+ 1.25% p.a. for the 367 days and Libor+ 2.20 % and Euribor+ 2.10 % for the 2 year and 1 day tranche, respectively . Participation of 37 banks from 17 countries</li> <li>■ <b>May'18:</b> US\$ 382mln &amp; € 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 </li> </ul>
	Subordinated Loans	<p>~US\$ 2.6 bln outstanding</p> <ul style="list-style-type: none"> <li>■ <b>Dec'12:</b> US\$ 1.0 bln market transaction, 10 years, 5.5% (coupon rate)</li> <li>■ <b>Jan'13:</b> US\$ 585 mln, 10NC5, 5.7% fixed rate – Basel III Compliant</li> <li>■ <b>Dec'13:</b> US\$ 470 mln, 10NC5, 6.55% – Basel III Compliant (midswap+4.88% after the first 5 years)</li> <li>■ <b>Mar'16:</b> US\$ 500 mln market transaction, 10NC5, 8.5% (coupon rate)</li> </ul>
	Foreign and Local Currency Bonds / Bills	<p>US\$ 3.2 bln Eurobonds</p> <ul style="list-style-type: none"> <li>■ <b>Jan'13:</b> US\$ 500 mln, 4.00% (coupon rate), 7 years</li> <li>■ <b>Dec'13:</b> US\$ 500 mln, 5.25% (coupon rate), 5 years</li> <li>■ <b>Oct'14:</b> US\$ 550 mln, 5.125% (coupon rate), 5 years</li> <li>■ <b>Feb'17:</b> US\$ 600 mln, 5.75% (coupon rate), 5 years</li> <li>■ <b>Jun'17:</b> US\$ 500 mln, 5.85% (coupon rate), 7 years</li> <li>■ <b>Jun'17:</b> TL 500 mln, 13.13% (coupon rate), 3 years</li> <li>■ <b>Mar'18:</b> US\$ 500 mln, 6.10% (coupon rate), 5 years</li> </ul>
	Covered Bond	<p>TL 1.17 bln out standing</p> <ul style="list-style-type: none"> <li>■ <b>Oct'17:</b> Mortgage-backed, maturity 5 years</li> <li>■ <b>Feb'18:</b> Mortgage-backed with 5 years maturity</li> <li>■ <b>May'18:</b> Mortgage-backed with 5 years maturity </li> </ul>
Domestic	Local Currency Bonds / Bills	<p>TL 2.1 bln total</p> <ul style="list-style-type: none"> <li>■ <b>Mar'18 :</b> TL 487,0mln, 5 months maturity </li> <li>■ <b>Apr'18 :</b> TL 1,1 bio , 3 months maturity </li> <li>■ <b>May'18 :</b> TL 274 mln, 3 months maturity </li> <li>■ <b>June'18 :</b> TL 206 mln, 3 months maturity </li> </ul>

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

Turkey

## Turkey

- Europe's 7<sup>th</sup> largest economy and a member of G20
- Young, dynamic, large and growing population
- Sovereign ratings of Ba2/BB-/BB+ by Moody's/S&P/Fitch

TR 2017

EU 2017

Population (mln)	81	512
Median Age	32	43 <sup>1</sup>
Population Growth (CAGR 2000-2017)	1.3%	0.3% <sup>2</sup>
GDP (€ bln)	683	15,326
World Ranking	17	-
Per Capita GDP (€)	8,498	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	1H18
GDP Growth	5.2%	6.1%	3.2%	5.3%	7.4%	5.2%
CPI (eop)	8.2%	8.8%	8.5%	10.1%	11.9%	15.4%
Benchmark Rate (eop)	7.9%	10.8%	10.7%	11.1%	13.4%	19.3%
Unemployment <sup>3</sup>	9.9%	10.3%	10.9%	10.2%	10.9%	9.7%
Policy Rate	8.3%	7.5%	8.0%	8.0%	8.0%	16.5%
CBT funding rate	8.5%	8.8%	8.3%	11.2%	12.8%	17.8%
CAD/GDP	4.7%	3.7%	3.8%	4.1%	5.5%	6.5%
o/w energy	5.3%	3.9%	2.8%	3.3%	3.9%	4.2%
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

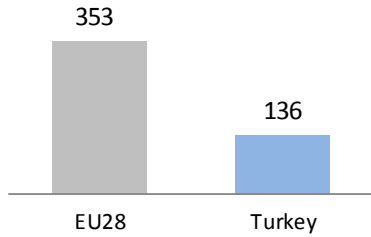
2. 2000-2016 CAGR

3. As of May 2018

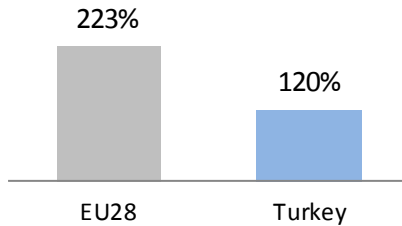
# Despite solid growth in recent years, Turkish banking sector still underpenetrated in household lending

Banking Sector Penetration

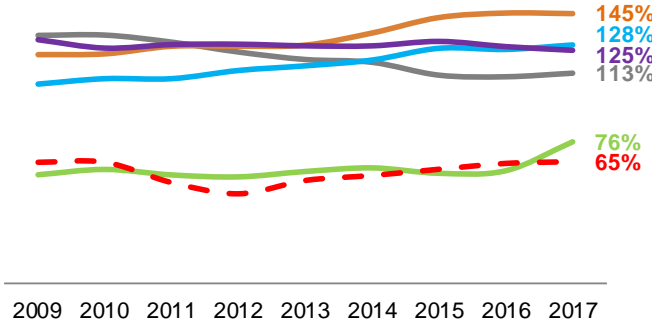
Branches Per  
Million Inhabitants  
(2016)



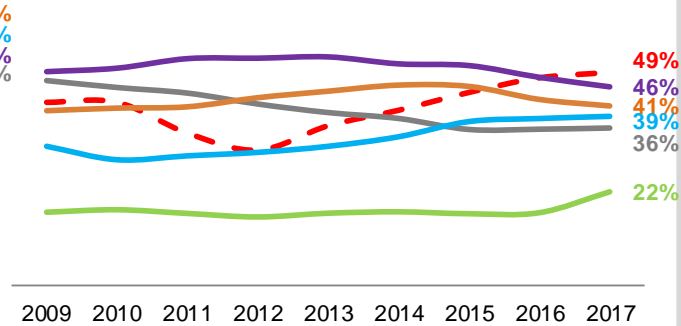
(Loans+Deposits)/GDP<sup>3</sup>  
(2017)



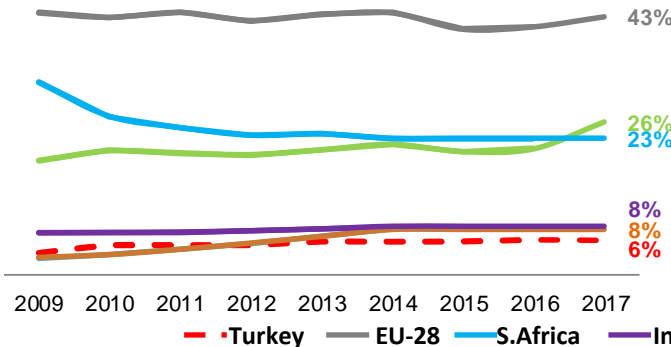
Total Loans<sup>1</sup>/GDP



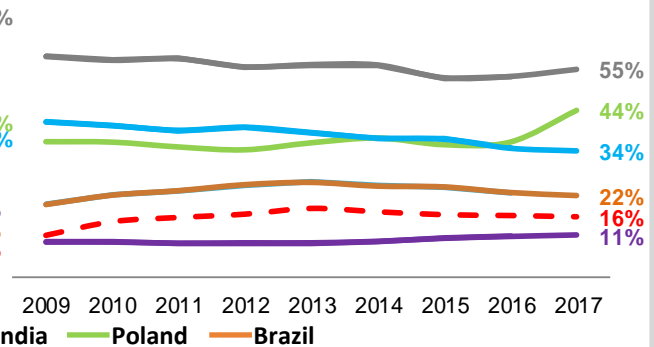
Corporate Loans/GDP



Mortgages/GDP



Loans to Households<sup>2</sup>/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	1H18
Banks #	45	49	51	52	52	51	52
Branches #	10,234	11,023	11,223	11,193	10,781	10,550	10,536
Loan Growth (ytd)	15%	33%	18%	21%	17%	14%	12%
Deposit Growth (ytd)	11%	24%	10%	19%	17%	11%	12%
Loans/GDP <sup>1</sup>	48%	55%	58%	61%	64%	68%	55%
Deposits/GDP <sup>1</sup>	49%	53%	51%	53%	56%	57%	46%
Loans/Assets	58%	61%	62%	64%	64%	65%	71%
Deposits/Assets	59%	58%	56%	56%	56%	55%	59%
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%	2.9%
Specific Coverage	75%	77%	75%	76%	78%	80%	73%
CAR <sup>2</sup>	17.3%	14.6%	15.7%	15.0%	15.1%	16.5%	15.9%
Tier 1 Ratio	14.2%	12.2%	13.1%	12.5%	12.6%	13.6%	13.1%
ROAE	14.5%	12.5%	12.1%	10.8%	13.5%	15.0%	15.3%
ROAA	1.7%	1.4%	1.3%	1.1%	1.4%	1.5%	1.6%

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

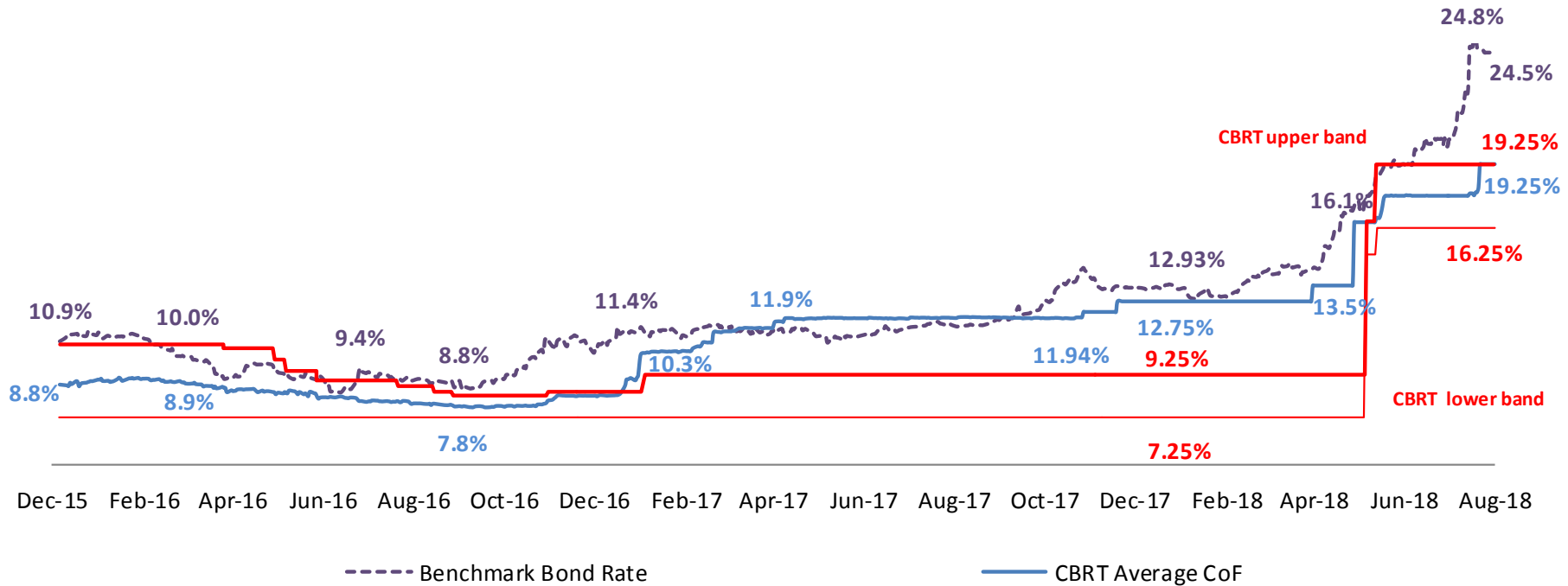
Notes:

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

(1) 1Q18 GDP assumed stable at 2017 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	B1	Negative	B1	Negative
Garanti	B1	Negative	B1	Negative
Akbank	B1	Negative	B1	Negative
İşbank	B2	Negative	B2	Negative
Halkbank	B2	Negative	B2	Negative
Vakıfbank	B1	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

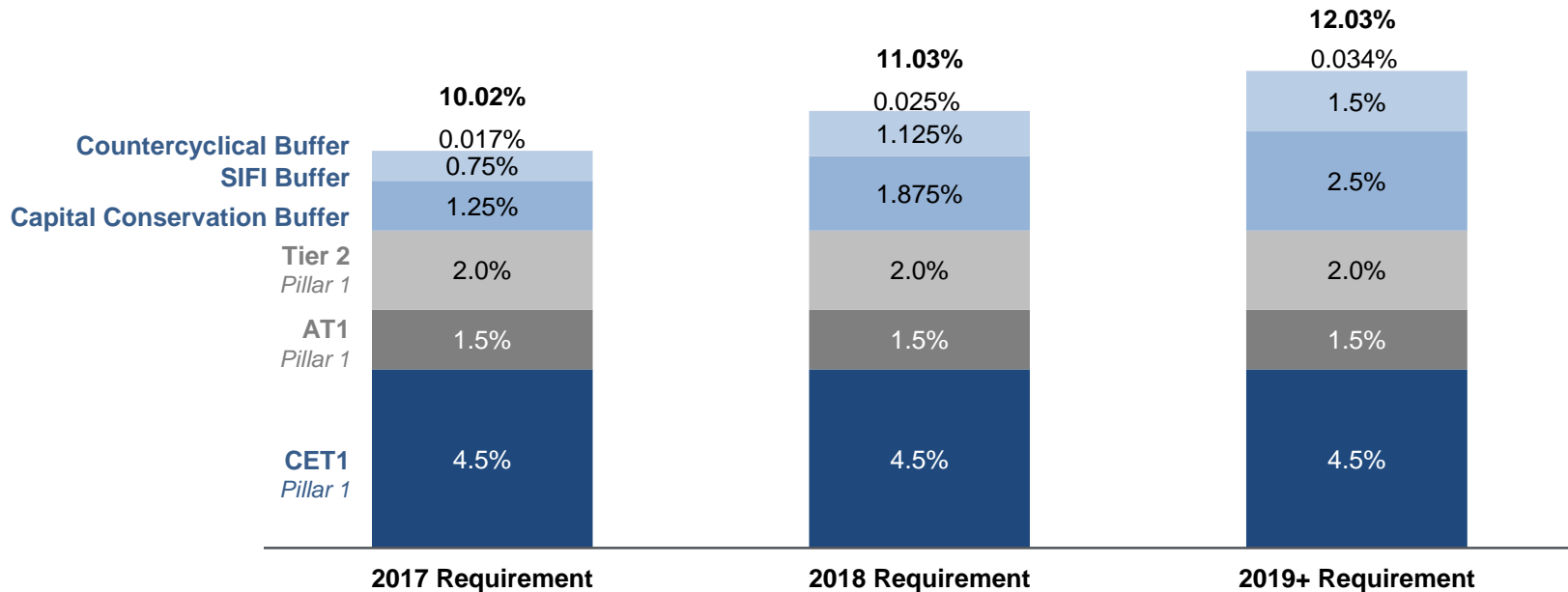
Fitch

Yapı Kredi	BB	Negative	BB+	Negative
Garanti	BB	Negative	BB+	Negative
Akbank	BB-	Negative	BB	Negative
İşbank	BB-	Negative	BB	Negative
Halkbank	BB-	Negative	BB+	Negative
Vakıfbank	BB-	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