

AXIS/CO/CS/1024/2018-19

19th March 2019

Shri Kautuk Upadhyay
The Chief Manager (Listing & Compliance)
tock Exchange of India Limited
Exchange Plaza, 5th Floor
Plot No. C/1, "G" Block
Bandra-Kurla Complex,
Mumbai – 400 051

NSE Code: AXISBANK

Shri Khushro Bulsara
The Deputy General Manager (Listing)
BSE Limited
1st Floor, New Trading Ring, Rotunda
Building
P. J. Towers, Dalal Street
Fort, Mumbai – 400 001

BSE Code: 532215

Dear Sir(s),

SUB.: DISCLOSURE UNDER REGULATION 30 READ WITH PARA A OF SCHEDULE III AND REGULATION 46(2) OF THE SECURITIES AND EXCHANGE BOARD OF INDIA (LISTING OBLIGATIONS AND DISCLOSURE REQUIREMENTS) REGULATIONS, 2015.

Enclosed, please find the schedule of Analyst / Investor meeting / interactions held at Mumbai on 19h March 2019, along with the presentations made therein, in relation to Banks strategy and its business segment in terms of the captioned subject.

The same is being uploaded on the website of the Bank www.axisbank.com

You are requested to take note of above and arrange to bring it to the notice of all concerned.

Thanking You.

Yours sincerely,

WW 12

For Axis Bank Limited

Girish V. Koliyote Company Secreta

Encl.: as above

Schedule of the Analyst Day

	Schedule of the Analyst Day
	Place: Mumbai
	Date: 19th March 2019
	Institution Name
	Alliance Bernstein
	Ambit Capital
	Antique Stock Broking
	Bank of America ML
-	BNP Paribas
	CIMB
	Citibank
-	CLSA
	Credit Suisse
	Daiwa Securities
	Deutsche Bank
	Edelweiss Securities
	Elara Securities
	Emkay Global
	Goldman Sachs
	Haitong International
	HSBC Securities
18	ICICI Securities
19	IDFC Securities
20	IIFL Institutional Equities
21	Investec Research
22	Jefferies
23	JM Financial
24	JP Morgan India
25	Kotak Institutional Equities
26	Macquaire Securities
27	Morgan Stanley
28	Motilal Oswal Securities
29	Nomura
30	Phillip Securities
31	Prabhudas Liladher
32	SBICAP Securities
33	Spark Capital Advisors
34	UBS Securities
35	Sunidhi Securities
36	ICICIdirect.com
37	HDFC Securities
38	Sharekhan Ltd
39	B & K Securities
40	Nirmal Bang Institutional Equities
	Centrum Broking
	Reliance Securities
	India Nivesh Securities
44	Equirus Capital
	Dolat Capital
	Almondz Global
47	SMC Global Securities Ltd.
	Dalal and Broacha
49	BP Wealth
	大統計





**Session 1 - Presentations** 



# **Session 1**

# Strategy FY20-22 Wholesale Risk and Credit Underwriting Wholesale Banking



# Axis Bank has built an enviable franchise over the years AXIS BANK 25 years of progress

₹crore

50,644

FY09



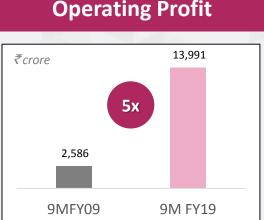
#### **Balance Sheet**



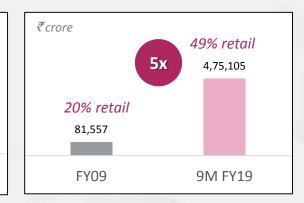
#### **CASA Deposits**

2,35,552

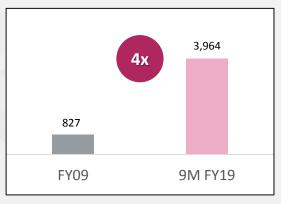
9M FY19



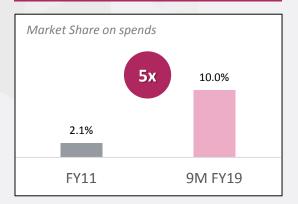
#### **Advances**



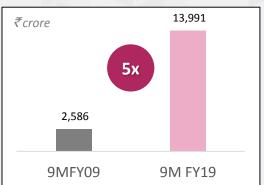
#### Branches



#### **Credit Cards**



#### **Operating Profit**



#### **Subsidiaries**

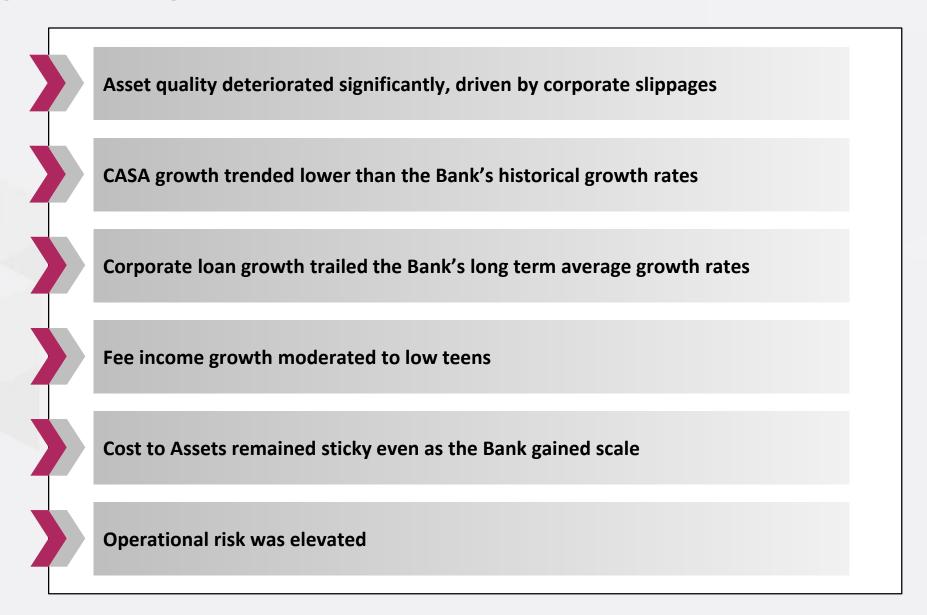


#### **Brand**



# However, the Bank's recent performance has moderated AXIS BANK 25 years of progress compared to its past trends





## Three vectors of our strategy for the next three years



# Growth

# Profitability

# Sustainability

- Grow deposits in line with loans
- Step up growth in Wholesale Bank
- Continue momentum in Retail Bank
- Establish leadership in digital and payments
- Scale-up subsidiaries materially

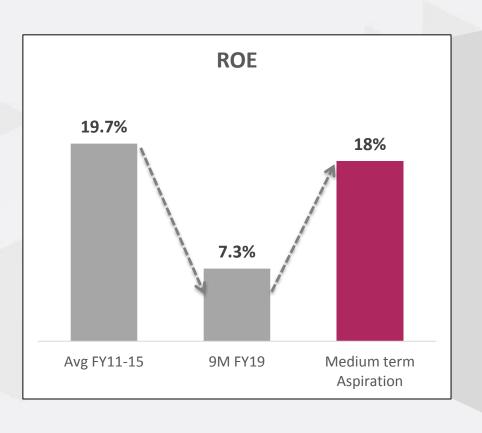
- Optimize business mix
- Improve operating efficiency
- Sweat existing infrastructure
- Reduce credit cost below long term average

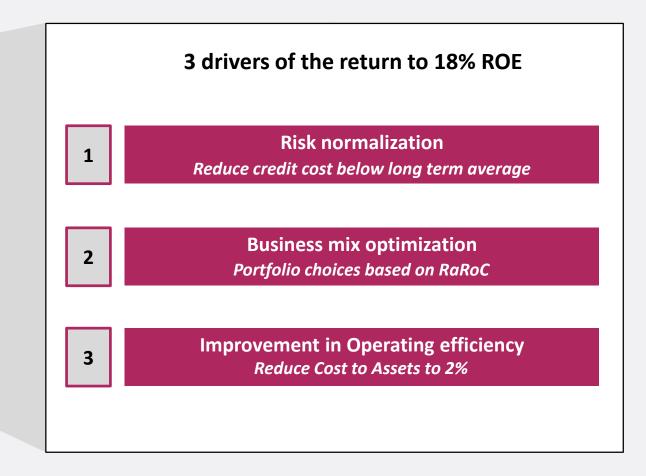
- Strengthen the Core technology,
   operations, credit risk and process excellence
- Build a bench of senior talent
- Focus on disciplined execution
- Embed conservatism in the Bank's internal policies and practices

Our goal is to deliver 18% ROE sustainably

# The ROE path back to 18% would be driven by three elements





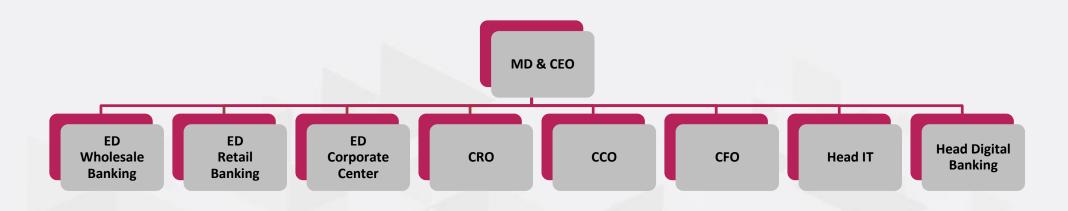


# We are augmenting the talent bench strength and clarifying organizational structures for effectiveness

Focus on both assets and liabilities through a Commercial banking group



and Service Quality



MD & CEO – Managing Director and Chief Executive Officer; ED – Executive Director; CRO – Chief Risk Officer; CCO – Chief Credit Officer; CFO – Chief Financial Officer

# Clarifying Organizational Structures – Key Principles Retail Wholesale Clearly defined Product and Coverage Structure Centralized Operations Team independent of lines of business Separation of Underwriting and Product / Coverage functions Continue to buttress capabilities in digital, risk management and analytics Single Bank-wide owner for customer service Dedicated owner for Customer Experience

## **End of deck**

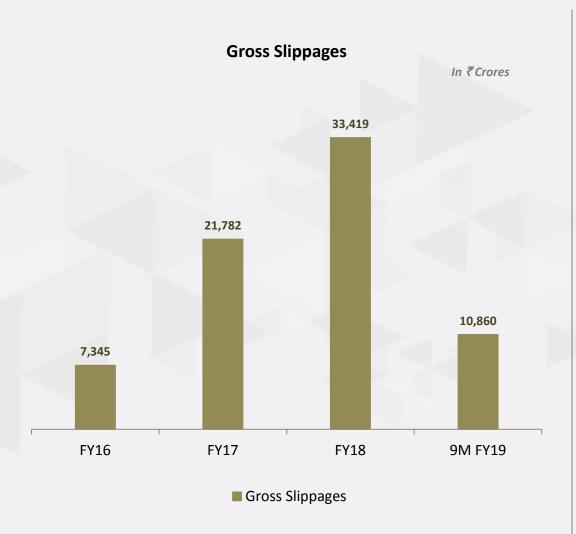


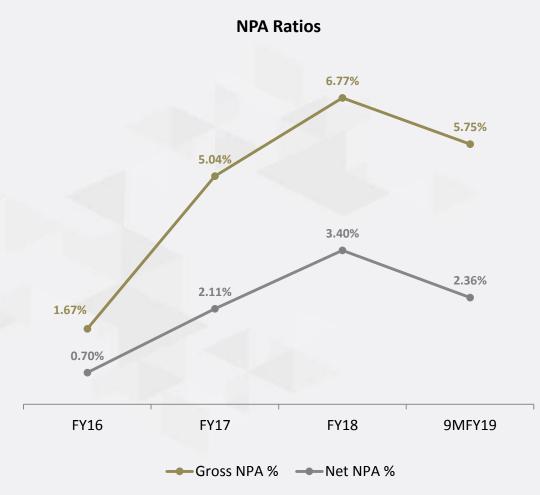




# The Bank has gone through a tough period on Credit Risk in the last few years driven primarily by corporate stress



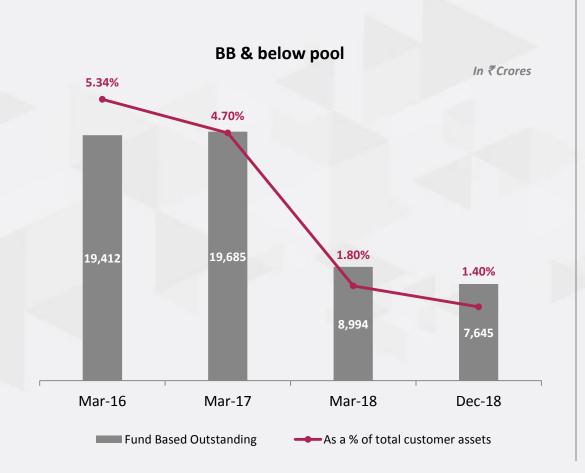




## The stress recognition phase is now largely behind us

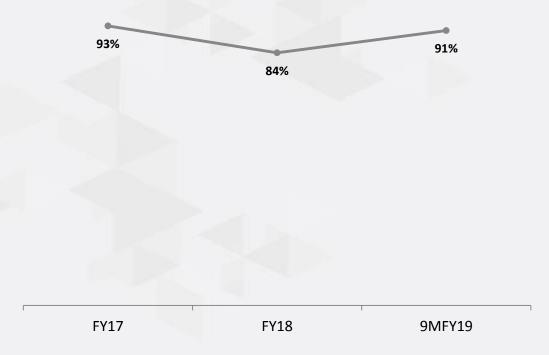






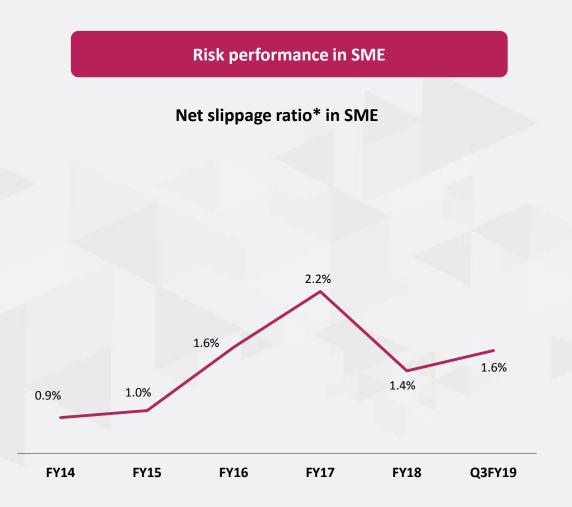
#### ... and continues to be the main contributor to new NPA formation

#### Corporate slippages from BB & below



## Risk in SME lending has normalized after peaking in FY17

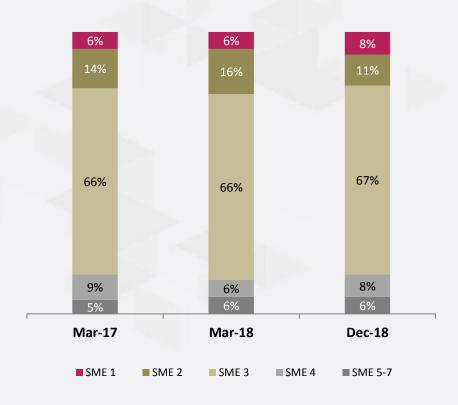




<sup>\*</sup> Net slippage ratio = Net slippages / Opening Net Advances, annualized

#### Focus remains on building a high rated SME Book

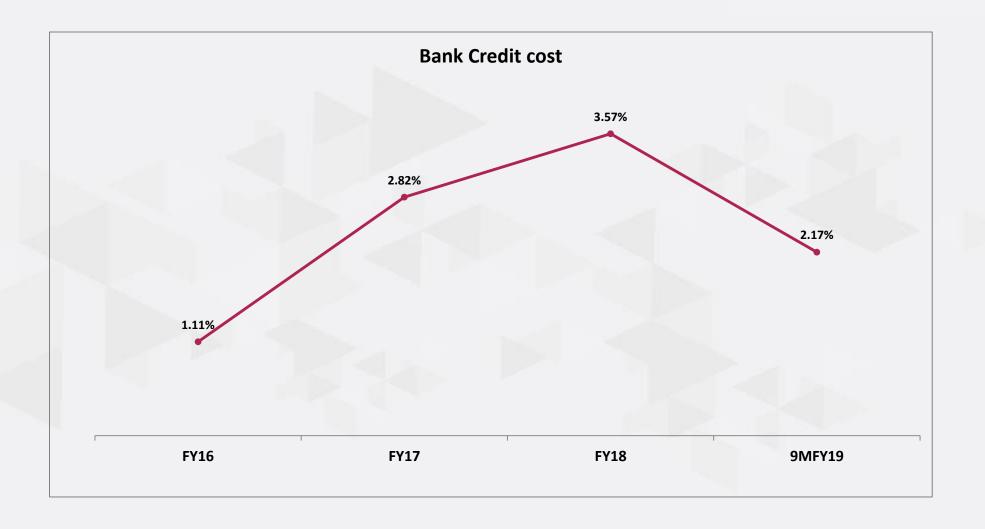
#### 86% of SME exposure\* has a rating of at least 'SME3'



<sup>\*</sup> Only includes standard exposure

# Credit cost has come down from peaks reached in FY18





# We have learned some important lessons from this experience AXIS BANK 25 years of progress



#### **Key Learnings**

 Our Credit filters for new credit proposals need to be raised.

We need to reduce our exposure to project loans

We need to diversify our portfolio and reduce concentration.

Our Early Warning Systems for potential stress need to be sharpened.

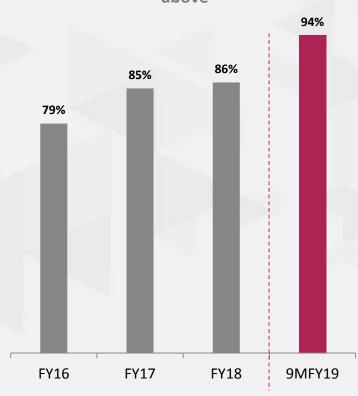
We needed to have an independent credit function with full accountability, which has been implemented

## We are moving towards a better rated credit portfolio



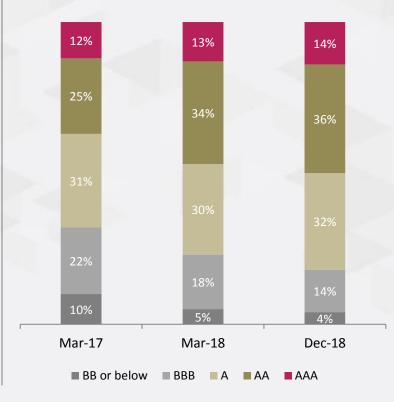
Fresh originations are predominantly from entities rated A- or better ...

Percentage of sanctions rated A- & above





82% of corporate exposure\* is rated 'A-' or better



# ... and with reduced project exposure



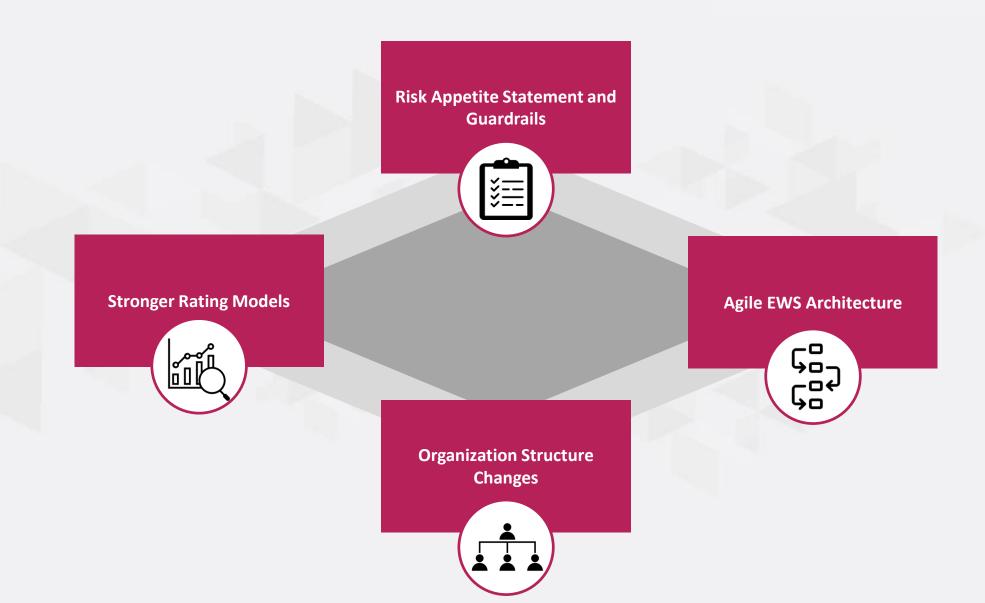
In ₹Cr



<sup>\*</sup> Only includes standard exposure

# We have also strengthened the risk framework in the wholesale bank





## **Way Forward**



Portfolio diversification with reduction in concentration risk

Reduced exposure to project loans with increased focus on transaction banking and working capital business

**Strengthened Early Warning Systems** 

Leverage learnings from the past towards improved policy, processes and organization structure

Set up mid-market underwriting function

## **End of deck**

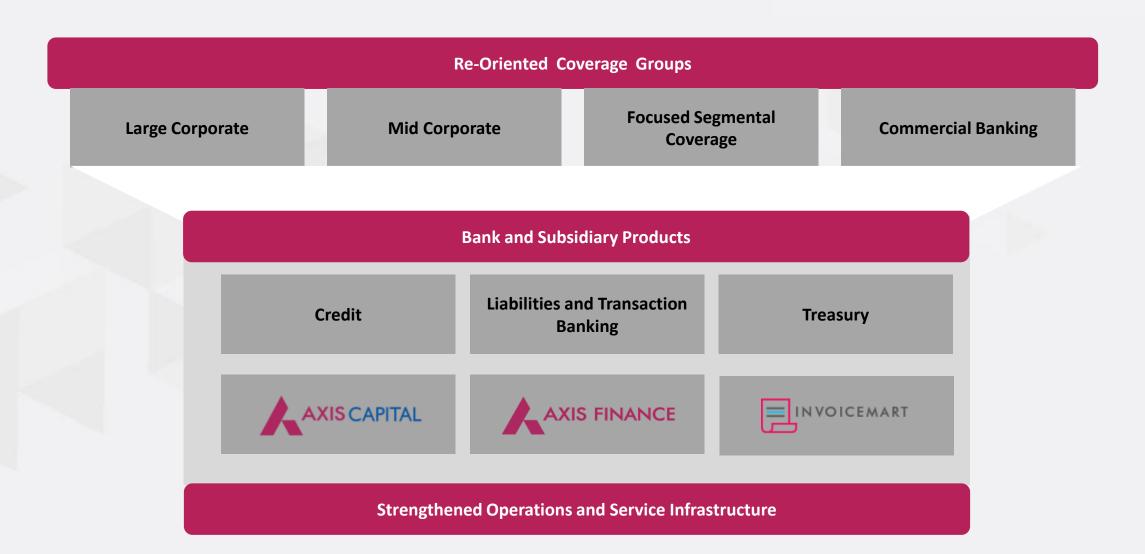






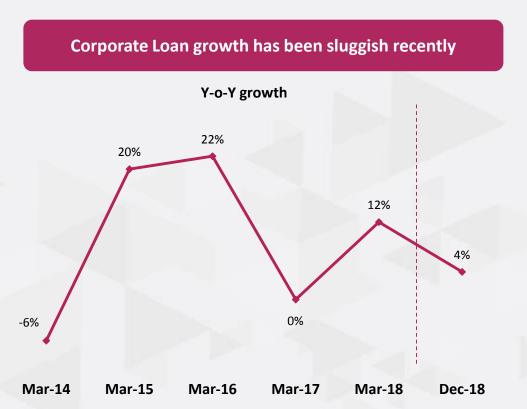
# We are transforming the Wholesale Bank, creating an integrated AXIS BANK 25 years of progress franchise





# The last 3 years have been challenging for Corporate loan growth, even as our flow business has continued to thrive

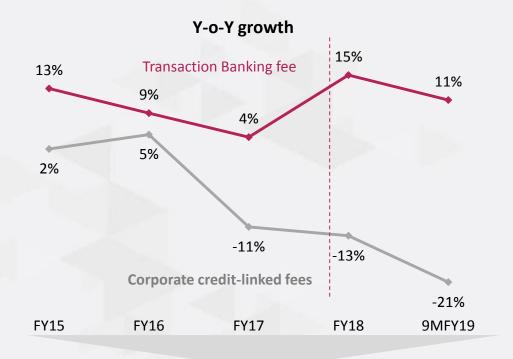






- Segmental focus for strengthened coverage
- Profitable growth, quantified by RAROC
- Continued focus on Asset Quality

#### Transaction Banking Fees has continued to grow strongly



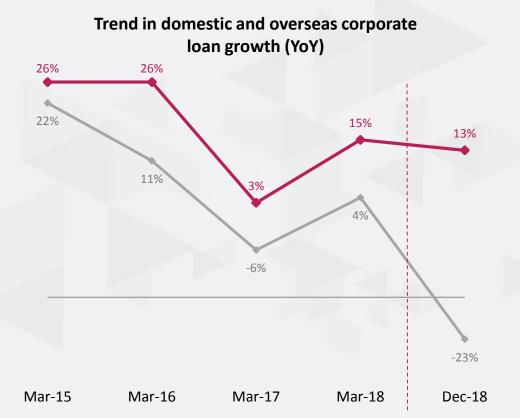
#### **FY20-22** strategy elements

- Build non-credit share of wallet
- Increase penetration in payments
- Become a preferred digital partner

## **Domestic corporate loan growth remains strong**



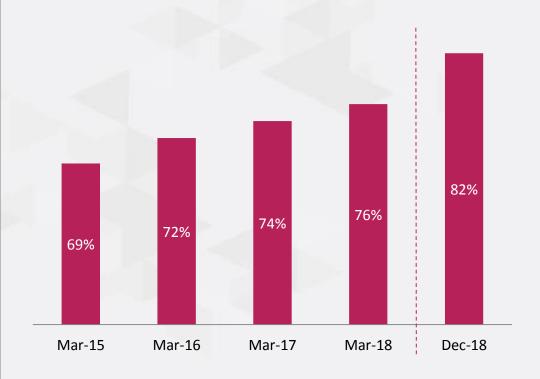




Domestic advances

# Share of Domestic loans in total Corporate Loans continues to increase

#### **Proportion of Domestic in Corporate loan book**



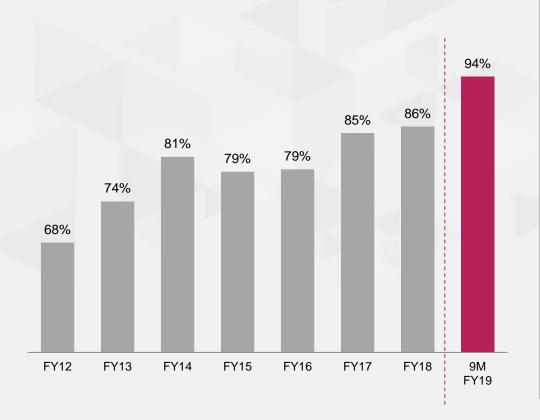
Overseas advances

# We have revamped our risk appetite and internal processes to AXIS BANK 25 years of progress ensure new lending business is of much healthier quality



#### Fresh originations are predominantly from entities rated Aor better

#### Percentage of sanctions rated A- & above



#### Concentration Risk has reduced significantly from peak

#### Exposure to Top 20 single borrowers as a % of Tier I Capital



Mar-11 Mar-12 Mar-13 Mar-14 Mar-15 Mar-16 Mar-17 Mar-18 Dec-18

### The Bank has a leadership position in some key segments



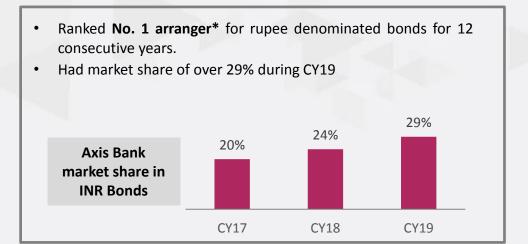
#### **Government Business**

- We have maintained a strong position in Government CASA
  - 22% CASA market share# among private banks
  - 6% market share # in CA
  - 7% market share # in SA
- Smart city offerings- Raipur
  - 1st Smart City of Axis Bank
  - Fastest Smart City Deployment across India
  - Most Comprehensive Smart City Solution by any bank in India

#### **Commercial Banking**

- Crafted a deposit plus lending strategy for SMEs
- Grew footprint in select **high potential sectors** like chemicals, engineering and pharma.
- Developed and scaled new age digital lending capabilities
- Full product suite to serve SME promoters and management

#### **Debt Capital Markets**



#### **Current Accounts**

- Current Account balance has grown at 20% CAGR in last 3 yrs
- Have Leveraged Merchant Acquiring Business relationships to grow CA customers
- Focused on digital partnerships by simplifying customer onboarding
- Focused on driving growth in Government business

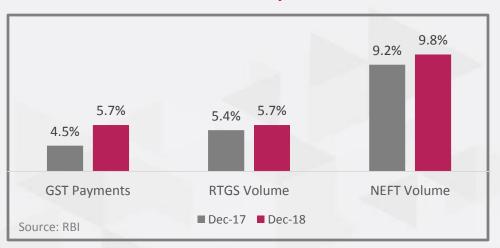
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<sup>\*</sup> Source- Bloomberg # Source - RBI

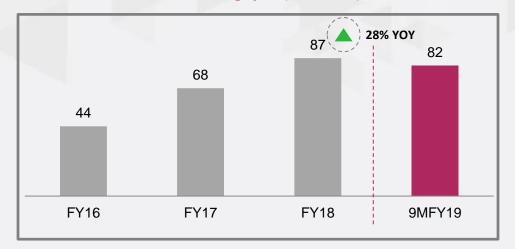
# We are steadily gaining traction in corporate payments and are innovating on solutions to gain share in flow business



#### **Market Share across Payment channels**



#### **CMS Throughput (₹ Trillion)**



#### **Integrated Digital Platform**

- Across payments, trade finance and forex
- User-friendly portal
- Mobile app to be launched shortly



#### **Customized solutions – select examples**

#### **Dairy**

- End-to end digitization
- Multi-mode collection and payment solutions

#### **Smart Cities**

- Deployment for first smart city (Raipur) in progress
- Citizen payments and transit
- Smart card, mobile app and portal

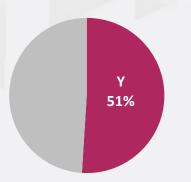
# Commercial Banking is a significant opportunity for the Wholesale Bank



Business has strong franchise value





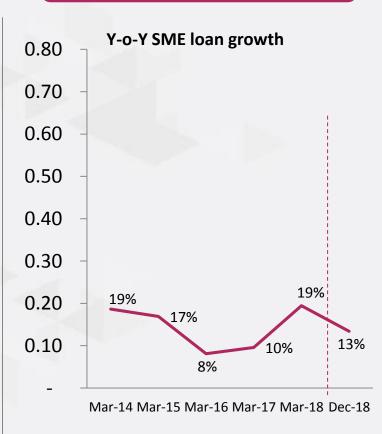


Risk levels in SME lending have normalized after peaking in FY17



\* Net slippage ratio = Net slippages / Opening Net Advances, annualized

# However, recent growth rates have been modest



## **Way Forward**



#### **Strengthen the Coverage model**

 Focus on mid-corporate and commercial banking business

# Integrated Credit + Transaction + Investment Banking

- Focus on improving Working Capital to Term Loan ratio
- Leadership in ECM and DCM

# Deliver higher growth and better profitability

- Focus on RAROC based lending
- Mid-corporate segment remains a key focus area

#### Maintain focus on asset quality

- Prudent risk taking with conservative policies
- Separation of underwriting and other business operations

# **End of deck**





#### **Safe Harbor**



Except for the historical information contained herein, statements in this release which contain words or phrases such as "will", "aim", "will likely result", "would", "believe", "may", "expect", "will continue", "anticipate", "estimate", "intend", "plan", "contemplate", "seek to", "future", "objective", "goal", "strategy", "philosophy", "project", "should", "will pursue" and similar expressions or variations of such expressions may constitute "forward-looking statements". These forward-looking statements involve a number of risks, uncertainties and other factors that could cause actual results to differ materially from those suggested by the forward-looking statements. These risks and uncertainties include, but are not limited to our ability to successfully implement our strategy, future levels of non-performing loans, our growth and expansion, the adequacy of our allowance for credit losses, our provisioning policies, technological changes, investment income, cash flow projections, our exposure to market risks as well as other risks. Axis Bank Limited undertakes no obligation to update forward-looking statements to reflect events or circumstances after the date thereof.





**Session 2 - Presentations** 



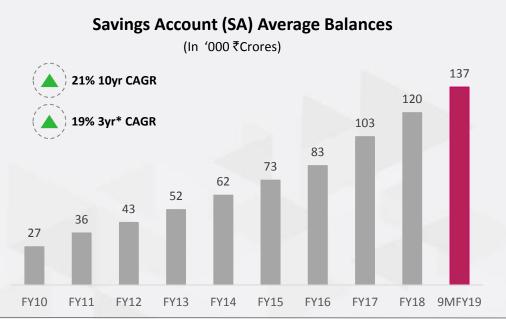
# **Session 2**

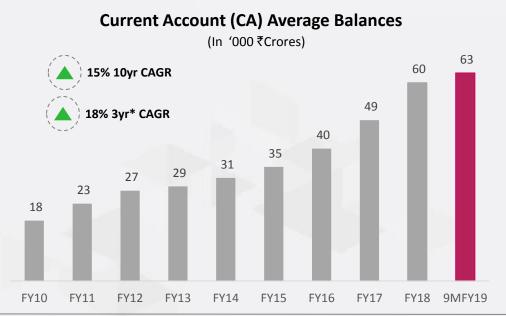
# Retail Deposit Franchise Retail Lending Cards and Retail Payments

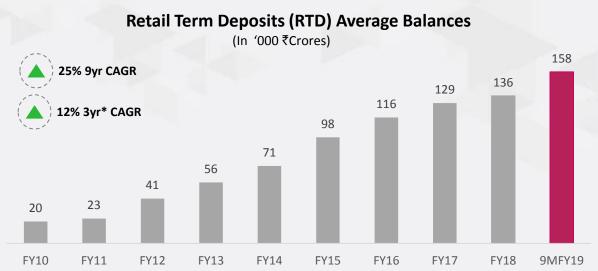


# Over the long term, Axis Bank's deposit franchise has delivered steady and strong growth



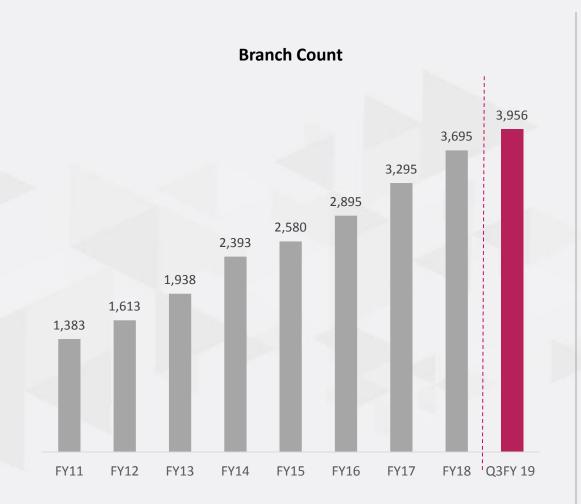


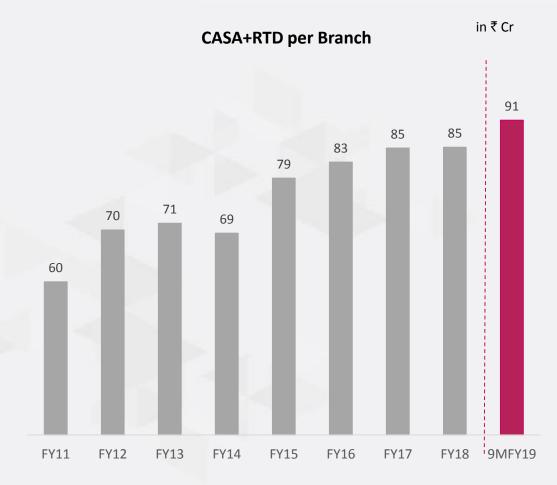




# We continue to increase our branch network, with improving productivity per branch





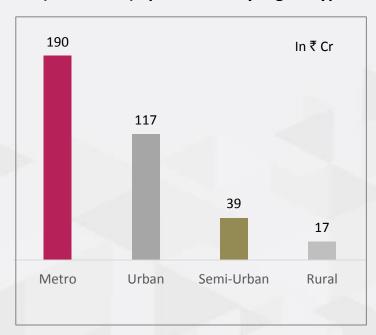


Note: Based on cumulative daily average balances (CDAB)

# The Bank continues to invest in Branches ...



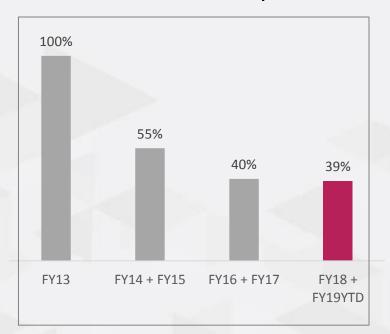
# (CASA+RTD)\* per Branch by region type



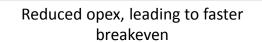
Metro and Urban branches have higher productivity

Focus on higher productivity branch formats

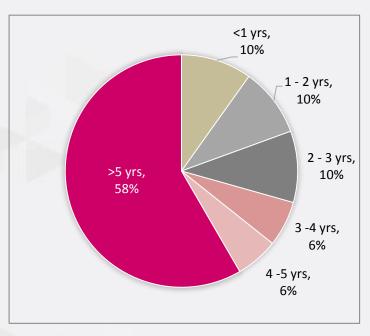
# Size of new branches opened



Average new branch size has reduced by 60% since FY13



### Mix of branches by Maturity (yrs)



30% branches have a vintage less than 3 years

Upside potential exists from prior investments made

<sup>\*</sup> As on 31st Jan, CASA is CDAB and RTD is Month End Balances (MEB)

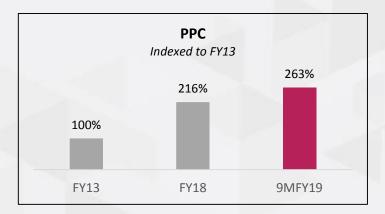
<sup>^</sup> Branch area indexed to area till FY13, excludes unbanked branches

# Cross Sell and Digital remain the core of our growth strategy in Deposits

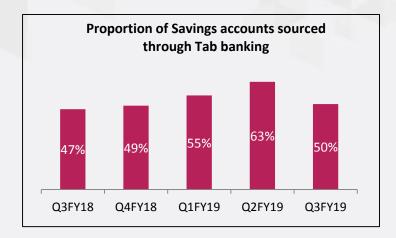


# Strategy elements that have worked well and would be strengthened further

Increase products per customer (PPC)



- Invest in Branches
- Enhance digital experience and service delivery



# **New elements of Strategy**

#### Shift focus from CASA to CASA+RTD

### **SA** growth

#### **Segmented SA strategy**

Focus on Priority, Burgundy, NRI and Government savings

### New engines for growth

- Scale up digital SA
- Leverage other platform businesses of the Bank

### **RTD** growth

Increase penetration in existing SA base

# **CA** growth

#### Do more of the core

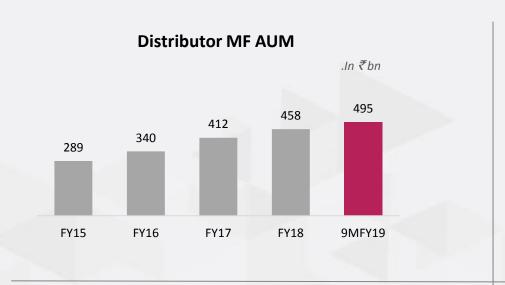
- Leverage Merchant Acquiring Business relationships
- Focus on government business

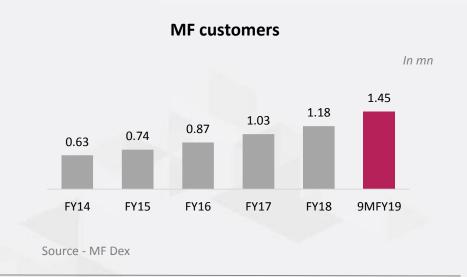
### Digital

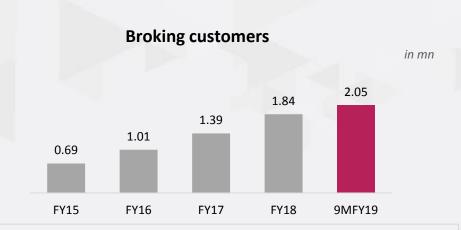
- Simplify onboarding and drive digital activations
- Embed Axis Bank in all digital payments of clients

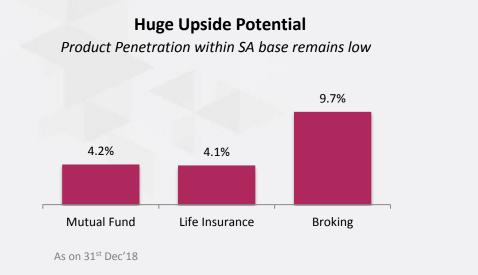
# Axis Bank is now amongst the leading players in the financial AXIS BANK 25 years of progress savings and investment industry











Investing in digital channels: Option to invest, redeem and manage portfolio through Mobile App, Internet Banking and RM tablets

# **Way Forward**



# **Simplify Branch Banking**

- Streamline and strengthen processes across all branches
- Shift focus from CASA to CASA+RTD

# **Cross Sell and deepening**

- Non-SA customers
- Focus on float business
- Increase share of RTD in existing SA base

# **New Customer Acquisition**

- Regular banking channels
- Leverage other platform businesses of the group

Focus on scaling up digital origination of deposits

**Focus on Government segment** 

# **End of Deck**

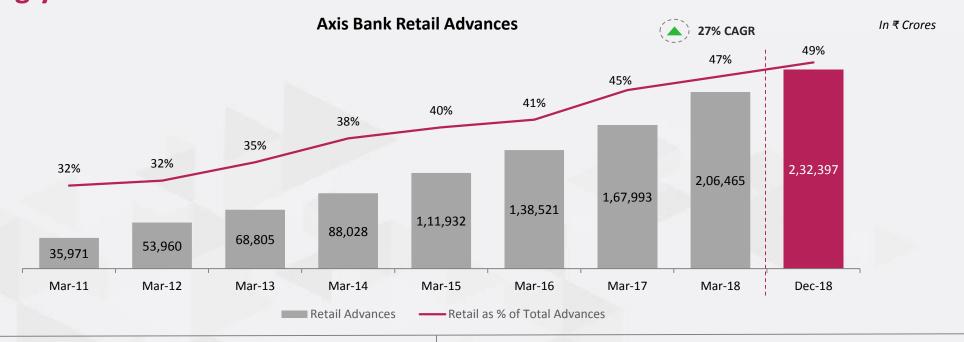


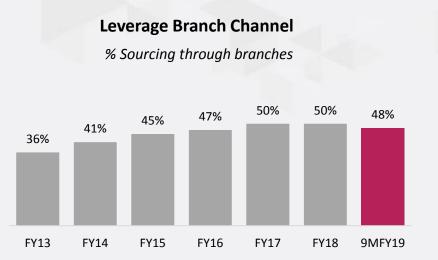




# Axis Bank has grown the Retail Lending portfolio steadily and strongly over the last decade

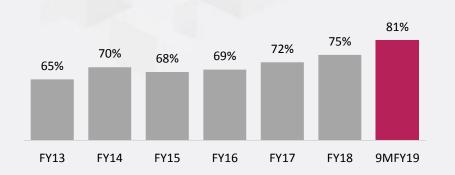






### Focus on cross sell

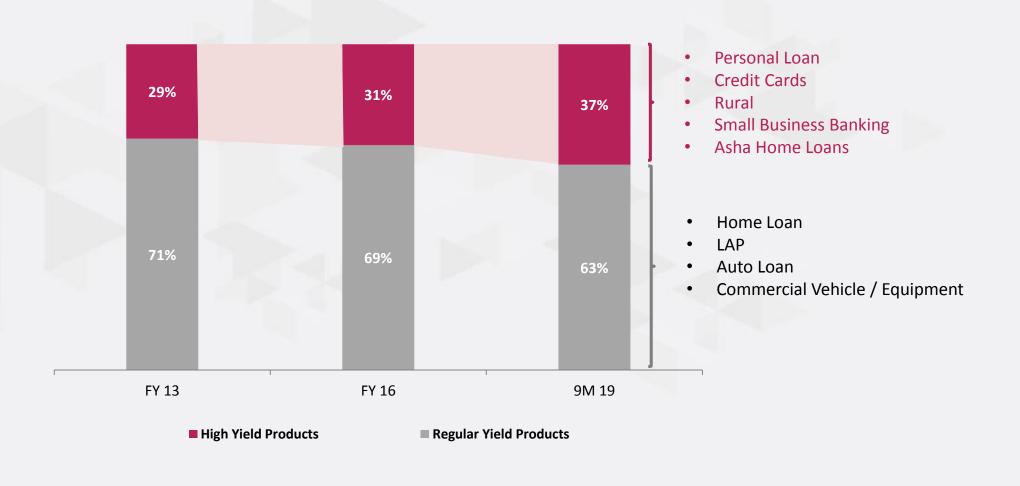
% Sourcing from existing deposit customers of the Bank



# The proportion of higher yielding Retail Lending products has AXIS BANK 25 years of progress consistently increased over the years



# **Retail Lending Portfolio Mix**



# Our Risk Management architecture in Retail works across three lines of defense



### **Choice of business**

#### **Portfolio Choice**

- Enhanced Business Mix Control
- Customer type (ETB/ NTB)
- Channel (Branch / DSA/ Alternate)

**Key focus area:** Originate retail loans from existing deposit customers

#### Core lines of defense

#### **Credit Models**

**Key focus area:** Use of proprietary risk models

# **Credit Policy**

**Key focus area**: Low LTV\* and steady FOIR\* norms

## Final line of defense

# **Monitoring**

- Portfolio Mix
- Scorecard monitoring

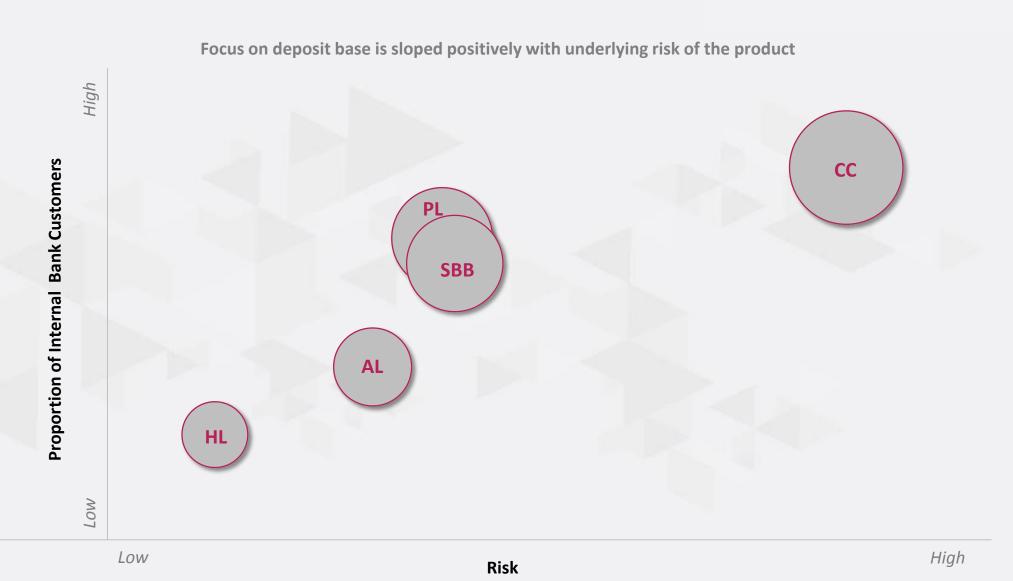
**Key focus area**: Automated Early Warning Systems and Behaviour scorecards

#### **Collections**

**Key focus area**: Analytically optimized queuing strategy and channel selection

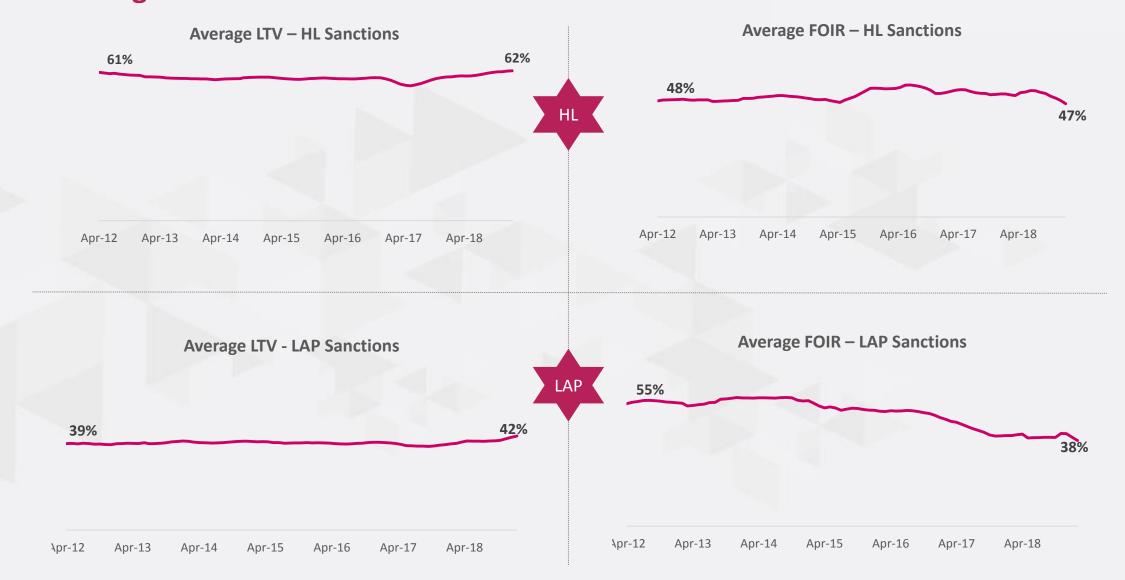
# Higher the risk of the underlying product, the higher is the Bank's reliance on internal deposit customers





# The Bank has held steady low levels of LTV and FOIR for new originations

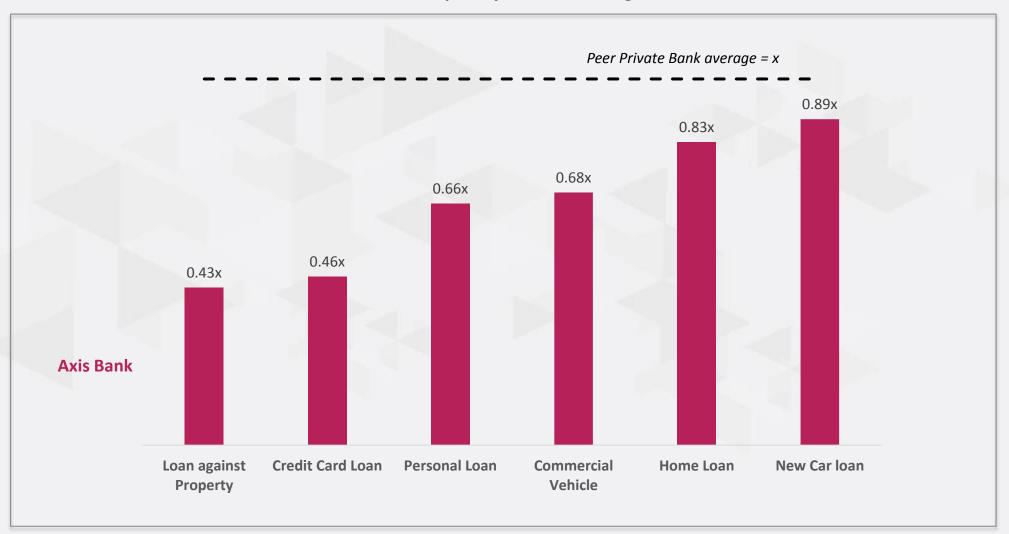




# The portfolio choices and conservative underwriting policies AXIS BANK 25 years of progress have resulted in better risk outcomes than peer average



# **Delinquency benchmarking**



# The Bank adopts conservative NPA recognition and Provisioning norms in retail



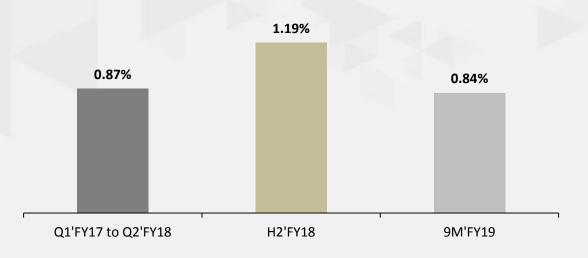
# NPA recognition – Daily stamping

- In H2FY18, the Bank tightened its process for recognition of NPAs in the retail segment
- This move to a more stringent daily NPA recognition has resulted in elevation of gross slippages since Q3FY18
- The increase in net slippages has been modest and has since then stabilized.

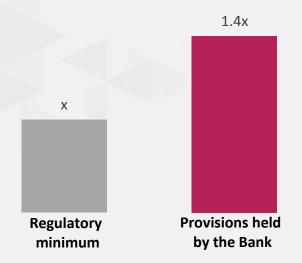
**Provisioning policy on Retail NPAs** 

- The Bank has adopted a provisioning policy more stringent than minimum RBI requirements
- This results in a higher level of provisions than the regulatory minimum

### Net Slippage Ratio in Retail – Impact of Daily Stamping

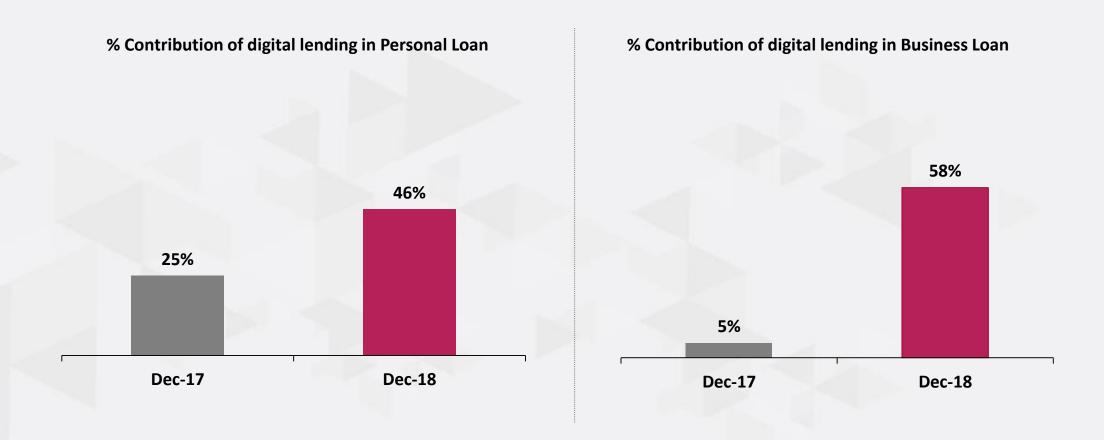


## **Provisions held by the Bank in Retail**



# Digital is becoming increasingly important as a source of account origination in Retail Lending





# AXIS BANK 25 years of progress



# **Home Loan**



# **Loan against Property**



### **Auto Loans**

We are seeing a lot of buyer interest in the affordable and budget homes segment

Consumer's preference is towards fully constructed properties

Incremental yields have improved over the last 6 months

Competition intensity has come off in the past few months on account of slow down by HFC/NBFCs

Balance Transfers have come down

Incremental yields have improved over the last 6 months

Auto loans segment is now dominated by banks

Consumers are doing a lot of research online before finalizing their choice

Used car loans eco system is gradually moving to a more organized set-up

Asha Home Loans has crossed Rs.5000 crores portfolio

2/3<sup>rd</sup> of our incremental home loans are for ready and resale properties

2/3<sup>rd</sup> of our incremental home loan sanctions are for loans less than Rs 30 lacs

73% of our LAP portfolio comprises of the Bank's existing deposit customers

50% of our LAP is originated from the branches

We have maintained consistent LTV of ~40% for our LAP portfolio

Continue to see healthy growth driven by increased bank branch originations from the branches

Used car now contributes 15% of the incremental originations

Cost of acquisition is coming down on account of change in channel mix

# **Focus Growth Areas**



## **Personal Loans**



# **Small Business Banking**



# **Rural Lending**

Personal Loans segment is dominated by banks

High percentage of incremental originations are coming from existing customers for the industry

Analytics being used extensively to offer Personal Loans

Huge potential in MSME segment

Significant competition from banks and NBFC's

Digital foot prints are on the upswing

Healthy traction in some of the rural segments - farm equipment, microfinance, agri value chain

Sharp fall in the commodity business

Credit culture impacted in the farmer loan segment due to loan waiver announcements

100% of the PL portfolio comprises of salaried customers

92% of incremental originations is from existing deposit customers of the Bank

End to end paperless underwriting capabilities contributing 50 % of the incremental disbursements

58% of incremental Business loans are end to end digital

~81% of the incremental originations from existing deposit customers of the Bank

Average ticket size of the portfolio at Rs.18 lacs

Witnessing robust growth in farm equipment, micro finance and rural MSME segments

Offer rural loans from more than 551 districts

Rise in farm loan NPAs for industry and Axis Bank

Axis Bank

# **Way Forward**



# **Continue Core Strategies that has worked well:**

- Sourcing from existing deposit customers.
- Analytics driven underwriting Strategies.
- Leverage branches for Sourcing

Expand cross-sell strategy to cover entire Axis franchise.

### Invest heavily in digital originations:

- Deliver customer experience
- Continuously decrease cost of acquisition.

# Accelerate growth in identified new areas of focus

- Small Business Banking
- Affordable Housing
- Personal Loans

Launch new businesses to cover product white spaces.

Continue to focus and sharpen risk tool kit to deliver outperformance

# **End of Deck**







# Payments businesses play four important roles in a Bank's strategy



1 Face of the franchise





# **Driving profitability**



- Higher credit and debit card usage leads to higher balances in customers' CASA accounts
- Merchant acquiring business brings engaged CA clients with high levels of activity and balances

- Highest penetration among all the Bank deposit customers leading to deepening
- Granular retail businesses with predictable revenue and profit streams
- Among the highest return generating businesses

4 Driving partnerships

# **Cobrands**



# **Usage**



# **Unified Payments Interface**

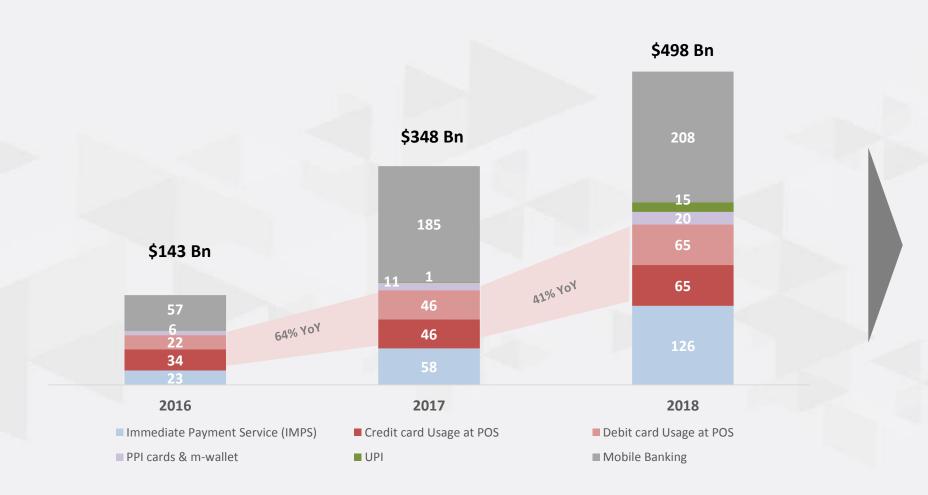


# **Merchant Acquiring Business**



# Retail electronic payments in India are growing at a tremendous pace, which has rubbed off positively on cards businesses

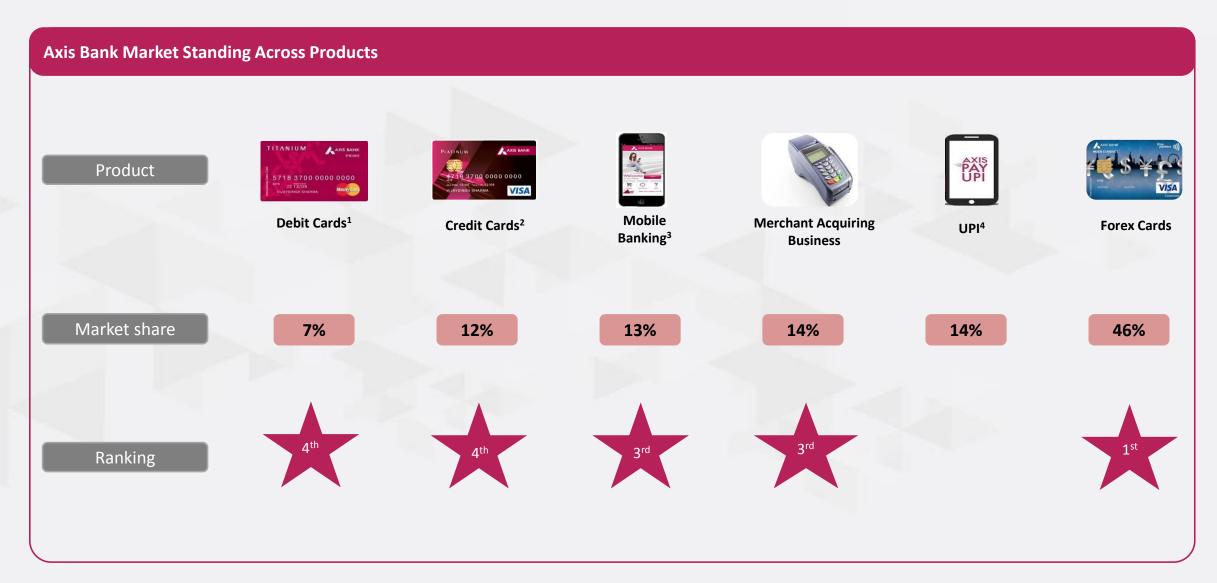




While cards have led the payments in US and wallets have dominated the payment space in China, the payment industry in India can take a very different route.

# Axis Bank has a strong market position across most digital products AXIS BANK 25 years of progress





Source: RBI Jan 2019, Internal Data

<sup>1 –</sup> based on card transaction volumes at point of sale terminals; 2 – based on cards issued

<sup>3 -</sup> based on volumes (RBI Sept. 2018 data), 4 - market share based on volumes, ranking data not available from authenticated sources

# Our Credit Cards business has grown strongly in the last 5 years and is now the 4<sup>th</sup> largest in the country



#### **Featured Cards**



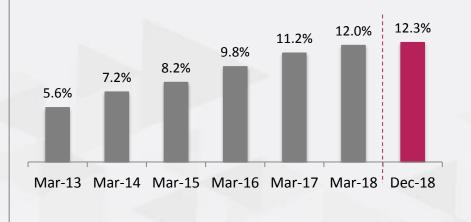
#### **Co-branded Cards**



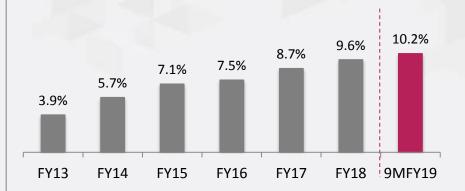
#### **Premium Cards**



## **Credit Cards in Force – Market Share\***



# **Credit Cards Spends – Market Share**



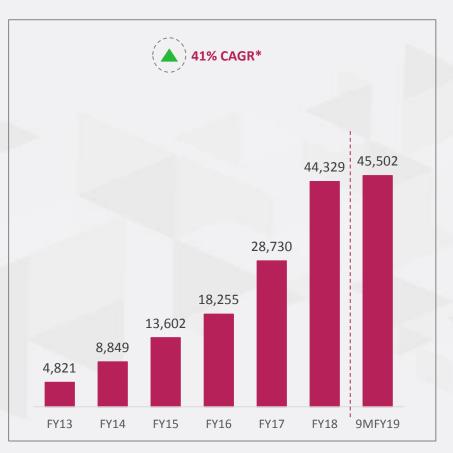
Market share has more than doubled over the last 5 years

# Cards business has delivered consistent strong growth ...

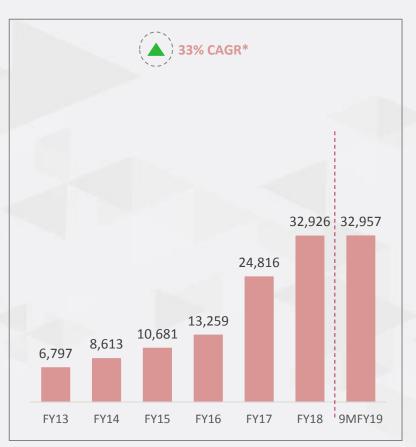


All figures in ₹ Cr

# **Credit Cards Spends**



## **Debit Cards Spends**



## **Merchant Acquiring Throughput**

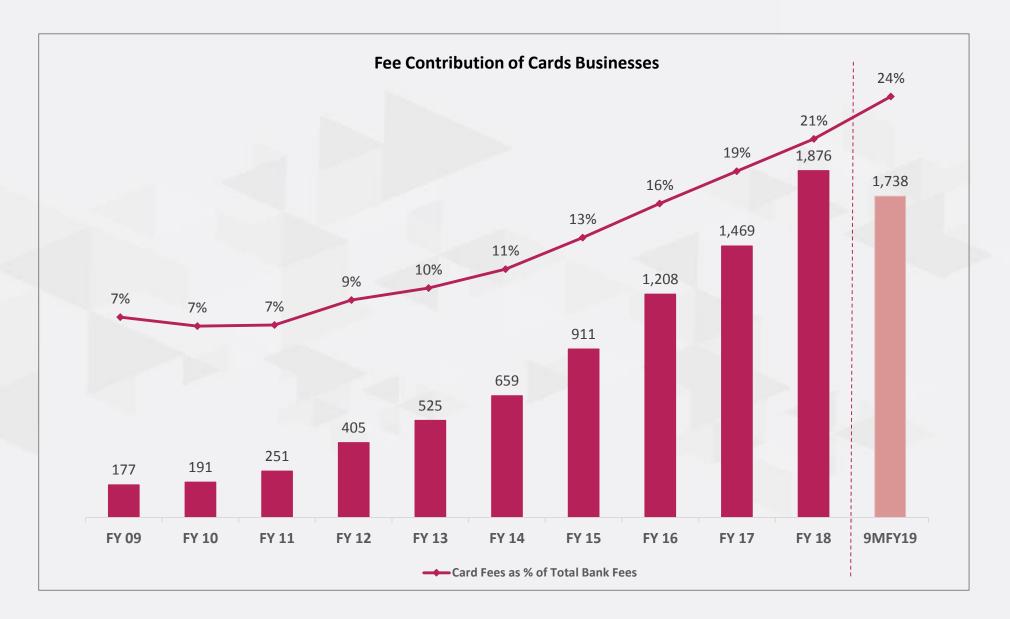


On track to see over ₹2 lakh crore of cards spends going through Axis Bank cards network in FY19

# ...which has resulted in strong fee income contribution over the years



In ₹. Cr



# The Bank has been a leading innovator in payments use cases



### **Innovation**



## **Underwriting & Acquisition**

- Ability to underwrite new to bureau customer 55% of them in portfolio
- Tab based sourcing since 2015



### **Issuing**

- Instant Credit card since Aug 2018
- Leading player in contactless payments 6.5X growth in 10 months



# **Merchant Acquiring Business**

- Single integration for various payment modes like Cards, QR, etc
- Designed for Physical (UNIPoS) and Digital world (UNIPG)
- Bharat QR: India's first of its kind in-home "smart bill pay initiative"



### **Unified Payment Interface:**

#### 1st Indian Bank

- to launch UPI SDK Taxi aggregators
- to launch UPI @ POS Launched with Future Group
- to create API based integration architecture for partner payment Apps



#### **Transit**

- Bangalore Bus Partnership with BMTC
- Transit solutions deployment for Raipur Smart City in progress

# **Business Value**

Ability to card outside tier 1: 60%+ of cards issued outside tier 1 markets

Driving instant card delivery & digital adoption - significant driver of 'digital native' customers' experience and behaviour

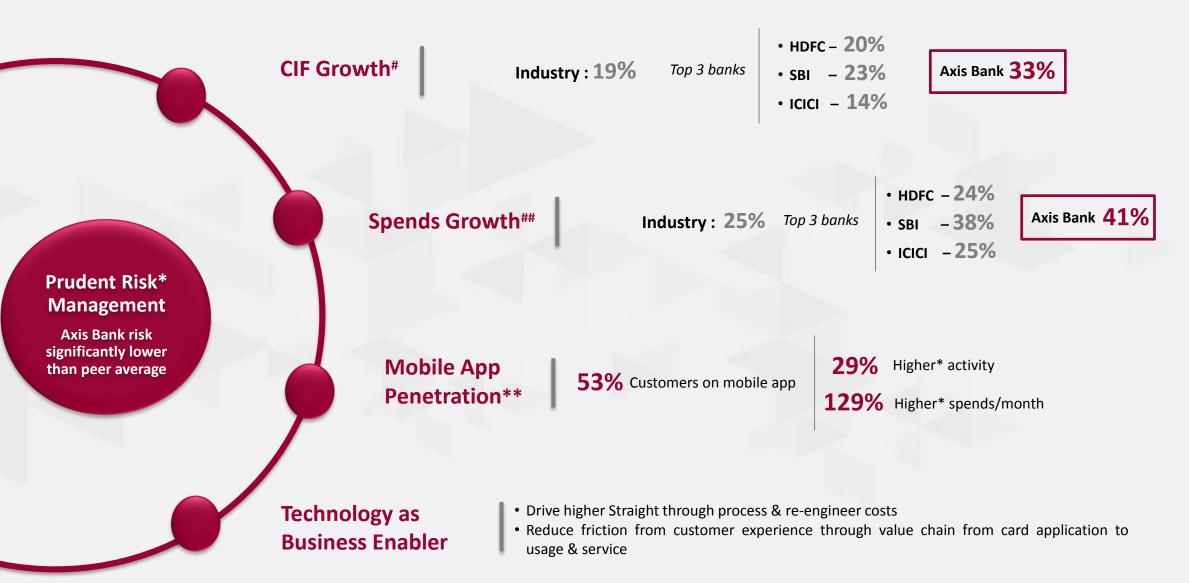
Ability to add features to terminal and service remotely - capability, cost and service reengineering

Preferred partner of choice for large payment apps and merchants

Kochi metro - India's first open loop, inter modal transit solution

# Ambition to scale the leadership charts while following prudent risk management





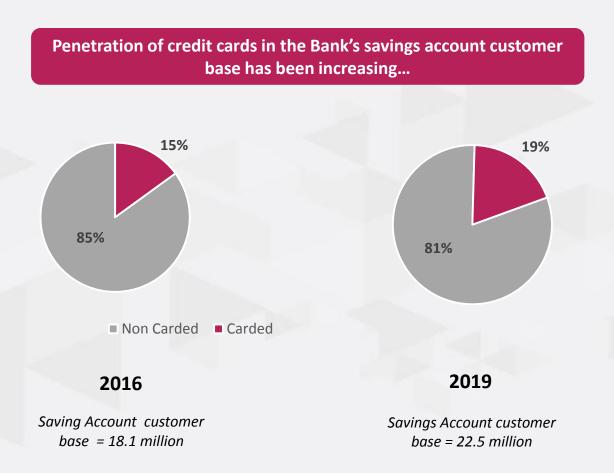
# CAGR calculated Dec18 over Mar14 ##CAGR calculated 9MFY19 over FY14

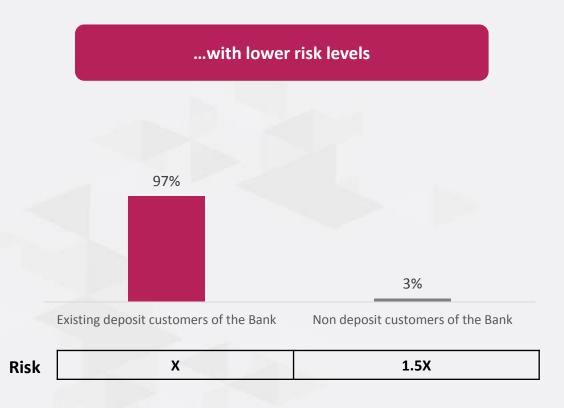
versus those who don't use mobile banking

\*\* In the Bank's Credit Card customer base

# Significant headroom remains for continuing our strategy of acquiring cards customers from the Bank's deposit base







<sup>\*</sup>SA Base excludes ASAP account

# **Way Forward**



# **Expanding the acquisition funnel**

- Cross sell to multiple customer bases within the Bank
- Invest in significant new partnerships for future expansion

# Optimize portfolio profitability and reduce risk

- Upgrades
- Activity rates
- Portfolio actions

# Leverage digital to deliver instant solutions

- Cards onboarding
- Merchant onboarding
- Service

### Transform "initiatives" to "businesses"

- UPI
- Transit

# **End of Deck**





# **Safe Harbor**



Except for the historical information contained herein, statements in this release which contain words or phrases such as "will", "aim", "will likely result", "would", "believe", "may", "expect", "will continue", "anticipate", "estimate", "intend", "plan", "contemplate", "seek to", "future", "objective", "goal", "strategy", "philosophy", "project", "should", "will pursue" and similar expressions or variations of such expressions may constitute "forward-looking statements". These forward-looking statements involve a number of risks, uncertainties and other factors that could cause actual results to differ materially from those suggested by the forward-looking statements. These risks and uncertainties include, but are not limited to our ability to successfully implement our strategy, future levels of non-performing loans, our growth and expansion, the adequacy of our allowance for credit losses, our provisioning policies, technological changes, investment income, cash flow projections, our exposure to market risks as well as other risks. Axis Bank Limited undertakes no obligation to update forward-looking statements to reflect events or circumstances after the date thereof.





**Event Agenda and Presentations** 



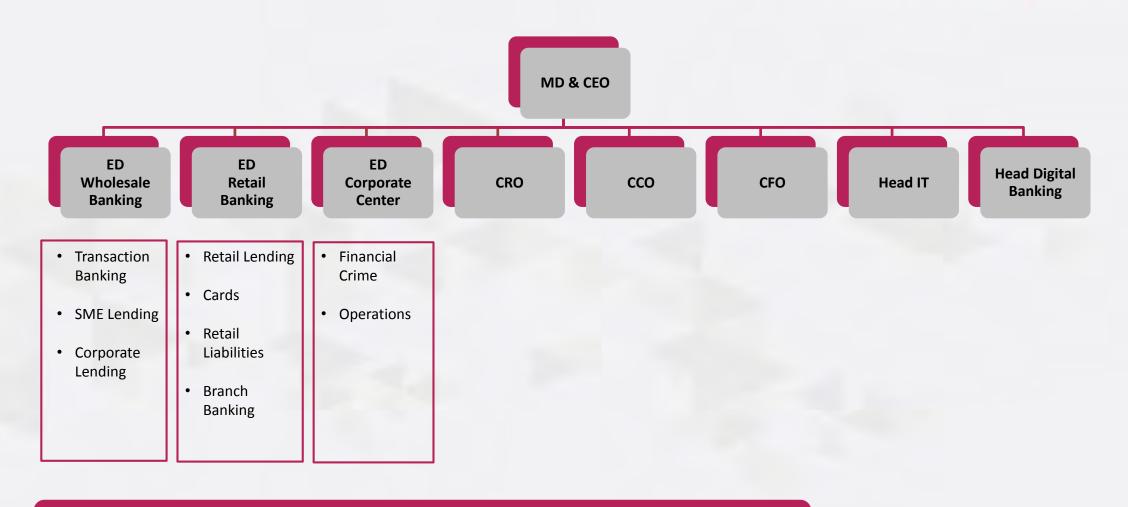
# **Session 3**

Business Analytics
Wealth Management
Subsidiaries
The path to sustainable RoE expansion and
Closing Remarks



# We have invested in a centralized Business Intelligence Unit that provides analytical services to various functions of the Bank

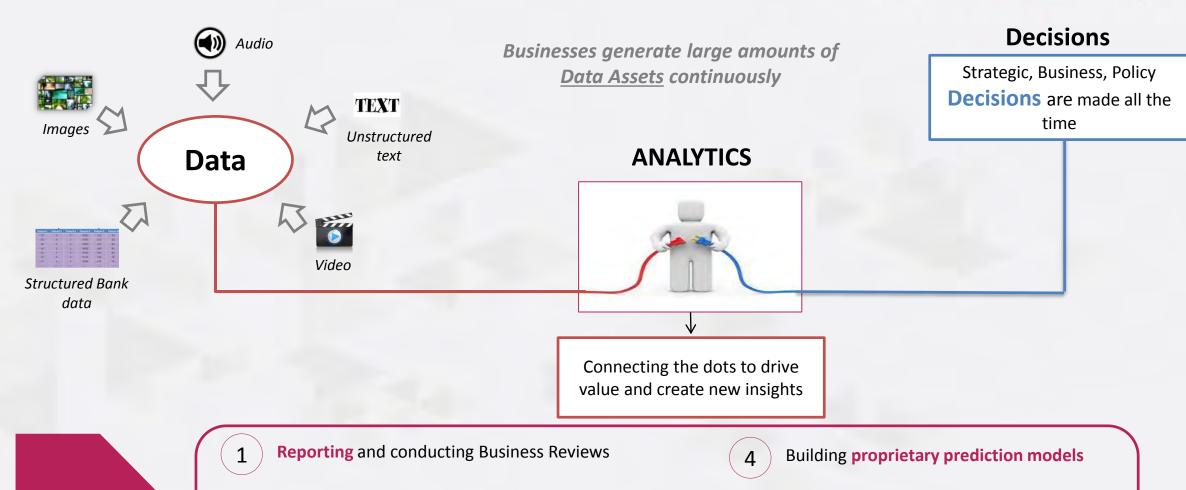




Central Business Intelligence Unit (BIU) team supports various businesses and support functions

# The agenda of the BIU is to monetize data assets of the Bank for risk management, growth, and operational optimization





**Key Areas** 

- 2 Driving business growth through data and insights
- Setting up key analytical infrastructure and delivery systems

Managing risk outcomes through analytical toolkits

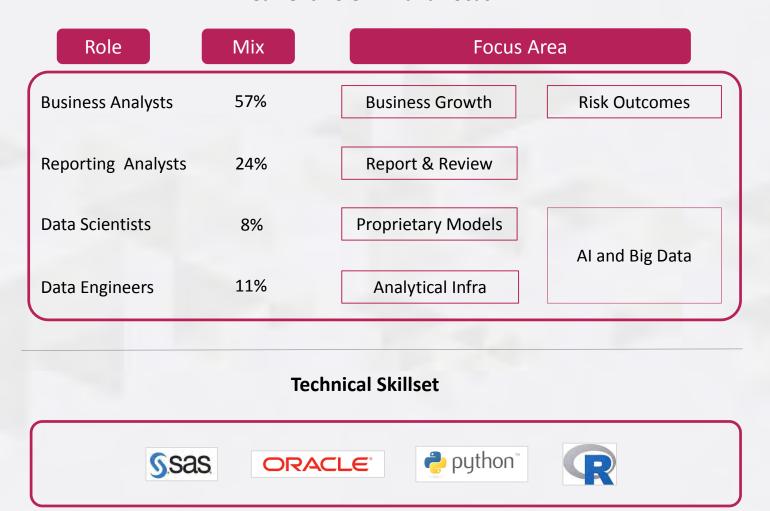
6 Monetizing Al and Big Data proof of concepts

### We have a 300+ member dedicated analytics team

Young, techno-functional group with continuously evolving skillsets



#### **Current Role Mix and Focus**



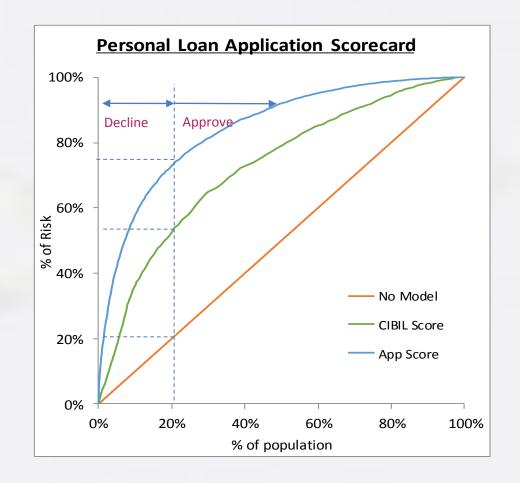
#### **Talent Pool & Features**

- Average employee age of 28 years
- 50% have Masters and Post Graduate degrees
- Large campus recruitment program
  - 20 campus visits
  - Big internship program w PPO
- In-house training program
  - 2,000+ man hours of instructor led training
  - Functional , Technical and Algorithms areas
  - Self paced training partnering with Coursera and Simplilearn
- Hackathons & Contests

## The Bank's proprietary risk scorecards form the core of our risk management strategy in Retail



- Risk scorecards in place for all major products
- Proprietary risk scores = f(Bureau variables, application information, internal bank variables)
- Significant competitive advantage over more vanilla bureau users



# The Bank has a data driven, 'always on' pre-approved lending program



#### Analytics plays a pivotal role in Bank's pre-approved strategy

#### **Data Preparation + Risk Scoring**

- Data Procurement
- Risk Scoring and Eligibility cut-offs



#### **Offer Creation**

- Initial Loan and Credit Limit Amount
- Rate Offer/ Product Offer



#### Marketing

- Channel and Campaign Management
- Customer Personalization



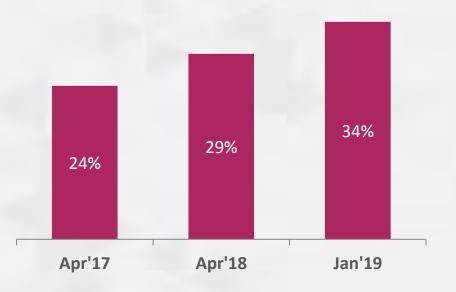
#### **Fulfillment**

- Portfolio Insights
- Feedback into data preparation

#### Significant coverage and revenue generation

#### % of Savings Account customers

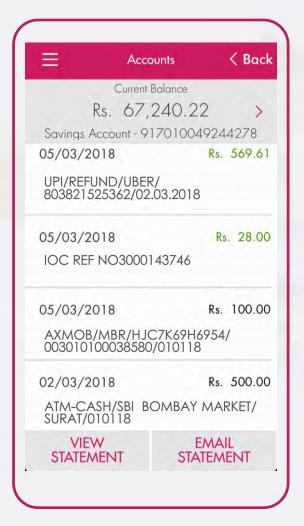
(At least one lending offer available)



# Personalisation and customer UI/UX are emerging as key areas of application of non-traditional analytical techniques

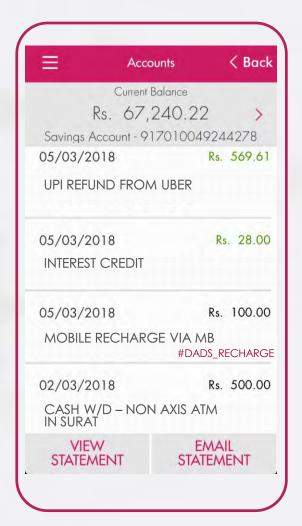


Customer facing transaction narrations were complicated and hard to understand ...





## ... before text mining algorithms entered the scene



# Over the years, the Bank has invested in 3 key pillars to build a world class Analytics team ...



#### **Adoption of Analytics culture**



Senior management sponsorship



Business buy-in



Constant reinforcement

#### **Robust data assets and technology**

- 'Datafication' of processes
- Transform data from raw to suitable for analytics
- Analytics workbench and tool kits
- Robust workflow systems & rules engines

#### Right people & skill mix

- Analytics specialists
- Algorithm experts
- Solid technology team
- Continuous training and sharpening of skillset

## ...with the latest tech architecture to aid new-gen Analytics





# New use cases are being developed that leverage emerging Artificial Intelligence capabilities



#### What does it do?

#### Bank use cases



**Natural Language Processing** 

 Transforms unstructured text into meaningful data

- Self-synthesis of unstructured bank documents
- Chat-bots



**Computer Vision** 

 Intelligently identifies defined objects in images and videos

- Branch and ATM e-surveillance
- Face recognition in case of Re-KYC



**Speech Recognition** 

- Identifies and responds to sound produced in human speech
- Robotic call centers
- Voice authentication

## **Way Forward**



#### **Cost initiatives and Ops Risk**

Drive more value by specifically focusing on cost reduction and operational risk related initiatives

#### **Customer Personalization**

Create and harvest value from our customer personalization platform to drive higher engagement

#### **Deep Learning**

Adopt higher use of Deep Learning networks which have higher prediction than normal Machine Learning techniques

#### 'Think and Do' Agile

- Working as an agile team across different functions
- Use different skillsets business, data science, engineering and technology to solve critical problems in an agile fashion

## **End of deck**

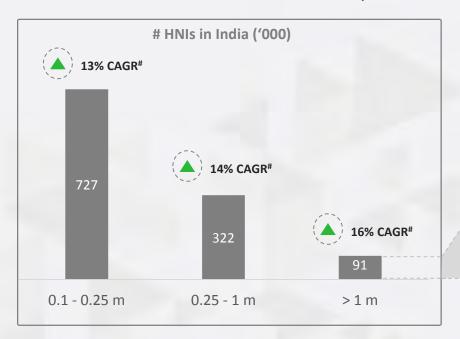




## **India Wealth Management opportunity**

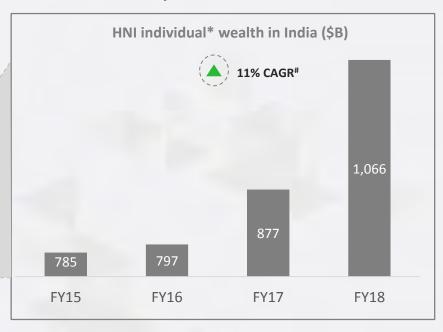


#### 1.1 mn families have wealth > USD 100,000



\*CAGR for the period 2017-2022 Source: BCG Global Wealth 2018 Market Sizing

#### HNI wealth pool in India is over USD 1 Tn



\*HNI Individual with > \$1M in assets. Individual wealth includes financial and physical assets, onshore and offshore.

# CAGR over FY15 to FY18

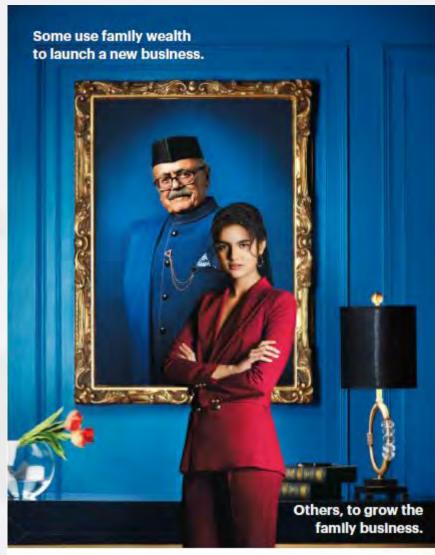
Source: Karvy Wealth Reports, Capgemini Wealth Reports

#### Favorable macro indicators...

- Continued GDP growth of 7-8%, Inflation expected to remain benign
- Various policy measures taken by Government to formalize the economy and improve ease of doing business to encourage entrepreneurship

#### ... are driving greater investment appetite

- Continued investments in financial assets vis-à-vis physical assets
- Increasing focus on growth oriented assets with higher risk-return profile
- Rise of HNIs in Tier 2 cities, along with continued growth in Tier 1 cities



Burgundy

Wealth Management | Axis Bank



The choices you make in life are unique. So are our financial xolutions. Wealth. It's personal.

## Axis Bank is now a leading player in the Wealth Management business



Launched in 2014, Burgundy is positioned well to ride the projected growth in HNIs and their wealth



Relationship Management and Wealth Specialist team of over 500

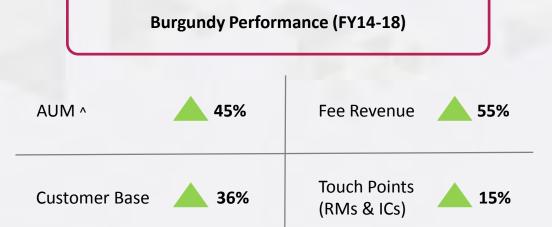


AUM\* over USD 18.5 bn

#### **Eligibility criteria for Burgundy**



- Total Relationship Value of Rs.30 lakhs
- Total Relationship Value of Rs.100 lakhs including holdings in demat account
- Net monthly salary credit of Rs.3 lakhs & above





4th largest Wealth Management business in India

<sup>\*\*</sup> India 2017 AUM League Table, in terms of AUM (\$ Bn)

## We offer a full-service product suite for Burgundy clients



#### **Equity Investments**



- Mutual Funds,
- Discretionary & Non Discretionary Portfolio Management (PMS),
- Axis Direct (ETFs, Stocks & Derivatives, Offshore Equity) \*

#### **Fixed Income Products**



- Bank Fixed Deposits
- Mutual Funds
- Bonds & Debentures
- Company Deposits \*

#### **Alternate Assets**



Alternate Investment Funds (AIF)

#### Commodity



- Sovereign Gold Bonds
- Gold Mutual Funds
- Gold ETF \*
- Commodities Trading \*

#### **Foreign Exchange**



- Forward contracts,
- NRI Pro Deposits ^

#### **Life Insurance**



Term, Endowment, ULIP, Whole Life and other plans offered by our partners

- Max Life Insurance Co.
- LIC of India

#### **General Insurance**



General insurance for Vehicles, Travel, Health, Home and Business offered by

- Tata AIG General Ins.
- · Apollo Munich Health Ins.

#### Will & Legacy Planning



Legacy Planning – assistance in creation of a Will or Trust for succession or Estate Planning

#### Research based product solutions – synergies from in-house group expertise

#### **Economic Research**

Senior Economist supported by a team of 5 analysts tracking Global and Indian macro economic indicators

#### **Equity Research**

Research team at Axis Capital and Axis Securities provides regular equity investment ideas and derivative strategies

#### **Product Due Diligence**

Investment Research team brings investment product ideas and solutions after a detailed due diligence

#### **Mutual Fund Selection**

A scientifically designed AMC and scheme selection process which includes a mix of quantitative and qualitative factors.

## **Way Forward**



#### Leverage customer base across Axis Bank

- Retail Bank premium customers
- Salaried senior and middle management of corporate clients
- New economy companies and their promoters
- Promoters of small and medium enterprises
- Large and Mid corporates Promoters, treasury and management team

#### Become primary banker for existing base of clients

- Provide financial products and services across the full life cycle of the customer's personal and business needs
- Leverage advanced analytics to drive customer activity and sales
- Continue to broaden customer relationships, grow revenues with focus on recurring income and execute with discipline and prudent risk management

#### **Leverage Tech to deliver products and increase efficiencies**

- Complete front-to-back automation for client on-boarding, product offering and servicing
- Continue to enhance our digital capabilities, increasing efficiency and self-service capabilities
- Further improve digital tools provided to relationship managers, an optimal mix of 'High Touch' and 'High Tech'

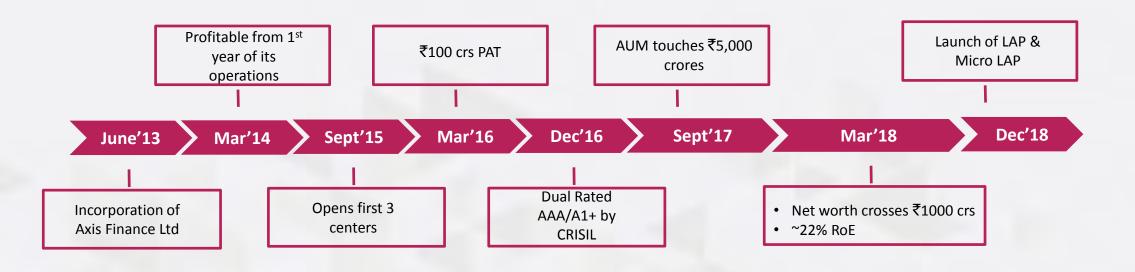
## **End of Deck**





## Axis Finance was setup to complement the Bank's Lending business





#### **Key principles driving the Business**



#### **Expand Product reach**

Offer products which are not part of the Bank's offerings



#### **Expand customer segment reach**

Onboard customers across segments that are not catered to by the Bank



#### **Leverage Axis Brand**

Maximize Group's
Revenue by leveraging
Axis Brand/ Reach



#### 360° Solution

Provide 360° solution to clients by offering an alternate lending platform



## **Key highlights**



#### **Current product offerings**

#### **Retail Loans**

## Funding to HNIs against portfolio of shares, property

- LAS(Shares, MF) > Rs. 20 lacs
- ESOP Funding
- Loan against property

#### LAS

#### **Exposure to top company scrips**

- Listed, Large & select Mid cap
- Short Term Exposure
- AA & above comprise 88% of all loans

#### **Structured Corporate Loans**

## Established groups + Exclusive asset charge + Defined exit strategy

- Acquisition Funding, PE Buyouts, Special Situation Funding
- Short to Medium Term exposure
- Clearly defined exit mechanism

#### **Real Estate Loans**

#### 80% exposure towards late-stage projects

- Focused on ready inventory/last-mile Real Estate assets
- Early stage to select reputed developers

#### **Book Highlights**

- AUM Growth CAGR (FY 2014-18) of 55%
- Wholesale & Retail mix of Advances 83% & 17%

#### **Financial Highlights**

- Income and PAT Growth CAGR (FY 2014-18) of 76%
   & 59% respectively
- RoE of 18% for 9MFY19
- Rated AAA & A1+ by CRISIL & ICRA

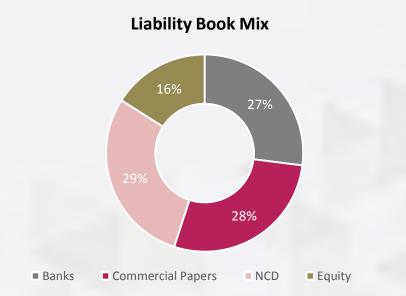
#### **Asset Quality**

 NPA ratio of 0.36% as at end of Dec'18. We have had only 1 account as NPA so far

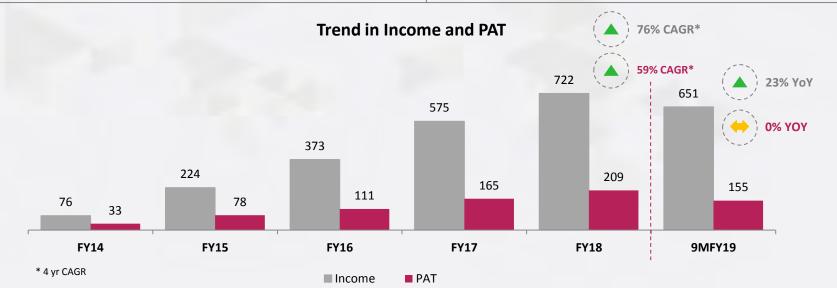


## Significantly reduced our dependency on Market funding











In ₹ Crs.

## **Way Forward**



#### **Build retail book**

Introduction of new products for granularity:

- Collateralised loans
- Low-ticket mortgage
- Consumer durables

#### Industry leading technology infrastructure

- Move towards paper less sourcing (to the extent allowed by regulator)
- Improve productivity of sales force by providing tech-enabled tools

#### **Strong ROE**

- High credit ratings leading to efficient cost of borrowings
- Deliver best-in-class Returns

#### **Future proof the business**

• Effective Risk Management through robust credit score cards and defined guardrails



## **End of Deck**

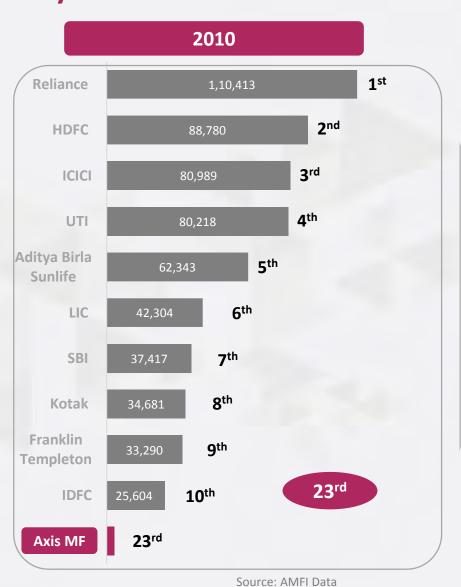






# Axis Mutual Fund has been the fastest growing AMC in the industry ...







Source: AMFI Data as on Dec-2018



# ... and has climbed to 9<sup>th</sup> position in the AUM leader board, with one of the highest equity mix



Rank	AMC Name	*Q AAUM Dec-18	1 Year Growth	5 Year Growth	Asset mix – (Equity/Hybrid)
1	HDFC	334,964	16%	25%	49%
2	ICICI Prudential	307,735	5%	26%	51%
3	SBI	264,353	29%	33%	65%
4	Aditya Birla Sun Life	242,344	1%	23%	38%
5	Reliance	236,256	-3%	18%	52%
6	UTI	157,586	3%	16%	48%
7	Kotak Mahindra	139,427	16%	31%	43%
8	Franklin Templeton	109,525	10%	20%	51%
9	Axis	81,622	11%	41%)	60%
10	DSP	79,245	-9%	19%	54%
11	L&T	69,080	15%	32%	58%
12	IDFC	64,583	-10%	9%	36%
13	Tata	49,293	1%	20%	46%
	Total	2,362,041	6%	22%	51%

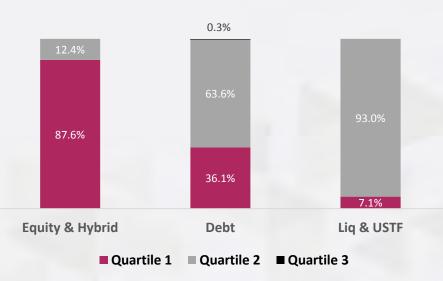
<sup>\*</sup>Q AAUM – Quarterly AAUM AMFI as on Dec-2018, Source: Asset mix – AMFI Data as on Dec-2018



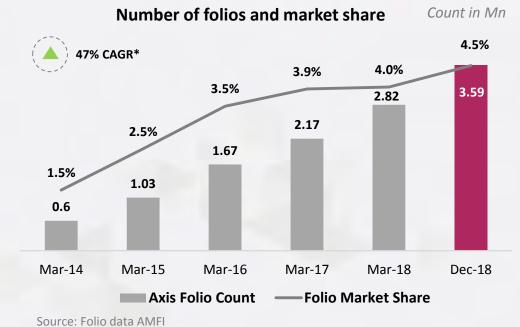
## Strong fund performance, gaining market share



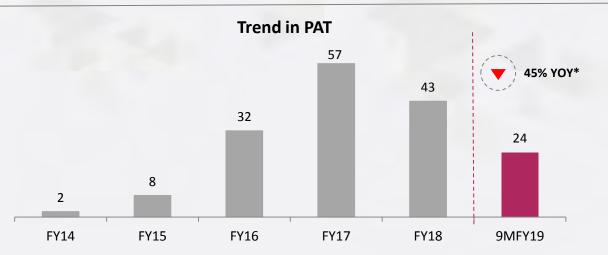
#### **Fund performance (relative to peer group)**



Source: Performance data MFI and Ace, quartile performance refers to each fund's relative performance to peers in its category



Source: Folio data AMFI \*CAGR over last 5 years



Amount in ₹Crores

## **Way Forward**



**Consistent investment performance** 

**Invest to achieve Top 5 level scale** 

**Broad-base distribution channels** 

**Enhance PMS/AIF capabilities** 



## **End of Deck**

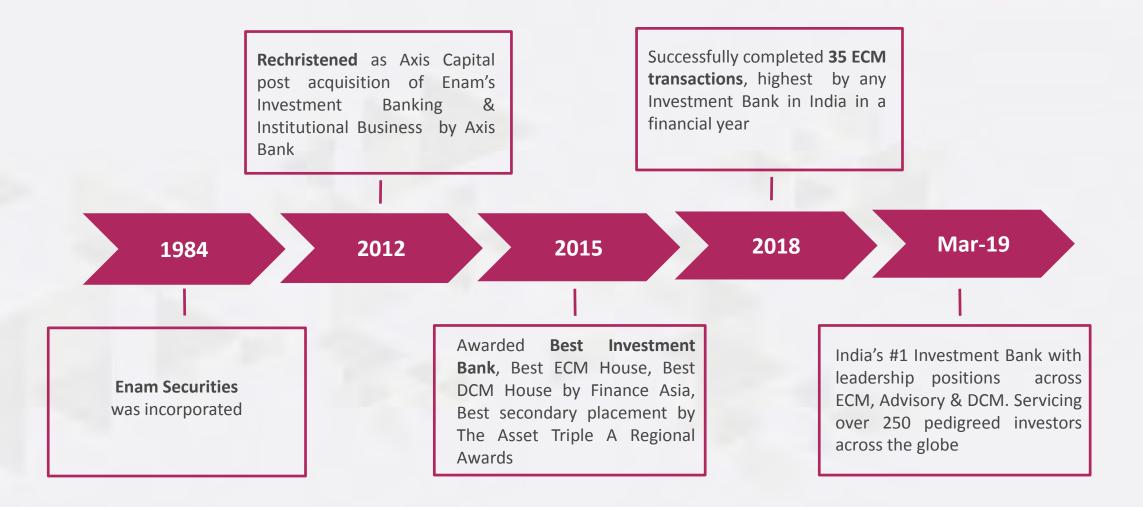






## Axis Capital – India's Leading Investment Bank & Equity House







## **Key Highlights**

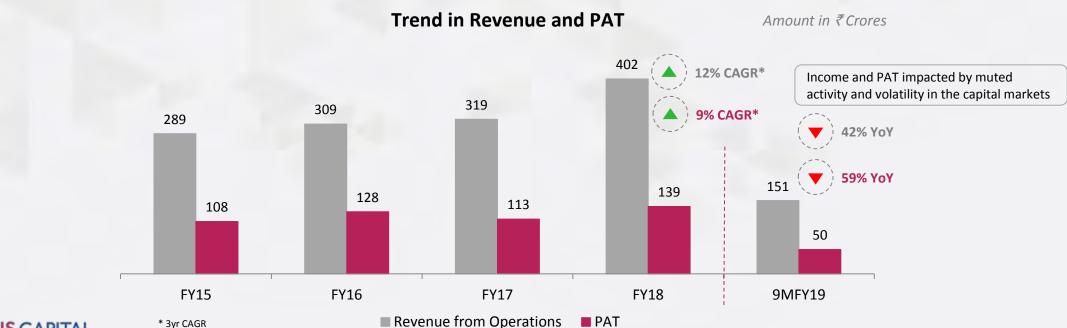


#### **INVESTMENT BANKING**

- Awarded Best Investment Bank in India for the 4th year in a row (2018, 2017, 2016, 2015) by Finance Asia
- Awarded Best ECM House in India for 2018, 2015 and 2013 by Finance Asia
- Our M&A bankers were ranked #1 and #2 M&A advisors in Asia Pacific region in 2018 by Mergermarket

#### **INSTITUTIONAL EQUITIES**

- Strong relationships built over last 20 years with all key investors across geographies
- Existing coverage of over 230 stocks representing more than 75% of Market Cap
- Our on ground, in-depth research followed by investors across the globe





## **Way Forward**



#### **Investment Banking**

- Maintain leadership in the ECM space
- Build leadership position in M&A Advisory
- Offer solutions across products to large corporate houses
- Reduce market dependent cyclicality of IB business by increasing share from non-ECM / broking business
- Emerge as the preferred full-service Investment Bank

#### **Institutional Equities**

- Be the preferred research house for top-tier funds globally
- Provide top quality corporate access to investors across the globe
- Favored Equity House for executing and placing large blocks
- Sought-after investor conference destination



## **End of deck**







## The Journey so far...

2010 2011 2012 2013 2018 Crossed over 2 million Axis Sales Ltd renamed to Launched 'Axis Direct' Introduced Mobile Added Mutual customer base. Axis Securities & Sales a Digital platform for funds and equity trading app for all our Reached #6 in Unique Ltd. capital market SIP on the digital customers Regulatory approvals to investments trading clients. platform Launched Commodities in start broking operations MCX and NCDFX

#### **Growth through Innovation**



Industry 1<sup>st</sup> AI-based chatbots



Real Time mailers
International awarding winning
marketing campaign



Award Winning Web Portal
Simple UX/UI

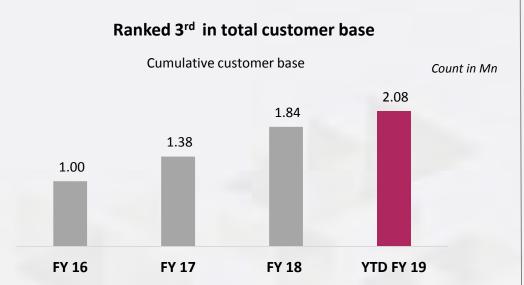


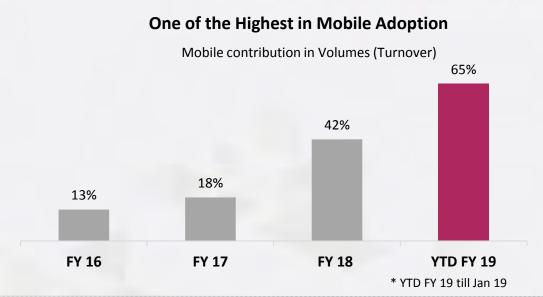
**Wise Advisor 2.0**Leverage technology to provide simplified investment solutions



Strong growth in customer addition, mobile adoption and revenue over the years











### **Way Forward**



#### **Acquisition**

Onboard customers through digital channels and open trading account of customers with any Bank account

### **Improve Market Share**

Increase daily trading volumes by on boarding high volume customers through customized plan

### **Digital Prowess**

Hyper-personalized mobile app and web trading platform leveraging Machine Learning and Artificial Intelligence

#### **Investment Products**

Enhance product bouquet by introducing products like Currency Trading, Debt Advisory, Online Insurance, to increase products per customer



## **End of Deck**

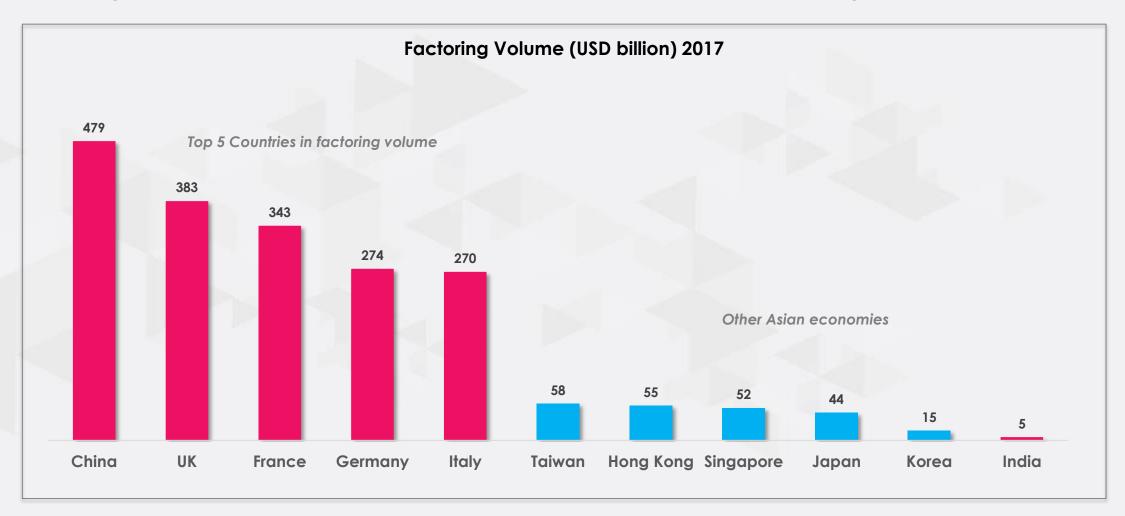




# Factoring solutions for Small Businesses are a large market opportunity globally



Factoring is seen as a convenient solution to help MSMEs optimize cash flows without taking loan liabilities



Source: FCI statistics, 2015-16; RBI white paper on TReDS

# A.TReDs is an online, 3-party ecosystem facilitating interaction between MSMEs, their buyers and financiers





### Large Corporates (Buyer)

Buys good from seller and has to pay at the end of the credit period

Enables buyers to accept liers invoices uploaded by sellers



buyer to financier from



Enables financiers to buy invoices from sellers and also settles the payment from financier to seller



#### **MSMEs (Sellers)**

Provides goods / services to large buyers and raises invoice on buyer for payment after credit period

#### **Financiers**

"Buys" seller's invoices and assumes ownership of receivables to be paid by buyer on due date

Incorporated in May-16, A.TReDs is a 67/33 joint venture with mjunction



## Government is strongly backing TReDS for SMEs and MSMEs AXIS BANK 25 years of progress



In Oct-17, Government of India mandated all major PSUs, PSBs to join TReDS platform to facilitate payments to MSME vendors.

In Budget February 2018, Govt. has announced integration of TReDS with GSTN

The Public Procurement Policy wants 20% of all procurement by PSUs to be made from MSEs.

Government notification dated 2<sup>nd</sup> Nov 2019 directed companies having turnover of more than Rs 500 crores to register on TReDs

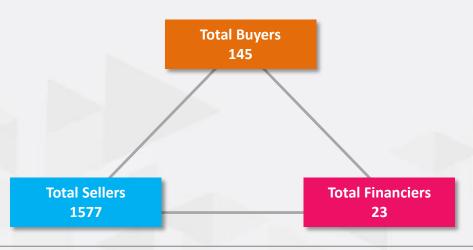
A.TReDs is one of only 3 entities, and the only Bank promoted entity, to be licensed by RBI to set up a TReDs platform

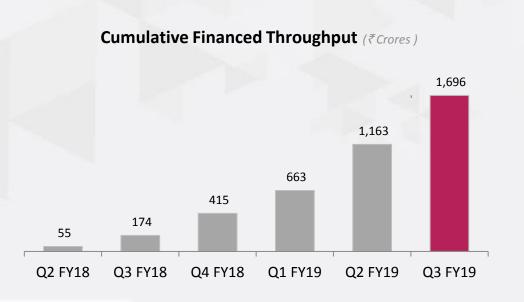


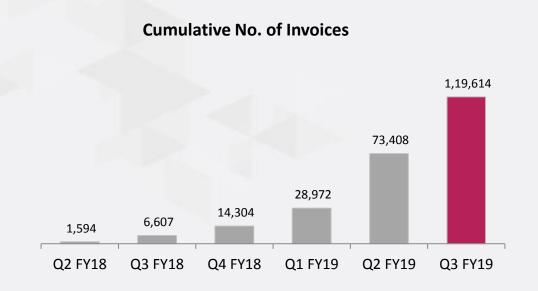
# Business volumes at A.TReDs have been growing very strongly



### **Invoicemart Ecosystem – Current participation**









### **Way Forward**



 Leverage technology to maintain leadership position

- Drive order of magnitude growth to achieve scale
- Deliver segmented solutions and differentiated client servicing

Achieve operating break even



### **End of Deck**





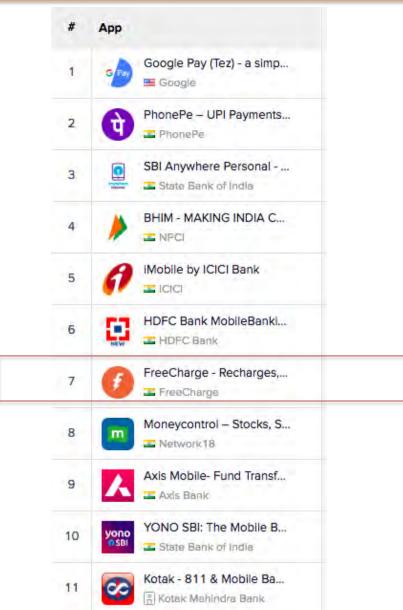


## FinTech Landscape



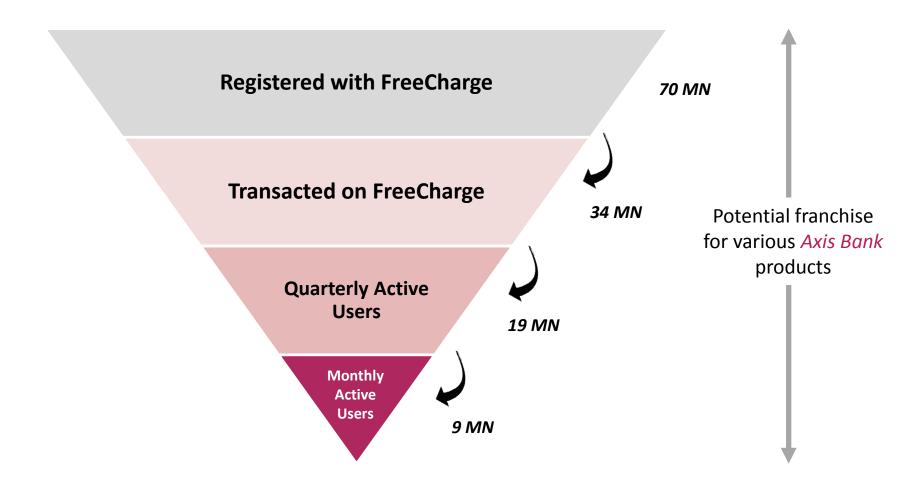


## Freecharge is among the top non-bank financial services platforms in the industry ...





### ... With a significant consumer franchise



**12 million** new users have been registered since acquisition by Axis Bank





## FC Is primarily targeted at the young, upwardly mobile segment of the population which is 'Digital Native' but underserved.

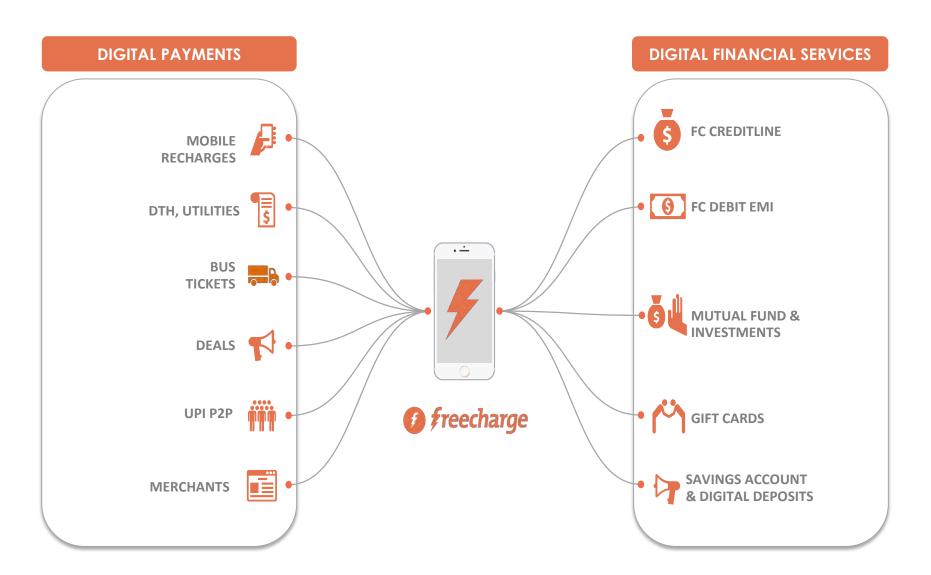
### Who is the customer?

- **18-30 years** in age
- Annual income of Rs. 2
  - -6 lakh
- Urban

Why is this segment interesting for Freecharge?	
Large segment, under penetrated by banks	
18%	of banked population
1%	of banking revenues
2.9	products per customer
Digitally native	
<i>50%</i> +	of consumers use digital for financial services
Consumers of tomorrow	
Up-migrating	into higher income group consumers Rs. 6-25 lakh is fastest growing population segment



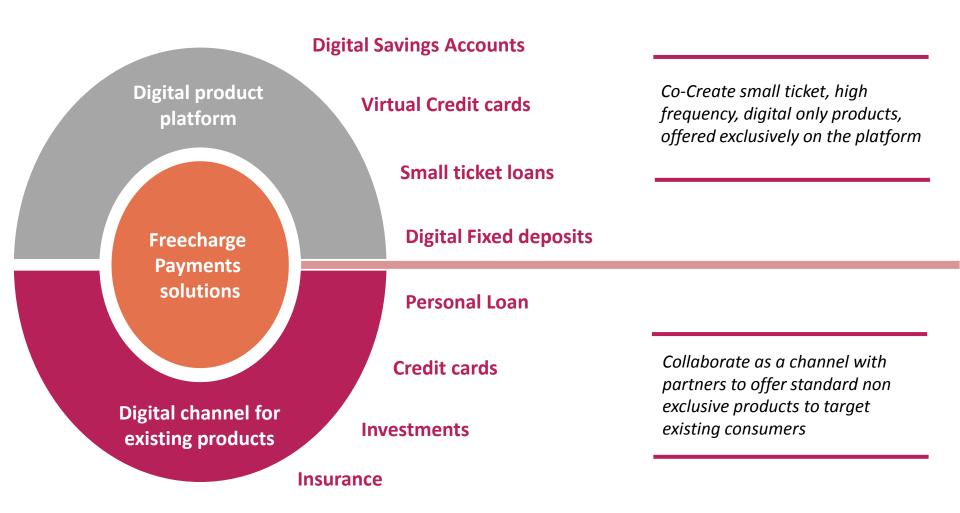
## Post acquisition by Axis Bank, Freecharge has focused on evolving from a leading Digital payments platform to a Digital Financial Services platform







The portfolio of financial services solutions is being expanded steadily to offer multiple propositions...







## Our goal is to combine the product breadth of Axis Bank and the capability of a fintech to create value for the Bank and Freecharge customers

Target young, digitally native, mass







Tailor products and experiences for them







Next generation experimentation

## Thank you





# After consistently strong delivery till FY16, the Bank's ROA and ROE have fallen sharply



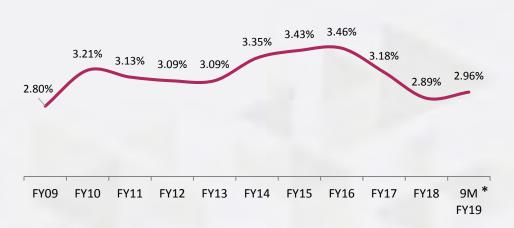


# The fall in ROA has been driven by both revenue lines and credit costs





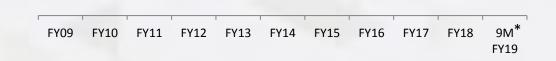
NII margin has reduced by ~ 50 bps from peak levels



#### **Fee to Average Assets**

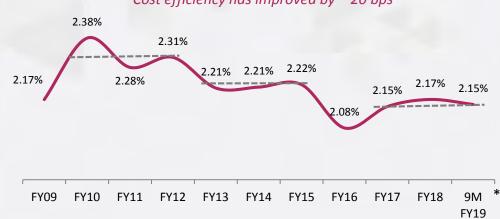
Fees have reduced by ~ 50 bps from peak levels





#### **Cost to Average Assets**

Cost efficiency has improved by ~ 20 bps



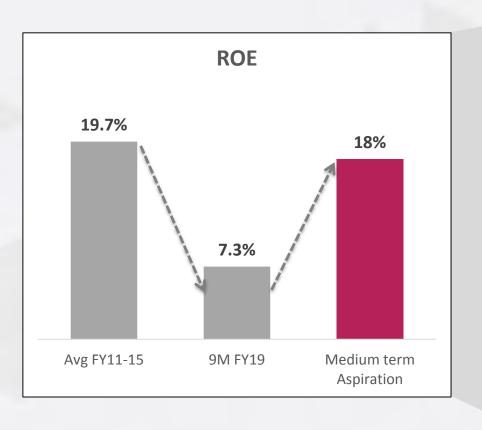
#### **Provisions to Average Assets**

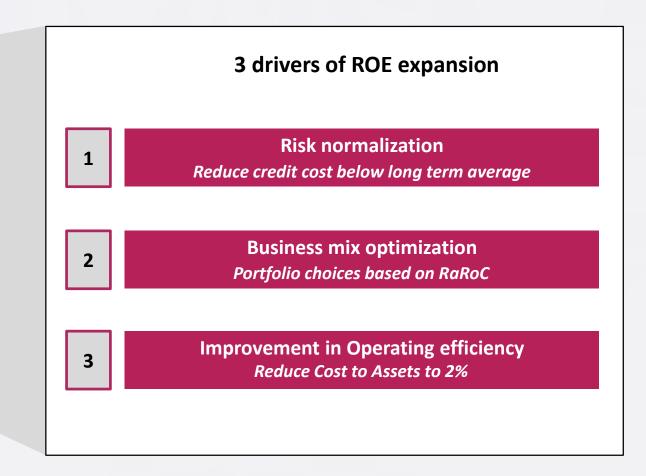
Provisions are ~110 bps over FY 11-16 levels



# The path to sustainable ROE expansion would be driven by three elements



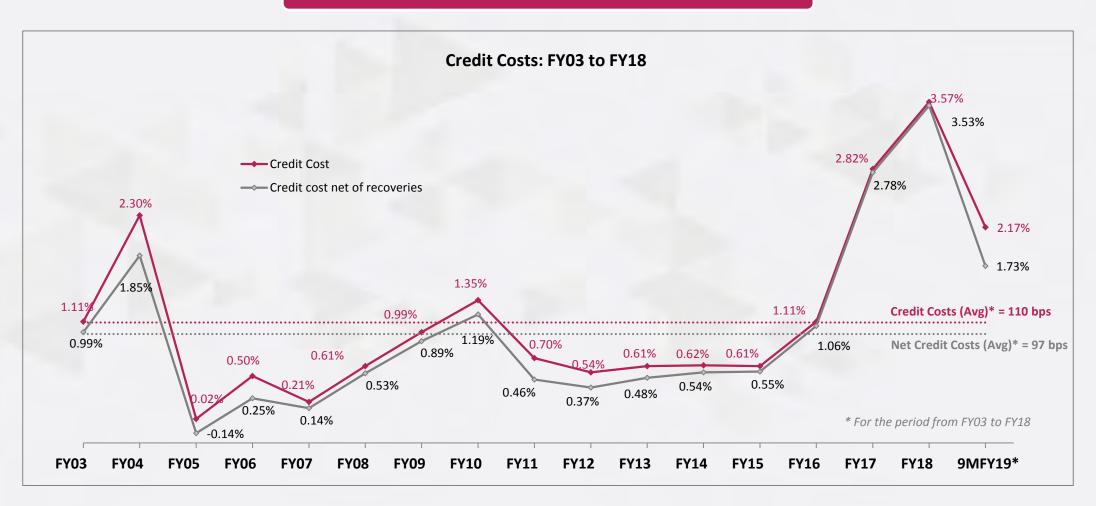




# The most significant driver of ROE improvement is likely to be credit cost normalisation



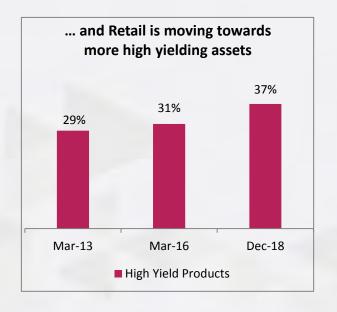
We expect credit costs to reduce below long term average



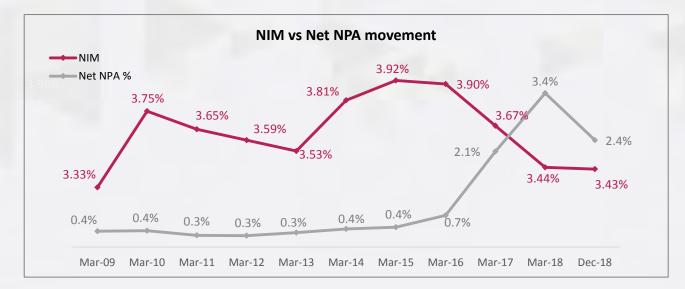
# Business mix optimization is expected to be yield accretive and positive for margins







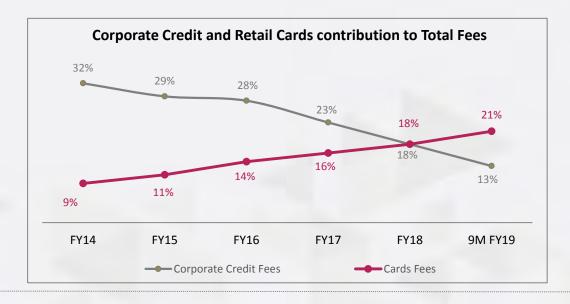
More Retail + More high-yield Retail + Mid-Corporate = Support for yield



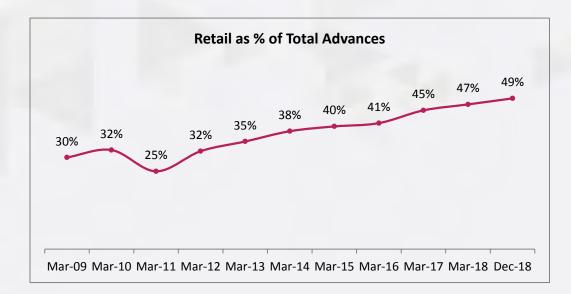
As NPA ratios normalize, some of the margin loss is likely to be regained

# There is opportunity for improvement in both Fees and Costs





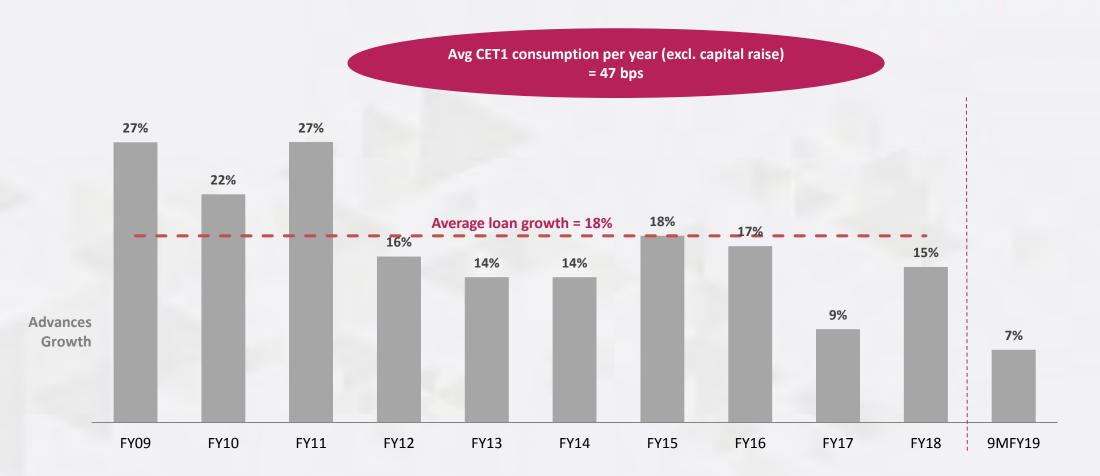
As Corporate Credit fees have declined, Cards business has emerged as a strong fee source



Even as Retail has increased in proportion, Cost / Asset ratios have been stable. With stability in Retail proportion going forward, room for C/A to improve.

### **Capital Ratios remain healthy to support growth**





- As at end of Dec-18, the Bank's CET1 level stood at 11.77%
- Expect around 48 bps accretion to CET1 on conversion of warrants issued as part of the previous capital raise

### **End of deck**



### **Safe Harbor**



Except for the historical information contained herein, statements in this release which contain words or phrases such as "will", "aim", "will likely result", "would", "believe", "may", "expect", "will continue", "anticipate", "estimate", "intend", "plan", "contemplate", "seek to", "future", "objective", "goal", "strategy", "philosophy", "project", "should", "will pursue" and similar expressions or variations of such expressions may constitute "forward-looking statements". These forward-looking statements involve a number of risks, uncertainties and other factors that could cause actual results to differ materially from those suggested by the forward-looking statements. These risks and uncertainties include, but are not limited to our ability to successfully implement our strategy, future levels of non-performing loans, our growth and expansion, the adequacy of our allowance for credit losses, our provisioning policies, technological changes, investment income, cash flow projections, our exposure to market risks as well as other risks. Axis Bank Limited undertakes no obligation to update forward-looking statements to reflect events or circumstances after the date thereof.