

# Aadhar Housing Finance Ltd.

07 May 2024

## IPO Note

Sector: NBFC

[SUBSCRIBE](#)

### Company data

ISSUE OPENS	8 <sup>th</sup> May 2024
ISSUE CLOSES	10 <sup>th</sup> May 2024
PRICE BAND	Rs 300 - 315
PRE- ISSUE EQUITY SHARES	394mn
POST- ISSUE EQUITY SHARE	426mn
FRESH SHARES TO BE ISSUED	31mn
OFFER FOR SALE	63mn
ISSUE SIZE	Rs 30bn
MKT CAP (at upper band)	Rs 134bn

### Financial Snapshot (Rs mn)

Y/E March	FY21	FY22	FY23	FY24P
NII	6,110	7,771	9,771	12,768
PPP	4,875	6,161	7,700	10,148
PAT	3,401	4,449	5,948	7,839
EPS (Rs)	8.0	10.4	13.4	17.8
EPS Gr. (%)	79.6	30.8	33.7	31.8
BV/Sh (Rs)	63	74	87	103
<b>Ratios</b>				
NIM (%)	4.9	5.5	6.1	6.7
C/I ratio (%)	35.8	36.3	38.1	36.4
RoA (%)	2.6	3.2	3.7	4.3
RoE (%)	13.5	15.2	16.6	18.7
Payout (%)	0.0	0.0	0.0	0.0
<b>Valuations</b>				
P/E (x)	39.5	30.2	23.6	17.7
P/BV (x) *	5.0	4.3	3.6	3.1

Note: FY24P based on 9MFY24; \*P/BV at ~2.5x (post capital raise)

### Shareholding pattern (%)

	Pre-Issue	Post-Issue
BCP Topco VII Pte. Ltd.	98.7	76.7
ICICI Bank	1.3	1.3
Public	0.0	22.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>

#### Pradeep Agrawal

pradeepagrawal@systematixgroup.in  
+91 22 6704 8024

#### Pravin Mule

pravinmule@systematixgroup.in

#### Ronak Dhruv

ronakdhruv@systematixgroup.in

## Prominent affordable housing player at attractive valuations

**Aadhar Housing Finance Limited (AHFL)** is a leading player (with ~4% market share in overall HFC group) in affordable housing finance space with AUM of Rs 198bn. The company is majorly owned by BCP Topco VII Pte. Ltd (Blackstone Group) and benefits from its strong parentage and expertise and have access to funding at competitive rates. The company mainly focuses on low income housing segment (< Rs 1.5mn loans) serving low to mid income segment. The average ticket size of loans are Rs 1 mn with average LTV of ~58%. Salaried segment comprises ~57% of total AUM while self employed segment comprises of ~43% as of Dec'23. As of Dec'23, Aadhar has presence in 20 states through a network of 487 branches and offices. The distribution network is widely spread with no single state contributing more than 14% AUM as of Dec'23. Top 5 states Maharashtra (14%), Uttar Pradesh (13%), Rajasthan (13%), Gujarat (11%) and Madhya Pradesh (10%) together constitutes >62% of AUM. NII grew at 32% CAGR over FY20-23, led by 15% CAGR in AUM and healthy NIMs. Aided by lower credit cost (< 50bps), earnings grew at 46% CAGR over FY20-23. As a result, the company made a healthy RoA / RoE of 3.6% / 16.5% in FY23 and 4.2% / 18.4% in 9MFY24. A seasoned & experienced management team with strong corporate governance enhance confidence. Recommend – [SUBSCRIBE](#).

**Favourable demographics + low mortgage penetration = Huge growth opportunity**  
India's housing loan industry is in a sweet spot and should continue to benefit from the country's favourable demographics. Rising urbanisation (from 17.6% in 1955 to 35.0% in FY20), b) increasing number of households (2% CAGR) due to nuclearisation and c) higher share of earning population in India (~60% are in the age bracket of 18 to 59 years) will likely continue to drive demand for housing loans. Individual housing loans now constitute ~16% share in the overall systemic credit (Rs 180trn), having meaningfully improved from ~11% a decade ago. Despite healthy pace of growth, mortgage penetration (mortgage to GDP ratio) in India remains sub optimal at ~11%, presenting a huge growth opportunity for HFCs.

**AHFCs strong business model is a cocktail of high pricing power and low credit cost**  
Affordable Housing Finance Companies (AHFCs) cater to a relatively riskier customer profile which leads them to charge a premium on interest. This is why they have higher yields compared to normal housing finance players. Despite their riskier segment focus, AHFCs' asset quality was healthy even during the COVID period bearing testimony to their robust underwriting practices. This explains why these companies' RoA profile ranges at a healthy 3%-7% (Ex CANF), which in our view should stay largely intact over FY23-26E. As these companies scale up their businesses, their leverage should improve and boost their RoE profiles.

### Significant player in AHF segment; well placed to capture market share

Aadhar Housing Finance Limited (AHFL) is a leading player (with ~4% market share in overall HFC group) in affordable housing finance space with AUM of Rs198bn. It has diversified presence with 487 branches spread across 533 districts in 20 states. The branches are evenly spread across states which reduces geographic concentration risk as no single state contributes >14% of AUM. Loan growth and subsequently improvement in market share to be aided by a) rising urbanization and continued expansion of its physical and digital presence across India b) increasing customer base.

Investors are advised to refer disclosures made at the end of the research report.

**Strong promoter, experienced & seasoned management team enhance confidence**

The company is backed by Blackstone Group (global investment firm) through BCP Topco VII Pte. Ltd and will continue to hold ~77% stake post offer. Hence, benefits from blackstone's resources, relationships and expertise. The company also has a strong, experienced and dedicated management team, having an average experience of more than two decades in the financial services industry.

**Valuation:** Affordable Housing Finance Players have managed to maintain/ improve their return profiles through higher yields, lower cost of funds and well managed asset quality. Continued branch expansion in existing and newer geographies coupled with government focus would continue to support their growth. Aadhar Housing Finance (AHFL) is a bet on low ticket size affordable housing segment. Given the current size of AHFL, the company is well positioned to capture the huge untapped opportunity in <Rs1.5mn ticket size segment, via deeper penetration in new geographies. In addition, experienced management team with strong track record along with backing of Blackstone boost confidence. At the upper end of the price band (Rs 300-315), the issue is valued at ~2.5x Dec'23 BV (including capital raise) with RoA of ~4% and RoE of ~18%, which looks attractive. Hence, we recommend investors to subscribe this issue.

## Snapshot of key players in the affordable housing segment

### Exhibit 1: Business profile

Particulars (FY23)	AADHAR		APATUS		HFFC		AAVAS		India Shelter Finance	
	FY23	9MFY24	FY23	FY24	FY23	9MFY24	FY23	FY24	FY23	9MFY24
AUM (Rs mn)	172,230	198,650	67,380	87,220	71,980	90,137	141,667	173,126	43,594	56,090
1-year growth (%)	16.5	19.9	30.1	29.4	33.8	33.5	24.8	22.2	41.8	41.9
3-year CAGR (%)	14.6	-	28.4	29.0	25.8	-	22.0	22.3	42.1	-
5-year CAGR (%)	16.7	-	36.7	31.2	39.6	-	28.3	23.8	40.3	-
<b>AUM mix - by product (%)</b>										
Housing loan	78	76	58	60	87	86	70	69	57	58
Non - housing loan	22	24	42	40	13	14	30	31	43	42
<b>AUM mix - by customer (%)</b>										
Salaried and professionals	59	57	29	26	70	68	40	40	30	29
Self-employed	41	43	71	74	30	32	60	60	70	71
<b>AUM mix - on book/ off book (%)</b>										
On book	100	100	100	100	85	-	100	100	100	100
Off book	0	0	0	0	15	-	0	0	0	0
<b>Network details</b>										
Branch (Nos.)	479	487	231	262	111	123	346	367	183	215
Employee (Nos.)	3,663	3,885	2,405	2,918	993	1236	6,034	-	2,709	3,319
Customers (Nos.)	172,228	198,625	107,000	133,499	77,512	90,851	187,149	-	58,552	-
<b>No. of States</b>	20	20	5	6	13	13	12	13		
<b>Key States as % of AUM</b>	Uttar Pradesh – 14% Maharashtra – 14% Gujarat – 11% Madhya Pradesh – 10%	Uttar Pradesh – 14% Maharashtra – 14% Gujarat – 11% Madhya Pradesh – 10%	Tamil Nadu – 43% Andhra Pradesh – 35%	Tamil Nadu – 37% Andhra Pradesh – 40%	Gujarat – 33% Maharashtra – 14% Tamil Nadu – 14% Telangana – 9%	Gujarat – 33% Maharashtra – 13% Tamil Nadu – 14% Telangana – 9%	Rajasthan – 30-35% Maharashtra – ~15% Madhya Pradesh – ~15% Gujarat – ~15%	Rajasthan, Maharashtra, Gujarat & Delhi contribute ~80-82%	Rajasthan – 31% Maharashtra – 18% Madhya Pradesh – 15%	Rajasthan – 31% Maharashtra – 17% Madhya Pradesh – 13%
<b>Product details</b>										
ATS (Rsmn)	0.9	1	0.8	1	1	1.14	0.8	1.02	1.1	1
Portfolio yield (%)	12.8	14	17	17.3	13.1	13.5	13.1	13.1	14.9	14.8
<b>Company details</b>										
Year of incorporation	2010 *		2009		2010		2011		1998	
Year of listing	-		2021		2021		2018		2023	
Promoter stake	Total Stake: 100% BCP Topco VII Pte.Ltd (an affiliate of Blackstone) – 98.7%  ICICI Bank – 1.3%	Total Stake: 100% BCP Topco VII Pte.Ltd (an affiliate of Blackstone) – 98.7%  ICICI Bank – 1.3%	Total stake: 62.2% Munuswamy Anandan – 19.3%	Total stake: 61.1% Munuswamy Anandan – 19.3%	Total stake: 30.2% True north fund VLLP – 18.2%	Total stake: 23.6% True north fund VLLP – 14.2%	Total stake: 39.1 Kedaara capital – 23.0%	Total stake: ~27 Kedaara capital – 16.0%	-	Total stake: 48.3 Anil Mehta – 1.5%
Auditor	Walker Chandiok & Co LLP		T R Chadha & Co LLP		Deloitte Haskins & Sells		Walker Chandiok & Co LLP		T R Chadha & Co LLP	
Credit Rating	CARE: AA/Stable ICRA: AA/Stable BRICKWORKS: AA/Stable	CARE: AA/Stable ICRA: AA/Stable	ICRA: AA-/Stable CARE: AA-/Stable	ICRA: AA-/Stable CARE: AA-/Stable	IND RA: AA-/Stable CARE: AA-/Stable ICRA: AA-/Stable	IND RA: AA-/Stable CARE: AA-/Stable ICRA: AA-/Stable	ICRA: AA/Stable CARE: AA/Stable	ICRA: AA/Stable CARE: AA/Stable	CARE: A+ ICRA: A+	CARE: A+ ICRA: A+

Source: Company, Systematix Institutional Research, Note: Aadhar Housing Finance Private Ltd was incorporated in 2010

## Company Background

- Aadhar Housing Finance Private Limited was incorporated in 2010 and later amalgamated with DHFL Vysya in 2017 and subsequently its name changed to Aadhar Housing Finance Limited (AHFL). In June 2019, BCP Topco VII Pte. Ltd (which is controlled by a private equity fund managed by Blackstone Group) acquired majority stake by infusing Rs ~13bn and currently holds 98.7% in AHFL.
- Aadhar Housing Finance Ltd (Aadhar) is the largest (in terms of AUM & Networth) affordable housing finance player focused on low ticket size loans (Rs < 1.5mn) primarily housing loans and LAP. Aadhar offer loans for residential property purchase and construction; home improvement & extension loans; and loans for commercial property construction & acquisition.
- Aadhar has ~4% market share in overall HFC group with AUM of Rs 198bn as of Dec'23. The company mainly focuses on low income housing segment serving low to mid income segment. The average ticket size of loans are Rs 1 mn with average LTV of ~58% (as of Dec'23). Salaried segment comprises ~57% of total AUM while self employed segment comprises of ~43% as of Dec'23.
- As of Dec'23, Aadhar has presence in 20 states through a network of 487 branches and offices. The distribution network is widely spread and no single state contributes more than 14% AUM as of Dec'23. Top 5 states Maharashtra (14%), Uttar Pradesh (13%), Rajasthan (13%), Gujarat (11%) and Madhya Pradesh (10%) together constitutes >62% of AUM.

### Exhibit 2: Key Milestones of Aadhar Housing Finance

Year	Particulars
<b>FY11</b>	Incorporation of Pre-merger AHFPL
<b>FY12</b>	Pre-merger AHFPL Crossed 1,000 home loan disbursements
<b>FY14</b>	AUM of pre-merger AHFPL crossed Rs 5bn
<b>FY15</b>	AUM of pre-merger AHFPL reached Rs 10bn
<b>FY17</b>	Pre-merger AHFPL opened 100th branch customer base reached 49,000
<b>FY18</b>	Merger of DHFL Vysya Housing Finance Ltd with Pre-merger AHFPL
<b>FY19</b>	AUM crossed Rs 100 bn raised Rs 7 bn through a maiden public offering of NCDs
<b>FY20</b>	Customer base crossed 1,50,000; acquired by the Blackstone Group in June 2019
<b>FY22</b>	Customer base crossed 2,00,000; reached Rs 148bn AUM
<b>Dec-23</b>	AUM Reached Rs 199bn AUM

Source: RHP, Company, Systematix Institutional Research

**Exhibit 3: Key financial parameters**

Particulars	FY21	FY22	FY23	9MFY23
Live Accounts (including assigned and co-lent loans) (nos)	182,471	204,135	233,228	255,683
Number of branches and sales offices (nos)	310	332	469	487
Average ticket size (Rs mn)	0.9	0.9	0.9	1.0
<b>AUM (Rs mn)</b>	<b>133,270</b>	<b>147,780</b>	<b>172,230</b>	<b>198,650</b>
- Retail AUM (Rs mn)	133,252	147,767	172,230	1,98,650
- Retail AUM as % of total AUM (%)	85	82	78	76
Gross Retail NPA (%)	1.1%	1.5%	1.2%	1.4%
Net Retail NPA to Retail AUM (%)	0.7%	1.1%	0.8%	1.0%
Net Worth (Rs mn)	26,928	31,466	36,976	42,491
Profit after tax before exceptional item (Rs mn)	3,401	4,449	5,643	5,479
Profit after tax (Rs mn)	3,401	4,449	5,448	5,479
Return before exceptional item on Average Total Assets (%)	2.6%	3.2%	3.5%	4.2%
Return before exceptional item on Equity (%)	13.5%	15.2%	16.5%	18.4%
Debt to Total Equity ratio (x)	3.9	3.4	3.3	3.1
CRAR (%)	44.1%	45.4%	42.7%	39.7%
Average yield on Gross Loan Book (%)	13.2%	12.8%	12.8%	14.0%
Average cost of Borrowing (%)	8.2%	7.2%	7.0%	7.6%
Net Interest Margin (%)	5.8%	6.9%	8.0%	9.0%
Cost to Income Ratio (%)	35.8%	36.3%	38.1%	36.2%

Source: RHP, Company, Systematix Institutional Research

**Exhibit 4: Key Management**

Name	Designation	Profile
<b>Mr Deo Shankar Tripathi</b>	Executive Vice Chairman	<ul style="list-style-type: none"> <li>Bachelor's and master's degree in Science and cleared the examination for a diploma in Public Administration.</li> <li>He has been associated with the company since January 17, 2015 and prior to joining Aadhar he was associated with pre-merger Aadhar Housing Finance Private Ltd. (AHFPL)</li> <li>Earlier he held the position of MD &amp; CEO Aadhar Housing Finance Ltd.</li> </ul>
<b>Mr Rishi Anand</b>	MD & CEO	<ul style="list-style-type: none"> <li>Post Graduate Certification in Business Management</li> <li>He has over 25 years of work experience in financial services. Earlier he was associated with Aadhar as COO.</li> <li>Prior to joining Aadhar, he has worked with ICICI Bank, GE Countrywide Consumer Financial Services Ltd, BHW Birla Home Finance Ltd, Reliance Capital &amp; AIG Home Finance India Ltd.</li> </ul>
<b>Mr Rajesh Viswanathan</b>	Chief Financial Officer	<ul style="list-style-type: none"> <li>Bachelor's degree in commerce and he is a qualified chartered accountant cost and works accountant.</li> <li>He has several years of experience in accounting, finance, strategy, planning, taxation, treasury, audit, and managing investor relations.</li> <li>Prior to joining Aadhar, he was associated with A F Ferguson &amp; Co, Mahindra &amp; Mahindra Limited, DSP Financial Consultants Limited, KPMG Bahrain, Bajaj Allianz Life Insurance Corporation Limited, Bajaj Finance Limited &amp; Capital Float.</li> </ul>
<b>Mr Sreekanth V N</b>	Chief Compliance Officer	<ul style="list-style-type: none"> <li>Bachelor's degree in commerce and law. He is a qualified CS and has several years of experience in handling secretarial functions.</li> <li>Before Aadhar he was associated with ICICI Bank, Firestone International Private Ltd. He has also worked for Bureau of Police Research &amp; Development, Ministry of Home Affairs and Department of Supply, Ministry of Commerce</li> </ul>
<b>Mr Anmol Gupta</b>	Chief Treasury Officer	<ul style="list-style-type: none"> <li>Bachelor's degree in commerce (Hons.) and is a qualified chartered accountant.</li> <li>Prior to Aadhar he worked with BHW Birla Home Finance Limited and as the Accounts Officer.</li> </ul>
<b>Mr Nirav Shah</b>	Chief Risk Officer	<ul style="list-style-type: none"> <li>Bachelor's degree in commerce and qualified Chartered Accountant. He has cleared the exam of Certified Information Systems Audit.</li> <li>He has worked with Deloitte Haskins &amp; Sells, ICICI Prudential Life Insurance Company Limited and Tata Capital Housing Finance Limited.</li> </ul>
<b>Mr Hayyaksha Ghosh</b>	Chief Data Officer	<ul style="list-style-type: none"> <li>Master's of science degree in physics and post graduate diploma in management</li> <li>He has earlier worked with various organizations like Infosys Technologies Ltd, Mindwave Solutions Pte. Limited (Singapore) etc.</li> </ul>
<b>Mr Anil Nair</b>	Chief Business Officer	<ul style="list-style-type: none"> <li>Master's degree in commerce and business administration</li> <li>He has previously worked with Bata India Ltd, MIRC Electronics Ltd, ICICI Bank, DHFL, Aspire Home Finance.</li> </ul>

Source: RHP, Company, Systematix Institutional Research

## Offer details

- **The issue:** Fresh issue of 31.7mn shares (Rs 10bn) and Offer for Sale of 63.5 mn shares (Rs 20bn).
- **Primary objective:** Augmenting equity capital base to meet future capital requirements towards onward lending and general corporate purpose.

### Exhibit 5: Shareholding pattern

Shareholding	Pre Issue	Post Issue
BCP Topco VII Pte. Ltd.	98.7	76.7
ICICI Bank	1.3	1.3
Public	0	22.0
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>

Source: RHP, Company, Systematix Institutional Research

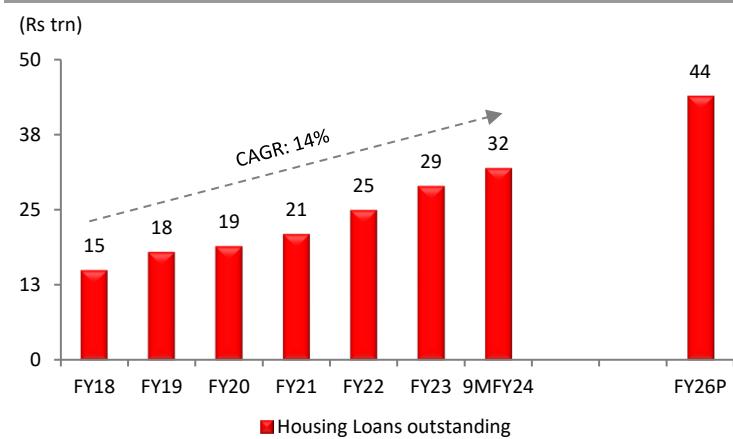
## Industry overview

### Housing scenario in India

#### Housing Finance segment to clock 13-15% CAGR over FY23 to FY26

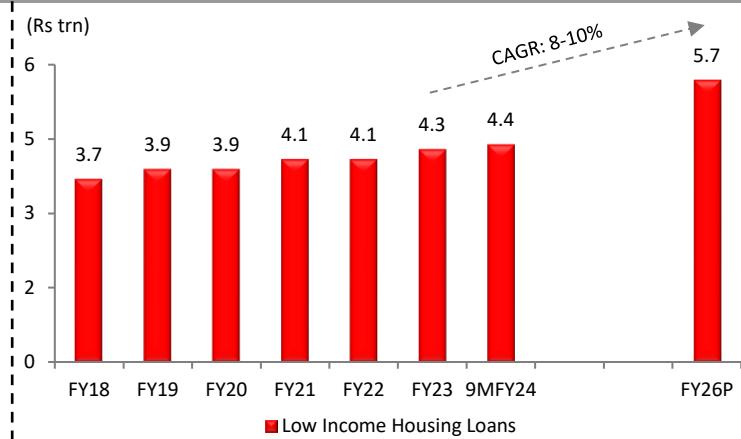
The Indian housing finance market grew at a healthy ~14% CAGR over FY18-FY23 led by rise in disposable income, healthy demand coming from smaller cities markets, attractive interest rates and government impetus on housing. Despite a healthy pace of growth, mortgage penetration (mortgage to GDP ratio) in India still remains sub optimal at ~11%, presenting a huge growth opportunity for bank and HFCs. Schedule commercial banks (SCBs) command the highest market share in the housing loan market at ~68%, followed by HFCs at 31%, and NBFCs having minuscule 1% share. As per CRISIL, Housing Finance segment to clock 13-15% CAGR over FY23 to FY26.

**Exhibit 6: Size of India's housing loan industry**



Source: RHP, Company, Systematix Institutional Research

**Exhibit 7: Housing Finance market of loans upto Rs 1.5mn**



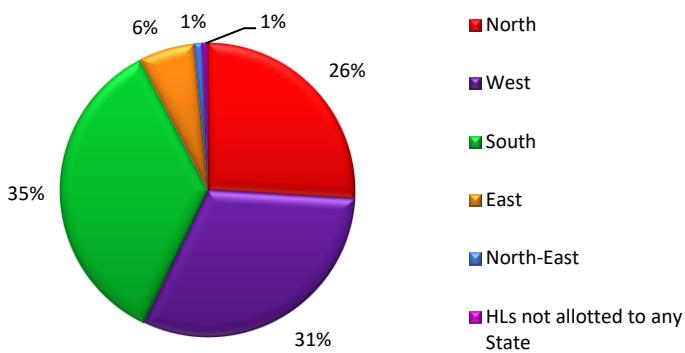
Source: RHP, Company, Systematix Institutional Research

#### Growth in low income housing segment to bounce back in long run

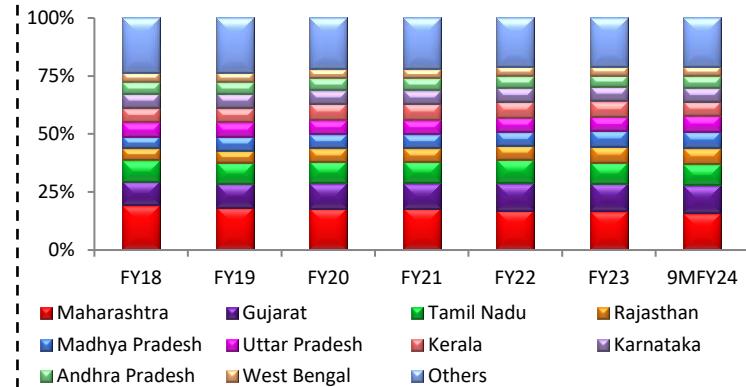
During FY18-FY23, the growth in the low income housing segment was subdued at ~3% (CAGR), compared with overall housing loans, which has grown by 14%. This was primarily due to slowdown in economic activity, funding challenges due to NBFC crisis and the pandemic. Further, the increasing hybrid work model and working from home led to an increase in demand for bigger residential homes (large ticket size). Hence, sale in affordable housing segment was subdued while high-end and mid-segment housing gained the maximum in past couple of years. As per CRISIL, the growth in low income segment to bounce back strongly going ahead driven by 1) Economic recovery post pandemic and return to office initiated by employers 2) Government focus on housing and incentives 3) Rising demand for affordable homes as consumers increasingly work out of Tier 3/4 cities. Further, this segment is expected to pick up gradually and reach Rs 5.4-5.7 trn by FY26 resulting in 8-10% CAGR during FY23-FY26 (As per CRISIL).

#### High regional concentration with greater skewness at the state level

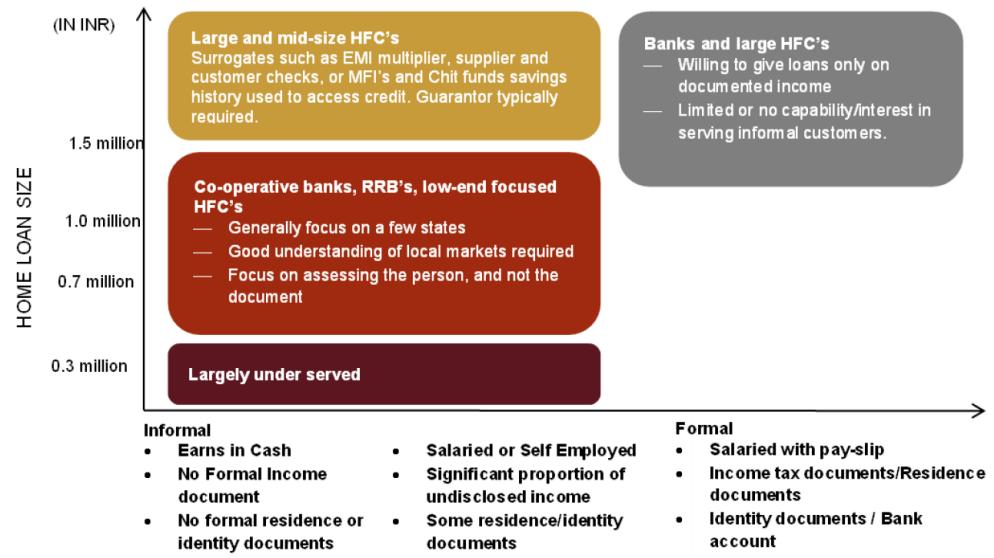
Geographically, housing loan market is relatively skewed towards South and Western region with share of 35% and 31% respectively. North region has ~26% share while Eastern region accounts for balance 6% share in outstanding housing loans. Based on home loans outstanding in the low income housing segment, top 10 states account for ~80% of the market size as of Dec'23. Maharashtra tops the list with the highest share of 16%, followed by Gujarat (12%), Tamil Nadu (9%), Rajasthan (7%) and Madhya Pradesh (7%).

**Exhibit 8: Region-wise AUM breakup**

Source: RHP, Company, NHB, Systematix Institutional Research

**Exhibit 9: Share of top 10 states in housing loans**

Source: RHP, Company, Systematix Institutional Research

**Exhibit 10: Low income housing segment typically comprise of underserved customers**

Source: RHP, Company, Systematix Institutional Research

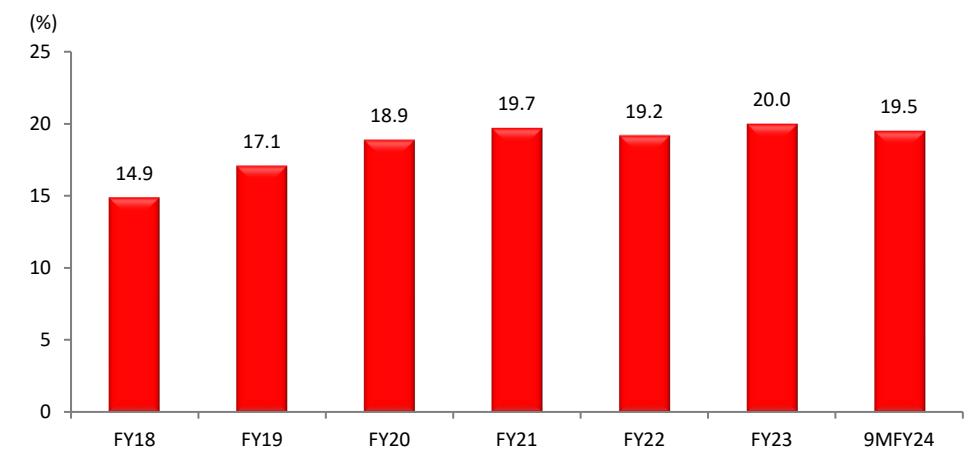
**Exhibit 11: Large HFCs continue to have dominant share, however mini HFCs have increased their market share**

Market share of HFC groups	Disbursement Mix						AUM Mix					
	FY19	FY20	FY21	FY22	FY23	9MFY24	FY19	FY20	FY21	FY22	FY23	9MFY24
Large HFCs	66%	62%	67%	65%	55%	66%	66%	69%	68%	70%	65% *	63%
Medium HFCs	12%	16%	12%	16%	20%	12%	15%	12%	12%	10%	14% *	15%
Small HFCs	15%	15%	13%	10%	12%	15%	15%	14%	15%	14%	14%	13%
Mini HFCs	7%	7%	8%	8%	14%	7%	5%	5%	6%	6%	8%	9%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

Source: RHP, Company, Systematix Institutional Research; Note: Large HFCs - Avg AUM for FY22 and FY23 more than Rs 500 bn (LICHF, PNBHF, Indiabulls Housing, Bajaj Housing, Piramal Capital etc), Medium HFCs - Avg AUM for FY22 and FY23 between Rs 175 bn and Rs 500 bn (CANF, ICICI Homes, IIFL Housing, TATA Capital Housing etc), Small HFCs - Avg AUM for FY22 and FY23 between Rs 70 bn and Rs 175 bn (Aadhar, Aavas, Repco, Aditya Birla Housing, Sundaram Housing etc) Mini HFCs - Avg AUM for FY22 and FY23 less than Rs 70 bn (Aptus, Capri Global Housing, India Shelter, HFFC etc); Note: \* the significant change in market share of large HFCs and Medium HFCs in FY23 was due to merger of HDFC Ltd into HDFC bank.

The HFC focused on low income housing segment consists primarily of small and mini HFCs. They were able to increase their market share from 14.9% as of March 2018 to 19.5% as of December 2023 in terms of home loan outstanding. The defining characteristic of these HFCs is their strong focus on their target segment (i.e., housing loans lower than Rs 1.5 million ticket size to low-income customers), deep understanding of the micro-markets they operate in, and relatively lower focus on other products such as loans against property (LAP) and developer loans. Their credit assessment processes are finetuned to serve their target segment. According to CRISIL MI&A estimates, direct sales teams as a sourcing channel account for 65-70% of the loans of these HFCs. Aadhar has a diversified origination mix with DSTs, Aadhar Mitra (12,451) and DSAs (5,152), contributing 33.5%, 20.8%, 45.7% to disbursements in 9MFY24. Aadhar Mitras are individuals engaged by the company who are in non-allied industries (hardware stores, for example) and act as lead providers to its DSTs.

**Exhibit 12: Market share of HFC focused on low income segment is at ~20%**

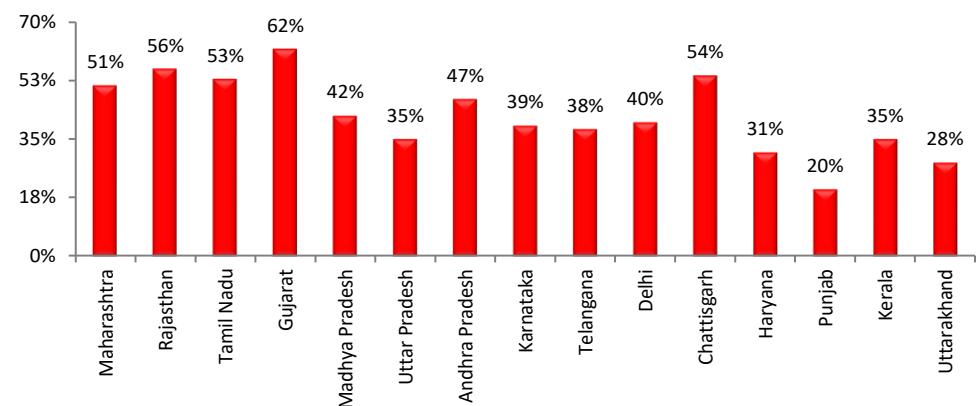


Source: RHP, Systematix Institutional Research

#### State wise market share in low income segment

States like Gujarat, Rajasthan, Tamil Nadu, Maharashtra & Chhattisgarh have more than 50% market share within their respective states in low income housing segment. Gujarat is at the top with 62% market share followed by Rajasthan (56%) and Chhattisgarh (54%) for 9MFY24.

**Exhibit 13: State wise market share in low income segment**



Source: RHP, Company, Systematix Institutional Research

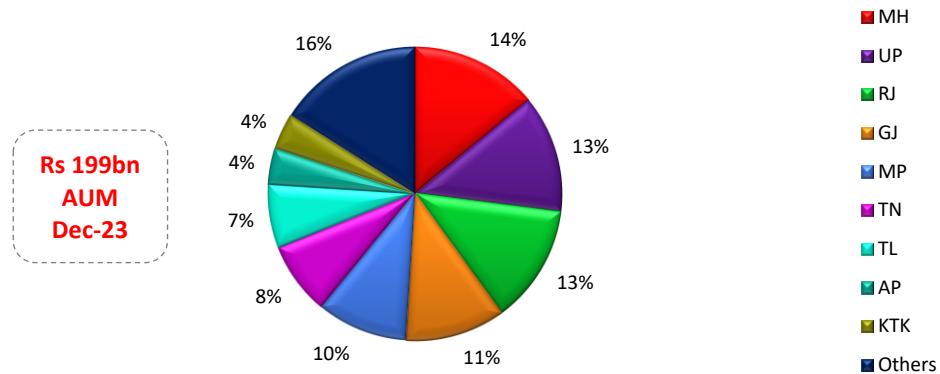
## Investment Rationale

### Well placed to capture growth led by deeper penetration in key states and expanding customer base

Aadhar Housing Finance Limited (AHFL) is a leading player (with ~4% market share in overall HFC group) in affordable housing finance space with AUM of Rs198bn. It has diversified presence with 487 branches spread across 533 districts in 20 states. The branches are evenly spread across states which reduces geographic concentration risk as no single state contributes >14% of AUM. Loan growth and subsequently improvement in market share to be aided by a) rising urbanization and continued expansion of its physical and digital presence across India b) increasing customer base. There is an immense potential in the housing market, driven by significant shortage of housing loans. As per CRISIL, ~95% of housing shortage expected to be driven by EWS / LIG segments.

Aadhar is primarily focused on the low income housing segment (ticket size less than Rs 1.5mn), and target first-time home buyers in economically weaker and low-to-middle income segments. The salaried segment constitute 57% while self-employed segment constitute 43% of gross AUM respectively as of Dec'23. The company offers, home loans, loan against property, loans for renovation and property extension and loans for purchase of commercial property. Home loans constitute ~76%, while non-home loans constitute ~24% of gross AUM respectively as of Dec'23. As Aadhar cater to low income segment, the loans also classify for various affordable housing schemes promoted by the Government of India, such as the Pradhan Mantri Awas Yojana (PMAY). These loans constitute ~24% of live accounts and ~20% of Gross AUM as of Dec'23. Out of total Disbursements, ~12% are new to credit customers and average ticket size of loan is Rs 1mn with Avg LTV of 58%. As of Dec'23, the branch network stood at 487 branches spread across 533 districts in 20 states. The branches are evenly spread across states which reduces the geographic concentration risk with no single state contributes >14% of AUM.

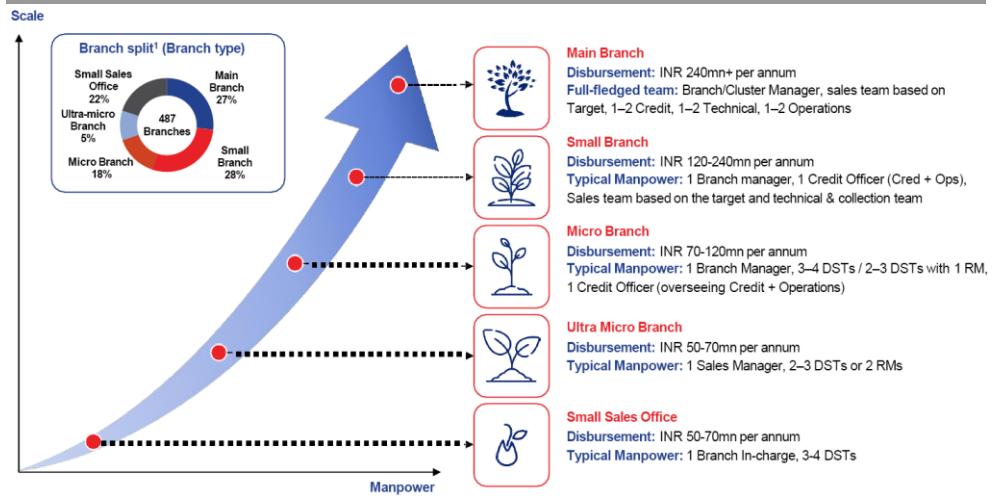
**Exhibit 14: State wise AUM mix**



Source: RHP, Company, Systematix Institutional Research

The branch expansion is done in a calibrated and systematic manner by reviewing factors like demographics and competitive landscape before establishing a branch. Thus, Aadhar has strategically expanded to geographies where there is substantial demand for housing finance in low income segment. Going ahead, rising urbanization and continued expansion of physical and digital presence across India expected to drive the growth. The current operating model, which Aadhar is following is scalable and it will assist in expanding the operations with lower incremental costs to drive efficiency and profitability.

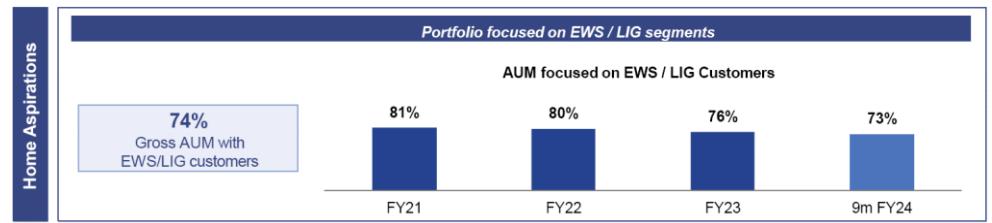
## Exhibit 15: Size of the branch is linked to disbursement potential



Source: RHP, Company, Systematix Institutional Research

In addition with deeper penetration, Aadhar aims to focus on increasing its share of low income housing segment and economically weaker and low-to-middle income group segment and expand its customer base with the help of co-lending arrangements with banks (2 PSUs and 1 private). As of Dec'23, Aadhar has more than 255000 live accounts.

## Exhibit 16: Majority of housing shortfall expected to be driven by EWS / LIG segment

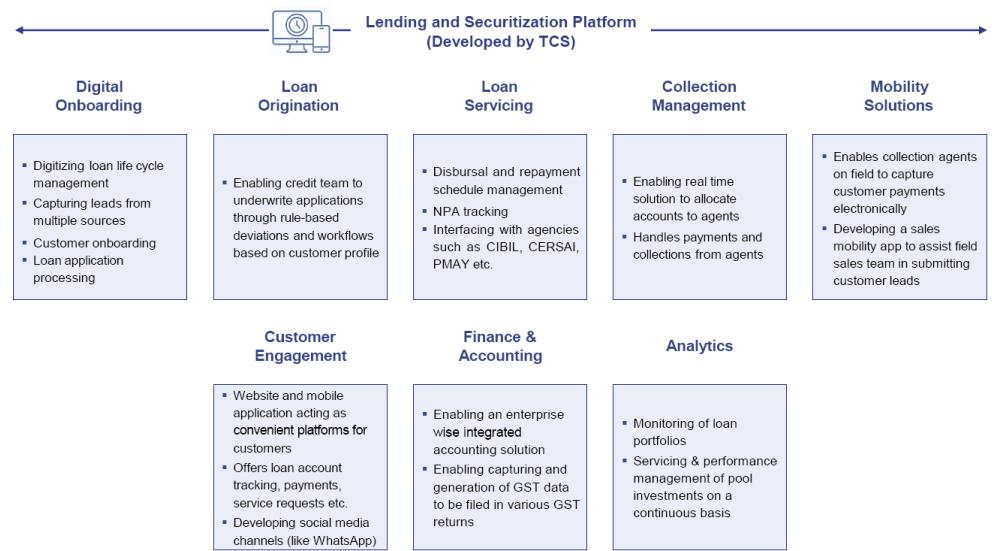


Source: RHP, Company, Systematix Institutional Research

## Tech enabled solutions to improve cost efficiency in long run

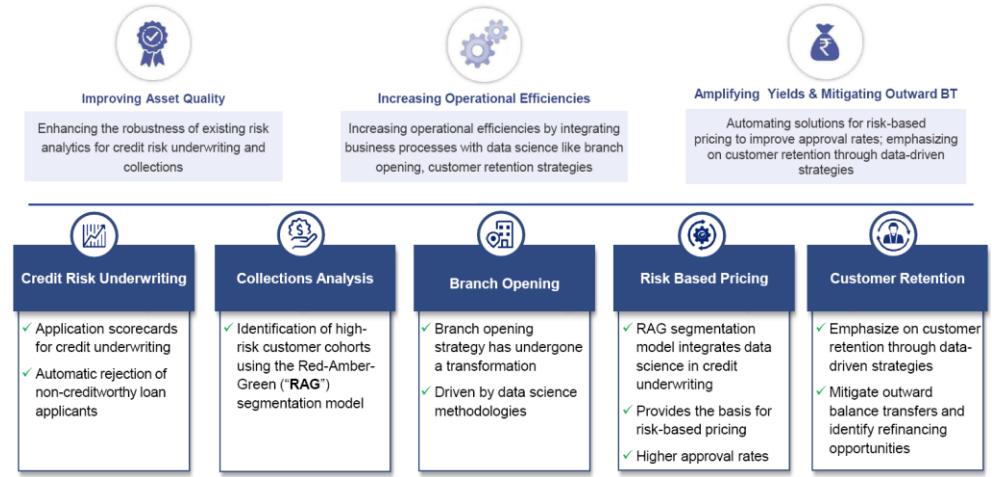
In FY20, Aadhar invested in an integrated loan platform by TCS and launched a digital transformation program which provides a more integrated digital platform for various stages of a loan cycle onboarding, loan origination, accounting and reporting. These tech enabled solutions are further expected to improve systems, processes and controls. Operationally, tech solutions / digitization benefits through improved underwriting processes, increased productivity, cost reduction and improved collections through data-driven early warning systems. Its fully built distribution and collections infrastructure is a key source of operating leverage and will help reduce the operating expenses and credit cost in long run.

### Exhibit 17: Scalable tech & digital platform



Source: RHP, Company, Systematix Institutional Research

### Exhibit 18: Focus on business transformation through data science...



Source: RHP, Company, Systematix Institutional Research

### Exhibit 19: Branch efficiency comparison

Branch Efficiency (3QFY24)	AADHAR	AAVAS	APATUS	HFFC	INDIA SHELTER
AUM per branch (mn)	408	458	308	733	261
Disbursement/ Branch (mn)*	143	155	117	328	126
Employee per branch (no.)	8	18	11	10	15
Opex per Branch (mn)*	12	15	8	20	11
Employee cost/ branch (mn)*	8	10	6	13	9
Other Opex/ branch (mn)*	3	5	2	6	2
Profit per branch (mn)*	17	13	24	26	12

Source: RHP, Company, Systematix Institutional Research; Note: \* Annualised

## Extensive underwriting and healthy collections leading to robust asset quality

Aadhar has implemented a robust and comprehensive credit assessment, risk management and collections framework to identify, monitor and manage risks in operations. The company primarily caters to retail segment, a majority of whom are salaried individuals purchasing residential properties. Thus, asset quality has been largely maintained healthy. The company has streamlined its sanction, pre-disbursement and post disbursement processes on IT platform, which cover the entire lifecycle of the customer from lead generation, credit underwriting, legal and technical processes to loan disbursement and monitoring and collections. Its in-house technical team comprises of civil engineers which assess property valuation which enables Aadhar to make accurate valuations of the properties that they are financing. In addition, it has in-house collection team which ensures timely collections. During pandemic, management changed its strategy and focused more on salaried customers and conducted additional due diligence on customers to assess the impact on their employment. Such measures helped in the improvement of their collection efficiencies. Aadhar's effective credit risk management policies and framework is reflected in its portfolio quality indicators such as high repayment rates (20-22%) and low rates of GNPAs and NNPs across cycles. As of Dec'23, its gross stage 3 and net stage 3 stood at 1.4% and 0.9% respectively and all the outstanding loans are secured by mortgage over property or other security. Since past three years, credit cost was maintained at < 50bps.

### Exhibit 20: Credit assessment by in-house team...

Credit Underwriting	
 <p>Centralized processing at regions – Salaried Customers</p> <ul style="list-style-type: none"> <li>▪ Regional processing units to process applications for salaried customers</li> <li>▪ Ensures standardisation, cost optimization and better turn-around time</li> </ul>	 <p>Decentralized processing – other customers</p> <ul style="list-style-type: none"> <li>▪ Branch led processing through credit managers</li> <li>▪ On-ground verification of business and income</li> <li>▪ Analysis of expected cash flow of customer's business</li> </ul>
Technical Due Diligence	
 <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>▪ Site visits, technical evaluation of properties and the periodical review of construction projects</li> </ul>	 <p><b>Assessment of property valuation</b></p> <ul style="list-style-type: none"> <li>▪ Done by in-house technical team of civil engineers</li> </ul>
 <p><b>Multiple opinions sought in specific cases</b></p> <ul style="list-style-type: none"> <li>▪ Technical assessments through in-house engineers</li> <li>▪ For properties above a certain threshold, additional valuation from independent third parties</li> </ul>	 <p><b>Post-disbursement sampling</b></p> <ul style="list-style-type: none"> <li>▪ ~5% of the properties mortgaged in each quarter are re-valued to review the variance in valuation</li> <li>▪ Cases of variance are examined for taking remedial actions</li> </ul>
Legal Due Diligence	
 <p><b>Loan documentation, builder due diligence, title checks</b></p> <ul style="list-style-type: none"> <li>▪ Inhouse legal team and empaneled lawyers verify documents; ensure that the property is legally enforceable</li> <li>▪ Reports prepared by empaneled lawyers reviewed by in-house legal team</li> </ul>	 <p><b>Risk Containment Unit</b></p> <ul style="list-style-type: none"> <li>▪ RCU screens every loan application and supporting document</li> <li>▪ Suspicious documents sampled and verified at source</li> </ul>

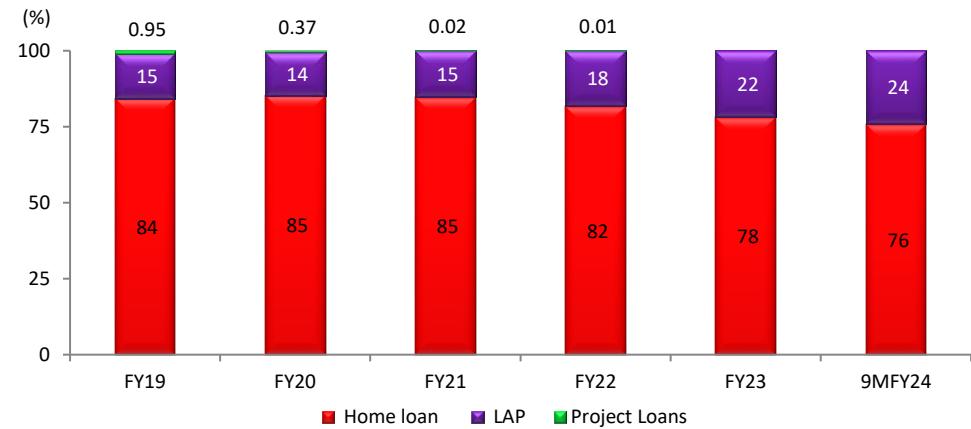
Source: RHP, Company, Systematix Institutional Research

## Improved share of non housing loans supported NIM expansion

AHFL's funding profile is fairly diversified and comprises of loans from banks (55%), refinance from NHB (27%), NCDs (18%), and others (2%) as of Dec'23. In terms of fund raising, post the change in ownership, its has been able to raise funds regularly from diversified funding sources and relatively at low-cost rates from NHB. Despite the systemic hardening of interest rates, its cost of borrowing has been steadily declining due to its proactive and flexible fundraising strategy. With an aim to expand its NIMs, management aim to diversify its funding sources, identify new sources and pools of capital, and implement robust asset liability management policies. The share of home loan segment (yields at ~12-13%) declined to 76% in 9MFY24 from 84% in FY19, while share of non-home loan segment (yields at 15-17%)

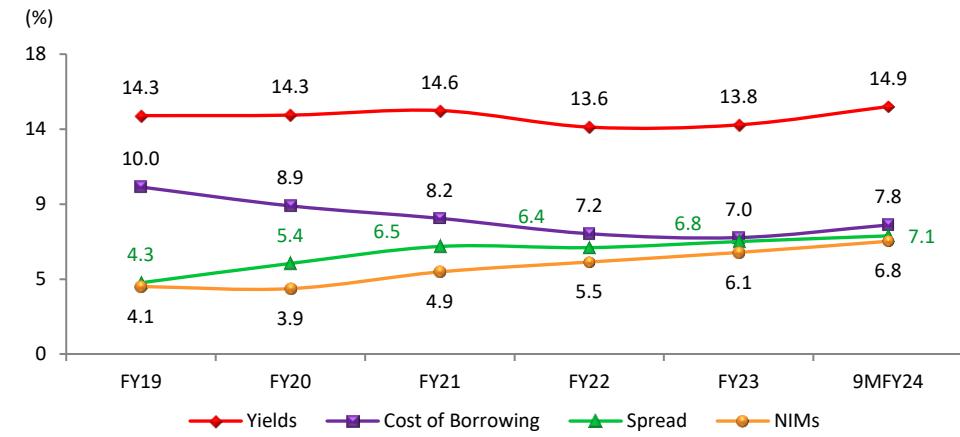
gone up to 24% in 9MFY24 from 15% in FY19 thereby maintaining spreads. Hence going ahead, with increasing share of relatively higher-yielding non-home loan portfolio and increase in lending rates, AHFL expected to protect its spreads, resulting in healthy NIMs (~7% in 9MFY24).

**Exhibit 21: Share of high yield non-housing book is increasing**



Source: RHP, Company, Systematix Institutional Research

**Exhibit 22: Higher yields and lower cost has been aiding NIM expansion**



Source: RHP, Company, Systematix Institutional Research

### Strong parentage provides access to diversified and cost efficient borrowings

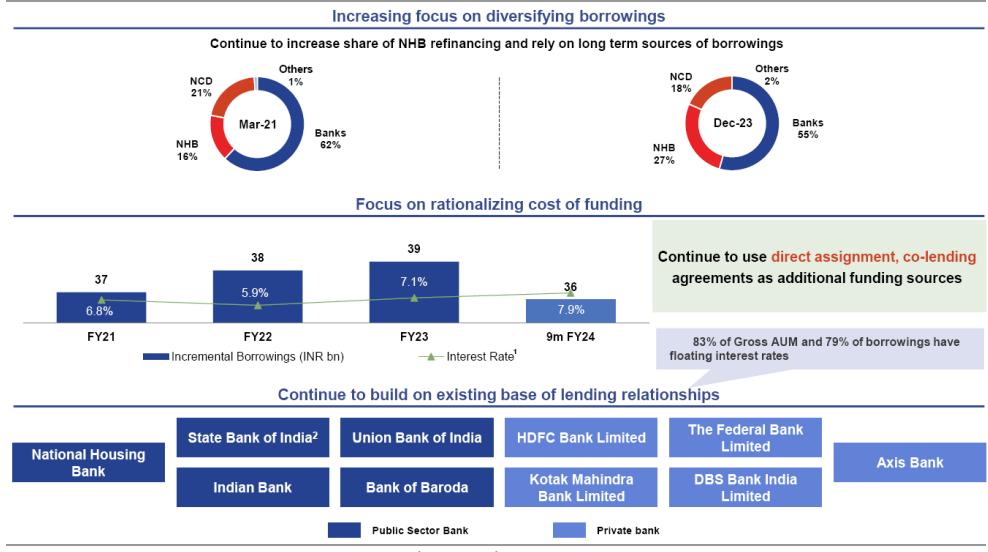
AHFL is backed by BCP Topco (managed and advised by Blackstone Group Inc) which currently holds 98.7% and hence benefit from blackstone's resources, relationships and expertise. Over the years, AHFL have secured funding from various sources including term loans; proceeds from loans assigned; proceeds from the issuance of NCDs; refinancing from the NHB; and subordinated debt borrowings from banks, mutual funds, insurance companies and other domestic and foreign financial and development finance institutions.

AHFL's funding profile is fairly diversified and comprises of loans from banks (55%), refinance from NHB (27%), NCDs (18%), and others (2%) as of Dec'23. In terms of fund raising, post the change in ownership, Aadhar Housing Finance has been able to raise funds regularly from diversified funding sources and relatively at low-cost rates from NHB.

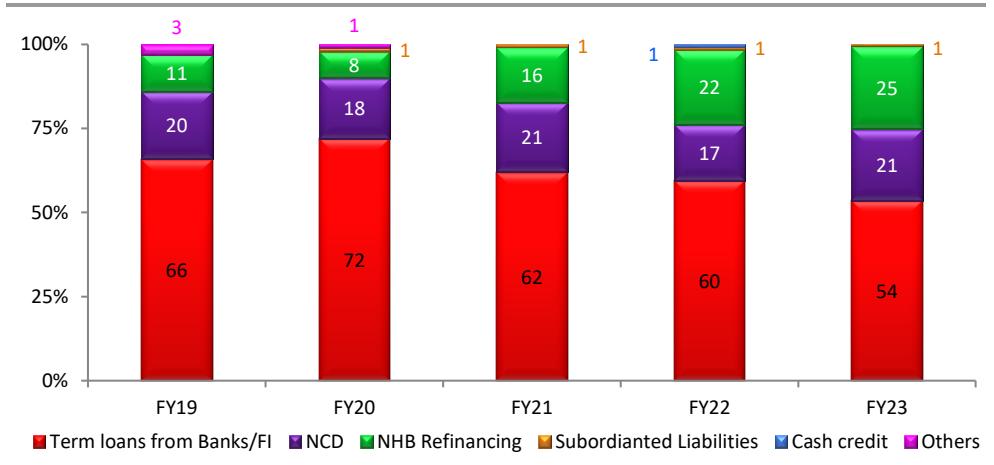
Its cost of borrowing has steadily declined (from 10% in FY19 to 7% in FY23) led by proactive and flexible fundraising strategy. The Company intends to continue to diversify its funding sources, identify new sources and pools of capital, and implement robust asset liability management policies with the aim of optimising its cost of borrowings and aid its NIMs. It also intends to further increase the share of NHB refinancing in its total borrowings and access international sources of funding to reduce its overall cost of borrowing.

Its average cost of borrowings reduced from 8.2% in FY21 to 7.0% in FY23 and increased slightly to 7.6% for 9MFY24.

#### Exhibit 23: Diverse funding mix with low short term exposure



#### Exhibit 24: Borrowing mix...



#### Experienced and seasoned management team enhance confidence

Aadhar has a strong, experienced and dedicated management team, with senior management team together having an average experience of more than two decades in the financial services industry. The management is headed by Mr Rishi Anand (MD & CEO) who has a vast experience of more than 27 years in the financial services sector. Prior to this he held position of the COO of AHFL. Mr. Rajesh Viswanathan is a Chief Financial Officer (CFO) of AHFL and he is a Chartered

Accountant with overall experience of over 25 years. Mr. Anmol Gupta is Chief Treasury Officer (CTO), has over 20 years of experience in Planning & Control. Its promoter, BCP Topco (managed and advised by Blackstone Group Inc) currently holds ~98.7% and it will sell ~22% stake, but continue to hold majority in the company. Hence, AHFL strengthened its corporate governance framework, with the induction of three independent directors, one of whom serves as Non-Executive Chairman. Operational oversight has been reflected through the undertaking of various measures such as overhaul of the IT systems and technology and consolidation of branches to bring in operational efficiencies.

## Key risks

**Geographic concentration in certain states:** ~50% of AUM and ~45% of branches are concentrated in four states viz. Uttar Pradesh, Maharashtra, Madhya Pradesh and Gujarat. Any significant social, political or economic disruption, or natural calamities could disrupt their business operations, which will require the company to make a significant expenditure and change in business strategies. The occurrence or inability to effectively respond to any such event, could have an adverse effect on the business and results of operations.

**Highly competitive market:** The housing finance industry in India is highly competitive and Aadhar competes with other HFCs, small finance banks and NBFCs in each of the geographies in which it operates. Competitors may have more resources, a wider branch and distribution network, access to cheaper funding, superior technology and may have a better understanding of and relationships with customers in these markets. The ability to compete effectively will depend on ability to maintain or increase margins.

**Higher dependency on direct selling agents (DSAs):** Over past few years, Aadhar's dependency on DSAs for sourcing of loans has been increased from 28.7% (contribution to total disbursements) in FY21 to 45.7% in 9MFY24. Higher dependency on DSAs could lead to increase in balance transfers (currently at 6-6.5%)

## Valuation

Aadhar Housing Finance (AHFL) is a bet on low ticket size affordable housing segment. Given the current size of AHFL, the company is well positioned to capture the huge untapped opportunity in ticket size below Rs 1.5mn via deeper penetration in new geographies and increase in potential customer base. Wide distribution network and strong underwriting practices bodes well for growth and asset quality. In addition, experienced management team with strong track record along with backing of Blackstone boost confidence. At the upper end of the price band (Rs 300-315), the issue is valued at ~2.5x Dec'23 BV (including capital raise) with RoA of ~4% and RoE of ~18%, which looks attractive vs peers which are trading at ~3.5x BV (Avg.). Hence, we recommend investors to subscribe this issue.

### Exhibit 25: HFCs peer valuations

	Loan Book (Rs bn)			RoA (%)			RoE (%)			BV (Rs)			P/BV (x)		
	FY22	FY23	FY24E	FY22	FY23	FY24E	FY22	FY23	FY24E	FY22	FY23	FY24E	FY22	FY23	FY24E
AADHAR *	133	147	172	2.6	3.2	3.7	13.5	15.2	16.6	63	74	87	5.0	4.3	3.6
AAVAS	113	141	173	3.6	3.5	3.3	13.6	14.1	13.9	355	413	476	4.5	3.8	3.3
HFFC	53	71	96	3.9	3.9	3.7	12.6	13.5	15.7	179	206	236	5.0	4.3	3.8
APTUS	51	67	87	7.3	7.8	7.6	15.1	16.1	17.2	59	66	75	5.5	4.8	4.3
INDIA SHELTER	31	43	60	4.5	4.1	4.5	12.8	13.4	13.2	100	116	211	5.7	5.0	2.7

Source: RHP, Company, Systematix Institutional Group, Note: # P/BV at ~2.5x (post capital raise); \* FY24 figures for Aadhar are Projected based on 9MFY24

## Peer comparison

**Exhibit 26: Peer Comparison - Key Financial parameters**

Particulars (Rs mn)	Aadhar		Aavas		HFFC		Aptus	
	FY23	9MFY24	FY23	9MFY24	FY23	9MFY24	FY23	9MFY24
Asset Under Management (AUM)	172,228	198,652	141,667	160,795	71,980	90,137	67,383	80,717
Disbursements	59,026	49,041	50,245	36,891	30,129	28,615	23,950	21,590
Profit After Tax	5,643	5,479	4,296	3,482	2,283	2,223	5,030	4,479
Average yield on Loan Book (%)	12.8%	14.0%	12.6%	14.0% *	13.3%	13.8%	17.7%	17.8% *
Average cost of borrowings (%)	7.0%	7.6%	6.6%	7.5% *	7.3%	8.1%	8.5%	8.8%
Spread (%)	5.8%	6.4%	6.0%	6.5% *	5.9%	5.7%	9.2%	8.9% *
Operating Expenses / Average Total Assets (%)	3.1%	3.3%	3.8%	3.6% *	2.9%	2.9%	2.6%	2.5%
Cost to Income Ratio (%)	38.1%	36.2%	45.0%	46.1%	35.5%	35.7%	19.4%	20.0%
Return on Total Assets (%)	3.6%	4.2%	3.5%	3.2% *	3.9%	3.8%	7.8%	7.7%
Return on Equity (%)	16.5%	18.4%	14.1%	13.5% *	13.5%	15.4%	16.1%	17.0%
Gross NPA to AUM (%)	1.2%	1.4%	0.9%	1.1%	1.6%	1.7%	1.2%	1.2% *
Net NPA to AUM (%)	0.8%	1.0%	0.7%	0.8% *	1.1%	1.2%	0.9%	0.9%
Net worth	36,976	42,491	32,697	36,314	18,173	20,318	33,393	37,014
Debt to Net worth ratio	3.3	3.1	3.0	3.3 *	2.6	3.4	1.1	1.2
CRAR (%)	42.7%	39.7%	47.0%	45.0%	49.4%	40.9%	77.4%	70.5%
Number of branches	469	487	346	351	111	123	231	262
Number of States	20	20	13	13	13	13	5	6

Source: RHP, Company, Systematix Institutional Group, Note: \* Average figures

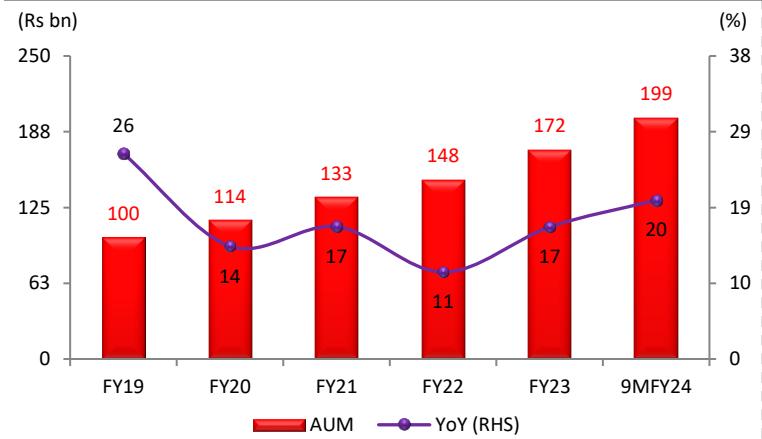
**Exhibit 27: DuPont Analysis**

Particulars (FY23)	Aadhar	Aavas	HFFC	Aptus
Interest Income	11.5	11.4	12.2	16.5
Interest Expense	5.2	4.8	5.1	4.3
Net Interest Income	6.3	6.5	7.1	12.2
Other income	1.7	1.8	1.2	1.1
Total Net Income	8.0	8.3	8.3	13.3
Total operating expenses	3.1	3.8	2.9	2.6
Pre-provision profit	5.0	4.6	5.3	10.7
Provisions	0.3	0.1	0.4	0.5
Profit before tax and exceptional items	4.7	4.5	5.0	10.2
Profit before tax	4.8	4.5	5.0	10.2
Tax total	1.0	1.0	1.1	2.3
Reported Profit after tax	3.8	3.5	3.9	7.8
RoAE	16.6	14.1	13.5	16.1

Source: RHP, Company, Systematix Institutional Research

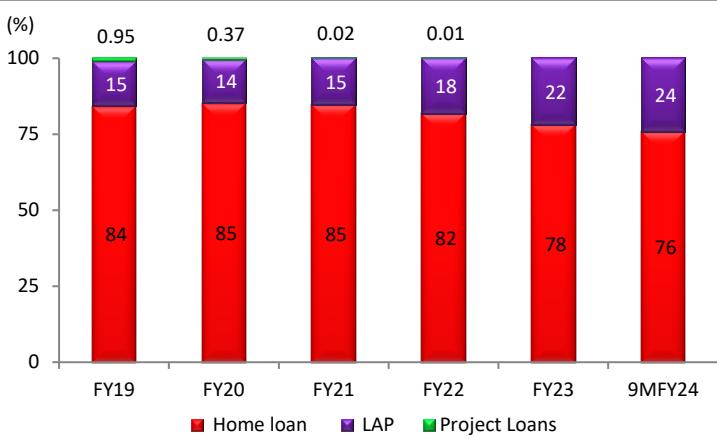
## Key charts

**Exhibit 28: AUM growth gained momentum over last 3 years**



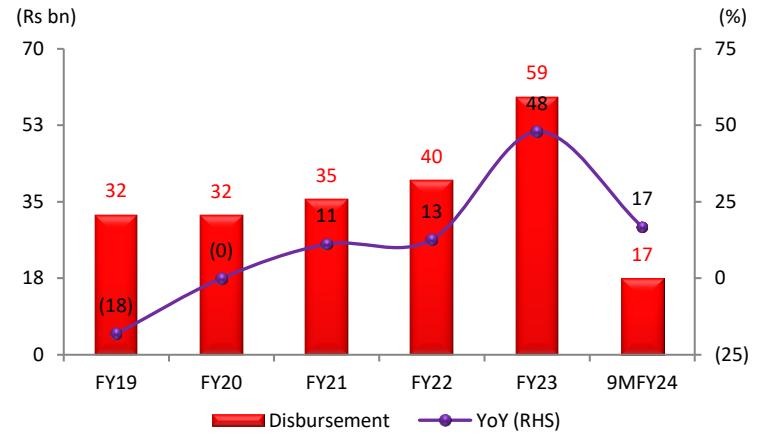
Source: RHP, Company

**Exhibit 29: Non Home loan share has risen since FY21**



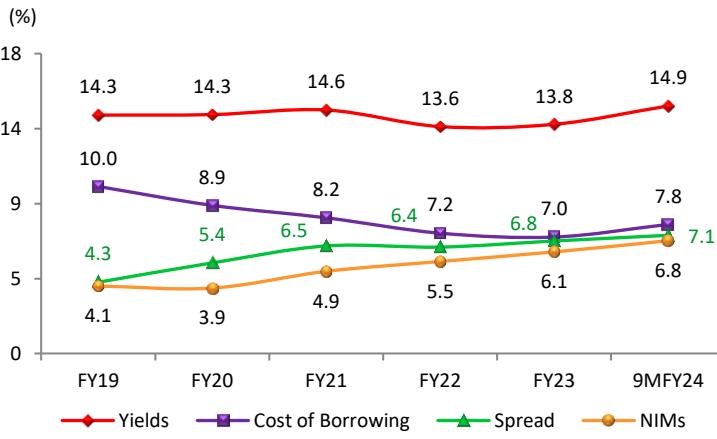
Source: RHP, Company

**Exhibit 30: Disbursements growth has been strong**



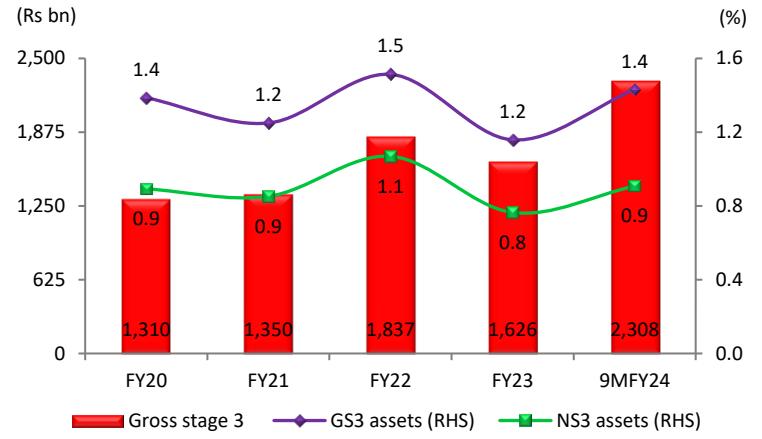
Source: RHP, Company

**Exhibit 31: Yield, cost of borrowing, NIMs**



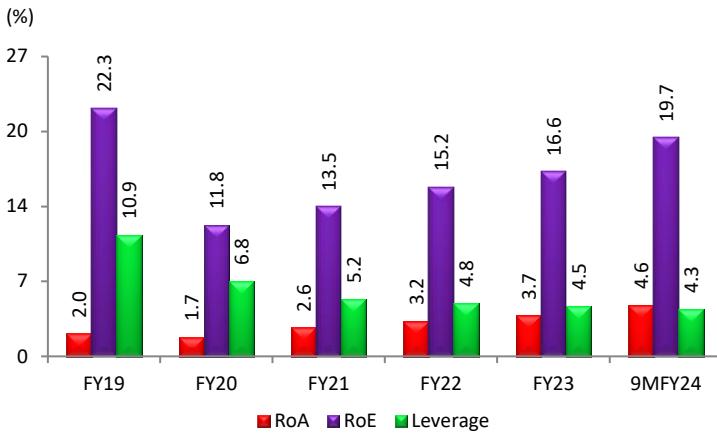
Source: RHP, Company

**Exhibit 32: Asset quality healthy and stable**



Source: RHP, Company

**Exhibit 33: Healthy RoA profile**



Source: RHP, Company

## FINANCIALS

### Profit & Loss Statement

YE: Mar (Rs mn)	FY21	FY22	FY23	FY24P
Net interest income	6,110	7,771	9,771	12,768
Other income	1,486	1,903	2,672	3,177
Net Income	7,596	9,674	12,443	15,944
Operating expenses	2,721	3,513	4,743	5,796
Preprovision profit	4,875	6,161	7,700	10,148
Provisions	549	487	492	568
Profit before tax	4,325	5,674	7,458	9,830
Tax	924	1,225	1,511	1,991
Tax rate	21.4	21.6	20.3	20.3
<b>Reported Profit after tax</b>	<b>3,401</b>	<b>4,449</b>	<b>5,948</b>	<b>7,839</b>

Source: Company, Systematix Institutional Research, Note: FY24P based on 9MFY24

### Balance Sheet

YE: Mar (Rs mn)	FY21	FY22	FY23	FY24P
Equity	3,948	3,948	3,948	3,948
Reserves	22,981	27,519	33,029	40,084
Net worth	26,928	31,467	36,977	44,032
Borrowings	103,745	106,746	121,535	137,091
Others	5,630	5,545	7,668	8,018
Total liabilities	136,303	143,758	166,179	189,141
Cash	21,713	17,102	19,180	14,473
Investments	4,971	3,380	4,594	4,962
Loans	106,133	119,603	138,515	165,223
Others	2,956	3,122	3,257	3,722
<b>Total assets</b>	<b>136,303</b>	<b>143,758</b>	<b>166,179</b>	<b>189,141</b>

Source: Company, Systematix Institutional Research, Note: FY24P based on 9MFY24

### Dupont (as % of Average Assets)

YE: Mar	FY21	FY22	FY23	FY24P
Interest Income	11.0	11.0	11.5	12.8
Interest Expense	6.3	5.4	5.2	5.6
Net Interest Income	4.7	5.5	6.3	7.2
Other income total	1.1	1.4	1.7	1.8
Net Income total	5.8	6.9	8.0	9.0
Operating expenses total	2.1	2.5	3.1	3.3
Preprovision profit	3.8	4.4	5.0	5.7
Provisions	0.4	0.3	0.3	0.3
Profit before tax and exce. items	3.3	4.1	4.7	5.4
Profit after tax	2.6	3.2	3.8	4.4

Source: Company, Systematix Institutional Research, Note: FY24P based on 9MFY24

### Key Ratios

YE: Mar	FY21	FY22	FY23	FY24P
Yield on portfolio	14.6	13.6	13.8	15.0
cost of borrowings	8.2	7.2	7.0	7.7
Interest Spread	6.5	6.4	6.8	7.3
NIM (on AUM)	4.9	5.5	6.1	6.7
Cost/ Income (%)	35.8	36.3	38.1	36.4
Credit cost (%)	0.4	0.3	0.3	0.3
RoA(%)	2.6	3.2	3.7	4.3
RoE(%)	13.5	15.2	16.6	18.7
Leverage (x)	5.2	4.8	4.5	4.4
Gross NPA (%)	1.2	1.5	1.2	1.4
Net NPA (%)	0.9	1.1	0.8	0.9
Provision coverage (%)	32.1	29.7	34.2	37.0

Source: Company, Systematix Institutional Research, Note: FY24P based on 9MFY24

### Growth

YE: Mar (%)	FY21	FY22	FY23	FY24P
Net interest income	45.1	27.2	25.7	30.7
Net Income total	27.7	27.4	28.6	28.1
Preprovision profit	43.1	26.4	25.0	31.8
Profit before tax	87.3	31.2	31.5	31.8
Profit after tax	79.6	30.8	33.7	31.8
Loan	19.1	12.7	15.8	19.3
Disbursement	11.1	12.6	47.9	22.0
AUM	16.6	10.9	16.5	20.0

Source: Company, Systematix Institutional Research, Note: FY24P based on 9MFY24

### Valuation ratios

YE: Mar	FY21	FY22	FY23	FY24P
FDEPS (Rs)	8.0	10.4	13.4	17.8
PER (x)	39.5	30.2	23.6	17.7
Book value (Rs)	63.1	73.8	86.7	103.2
P/BV (Rs)	5.0	4.3	3.6	3.1
Adjusted book value (Rs)	61.0	70.8	84.2	99.7
P/ABV (Rs)	5.2	4.5	3.7	3.2
P/PPP (x)	27.6	21.8	17.4	13.2
Dividend yield (%)	0.0	0.0	0.0	0.0

Source: Company, Systematix Institutional Research, Note: FY24P based on 9MFY24, P/BV at ~2.5x (post capital raise)

## Institutional Equities Team

<b>Nikhil Khandelwal</b>	<b>Managing Director</b>	<b>+91-22-6704 8001</b>	<b>nikhil@systematixgroup.in</b>
<b>Equity Research</b>			
<b>Analysts</b>	<b>Industry Sectors</b>	<b>Desk-Phone</b>	<b>E-mail</b>
Dhananjay Sinha	Co Head of Equities & Head of Research - Strategy & Economics	+91-22-6704 8095	dhananjaysinha@systematixgroup.in
Abhishek Mathur	FMCG	+91-22-6704 8059	abhishekmathur@systematixgroup.in
Ashish Poddar	Consumer Durables, EMS, Building Materials, Small-Mid Caps	+91-22-6704 8039	ashishpoddar@systematixgroup.in
Himanshu Nayyar	Consumer Staples & Discretionary	+91-22-6704 8079	himanshunayyar@systematixgroup.in
Manjith Nair	Banking, Insurance	+91-22-6704 8065	manjithnair@systematixgroup.in
Pradeep Agrawal	NBFCs & Diversified Financials	+91-22-6704 8024	pradeepagrawal@systematixgroup.in
Pratik Tholiya	Specialty & Agro Chem, Fertilisers, Sugar, Textiles and Select Midcaps	+91-22-6704 8028	pratiktholiya@systematixgroup.in
Sameer Pardikar	IT & ITES	+91-22-6704 8041	sameerpardikar@systematixgroup.in
Santosh Yellapu	Capital Goods	+91-22-6704 8094	santoshyellapu@systematixgroup.in
Shweta Dikshit	Metals & Mining	+91-22-6704 8042	shwetadikshit@systematixgroup.in
Sudeep Anand	Oil & Gas, Logistics, Cement, Wagons	+91-22-6704 8085	sudeepanand@systematixgroup.in
Vishal Manchanda	Pharmaceuticals and Healthcare	+91-22-6704 8064	vishalmanchanda@systematixgroup.in
Chetan Mahadik	Consumer Staples & Discretionary	+91-22-6704 8091	chetanmahadik@systematixgroup.in
Deeksha Bhardwaj	Strategy & Economics	+91-22-6704 8017	deekshabhardwaj@systematixgroup.in
Devanshi Kamdar	IT & ITES	+91-22-6704 8098	devanshikamdar@systematixgroup.in
Hinal Kothari	Metals & Mining	+91-22-6704 8076	hinalkothari@systematixgroup.in
Jennisa Popat	Oil & Gas, Logistics, Cement, Wagons	+91-22-6704 8066	jennisapopat@systematixgroup.in
Kalash Jain	Midcaps	+91-22-6704 8038	kalashjain@systematixgroup.in
Krishna Zaveri	Consumer Durables, EMS, Building Materials, Small-Mid Caps	+91-22-6704 8023	krishazaveri@systematixgroup.in
Mahek Shah	Consumer Durables, EMS, Building Materials, Small-Mid Caps	+91-22-6704 8040	mahekshah@systematixgroup.in
Nirali Chheda	Banking, Insurance	+91-22-6704 8019	niralichheda@systematixgroup.in
Pashmi Chheda	Banking, Insurance	+91-22-6704 8063	pashmichheda@systematixgroup.in
Pravin Mule	NBFCs & Diversified Financials	+91-22-6704 8034	pravinmule@systematixgroup.in
Prathmesh Kamath	Oil & Gas, Logistics, Cement, Wagons	+91-22-6704 8022	prathmeshkamath@systematixgroup.in
Purvi Mundhra	Macro-Strategy	+91-22-6704 8078	purvimundhra@systematixgroup.in
Rajesh Mudaliar	Consumer Staples & Discretionary	+91-22-6704 8084	rajeshmudaliar@systematixgroup.in
Ronak Dhruv	NBFCs & Diversified Financials	+91-22-6704 8045	ronakdhruv@systematixgroup.in
Rushank Mody	Pharmaceuticals and Healthcare	+91-22-6704 8046	rushankmody@systematixgroup.in
Swati Saboo	Midcaps	+91-22-6704 8043	swatisaboo@systematixgroup.in
Vivek Mane	Pharmaceuticals and Healthcare	+91-22-6704 8046	vivekmane@systematixgroup.in
Yogeeta Rathod	Midcaps	+91-22-6704 8081	yogeetarathod@systematixgroup.in
<b>Equity Sales &amp; Trading</b>			
<b>Name</b>		<b>Desk-Phone</b>	<b>E-mail</b>
Vipul Sanghvi	Co Head of Equities & Head of Sales	+91-22-6704 8062	vipulsanghvi@systematixgroup.in
Jignesh Desai	Sales	+91-22-6704 8068	jigneshdesai@systematixgroup.in
Sidharth Agrawal	Sales	+91-22-6704 8090	sidharthagrawal@systematixgroup.in
Shreya Chaudhary	Sales	+91-22-6704 8033	shreyachaudhary@systematixgroup.in
Rahul Khandelwal	Sales	+91-22-6704 8003	rahul@systematixgroup.in
Chintan Shah	Sales	+91-22-6704 8061	chintanshah@systematixgroup.in
Pawan Sharma	Director and Head - Sales Trading	+91-22-6704 8067	pawansharma@systematixgroup.in
Mukesh Chaturvedi	Vice President and Co Head - Sales Trading	+91-22-6704 8074	mukeshchaturvedi@systematixgroup.in
Vinod Bhuwad	Sales Trading	+91-22-6704 8051	vinodbhuwad@systematixgroup.in
Rashmi Solanki	Sales Trading	+91-22-6704 8097	rashmisolanki@systematixgroup.in
Karan Damani	Sales Trading	+91-22-6704 8053	karandamani@systematixgroup.in
Vipul Chheda	Dealer	+91-22-6704 8087	vipulchheda@systematixgroup.in
Paras Shah	Dealer	+91-22-6704 8047	parasshah@systematixgroup.in
Rahul Singh	Dealer	+91-22-6704 8054	rahulsingh@systematixgroup.in
Niraj Singh	Dealer	+91-22-6704 8096	nirajsingh@systematixgroup.in
<b>Corporate Access</b>			
Mrunal Pawar	Vice President & Head Corporate Access	+91-22-6704 8088	mrunalpawar@systematixgroup.in
Darsha Hiwrale	Associate Corporate Access	+91-22-6704 8083	darshahiwrale@systematixgroup.in
<b>Production</b>			
Madhu Narayanan	Editor	+91-22-6704 8071	madhunarayanan@systematixgroup.in
Mrunali Pagdhare	Production	+91-22-6704 8057	mrunalip@systematixgroup.in
Vijayendra Achrekar	Production	+91-22-6704 8089	vijayendraachrekar@systematixgroup.in
<b>Operations</b>			
Sachin Malusare	Vice President	+91-22-6704 8055	sachinmalusare@systematixgroup.in
Jignesh Mistry	Manager	+91-22-6704 8049	jigneshmistry@systematixgroup.in
Hiren Patel	Assistant Manager	+91-22-6704 8056	hirenpatel@systematixgroup.in

## DISCLOSURES/APPENDIX

## I. ANALYST CERTIFICATION

I, **Pradeep Agrawal, Pravin Mule, Ronak Dhruv**; hereby certify that (1) views expressed in this research report accurately reflect my/our personal views about any or all of the subject securities or issuers referred to in this research report, (2) no part of my/our compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report by **Systematix Shares and Stocks (India) Limited (SSSIL)** or its group/associate companies, (3) reasonable care is taken to achieve and maintain independence and objectivity in making any recommendations.

Disclosure of Interest Statement	Update
Analyst holding in the stock	No
Served as an officer, director or employee	No

## II. ISSUER SPECIFIC REGULATORY DISCLOSURES, unless specifically mentioned in point no. 9 below:

1. The research analyst(s), SSSIL, associates or relatives do not have any financial interest in the company(ies) covered in this report.
2. The research analyst(s), SSSIL, associates or relatives collectively do not hold more than 1% of the securities of the company(ies) covered in this report as of the end of the month immediately preceding the distribution of the research report.
3. The research analyst(s), SSSIL, associates or relatives did not have any other material conflict of interest at the time of publication of this research report.
4. The research analyst, SSSIL and its associates have not received compensation for investment banking or merchant banking or brokerage services or any other products or services from the company(ies) covered in this report in the past twelve months.
5. The research analyst, SSSIL or its associates have not managed or co-managed a private or public offering of securities for the company(ies) covered in this report in the previous twelve months.
6. SSSIL or its associates have not received compensation or other benefits from the company(ies) covered in this report or from any third party in connection with this research report.
7. The research analyst has not served as an officer, director or employee of the company(ies) covered in this research report.
8. The research analyst and SSSIL have not been engaged in market making activity for the company(ies) covered in this research report.
9. Details of SSSIL, research analyst and its associates pertaining to the companies covered in this research report:

Sr. No.	Particulars	Yes / No.
1	Whether compensation was received from the company(ies) covered in the research report in the past 12 months for investment banking transaction by SSSIL.	No
2	Whether research analyst, SSSIL or its associates and relatives collectively hold more than 1% of the company(ies) covered in the research report.	No
3	Whether compensation has been received by SSSIL or its associates from the company(ies) covered in the research report.	No
4	Whether SSSIL or its affiliates have managed or co-managed a private or public offering of securities for the company(ies) covered in the research report in the previous twelve months.	No
5	Whether research analyst, SSSIL or associates have received compensation for investment banking or merchant banking or brokerage services or any other products or services from the company(ies) covered in the research report in the last twelve months.	No

10. There is no material disciplinary action taken by any regulatory authority that impacts the equity research analysis activities.

## STOCK RATINGS

**BUY (B):** The stock's total return is expected to exceed 15% over the next 12 months.

**HOLD (H):** The stock's total return is expected to be within -15% to +15% over the next 12 months.

**SELL (S):** The stock's total return is expected to give negative returns of more than 15% over the next 12 months.

**NOT RATED (NR):** The analyst has no recommendation on the stock under review.

## INDUSTRY VIEWS

**ATTRACTIVE (AT):** Fundamentals/valuations of the sector are expected to be attractive over the next 12-18 months.

**NEUTRAL (NL):** Fundamentals/valuations of the sector are expected to neither improve nor deteriorate over the next 12-18 months.

**CAUTIOUS (CS):** Fundamentals/valuations of the sector are expected to deteriorate over the next 12-18 months.

## III. DISCLAIMER

The information and opinions contained herein have been compiled or arrived at based on the information obtained in good faith from sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy completeness or correctness.

This document is for information purposes only. This report is based on information that we consider reliable; we do not represent that it is accurate or complete and one should exercise due caution while acting on it. Description of any company(ies) or its/their securities mentioned herein are not complete and this document is not and should not be construed as an offer or solicitation of an offer to buy or sell any securities or other financial instruments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. All opinions, projections and estimates constitute the judgment of the author as on the date of the report and these, plus any other information contained in the report, are subject to change without notice. Prices and availability of financial instruments are also subject to change without notice. This report is intended for distribution to institutional investors.

This report is not directed to or intended for display, downloading, printing, reproducing or for distribution to or use by, any person or entity that is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, reproduction, availability or use would be contrary to law or regulation or what would subject to SSSIL or its affiliates to any registration or licensing requirement within such jurisdiction. If this report is inadvertently sent or has reached any individual in such country, especially USA, the same may be ignored and brought to the attention of the sender. Neither this document nor any copy of it may be taken or transmitted into the United States (to U.S. persons), Canada, or Japan or distributed, directly or indirectly, in the United States or Canada or distributed or redistributed in Japan or to any resident thereof. Any unauthorized use, duplication,

redistribution or disclosure of this report including, but not limited to, redistribution by electronic mail, posting of the report on a website or page, and/or providing to a third party a link, is prohibited by law and will result in prosecution. The information contained in the report is intended solely for the recipient and may not be further distributed by the recipient to any third party.

SSSIL generally prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, SSSIL generally prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that they cover. Our salespeople, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein. Our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. The views expressed in this research report reflect the personal views of the analyst(s) about the subject securities or issues and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report. The compensation of the analyst who prepared this document is determined exclusively by SSSIL; however, compensation may relate to the revenues of the Systematix Group as a whole, of which investment banking, sales and trading are a part. Research analysts and sales persons of SSSIL may provide important inputs to its affiliated company(ies).

Foreign currencies denominated securities, wherever mentioned, are subject to exchange rate fluctuations which could have an adverse effect on their value or price or the income derived from them. In addition, investors in securities such as ADRs, the values of which are influenced by foreign currencies, effectively assume currency risk. SSSIL, its directors, analysts or employees do not take any responsibility, financial or otherwise, of the losses or the damages sustained due to the investments made or any action taken on the basis of this report including but not restricted to fluctuation in the prices of shares and bonds, changes in the currency rates, diminution in the NAVs, reduction in the dividend or income, etc.

SSSIL and its affiliates, officers, directors, and employees subject to the information given in the disclosures may: (a) from time to time, have long or short positions in, and buy or sell, the securities thereof, of company (ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation (financial interest) or act as a market maker in the financial instruments of the company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) or have other potential material conflict of interest with respect to any recommendation and related information and opinions. The views expressed are those of the analyst and the company may or may not subscribe to the views expressed therein.

SSSIL, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall SSSIL, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. The company accepts no liability whatsoever for the actions of third parties. The report may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the report refers to website material of the company, the company has not reviewed the linked site. Accessing such website or following such link through the report or the website of the company shall be at your own risk and the company shall have no liability arising out of, or in connection with, any such referenced website.

SSSIL will not be liable for any delay or any other interruption which may occur in presenting the data due to any technical glitch to present the data. In no event shall SSSIL be liable for any damages, including without limitation, direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by SSSIL through this presentation.

**SSSIL or any of its other group companies or associates will not be responsible for any decisions taken on the basis of this report. Investors are advised to consult their investment and tax consultants before taking any investment decisions based on this report.**



**Systematix Shares and Stocks (India) Limited:**

**Registered and Corporate address:** The Capital, A-wing, No. 603 – 606, 6th Floor, Plot No. C-70, G Block, Bandra Kurla Complex, Bandra (East), Mumbai – 400 051  
 CIN - U65993MH1995PLC268414 | BSE SEBI Reg. No.: INZ000171134 (Member Code: 182) | NSE SEBI Reg. No.: INZ000171134 (Member Code: 11327) | MCX SEBI Reg. No.: INZ000171134 (Member Code: 56625) | NCDEX SEBI Reg. No.: INZ000171134 (Member Code: 1281) | Depository Participant SEBI Reg. No.: IN-DP-480-2020 (DP Id: 34600) | PMS SEBI Reg. No.: INP000002692 | Research Analyst SEBI Reg. No.: INH200000840 | Investment Advisor SEBI Reg. No. INA000010414 | AMFI : ARN - 64917