

Small Credit, Big Data Qudian Management Presentation

MAY 2018

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## Leading global FinTech innovators



| #1  |                           | Ant Financial | *  |  |
|-----|---------------------------|---------------|----|--|
| #2  | 《入众安保险                    | ZhongAn       | *  |  |
| #3  | 题店<br>Qudian              | Qudian        | *: |  |
| #4  | oscar                     | Oscar         |    |  |
| #5  | AVANT                     | Avant         |    |  |
| #6  | 陆金所LU.com                 | Lufax         | ** |  |
| #7  | .,Kreditech               | Kreditech     |    |  |
| #8  | Atom                      | Atom Bank     |    |  |
| #9  | <b>京东金融</b><br>JD Finance | JD Finance    | *  |  |
| #10 | Kabbage <sup>®</sup>      | Kabbage       |    |  |

Source "Fintech100" in 2017 by H2 Ventures and KPMG, based on comprehensive analysis relating to total capital raised, rate of capital raising, geographic diversity, sectorial diversity, X-factor (degree of product, service and business model innovation).



# A Data Technology empowered credit facilitator

(A)

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## Our leadership, scale and achievement





62.4mn registered users 26.2mn approved users As of December 31, 2017



RMB88.9bn credit facilitated RMB2.2bn GAAP net profit During FY2017



**6.9mn** active borrowers<sup>(1)</sup> 88.5% repeat borrowers<sup>(2)</sup> In 4Q17



**RMB11.2bn** outstanding loans As of December 31, 2017<sup>(4)</sup>



< 0.9% M1+ delinquency rate<sup>(3)</sup> Through December 31, 2017, for 1Q17 to

40,000+ credit drawdowns and repayments 1 hour on average in 4Q17 562,000+ credit transactions on Singles' Day 2017





3Q17 vintages



Superior efficiency enabled by technology



Massive amount of high frequency data



Note (1) (2) (3)

- Borrowers who have drawn down loans at least once during the period
- Active borrowers in the specified period who have made at least two drawdowns since such borrowers' registration until the end of the specified period

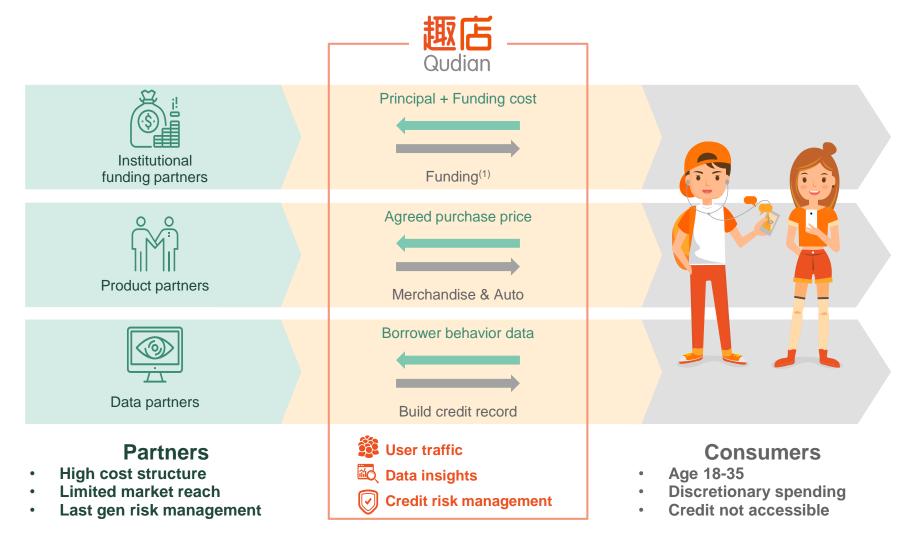
M1+ Delinquency Rate by Vintage is defined as the total balance of outstanding principal of a vintage for which any installment payment is over 30 calendar days past due as of a particular date (adjusted to reflect total amount of recovered past due payments for principal, before charge-offs), divided by the total initial principal in such vintage

Total outstanding loan principal (including RMB9.150mn on-balance sheet loan principal outstanding and RMB2.035.9mn off-balance sheet loan principal outstanding) as of December 31, 2017

## **Business overview**



## Aggregator and facilitator for accessible credit



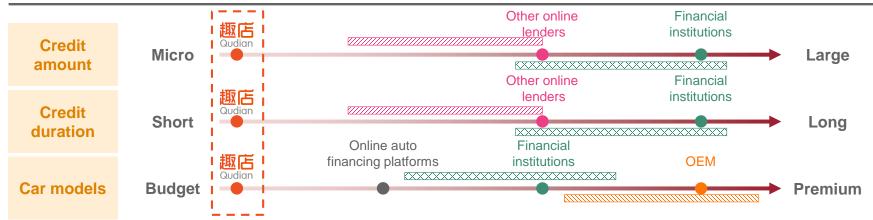
Note: (1)

We have established a variety of funding arrangements. For example, certain of our institutional funding partners directly provide funding to borrowers for credit drawdown that we facilitate. We also utilize our own capital to fund credit drawdown in many instances to enable borrowers to access credits instantly.

# Qudian: A conservative DNA within high growth opportunities



### **Product risk**



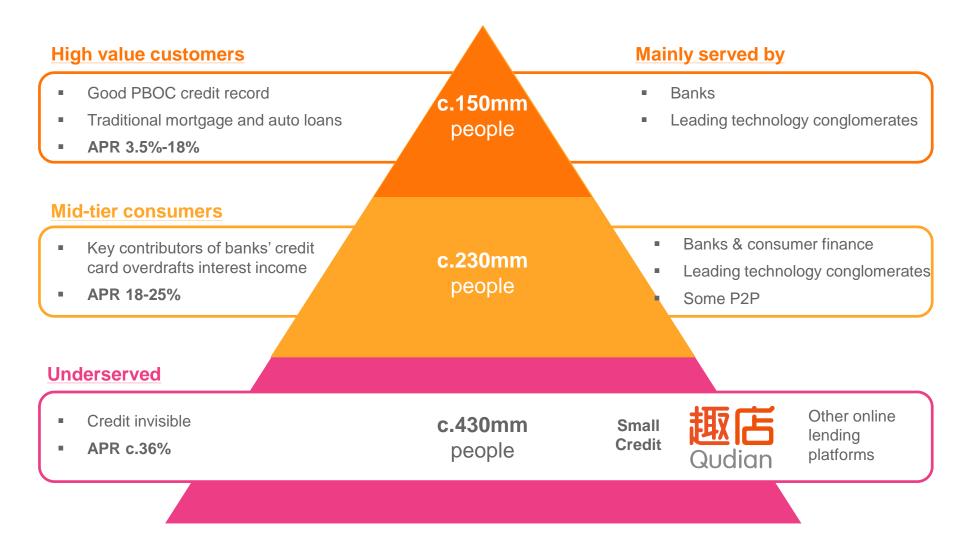
### **Risk management ability**





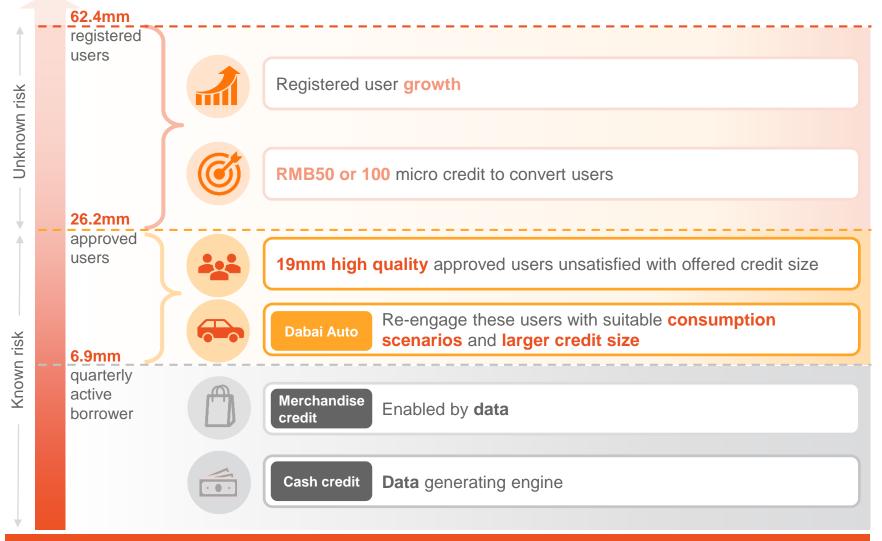
# **1** Large population of unbanked or underbanked





## **1** Market leader with a large user base





### Provision of personalized credit in different consumption scenarios to actively engage users

Note: (1)

Delinquency rates peers benchmarking



|                                   | 趣店 Listco A                                       |                                      | Listco B   | Listco C                  |  |                                |
|-----------------------------------|---|--------------------------------------|--|---------------------------|--|--------------------------------|
| (FY2017, unless otherwise stated) | Cash loans  | Merchandise<br>loans                 | Product I  | Product II <sup>(1)</sup> |  |                                |
| Average term                      | ~2 months   | ~9 months                            | 2 weeks to 3<br>months                                     | 20 months                 | 6.7 months <sup>(2)</sup>  | 12 to 48 months                |
| Average ticket size<br>(RMB)      | 960   | 1,400                                | 830  | 77,059 <sup>(3)</sup>     | 2,470  | 82,816 <sup>(4)</sup>          |
| Delinquency rate<br>definition    | M1+ Delinquency<br>at Dec 31, 2017 fo<br>vintages | Rate by Vintage as<br>r 1Q17 to 3Q17 | Annualized loss<br>rate on<br>consumption<br>loans in 2017 | ()Verall litetime         | Cumulative M1+<br>past due<br>delinquency rates<br>by loan<br>origination<br>vintage as at Dec<br>31, 2017 for<br>1Q17 to 3Q17<br>vintages | net charge-off rates as of Dec |
| Delinquency rate (5)              | <0.   | 9%                                   | 3.7%   | 12~13%                    | <5.2%  | 9.3%                           |

Notes:

Based on prospectus disclosure, up to the year ended December 31, 2016

 (1)
 Based on

 (2)
 For 4Q17

 (3)
 For the ye

 (4)
 Average log

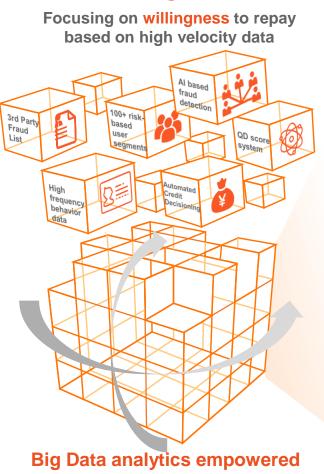
3) For the year ended December 31, 2016

Average loan amounts for standard loan products for the year ended December 31, 2015. In 2014, 2015 and 2016, standard loan products represented the majority of

the loans that were made through the marketplace

(5) Due to differences in definitions, the rates presented may not be directly comparable.





Note: (1) (2)

### Our evolving risk model

### Data abundance

- 41K transactions / hour (1)
- 130mn+ actual transaction backed analytics
- 120mn+ completed transaction

## Multi-dimensional

- **1,000+** variables / transaction
- 300+ credit policy rules

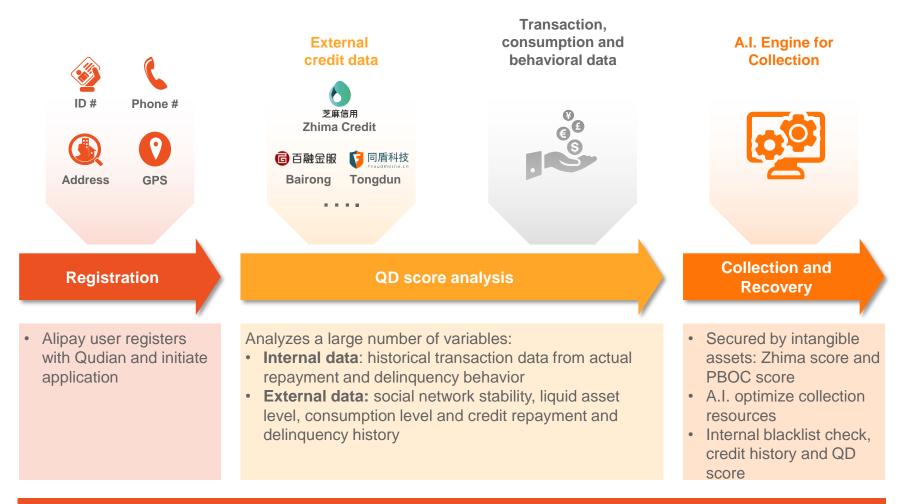
# Predictability of Defaults<sup>(2)</sup>

## Automation & Al

- Automated decision-making
- Reduces labour costs

Credit approval and servicing process

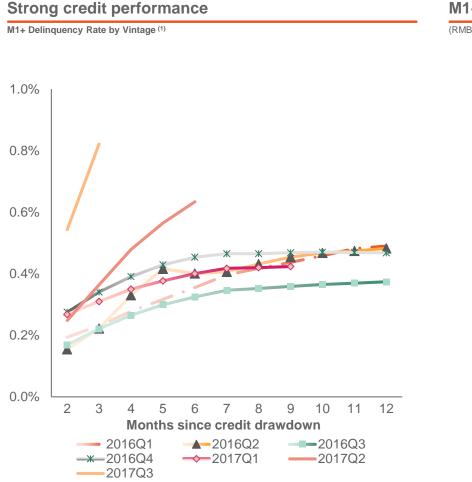




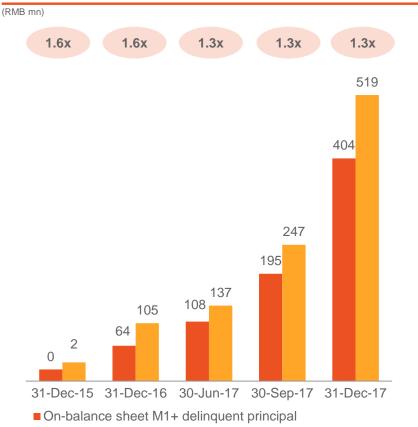
### Within 10 seconds, 100% mobile, 100% automated

## 2 Superior risk management capability Credit performance





### M1+ Delinquency Coverage Ratio<sup>(2)</sup>



Balance of allowance for principal and financing service fee receivables

#### Notes:

- (1) We define "M1+ Delinquency Rate by Vintage" as the total balance of outstanding principal of a vintage for which any installment payment is over 30 calendar days past due as of a particular date (adjusted to reflect total amount of recovered past due payments for principal and without taking into account charge-offs), divided by the total initial principal in such vintage.
- (2)

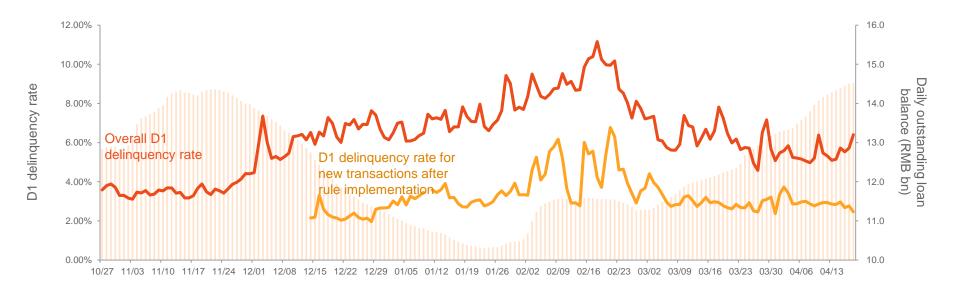
We define "M1+ Delinquency Coverage Ratio" as the balance of allowance for principal and financing service fee receivables at the end of a period, divided by the total balance of outstanding principal for on-balance sheet transactions for which any installment payment was more than 30 calendar days past due as of the end of such period.

## **2** Proven over Credit Downturn



Real life stress test of our robust risk management

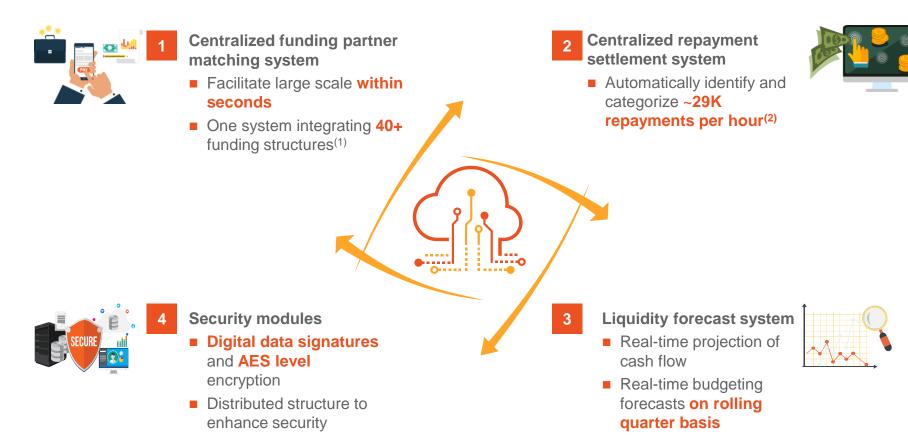
- An industry wide credit cycle downturn started in late November 2017
- Our response: launched a more stringent multi-source borrowing behavior rejection rule
- Results: the D1 delinquency rate of newly originated transactions (Dec 2017 till now) has fallen back to levels prior to the credit cycle downturn
- Continuous model optimization: better risk control while maintaining transaction volume and profitability growth



### We react very fast to the credit cycles

## 3 Advanced technology platform enables seamless funding at large scale





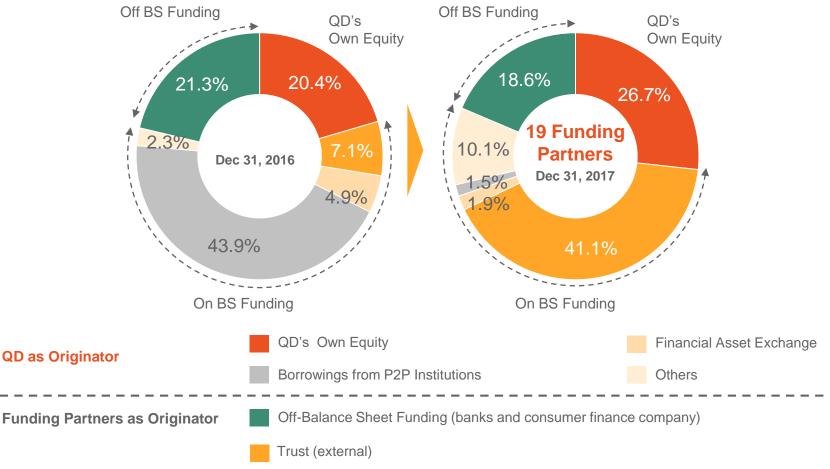
Seamlessly integration to rapidly facilitate transaction settlement at a massive scale and forecast funding needs on a real-time basis

One funding partner may have various structures and accounts.
 Based on the total number of repayment in 4Q17

# **4** Diversified funding and efficient balance sheet

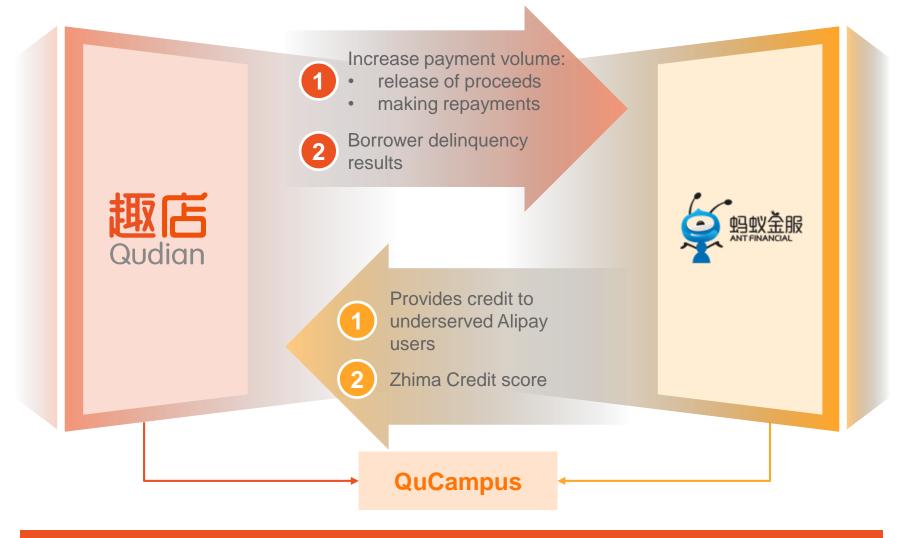






# **5** Partnership with Ant Financial

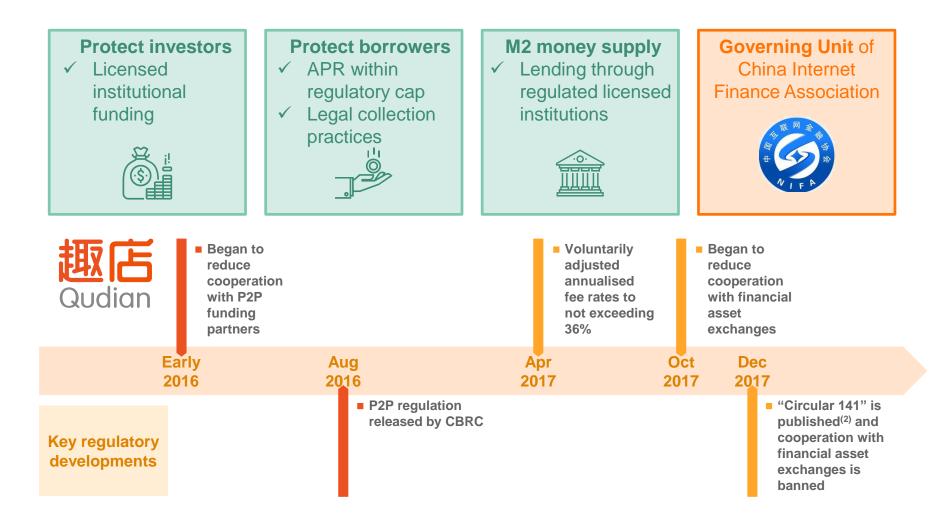




Mutually beneficial relationship with Ant Financial

# 6 Anticipates and proactively complies with regulations





# **7** Visionary and experienced management team

|  | Know how   | Role / Achievement  | E-commerce experience |
|--|--|---|-----------------------|
| Min LUO<br>Founder, CEO                  | <ul> <li>&gt;10 years of entrepreneurial<br/>experience in e-commerce and<br/>online social platform</li> <li>Previous experience include<br/>OkBuy.com, Jiyiri.com and<br/>dipian.com</li> </ul>  | <ul> <li>Founded Qudian in 2014</li> <li>Successfully obtained investments from leading investors including Ant Financial</li> <li>Outstanding entrepreneur under 40</li> </ul> |                       |
| Carl YEUNG<br>Chief Financial<br>Officer | <ul> <li>&gt;10 years of experiences in the tech<br/>and finance industry</li> <li>Previously served as CFO of US-<br/>listed ATA and SKY-mobi and HK-<br/>listed BAIOO Family Interactive</li> <li>Co-founder of an e-commerce<br/>company</li> <li>Joined Qudian since 2016</li> </ul> | <ul> <li>Successfully led Qudian's IPO in<br/>October 2017 and raised<br/>US\$1,035mn</li> </ul>  |                       |
| Long XU<br>Head of DaBai                 | <ul> <li>Serial entrepreneurial experience<br/>since 2005 and rich experience in<br/>product development and<br/>operations</li> <li>Ex-CEO of Quwan.com</li> </ul>  | <ul> <li>Leads development of Dabai Auto<br/>incorporating earlier experience in<br/>internet and e-commerce</li> </ul>   |                       |
| Chuanjiang GE<br>Head of<br>Operations   | <ul> <li>&gt;12 years of experience in product<br/>design, digital marketing and<br/>operations</li> <li>Rich experience in internet and<br/>offline channels management</li> <li>Joined Qudian since 2015</li> </ul>  | <ul> <li>Leads development of the merchandise business supply chain</li> <li>Leads the exploration into new verticals (e.g education financing)</li> </ul>                      |                       |

Proven track records in managing high growth companies and strong capabilities in achieving large scale within a short period of time and managing different consumption scenarios in a dynamic industry

Qudian

# Outstanding and talented employees





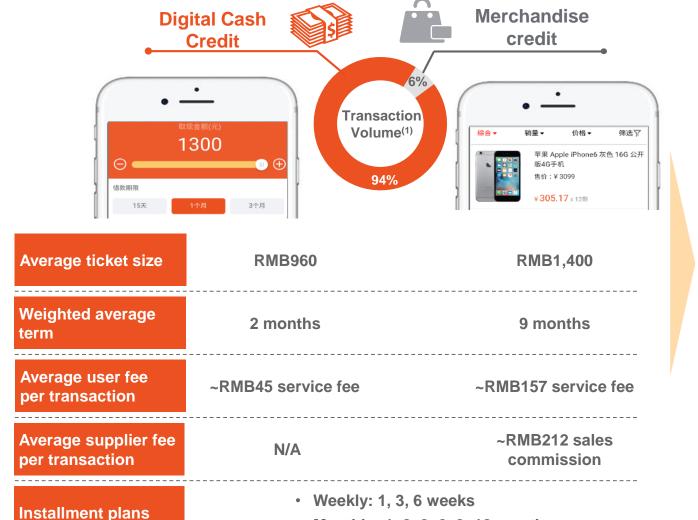
Our talented employees are equipped with rich experience from various industries including internet, finance, automobile, e-commerce and others

## **Operations overview**: Cash credit & Merchandise credit



## **Cash and merchandise credit product offerings**





• Monthly: 1, 2, 3, 6, 9, 12 months

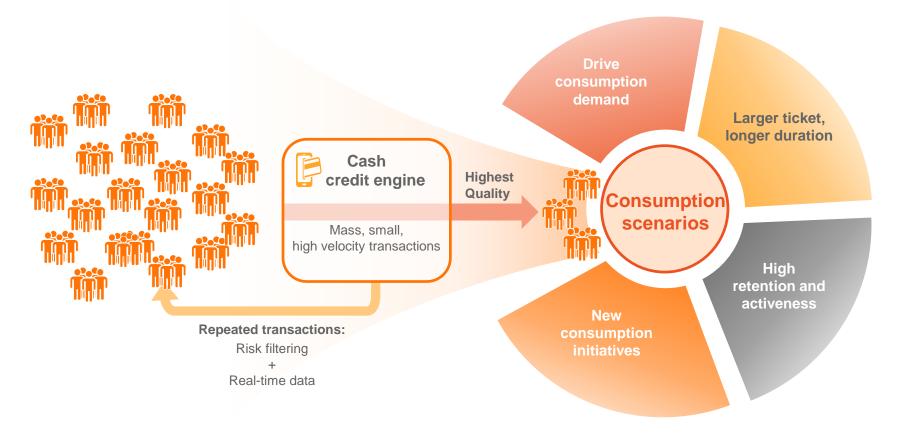
Immediate needs for discretionary consumption

High transaction frequency and large data volume

Small amount, low risk

# Unlocking nascent credit-based consumption demand



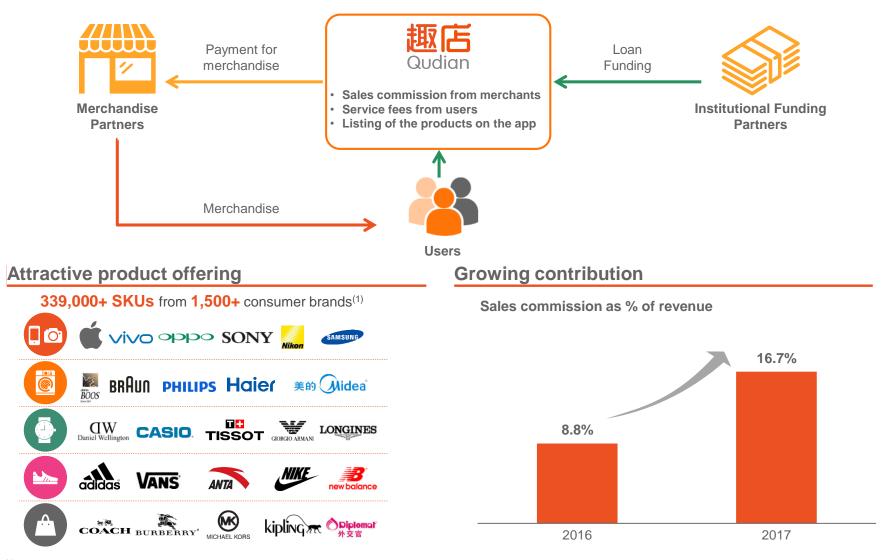




Empowered by large scale data to offer competitive consumption scenario

## **Merchandise credit**





## **Operations Overview**: Dabai



# Why Dabai Auto?



### 1 Monetize massive user base

26.2mn Users with credit approved

6.9mn Users utilizing credit<sup>(1)</sup>

- ~19mn high-quality credit approved users inactive
- Re-engage through larger ticket size, assetbacked product

- 2 Compelling market fundamentals
- Low auto-financing penetration in China vs US
- Lower tier cities underpenetrated by traditional dealerships
- Large, underserved young car buyers population without access to financing
- Desire for convenient user experience in Auto New Retail

## **3** Strong balance sheet









Circular 141 encourages USER CASE Specific loans

## Dabai Auto overview

## Latest achievements

- 1. Successful launch execution and ramp up:
  - 175 locations in 80 days
  - 600+ staff in 30 days
  - 6,600+ vehicles leased out as of March 31, 2018
- 2. Efficiency and profitability
  - Expect to be profitable in 2018
  - Average delivery 16.9 days in April
- 3. Prudent risk management
  - Online/offline credit assessment
  - Residual value management
  - M1+ delinquent cars **0 cars** as of March 31, 2018









## Dabai Auto business model

Auto finance leasing



## "First Car" for young people

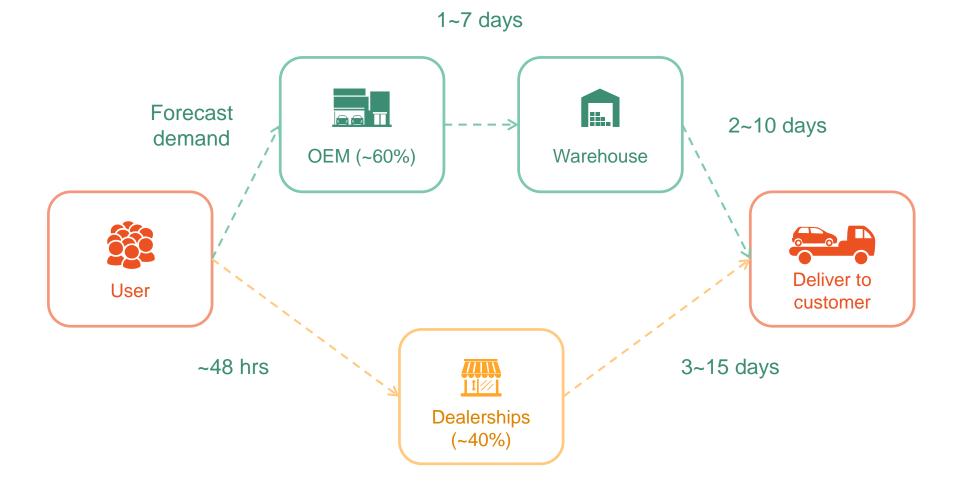
- Affordable: 10% down payment + 2,000~4,000 RMB/ month
- Fast: As quick as 2 day delivery, typically around 20 days
- Typically ~RMB100K per car



## Auto procurement process

A smarter and lower risk inventory





# Strong online traffic merged with nation-wide offline network





**175** self-operated shops across China

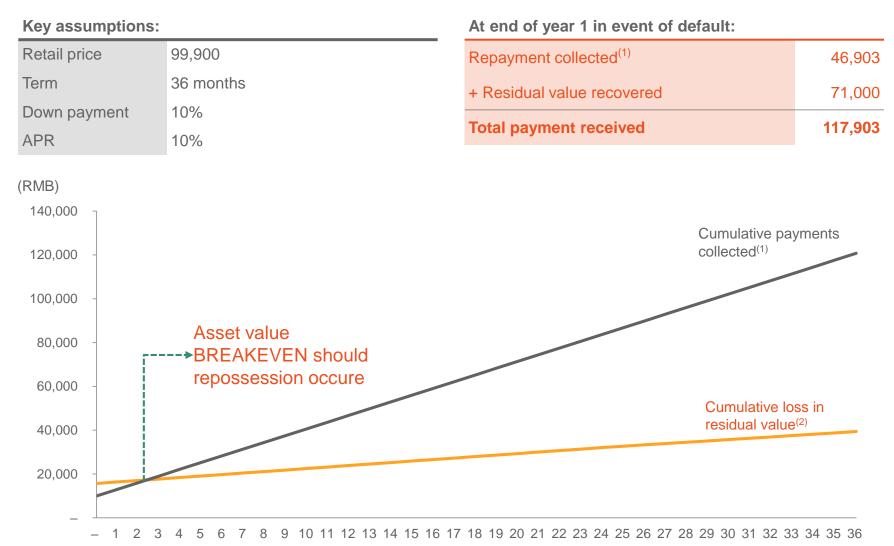
6,600+ vehicles leased out<sup>(1)</sup>

**3-5 tier** cities coverage

City centers & shopping malls

## **Residual value risk management illustration**





Months

For illustrative purposes only and not indicative of the entire portfolio of finance lease receivable. Based on car model Cavalier and retail price RMB 99,900 according to OEM. Inventory cost including handling expense around RMB 94,897 per Dabai internal data and not indicative of the entire portfolio of finance lease receivable. Note: Amortized assuming monthly repayments over 36 months, nominal APR 10%. Monthly repayment RMB 3,076 according to Dabai App.

Residual value according to Che300.com. Assuming 16.5% depreciation on Day 1, cumulative depreciation of 25% at end of year 1, 34% at end of year 2 and 42% at end of year 3.

<sup>(1)</sup> 



## **Pre-financing**

**130mn+** credit transactions<sup>(1)</sup> from QD - **proprietary** repayment and delinquency data

**PBOC** Credit Reference Center data access

Anti-fraud, anti-multiple borrowing at front

Offline validation

## **Post-financing**

**Telematics system** ongoing monitoring

Self-operated call center

**PBOC** Credit Reference Center data feedback

Vehicle repossession

Disposal with profit potential

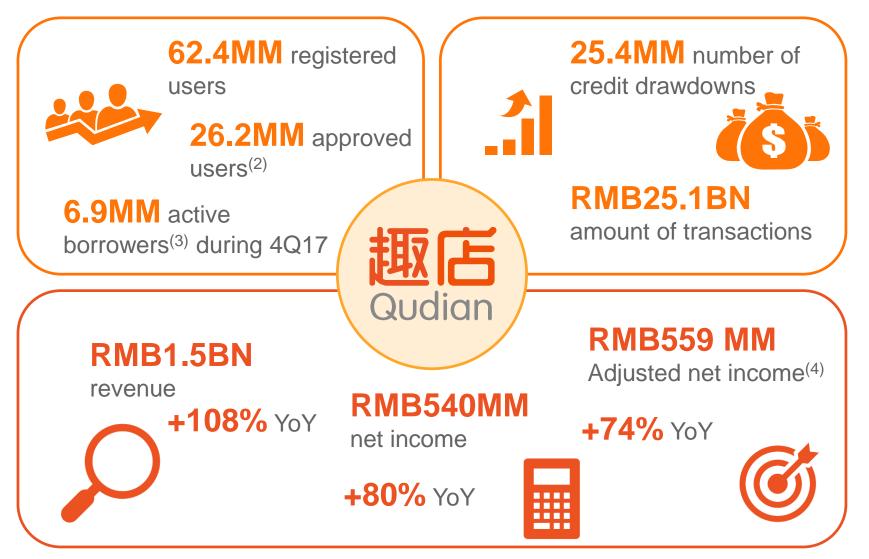
## **Residual value**

- RMB100K vehicle: depreciates by 15-20% maximum in year 1
- QD: receives 10% down payment + 30-40% regular payment in year 1



# 4Q2017 Financial and Operating Highlights<sup>(1)</sup>



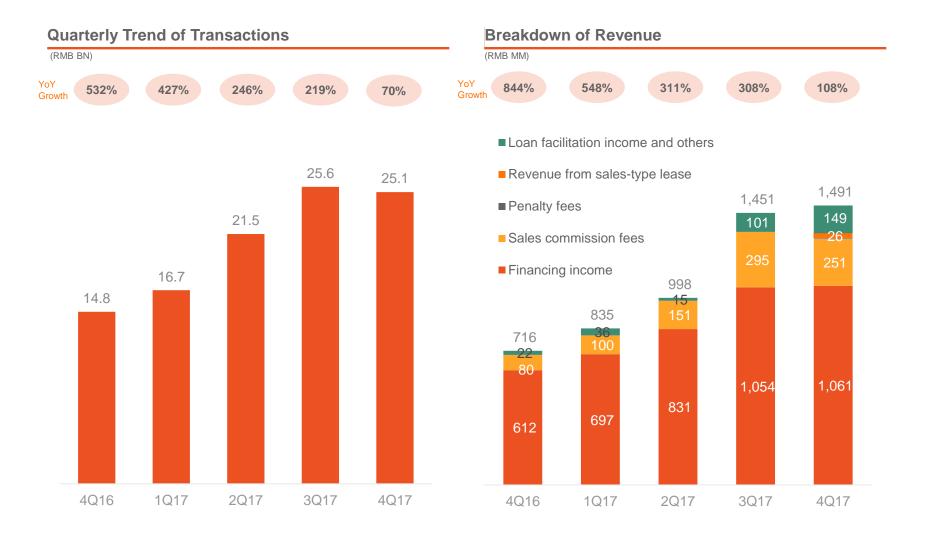


#### Note:

- (1) The following operating data relate to cash credit and merchandise credit offered by the Company.
- (2) Approved users are the total number registered users who have been approved of credit.
- (3) Active borrowers are borrowers who have drawn down credit in the specific period.
- (4) Adjusted net income represents net income before share-based compensation expense.

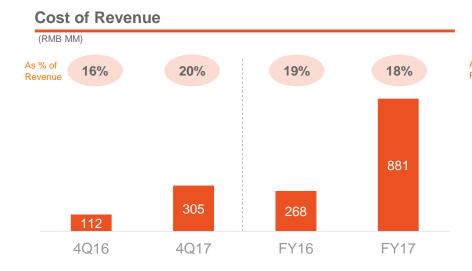
## **Quarterly Transaction and Revenue**



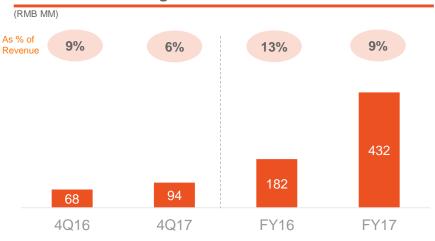


## **Quarterly Costs and Expenses**





### Sales and Marketing



### **General and Administrative**

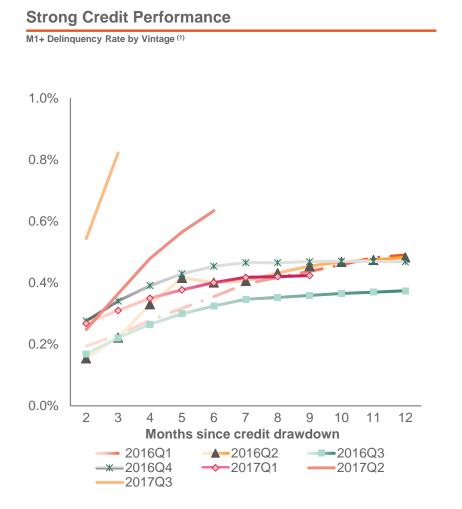


### **Research and Development**

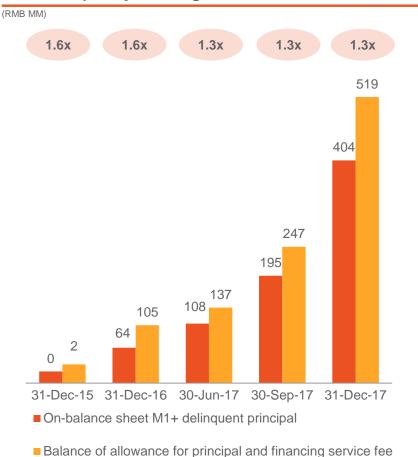


## **Credit Performance**





### M1+ Delinquency Coverage Ratio<sup>(2)</sup>



Notes:

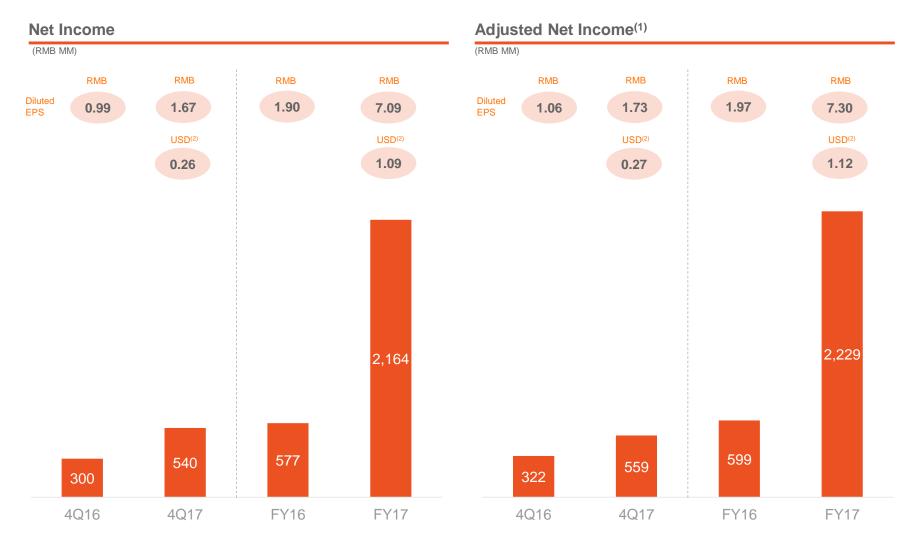
(1) We define "M1+ Delinquency Rate by Vintage" as the total balance of outstanding principal of a vintage for which any installment payment is over 30 calendar days past due as of a particular date (adjusted to reflect total amount of recovered past due payments for principal and without taking into account charge-offs), divided by the total initial principal in such vintage

receivables

(2) We define "M1+ Delinquency Coverage Ratio" as the balance of allowance for principal and financing service fee receivables at the end of a period, divided by the total balance of outstanding principal for on-balance sheet transactions for which any installment payment was more than 30 calendar days past due as of the end of such period

## **Quarterly Net Income and Diluted EPS**





#### Note:

(1) Adjusted net income represents net income before share-based compensation expense.

(2) All translations of RMB into US\$ were made at RMB6.5063 to US\$1.00, the exchange rate on December 29, 2017 as published on the website of the United States Federal Reserve Board



## **Shareholding structure**





