THE KEY TO MOBILITY



## Efficient financing strategy in Asia

### Volkswagen Financial Services – Bernd Bode

THE KEY TO MOBILITY

### **Disclaimer**

The following presentations contain forward-looking statements and information on the business development of the Volkswagen Group. These statements may be spoken or written and can be recognized by terms such as "expects", "anticipates", "intends", "plans", "believes", "seeks", "estimates", "will" or words with similar meaning. These statements are based on assumptions, which we have made on the basis of the information available to us and which we consider to be realistic at the time of going to press. These assumptions relate in particular to the development of the economies of individual countries and markets, the regulatory framework and the development of the automotive industry. Therefore the estimates given involve a degree of risk, and the actual developments may differ from those forecast. The Volkswagen Group currently faces additional risks and uncertainty related to pending claims and investigations of Volkswagen Group members in a number of jurisdictions in connection with findings of irregularities relating to exhaust emissions from diesel engines in certain Volkswagen Group vehicles. The degree to which the Volkswagen Group may be negatively affected by these ongoing claims and investigations remains uncertain.

Consequently, a negative impact relating to ongoing claims or investigations, any unexpected fall in demand or economic stagnation in our key sales markets, such as in Western Europe (and especially Germany) or in the USA, Brazil or China, and trade disputes among major trading partners will have a corresponding impact on the development of our business. The same applies in the event of a significant shift in current exchange rates in particular relative to the US dollar, sterling, yen, Brazilian real, Chinese renminbi and Czech koruna.

If any of these or other risks occur, or if the assumptions underlying any of these statements prove incorrect, the actual results may significantly differ from those expressed or implied by such statements.

We do not update forward-looking statements retrospectively. Such statements are valid on the date of publication and can be superseded.

This information does not constitute an offer to exchange or sell or an offer to exchange or buy any securities.

Under the brand "Volkswagen Financial Services – the key to mobility" the subsidiaries of Volkswagen Financial Services AG as well as its sister company Volkswagen Bank GmbH render various services under the joint brand "Volkswagen Financial Services". Such services are banking services (through Volkswagen Bank GmbH), leasing services (through Volkswagen Leasing GmbH), insurance services (through Volkswagen Versicherung AG, Volkswagen Autoversicherung AG) as well as mobility services (inter alia through Volkswagen Leasing GmbH). In addition, insurance products of other providers are offered.

THE KEY TO MOBILITY



### **1** Overview and Funding Volkswagen Financial Services

### 2 Funding China

### 3 Funding Korea

### 4 Funding Australia

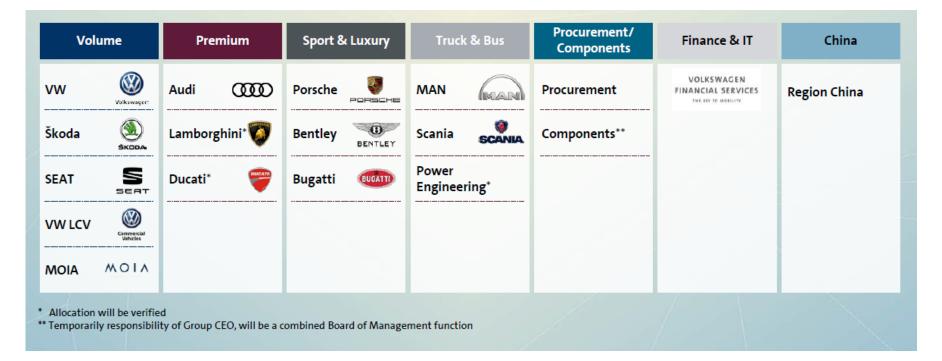
THE KEY TO MOBILITY

### Agenda



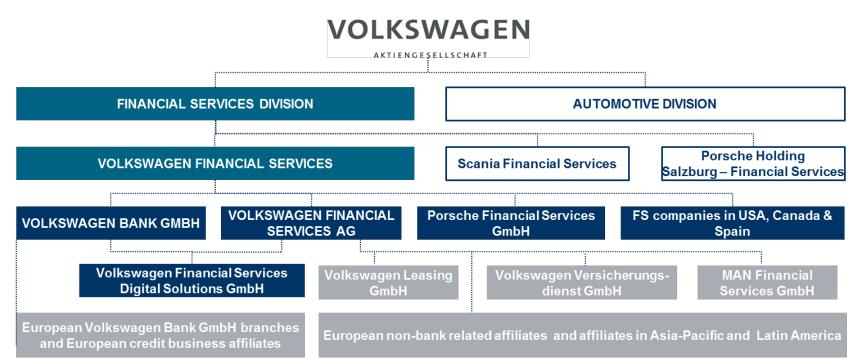
- 2 Funding China
- 3 Funding Korea
- 4 Funding Australia

### **Volkswagen Group Structure**



THE KEY TO MOBILITY

### Volkswagen Group – Group structure of Volkswagen Financial Services



THE KEY TO MOBILITY

### Volkswagen Financial Services at a glance (30/06/2018)

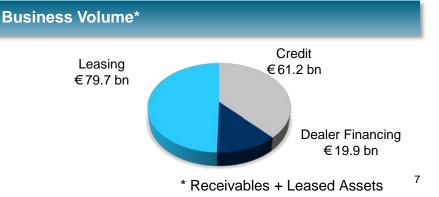
#### **Worldwide Presence**



Volkswagen Financial Services conducts business in **48 markets**.

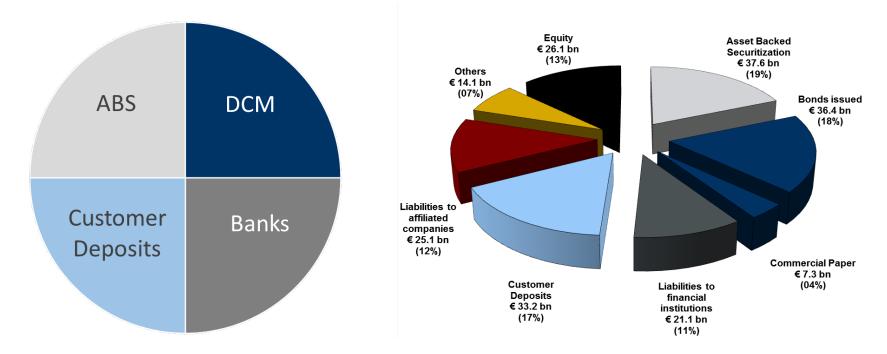
14. Structured FINANCE  Bernd Bode	21 November, 2018	Volkswagen Financial Services
------------------------------------	-------------------	-------------------------------

Key Figures	
Total Assets	€196.5 bn
Equity	€25.6 bn
Customer Deposits	€33.6 bn
Operating Profit	€1.2 bn
Employees	13,943
Contracts (units)	16.8 m



THE KEY TO MOBILITY

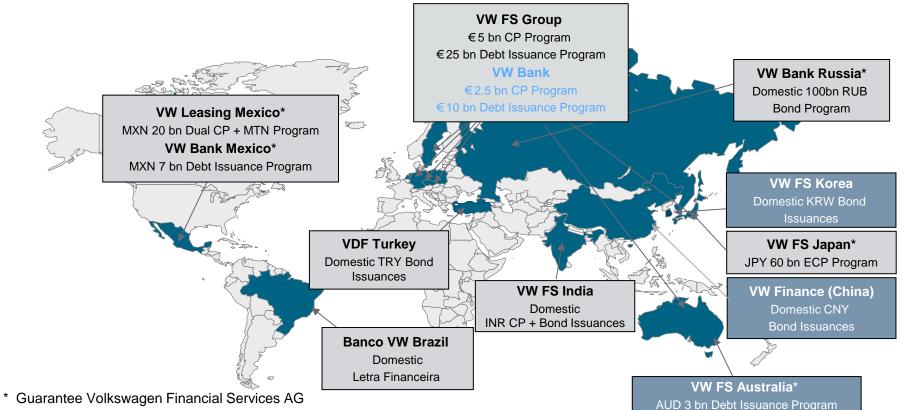
### Strategic Funding Allocation as of September 30, 2018 Total € 200.8 bn



14. Structured FINANCE | Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

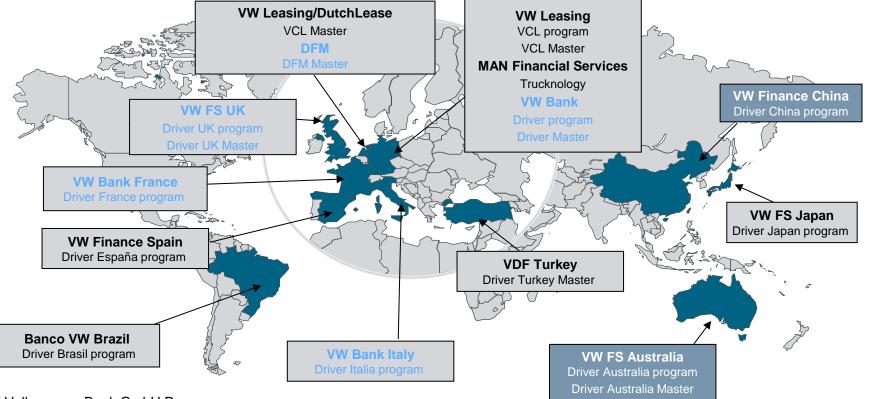
THE KEY TO MOBILITY

### **Worldwide Capital Market Activities**



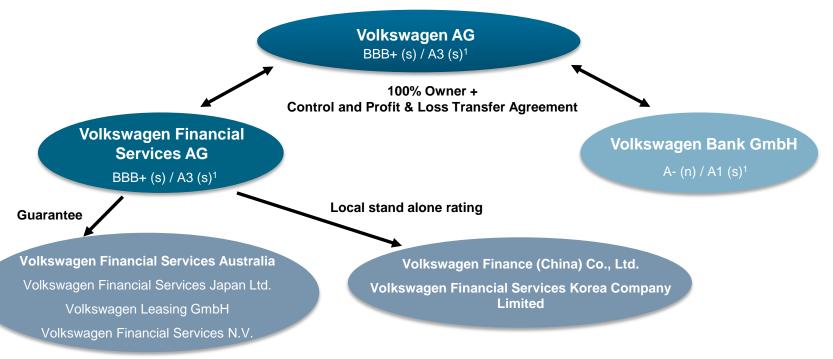
THE KEY TO MOBILITY

### **Worldwide ABS Activities**



THE KEY TO MOBILITY

# Volkswagen Financial Services organisational structure and guarantee scheme



<sup>1)</sup>Credit Ratings from Standard&Poors / Moody's as per 13 August 2018; (n) Outlook negative, (s) Outlook stable

14. Structured FINANCE| Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

### Agenda

**1** Overview and Funding Volkswagen Financial Services

2 Funding China

3 Funding Korea

4 Funding Australia

THE KEY TO MOBILITY

# Corporate Governance structure VOLKSWAGEN



AKTIENGESELLSCHAFT FINANCIAL SERVICES DIVISION AUTOMOTIVE DIVISION 上汽大众 SAIC VOLKSWAGE Volkswagen Financial Services AG **FAW** 40% SAIC 20% JAC **VCIC** 50% **VCIC** 50% 50% VW AG Volkswager VW AG 60% Audi AG Group Volkswagen Finance China SAIC FINANCE **FAW FINANCE** FAW VW Dealer Network NSC Dealer Network SVW Dealer Network

14. Structured FINANCE | Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

### Volkswagen Finance China - At a Glance (30/06/2018)

Key Facts		
Total assets	RMB 64,414.5 m	
Equity	RMB 8,730.3 m	
Operating profit	RMB 806.1 m	
Employees	944	
Contracts (units)	1.2 m	





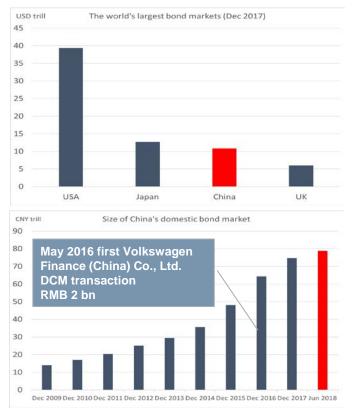


14. Structured FINANCE | Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

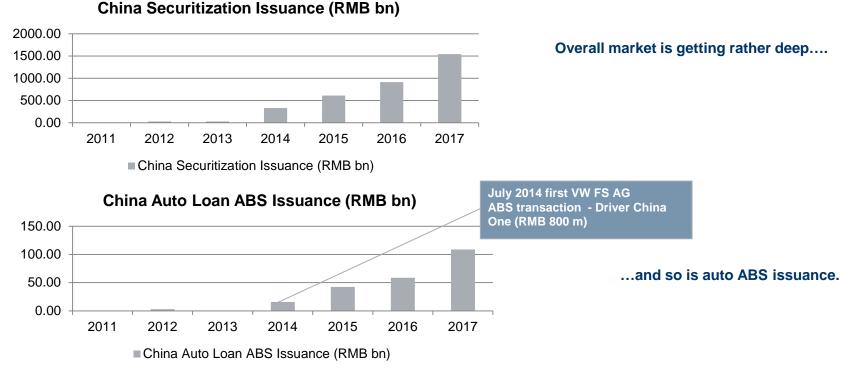
### China's onshore bond market is large.....and growing

- China's domestic bond market is the world's third-largest, with total outstanding bonds of RMB 79tn (US\$11.4tn)
- The market has grown rapidly (~500%) in the last decade and is poised for further growth, given:
  - China's "shadow banking" sector is rapidly shrinking amid the government's ongoing deleveraging efforts; and
  - China's corporate loan market is still ~4x the size of its bond market



THE KEY TO MOBILITY

### **Securitization in China**

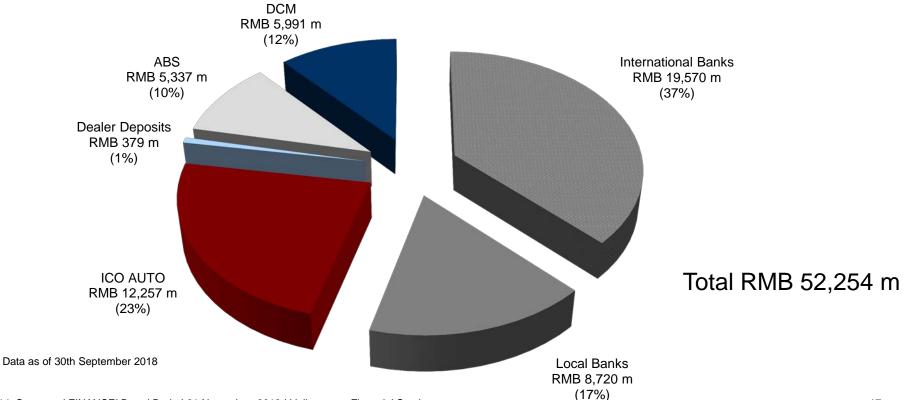


Source: Mizuho Analysis, China Securitisation Analytics

14. Structured FINANCE | Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

### **Current Funding Mix in China**



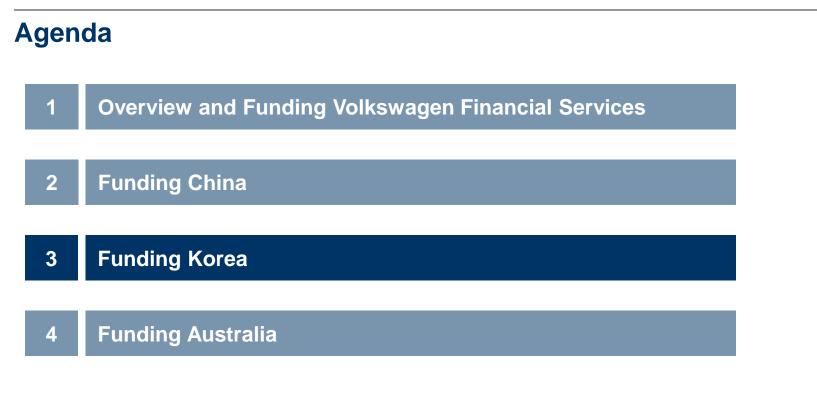
14. Structured FINANCE| Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

### **Lessons learned China**

- Long and complicated preparation procedures including negotiations with CBRC and PBOC. Hard legal frames to be followed.
- Yearly credit quota decided by the PBOC.
- ABS in general needs long internal set-up time for tapping new markets (ca. 18 months)
- Bonds preparation time shorter but approval from regulators required.
- First time international issuer  $\rightarrow$  VWFS as market opener for ABS.
- Rating: stand alone rating for each issuance by a local rating agency is a local legal requirement. Cooperation with rating agency CCXI.
- ➔ IMPORTANT: Issuances rely on regulatory approval. Backup via local bank lines needed. Funding sources beside local credit lines required.
- → Broad diversification of funding sources important.

THE KEY TO MOBILITY



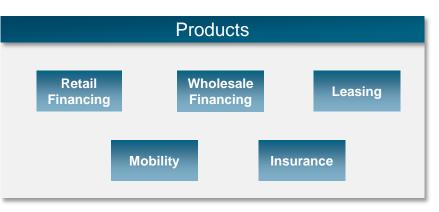
# THE KEY TO MOBILITY **Corporate Governance structure** VOLKSWAGEN AKTIENGESELLSCHAFT FINANCIAL SERVICES DIVISION AUTOMOTIVE DIVISION Volkswagen Financial Services AG Volkswagen Financial Services Korea Company Limited Audi Volkswagen Korea Company Ltd

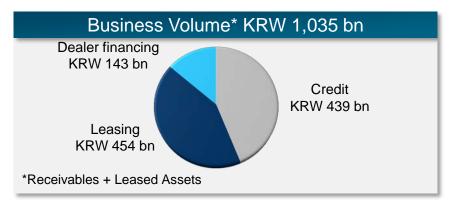
**VOLKSWAGEN FINANCIAL SERVICES** 

THE KEY TO MOBILITY

### Volkswagen Financial Services Korea Ltd - At a Glance (30/06/2018)

Key Facts		
Total assets	KRW 1,070 bn	
Equity	KRW 304 bn	
Operating profit	KRW 5.4 bn	
Employees	84	
Contracts (units)	37,531	



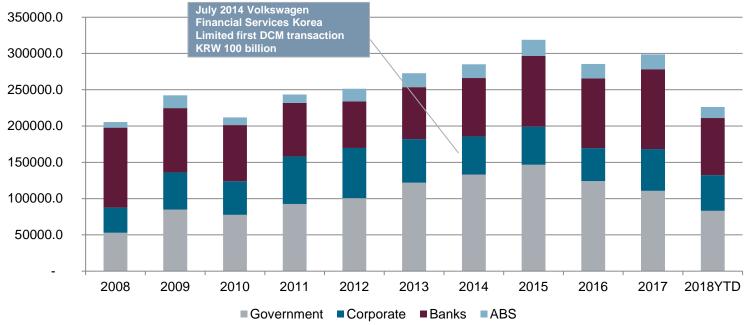




14. Structured FINANCE | Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

### Korea – DCM Overview (incl. ABS)

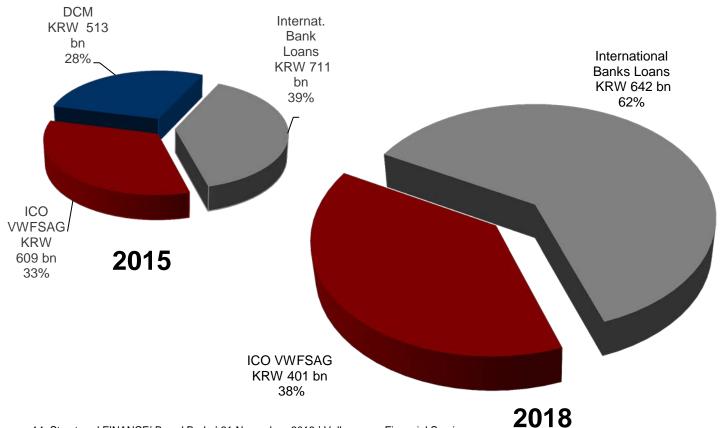


#### Bond Issuances by Amount (USDm)

Source: Mizuho Analysis, KOFIA (Korean Financial Investment Association), excluding Municipal, Other FI and others.

THE KEY TO MOBILITY

### **Current funding Mix Volkswagen Financial Services Korea Company**



14. Structured FINANCE| Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

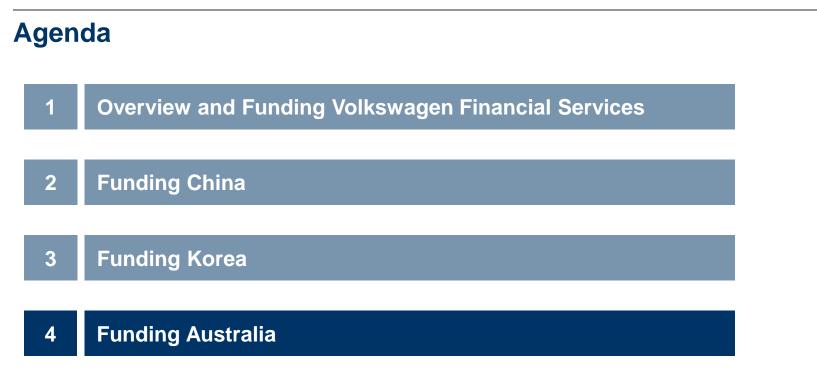
### **Lessons learned Korea**

Step by step establishment of diverse refinancing sources:

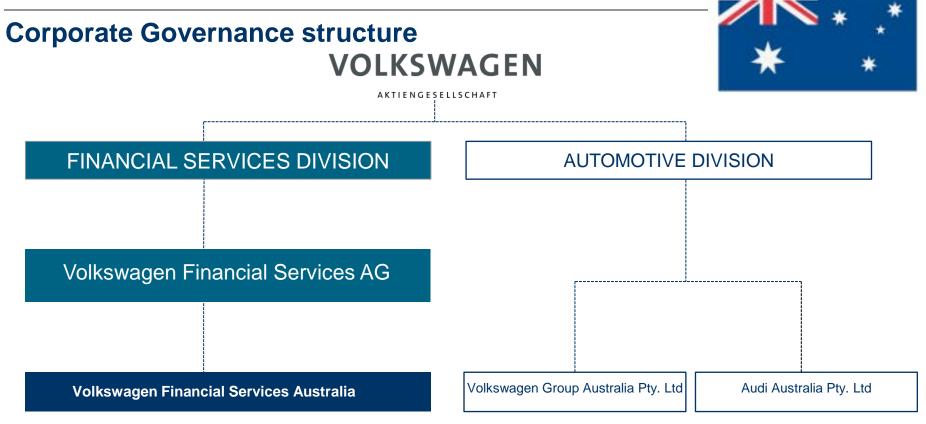
- 1. Local bond programme since July 2014.
- 2. ABS feasibility study.
- Rating: local legal requirement to have local rating agency. VWFS Korea rated by two agencies (Korea Investor's Service (KIS) and NICE Investors Service).
- → DCM: Programme established, currently no usage.
- → Further diversification via ABS only when sustainable portfolio growth.



THE KEY TO MOBILITY



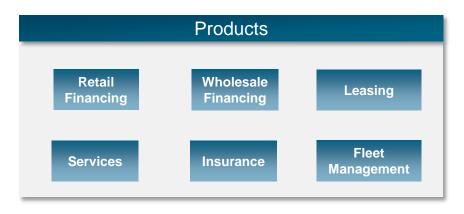
THE KEY TO MOBILITY

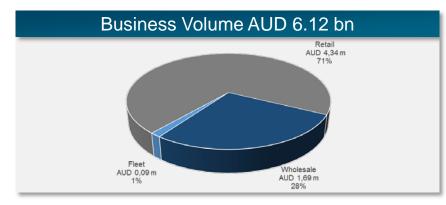


THE KEY TO MOBILITY

### At a Glance (30/06/2018)

Key Facts		
Total assets	AUD 6,483 m	
Equity	AUD 265 m	
Operating profit	AUD 16.2 m	
Employees	138	
Contracts (units)	142,886	



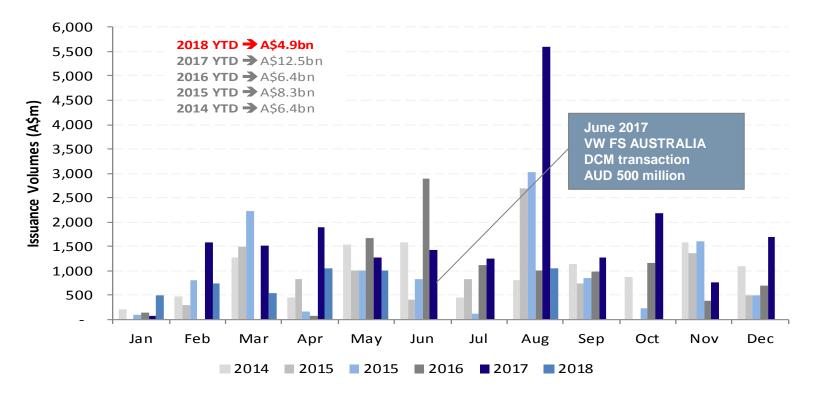




14. Structured FINANCE | Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

### Market Snapshot – AUD New Issues Volumes 2014-2018YTD

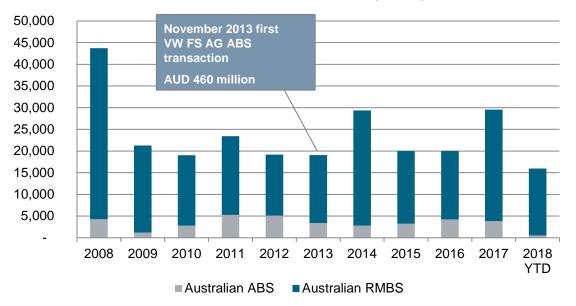


Source: Mizuho Analysis, Bloomberg as at 22 August 2018

14. Structured FINANCE| Bernd Bode | 21 November, 2018 | Volkswagen Financial Services

THE KEY TO MOBILITY

### Australian Securitization and Share of ABS



#### Australian Securitisation Market (USD m)

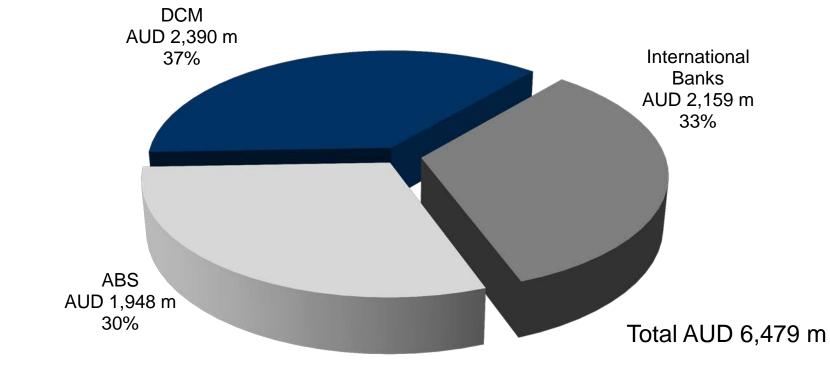
Source: Mizuho Analysis, Bloomberg (@ average annual FX rates)

Securitisation market is developed,

but so far mainly focused on RMBS.

THE KEY TO MOBILITY

### **Current funding Mix Volkswagen Financial Services Australia**



Data as of 30th August 2018

THE KEY TO MOBILITY

### **Lessons learned Australia**

- Strong business growth but limited AUD capital market.
- Multi brand business due to multi franchise and multi brand dealership.
- Growth path  $\rightarrow$  AUD funding sources not sufficient.
- Rating: no local rating required, issuances based on Volkswagen
  Financial Services AG rating. Bonds guaranteed by Volkswagen Financial Services AG.
- → Euro bonds out of European DCM programme.
- → Feasibility study for customer deposits.



THE KEY TO MOBILITY



# Thank You.

Volkswagen Bank GmbH Gifhorner Str. 57 38112 Braunschweig Germany www.vwfsag.de/en

#### **Bernd Bode**

Group Treasury and Investor Relations Volkswagen Financial Services

Tel.: +49 531 212 3807 bernd.bode@vwfs.com