

## **European Auto Industry Update**

Justin Cox, Director Global Production ECG Spring Congress, Madrid May 25<sup>th</sup> 2018

## **Outline**

Global Environment

Key Risk for Europe

Outlook

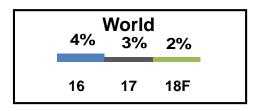


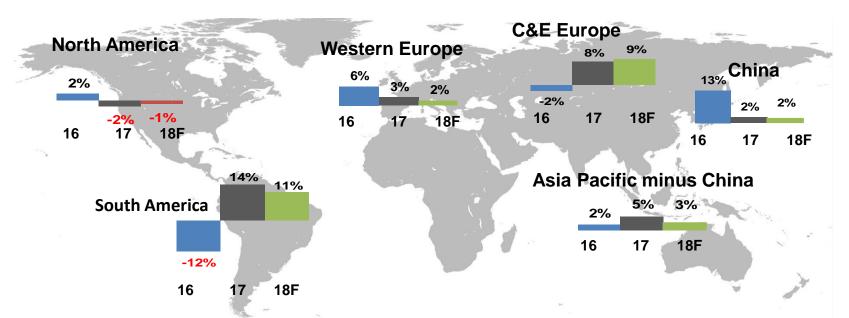
# **Economic Round-up: Near-term**

Real GDP Growth	2015	2016	2017	2018
USA	2.9%	1.5%	2.3%	2.8%
Argentina	2.6%	-1.8%	2.9%	2.8%
Brazil	-3.5%	-3.5%	1.0%	2.4%
Japan	1.4%	0.9%	1.7%	1.5%
ASEAN	4.5%	4.6%	5.2%	5.0%
China	6.9%	6.7%	6.9%	6.4%
India	7.5%	7.9%	6.2%	7.3%
Eurozone	2.0%	1.8%	2.5%	2.2%
Russia	-2.8%	-0.2%	1.7%	1.8%
UK	2.3%	1.9%	1.8%	1.7%
World	2.8%	2.4%	3.0%	3.2%

Source: Oxford Economics

## 2018 LV sales: 97.5 mn, +2.3% from 2017





### **Global Sales: Short run**

### China still dominates growth contribution as mature markets fade

China

USA

India

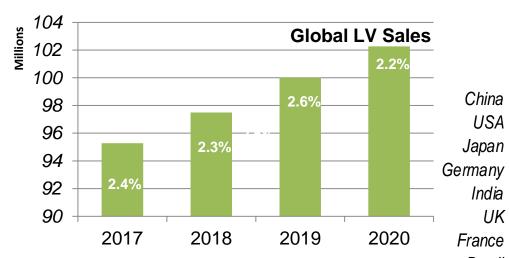
Brazil

Russia

Italy

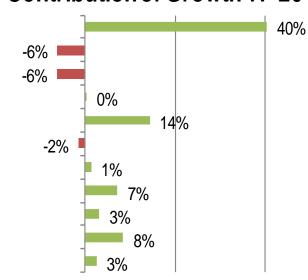
Iran

UK



- Short-term outlook remains positive
- 2018 slow: China 'hangover' and fading US/UK market
- 2019 pick-up: China pace returns
- Risks: Trade Tensions, Brexit, Russian isolation, Iran sanctions

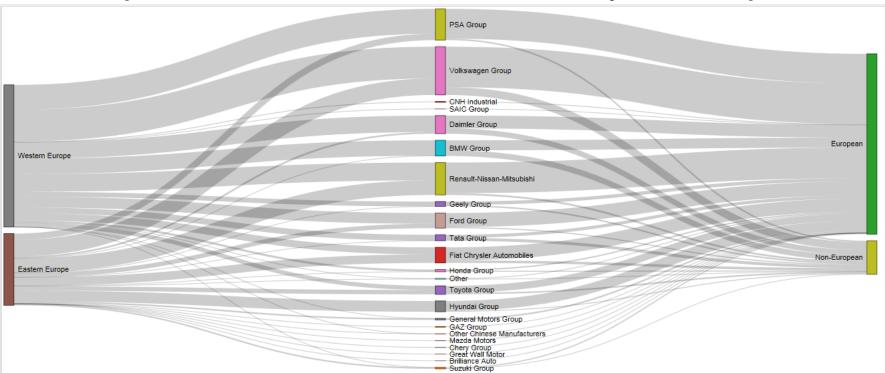
#### Contribution of Growth 17-20



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# Trade is complex...

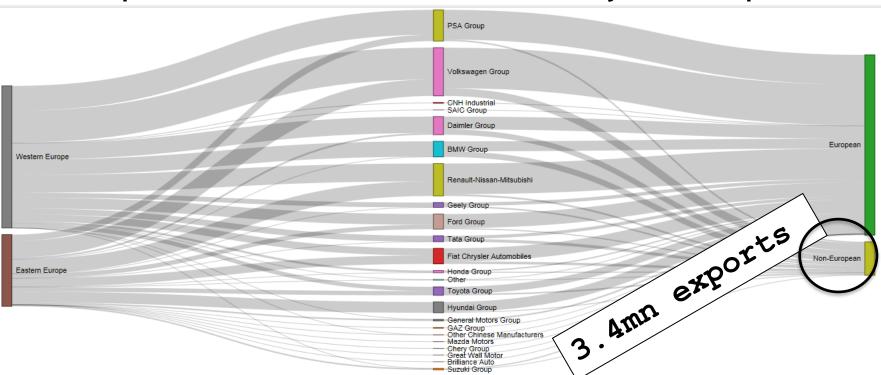
### 2018 European Production Source and Destination by OEM Group





## Trade is complex...

### 2018 European Production Source and Destination by OEM Group





2018 W European Production flow to Non-European Markets...

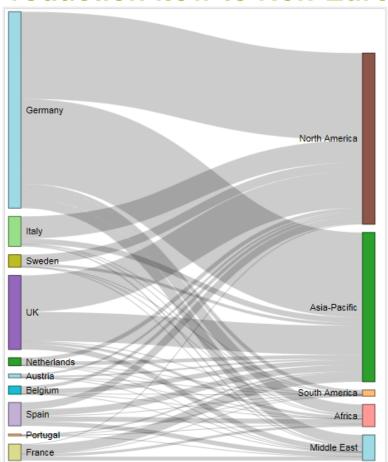
#### **Europe's Exporters**

Percentage of LV output bound for non-European markets

Germany: 25%

UK: 30% Italy: 27% Spain: 6%

France: 6%



#### **Europe's Importers**

Percentage of European exports by destination

N America: 44%

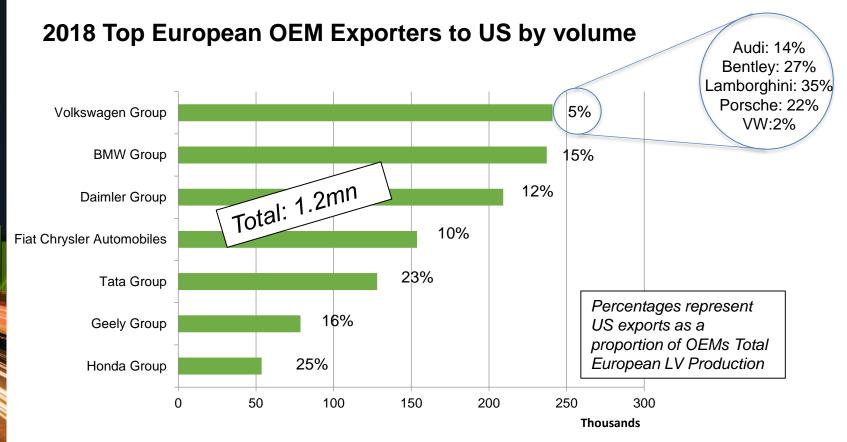
Asia: 38%

Mid East: 10%

Africa: 7%

S America: 1%

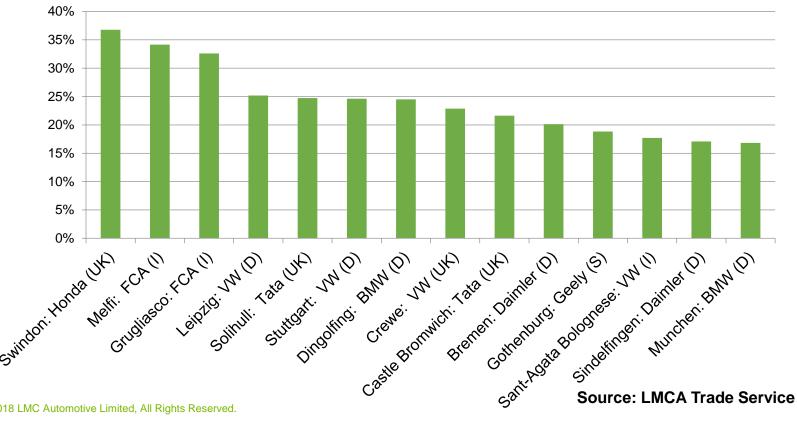
### **Risks: Trade**



**Source: LMCA Trade Service** 

### **Risks: Trade**

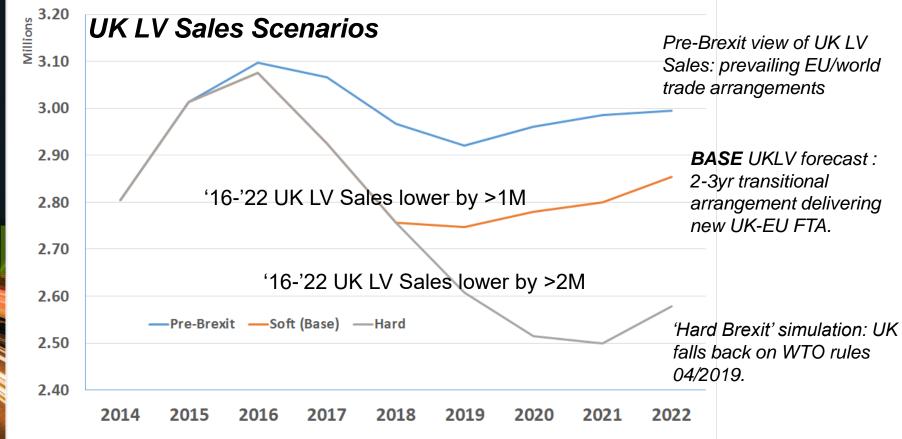
#### US-bound European LV exports as a percentage of 2018 plant output





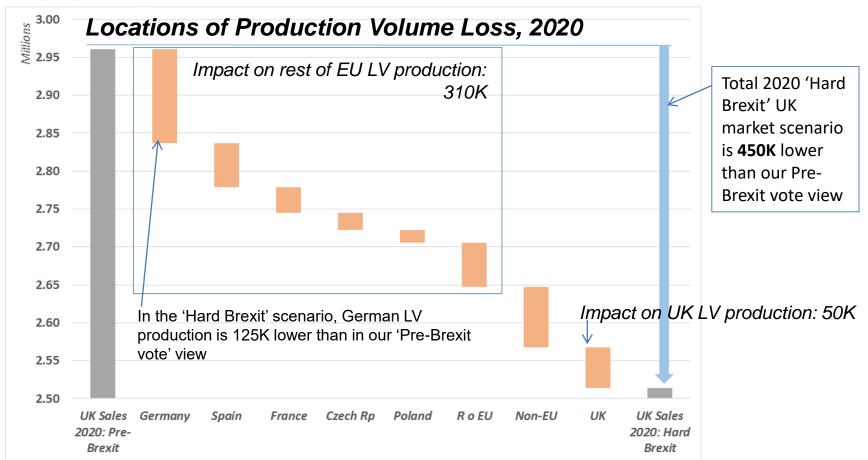
### **Risks: Brexit**





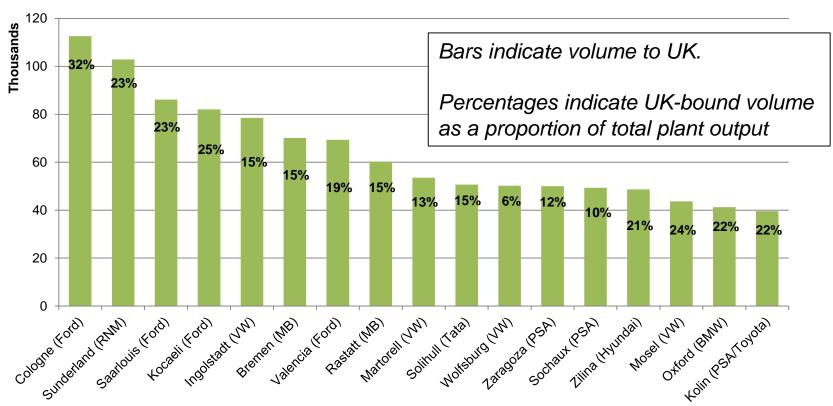
#### **Risks: Brexit**

### 'Hard Brexit' Scenario:



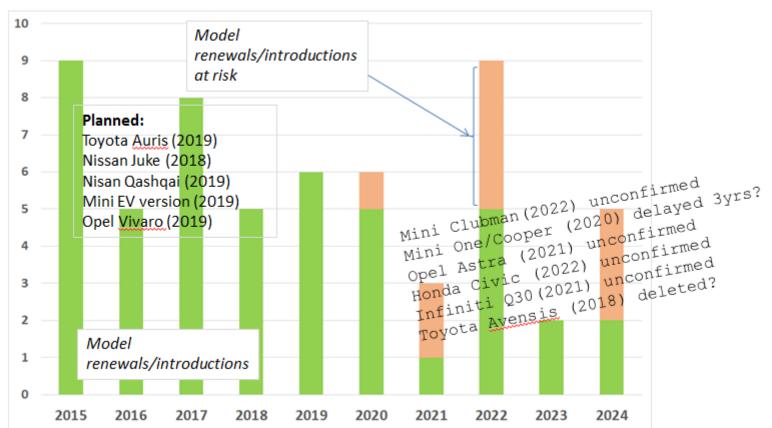
### **Risks: Brexit**

### 2018: Rank UK-bound production volume by plant





# Risks: Brexit, UK Model Cycle Impact

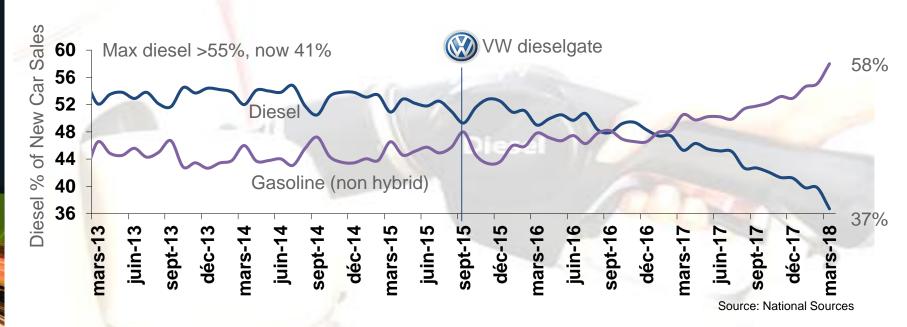


of new Model lines

Number

### **Risk: Diesel Demonisation**

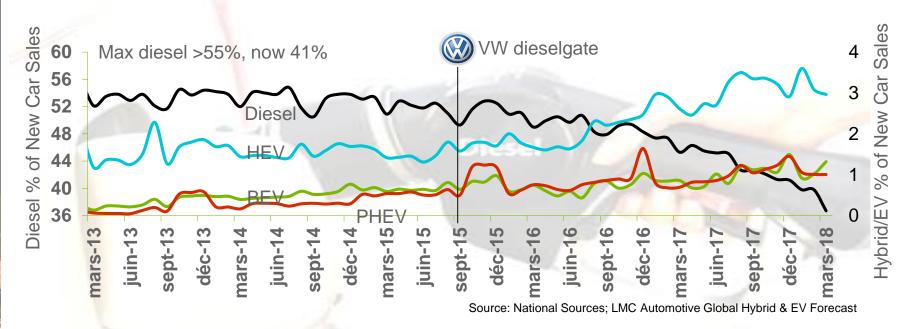
W. Europe Passenger Cars: Diesel versus Gasoline



- Of the 18pp diesel decline since peak, 15pp has gone to pure gasoline (non-hybrid)
- Car buyers may be willing to sacrifice fuel economy to avoid diesel

## **Risk: Diesel Demonisation**

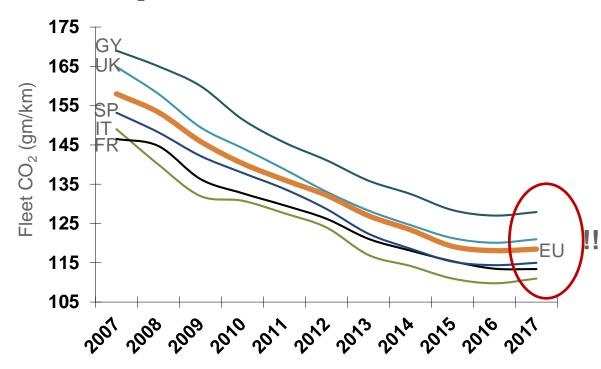
W. Europe Passenger Cars: Diesel versus Electrification



- So far, electrification is not reacting strongly to the decline in diesel
- FHEV is benefitting, but no real correlation between diesel decline and BEV increase

### **Risk: Diesel Demonisation**

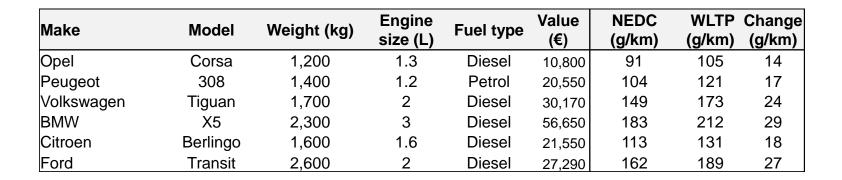
Pass Car CO<sub>2</sub> Emissions – Selected Markets



Source: European Environment Agency. 2017 figures are provisional.

- Decline in the diesel share diesel and the shift to less fuel efficient body styles (SUV) has led to slowdown in fleet CO<sub>2</sub> reduction rate
- 2017 fleet average emissions 0.4 gm/km up on 2016. Of the Big 5, only Italy achieved a decrease
- This is a potentially a big problem for OEMs (and policymakers)

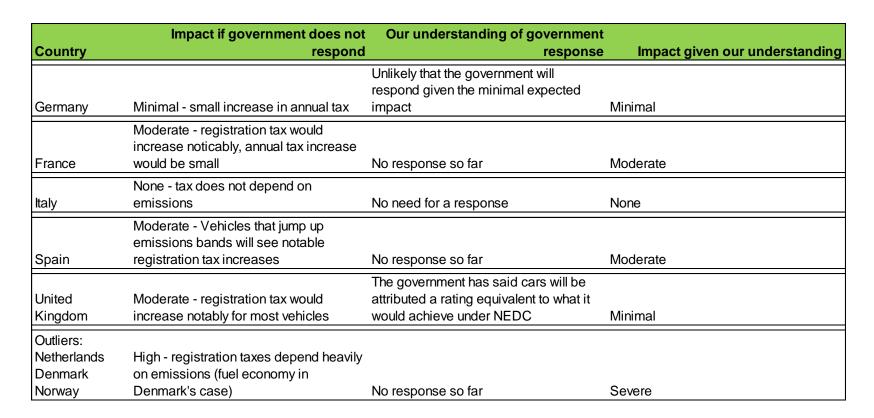
#### **Risk: WLTP**



- Introduction of uniform test protocol
- Global comparisons possible
- But emission results are 10-20% higher



#### **Risk: WLTP**





## **Outline**

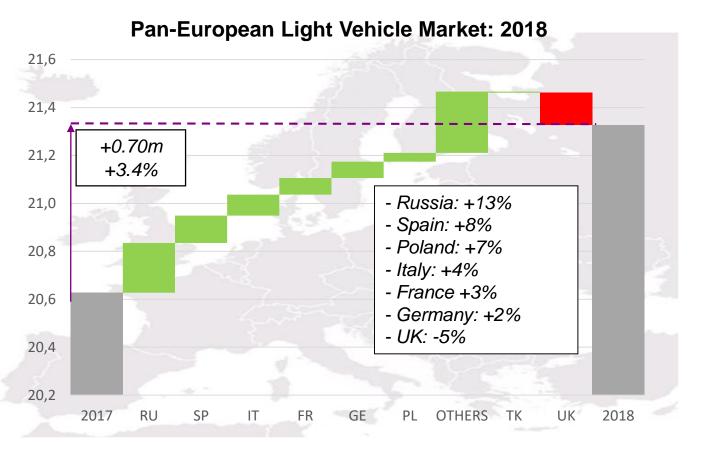
Global Environment

Key Risk for Europe

Outlook

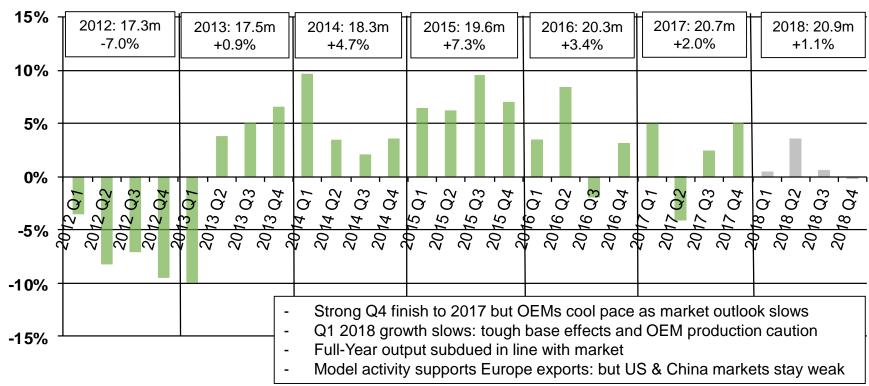


## **Short-run Sales Outlook**



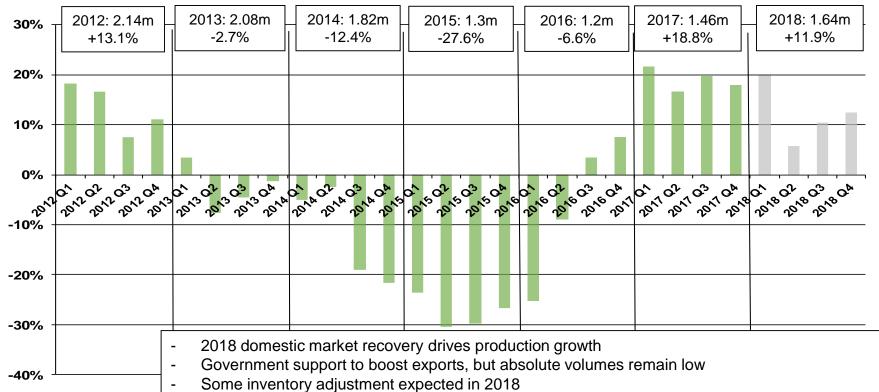
### **Short-run: Production Outlook**

#### **European LV Production Growth (excluding Russia)**



## **Short-run Production Outlook**

#### **Russian LV Production Growth**



## **Short-Run: Europe Inventories**

### **European Vehicle Inventory Assessment Overview** Selected Group

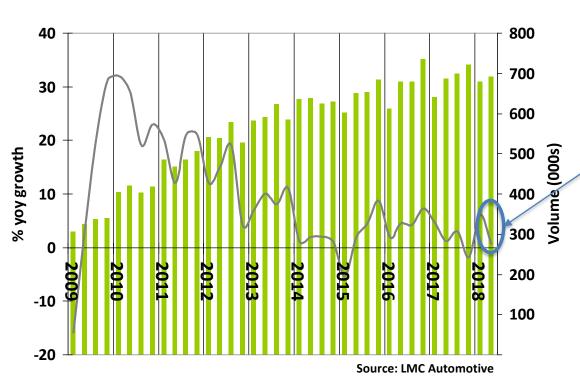
		End-of-Period Inventory Measure						
	Inv	Inventory Holding			Days Supply			
		000s						
	2018(Q1)	2018(Q2)	2018(Q3)	2018(Q1)	2018(Q2)	2018(Q3)	Benchmark	
BMW Group	425	393	402	59	61	59	57	
Daimler Group	482	464	436	62	62	56	56	
Fiat Chrysler Automobiles	393	340	342	61	66	56	*61	
Ford Group	336	333	305	63	62	63	*59	
PSA Group	682	664	595	59	67	60	*59	
Renault-Nissan Group	754	756	737	56	65	57	*61	
Tata Group	149	145	139	64	63	57	61	
Volkswagen Group	1,140	1,183	1,092	55	62	57	54	
Europe	4,956	4,887	4,631	58	63	58	57	

**Source: LMC Automotive** 

- Generally, OEMs maintain firm control of inventories
- No Red flags

## **Short Run: European Exports (NA,SA,Asia):**

#### Mixed start to 2018

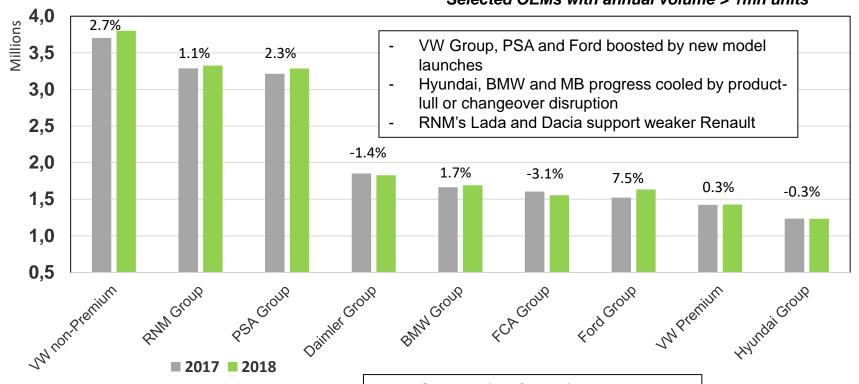


Soft markets in China and USA but model activity at FCA, Volvo and JLR are supporting exports into Q1 2018

### **Short Run: OEM Production Outlook**

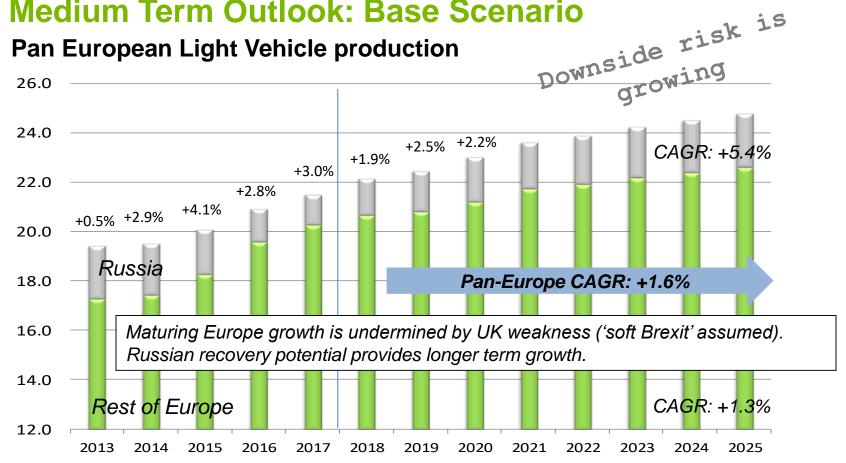
Pan-European\* Production: key OEM Group 2018 v 2017





Total Growth (all OEMs): +1.9% \*Includes Russia

### Medium Term Outlook: Base Scenario



## **Summary**

- European auto-markets currently remain solid but cyclical position of key markets and Brexit-hit UK will slow the pace of growth.
- Global Risks centred around trade uncertainty are growing
- Production continues to broadly mirror the development of European demand as overseas localisation and a slower export markets ease European output for export.
- Medium term, the European market remains the key driver. Brexit will provide a drag. Russia's isolation threatens headlineline European LV growth
- Robust global trade remains a key foundation of current 'synchronised' regional economic growth but recent protectionist 'posturing' raises the risk of a wide-reaching trade-war. Europe's OEMs exposed.







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Thank you