

# **RENAULT GROUP AUTUMN CONFERENCE KEPLER CHEUVREUX ISR**



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Further information on Renault can be found on Renault's web site ([www.group.renault.com](http://www.group.renault.com)), in the section Finance / Regulated Information.



# 01

## RENAULT IN BRIEF



# RENAULT – IN BRIEF

- Renault was founded in 1898 and is listed on the Paris NYSE Euronext since 1995
- Renault created an Alliance with Nissan in 1999
- Renault has strategic cooperation with Daimler
- Market capitalization of €27.4 bn as of Dec 2015
- Renault employs 120,136 employees worldwide
- 2,801,592 vehicles sold worldwide in 2015
- The Renault brand is ranked # 3 in Europe
- The company is a bond issuer via two entities:
  - Renault, rated BBB- by S&P (positive outlook)/BBB- (stable outlook) by Fitch / Baa3 (stable outlook) by Moody's
  - RCI Banque, its financing arm, rated Baa1 (stable outlook) by Moody's / BBB (stable outlook) by S&P

## OWNERSHIP OF CAPITAL AT END 2015

### BREAKDOWN OF CAPITAL AS A %



\* The portion of shares held by employees and former employees that are taken into account in this category corresponds to shares held in the FCPE mutual fund.

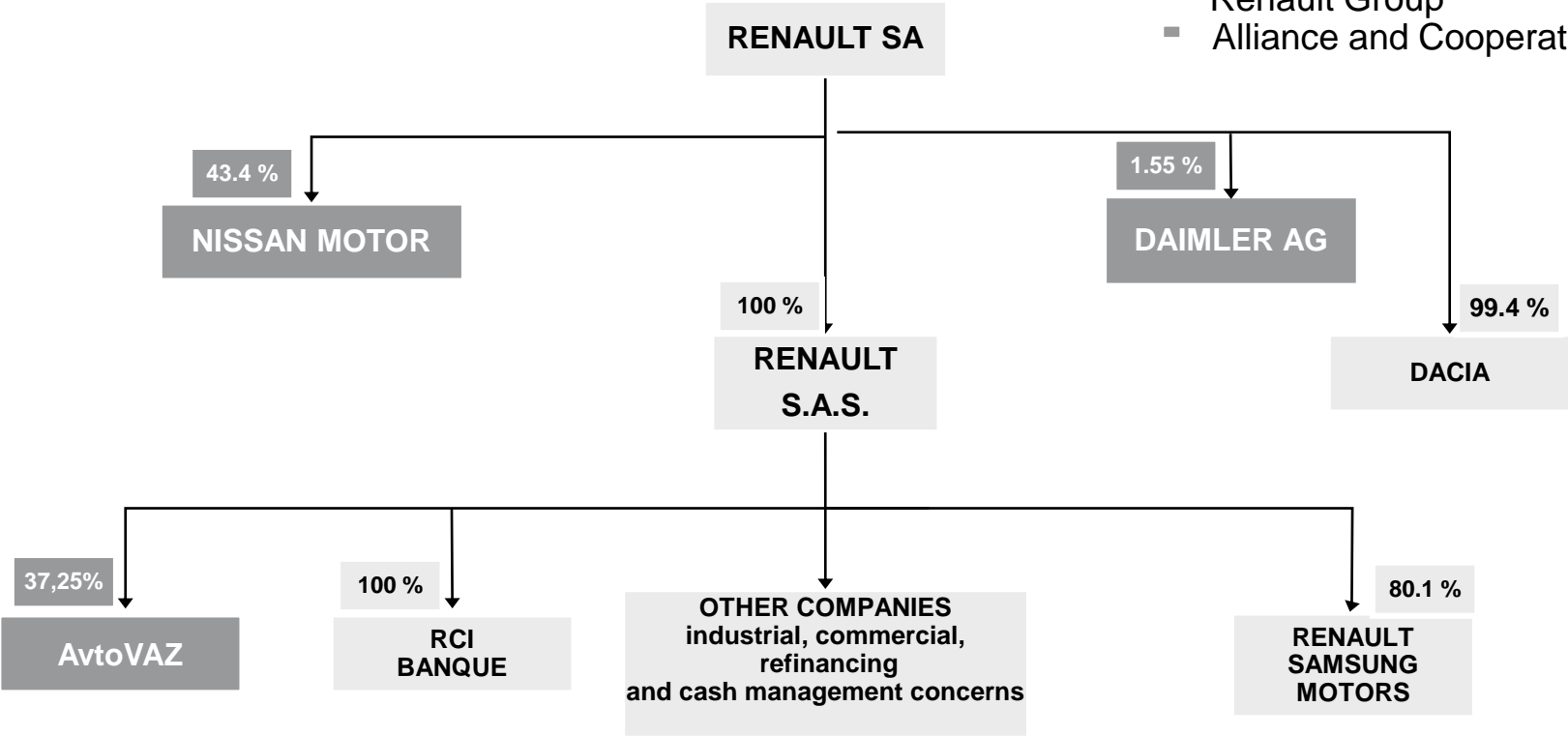
Total share capital	€1,127mm
Total number of shares	295,722,284

- Nissan does not exercise the voting rights attached to these shares
- Shares acquired for the purposes of stock option and performance shares programs. These shares have no voting rights attached
- A strategic cooperation between the Renault-Nissan Alliance and Daimler AG was announced in April 2010;



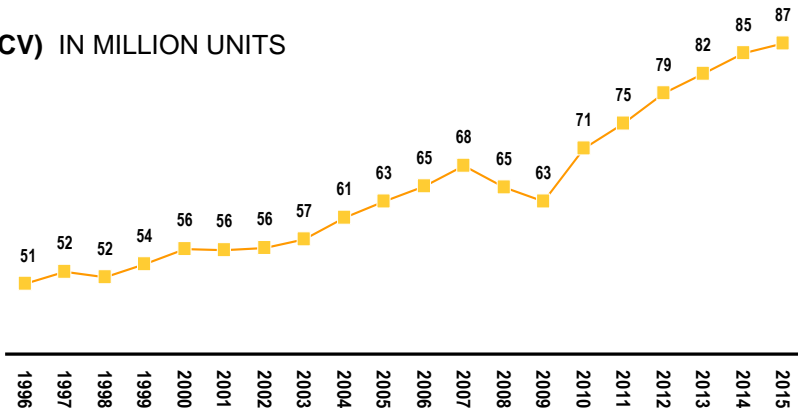
# GROUP STRUCTURE

- Renault Group
- Alliance and Cooperation



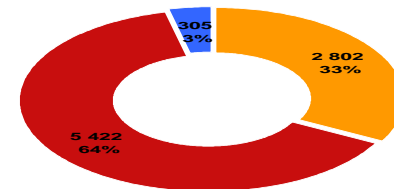
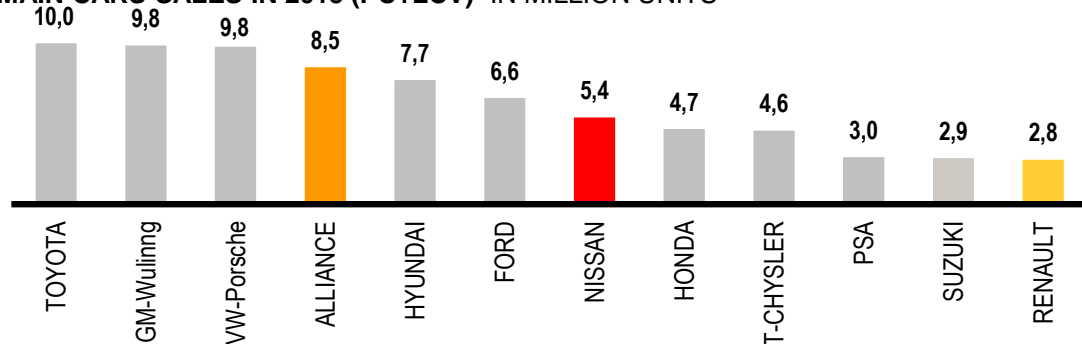
# A MAJOR ALLIANCE IN THE AUTOMOTIVE LANDSCAPE

TIV (PC+LCV) IN MILLION UNITS



8,529 million units sold in 2015

MAIN CARS SALES IN 2015 (PC+LCV) IN MILLION UNITS

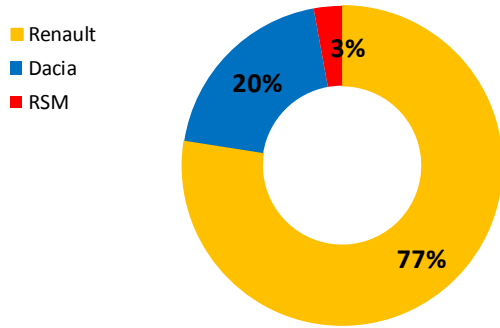


- Renault
- Nissan
- Avtovaz

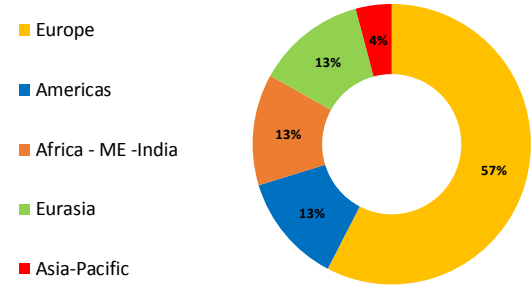


# RENAULT SALES IN 2015

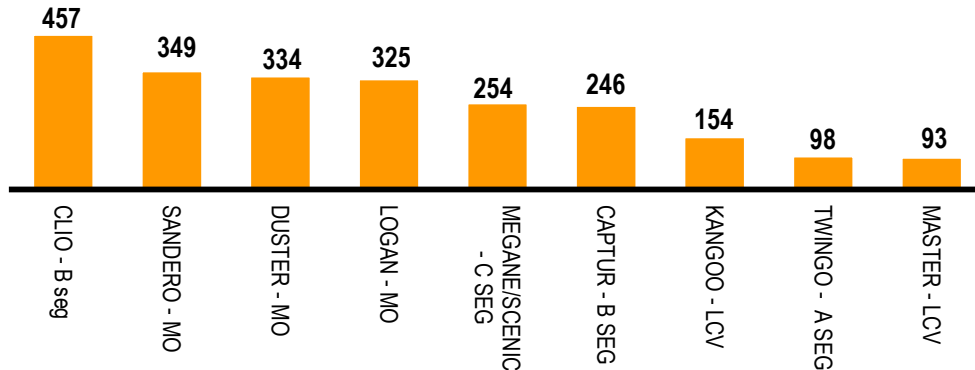
## Sales by brand



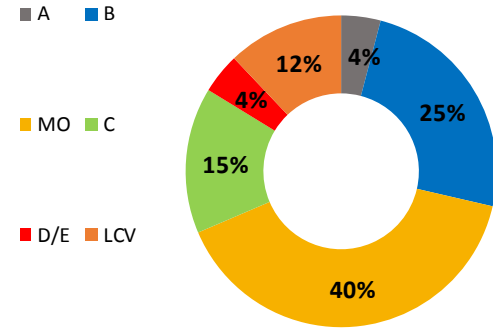
## Sales by Region



## MAIN CARS SALES IN 2015 (PC+LCV) IN KUNITS



## Sales by segment



# 02

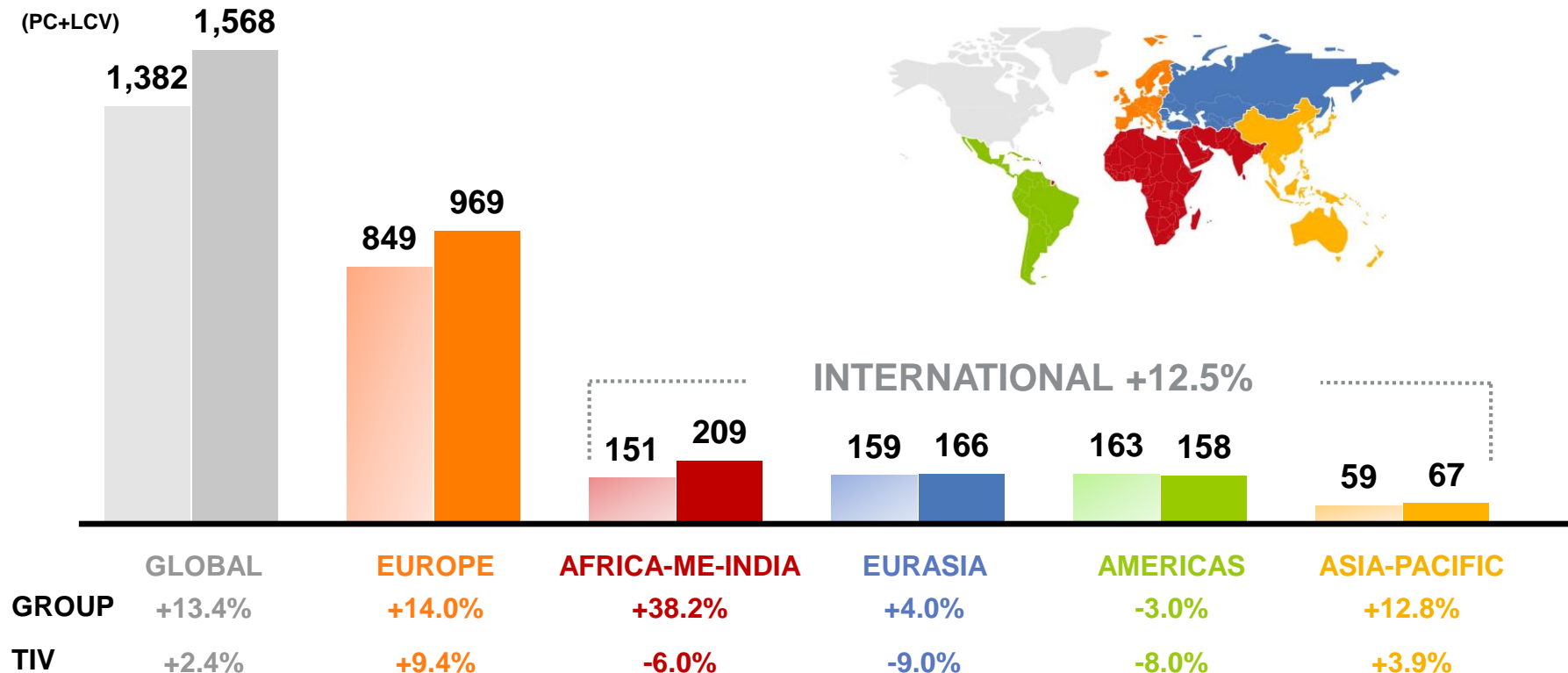
## GROUPE RENAULT H1 2016 RESULTS





# RENAULT GROUP UNIT REGISTRATIONS H1 2016 VS H1 2015

K units  
(PC+LCV)



# H1 2016 FINANCIAL RESULTS

	H1 2016	H1 2015*	CHANGE
<b>Revenues</b>	25,185	22,197	+13.5%
<b>Operating profit</b>	1,541	1,096	+445
in % of revenues	+6.1%	+4.9%	+1.2 pts
<b>Other operating income &amp; expenses</b>	-65	-116	+51
<b>EBIT</b>	1,476	980	+496
<b>Net financial income &amp; expenses</b>	-67	-161	+94
<b>Associated companies</b>	678	895	-217
<b>Current &amp; deferred taxes</b>	-520	-262	-258
<b>Net income</b>	1,567	1,452	+115

(million euros)

\* 2015 restated: IAS12 & AVTOVAZ



# H1 2016 GROUP REVENUES

	H1 2016	H1 2015	CHANGE
<b>Global unit sales (units) *</b>	1,567,974	1,382,122	+13.4%
<b>Group revenues</b>	25,185	22,197	+13.5%
of which: Automotive	24,078	21,065	+14.3%
Sales financing	1,107	1,132	-2.2%

(million euros)

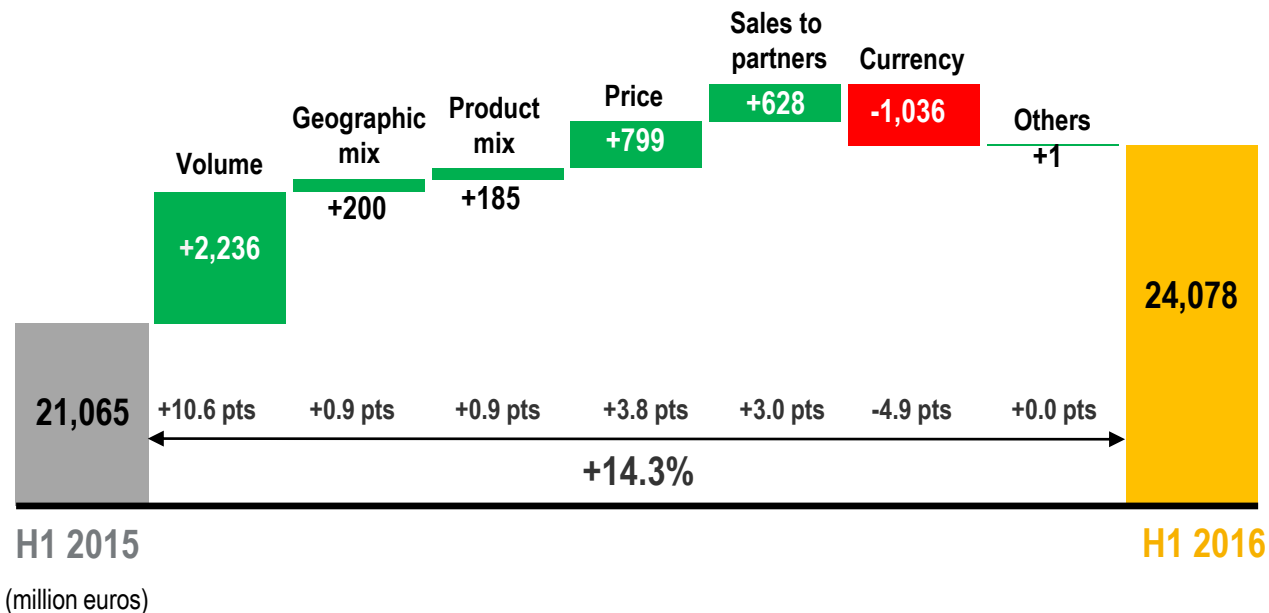
\*Since January 1, 2016, volumes for China are reported based on retail sales versus wholesales previously. Volumes for H1 2015 have been restated.

Q1	Q2
+11.7%	+14.7%



# AUTOMOTIVE REVENUES VARIANCE ANALYSIS

CHANGE H1 2016 vs H1 2015: +€3,013m



# OPERATING PROFIT BY ACTIVITY

	H1 2016	H1 2015*	CHANGE
<b>AUTOMOTIVE</b>	1,121	680	<b>+441</b>
% Automotive revenues	+4.7%	+3.2%	+1.5pts
<b>SALES FINANCING</b>	420	416	<b>+4</b>
<b>GROUP OPERATING PROFIT</b>	1,541	1,096	<b>+445</b>
% Group revenues	+6.1%	+4.9%	+1.2pts

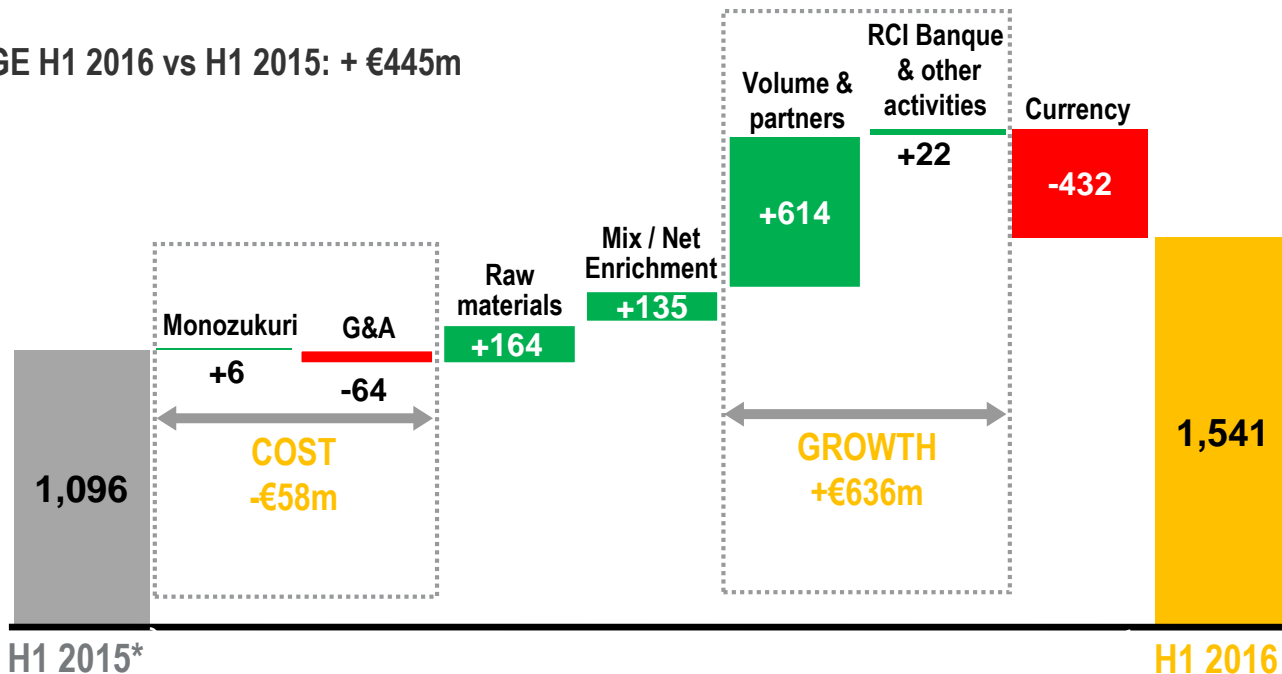
(million euros)

\* 2015 restated: IAS12



# GROUP OPERATING PROFIT VARIANCE ANALYSIS

CHANGE H1 2016 vs H1 2015: + €445m



H1 2015\*

(million euros)

\* 2015 restated IAS12

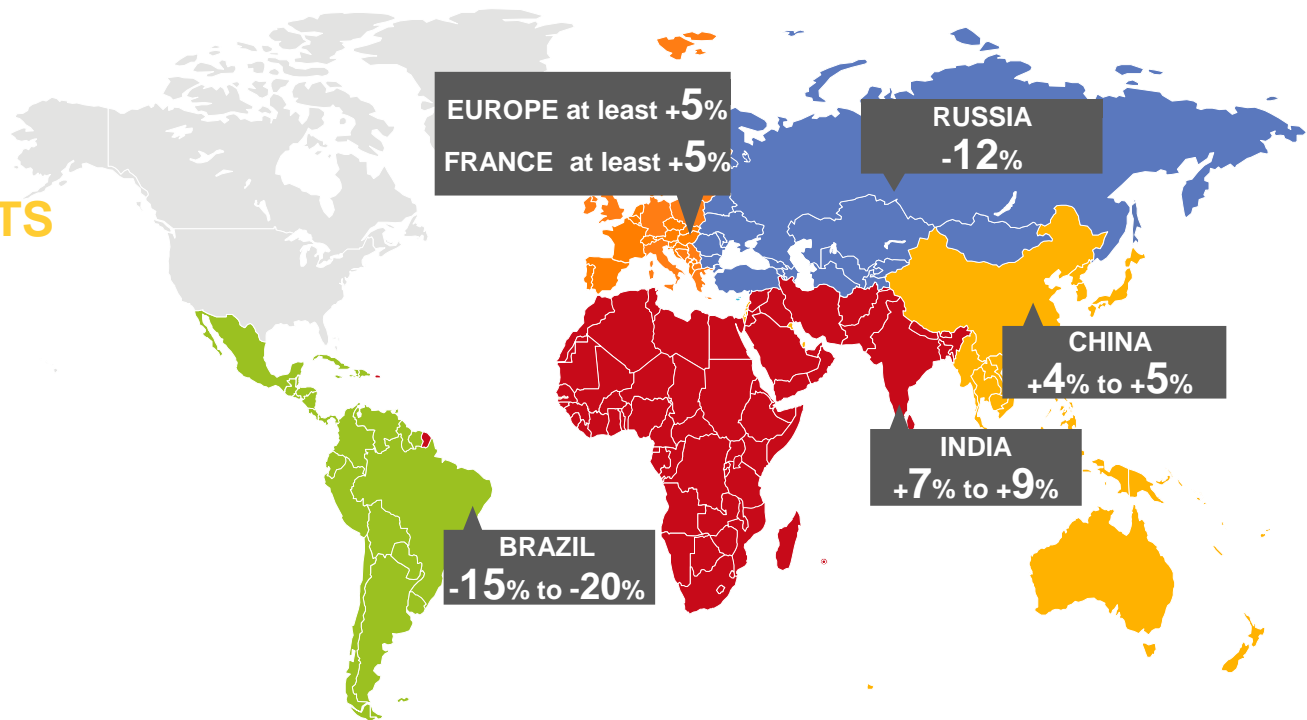


# 2016 TIV OUTLOOK – H1 UPDATE

## UNCERTAINTIES IN EMERGING MARKETS

GLOBAL TIV \*

+ 1.7%



\* PC+LCV INCLUDING USA & CANADA



# OUTLOOK 2016

- In 2016, the global market is expected to record growth around 1,7% compared to 2015. The European market, as well as the French one, are now expected to increase by at least 5%.
- Outside Europe, the Brazilian and Russian markets are expected to decline : -15% to -20% for Brazil and -12% for Russia. On the contrary, China (+4% to +5%) and India (+7% to +9%) should pursue their positive momentum.

## THE GROUP\* CONFIRMS ITS FY 2016 GUIDANCE :

- Increase group revenues (at constant exchange rates)
- Improve group operating margin
- Generate a positive Automotive operational free cash flow

\* at constant scope of consolidation





# RENEWAL OF OUR RANGE

## RECENT LAUNCHES 2014-2015

### EUROPE

2014

March 2014

**A Segment**



**NEW TWINGO**

April 2014

**LCV**



**TRAFIC**

April 2014

**LCV**



**MASTER**

2015

March 2015

**D Segment**



**NEW ESPACE**

May 2015

**C Segment - MPV**



**KADJAR**

Dec. 2015

**D Segment - Sedan**



**TALISMAN**

### OUTSIDE EUROPE

2015

Sept. 2015

**Global Access**



**KWID**

Nov. 2015

**Pick-up 1/2T**



**OROCH**



# RENEWAL OF OUR RANGE

## 10 LAUNCHES IN 2016

### EUROPE

Jan. 2016

**C Segment - Hatch**



**NEW MEGANE**

April 2016

**D Segment - Estate**



**TALISMAN**

H2 2016

**C Segment**



**MEGANE ESTATE**

H2 2016

**C Segment - MPV**



**SCENIC SHORT**

H2 2016

**C Segment - MPV**



**SCENIC LONG**

### OUTSIDE EUROPE

March 2016

**C Segment**



**KADJAR China**

June 2016

**B Segment**



**KAPTUR RUS**

H2 2016

**C Segment**



**SEDAN**

H2 2016

**D Segment**



**KOLEOS CHN/KOR**

H2 2016



**PICK-UP 1T LATAM**



# 03

## GROUPE RENAULT ENVIRONMENTAL POLICY



# THE THREE MAJOR CHALLENGES IN AUTOMOTIVE INDUSTRY



## CLIMATE

+ 2° in 2050



## HEALTH

40 X OMS levels  
Health budget impact



## RESOURCES

2,5 planets per year in  
2050

# OUR ENVIRONMENTAL AMBITIONS & DIFFERENTIATION



**CLIMATE**



**TOP 3 EU  
AUTOMOTIVE  
FE/CO<sub>2</sub>**



**HEALTH**



**EV  
LEADERSHIP**



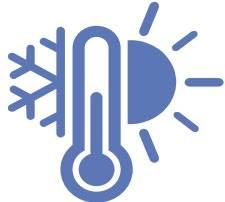
**RESOURCES**



**LEADERSHIP  
ON CIRCULAR  
ECONOMY**

# OUR ENVIRONMENTAL COMMITMENTS

## CLIMATE



CARBON FOOTPRINT

**-3%/year**

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**TOP 3** IN EUROPE

## HEALTH



ELECTRIC VEHICLES

**TOP 1**

IN EUROPE (2015)

## RESSOURCES



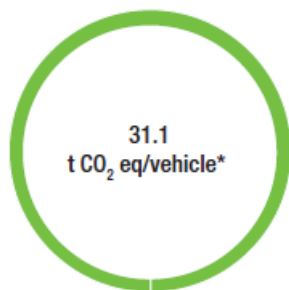
CIRCULAR ECONOMY  
RECYCLED MATERIALS

**+3%** (Entre 2013 & 2016)

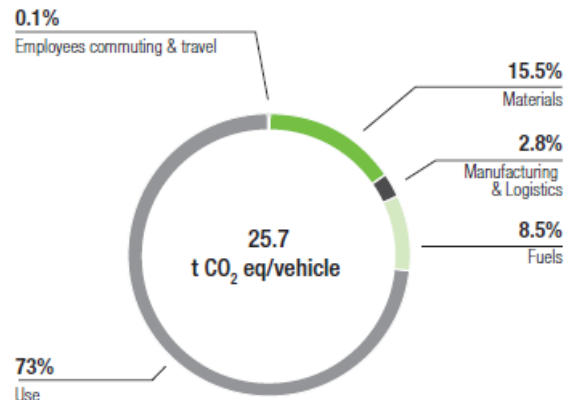
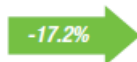


# IMPROVEMENTS ALREADY ACHIEVED

RENAULT CARBON FOOTPRINT : -3.7% / year between 2010-2015



2010



2015

## ENVIRONMENTAL FOOTPRINT (LCA) ACHIEVEMENTS : COMPARISON BETWEEN TWINGO & NEW TWINGO

- 25%

- 26%

- 22%

- 21%

- 28%



Warming



Resource depletion



Acidification



Eutrophication



Photochemical  
ozone



# OUR ENVIRONMENTAL AMBITIONS & DIFFERENCIATION



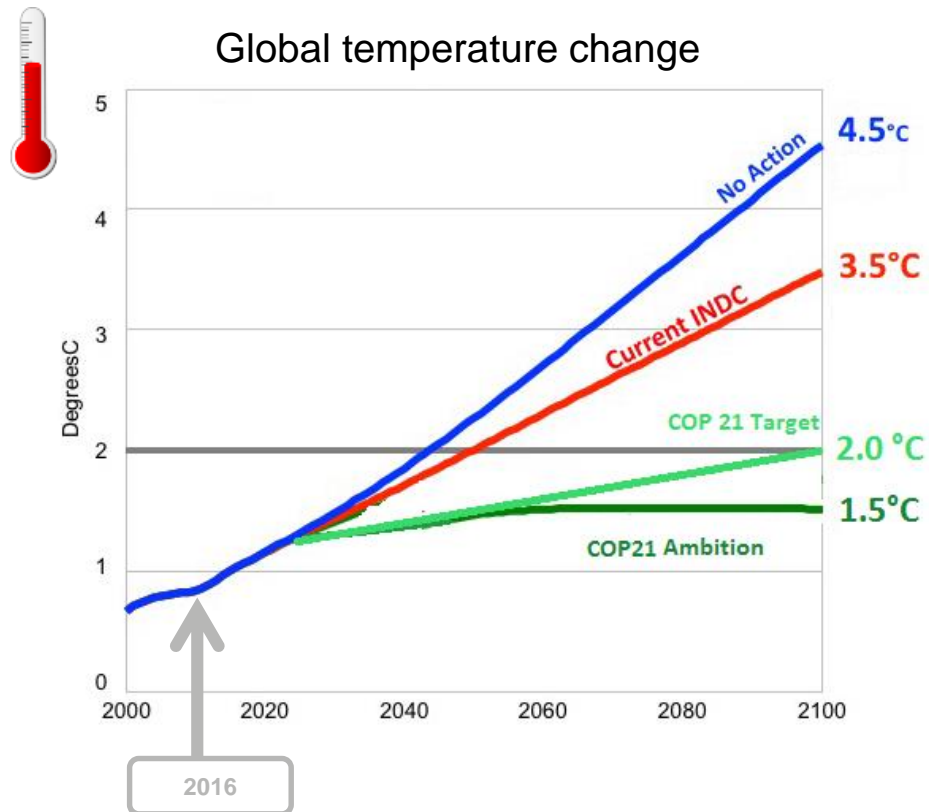
**CLIMATE**



**TOP 3 EU  
AUTOMOTIVE  
FE/CO<sub>2</sub>**



# CLIMATE CHANGE IS CONFIRMED

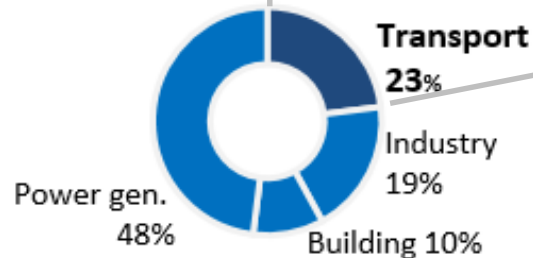
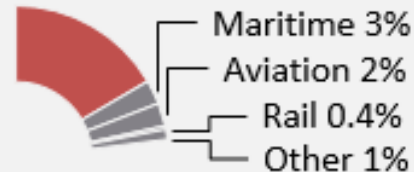


# AUTOMOTIVE IS A KEY STAKEHOLDER

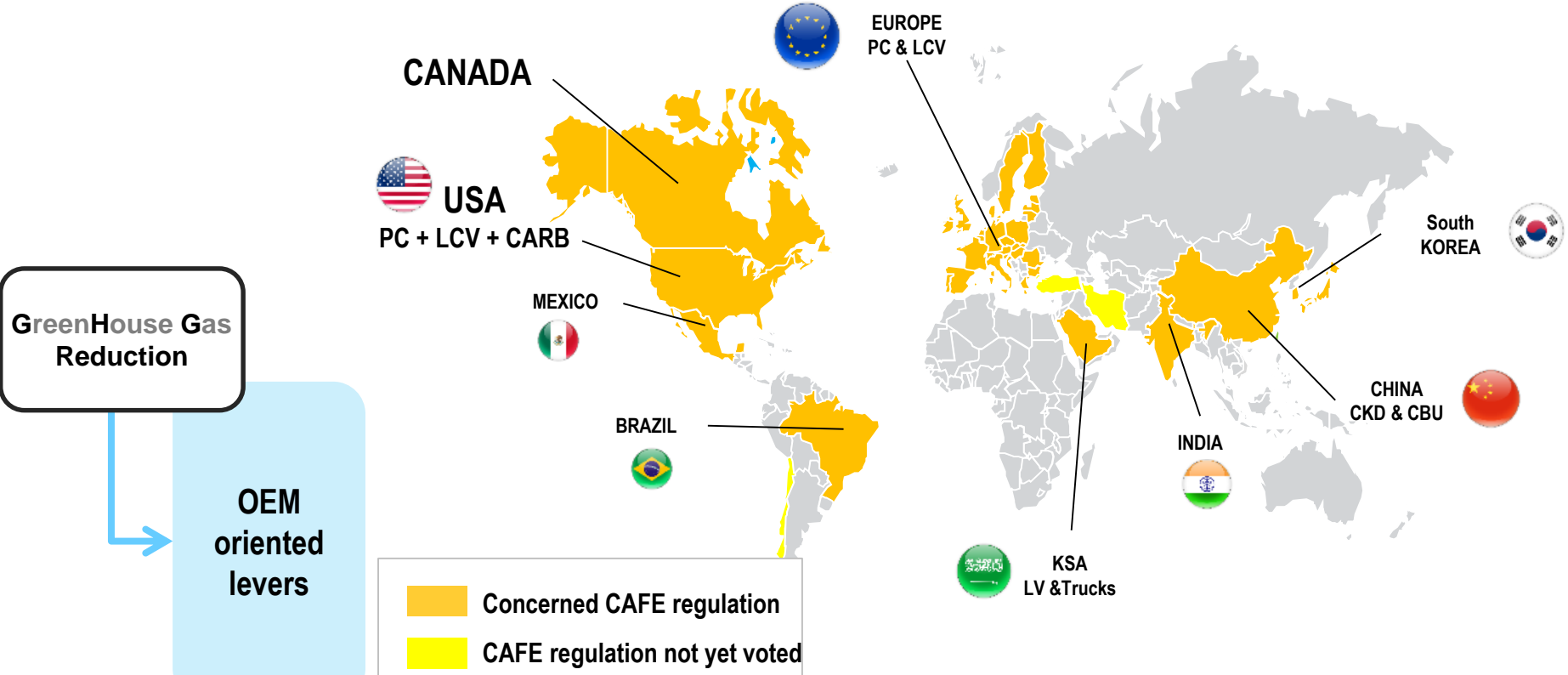
## Today Auto industry

### Transport sector emission by category (IPCC AR5 Report)

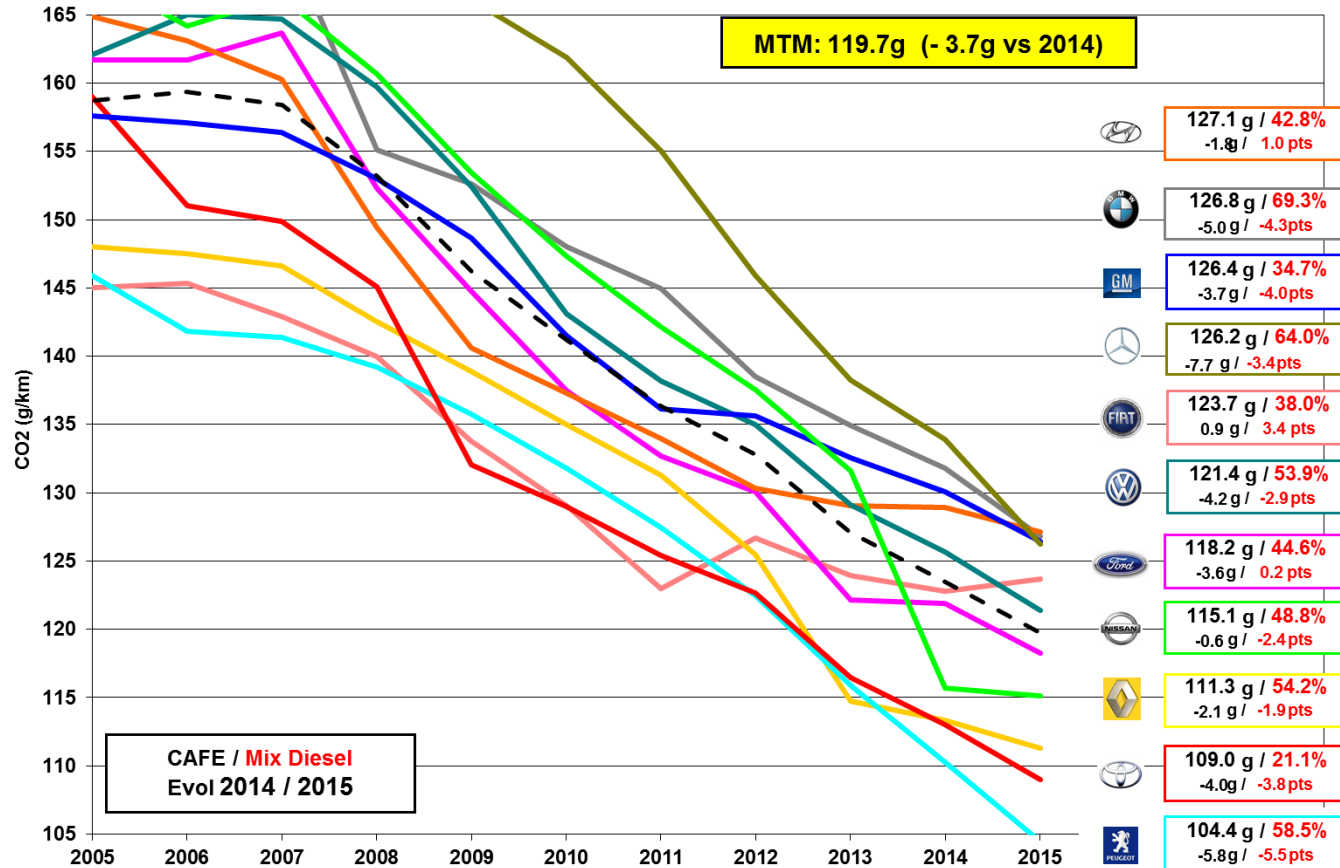
Road 17%



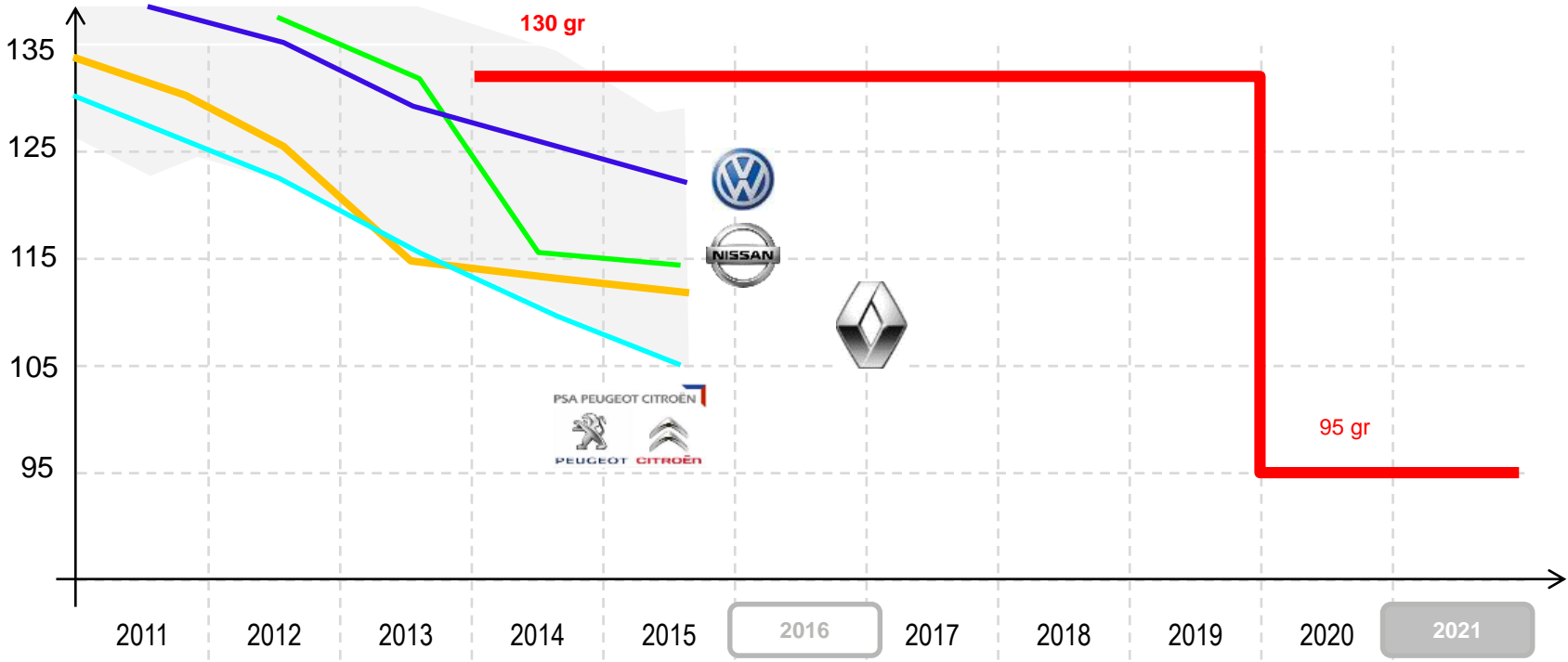
# WORLDWIDE VIEW OF CO2 / FC REGULATION



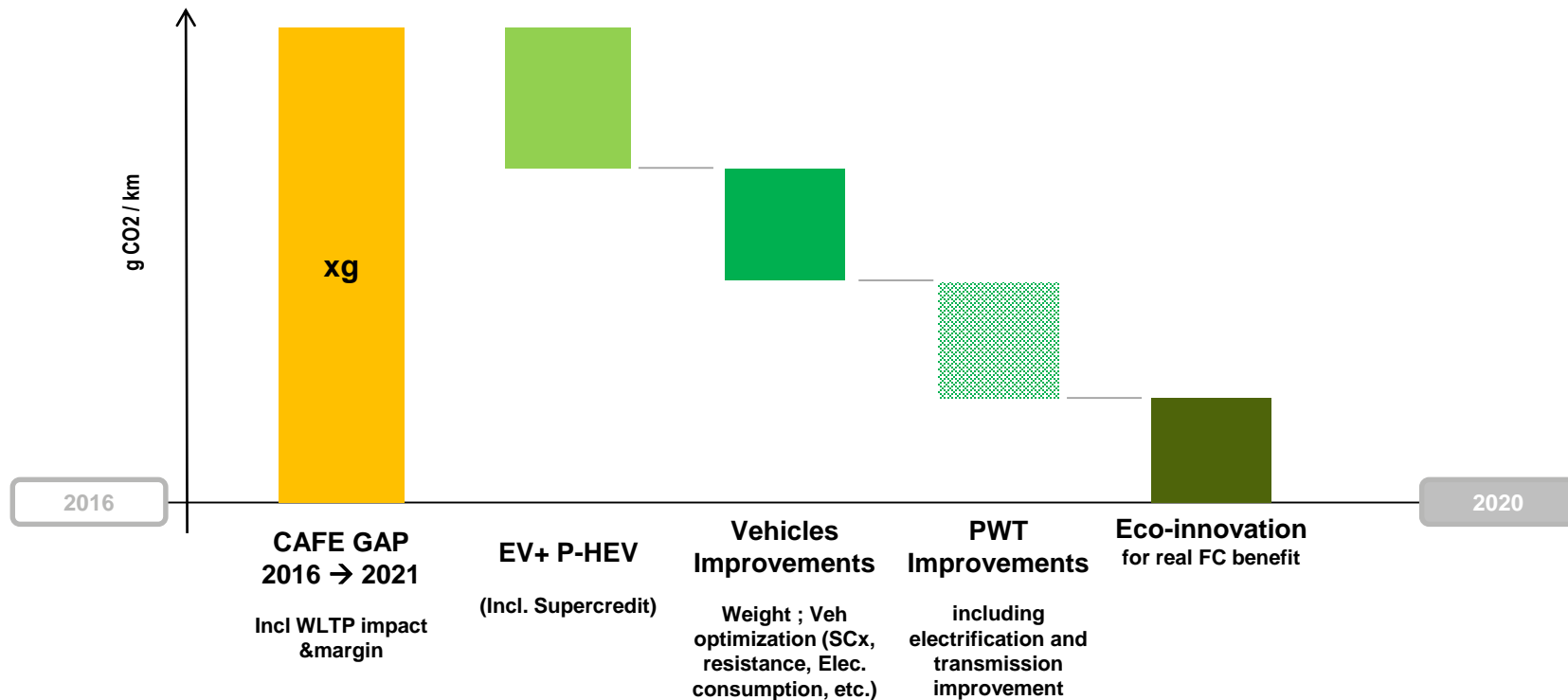
# 2015: AMONG THE LEADERS IN CO2 EMISSION REDUCTION



# 2020 CO<sub>2</sub> EMISSIONS REGULATORY STEPS



# CAFE MANAGEMENT LEVERS



CAFE : Corporate Average Fuel Economy



# THE BATTLE TO ACHIEVE ULTRA-LOW FUEL CONSUMPTION

EOLAB

1 liter / 100 km

- 400 Kg

- 30%  $C_{dx}$  (aerodynamics)

100 technological bricks



# THE ESSENTIAL CAR CONTRIBUTION

**Aerodynamic**

**Weight  
& Inertia**

**Powertrain  
efficiency**



Tyres

Equipments

ePower



# ON REAL FUEL CONSUMPTION: CAR CONTRIBUTION IS ESSENTIAL






- Fully optimized design
- Replace Steel
- Braking recovery

think integration  
by plastic & aluminum  
with electrification

**Weight & Inertia**



# ON REAL FUEL CONSUMPTION: CAR CONTRIBUTION IS ESSENTIAL

Cd A (aero drag)	Under floor fairing	Cooling Flow
		

**Aerodynamic**

# OUR ENVIRONMENTAL AMBITIONS & DIFFERENTIATION



**CLIMATE**



**HEALTH**



**EV  
LEADERSHIP**



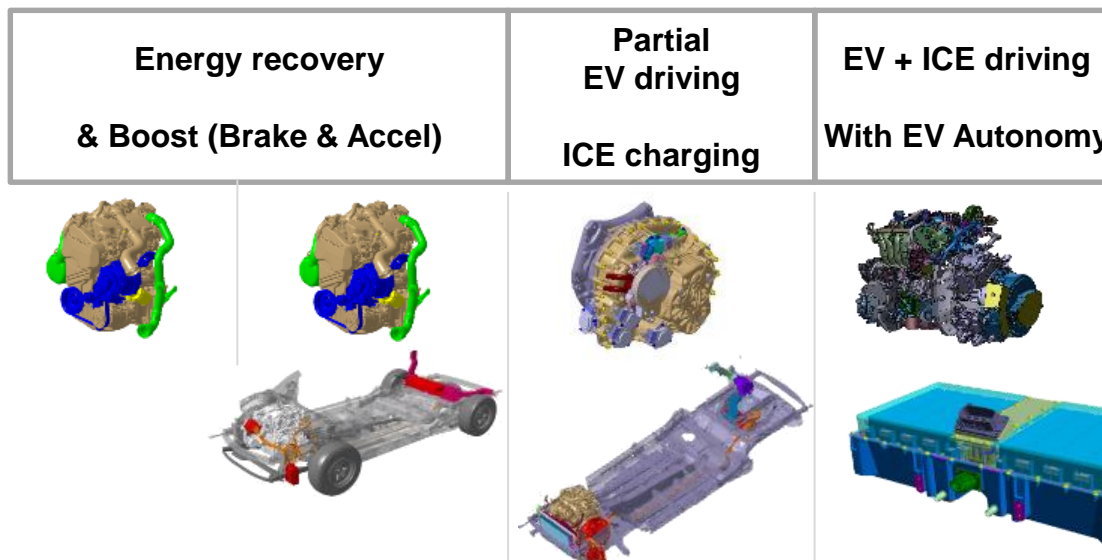
# 04

## ICE ELECTRIFICATION



# VARIOUS ELECTRIFICATION SOLUTIONS

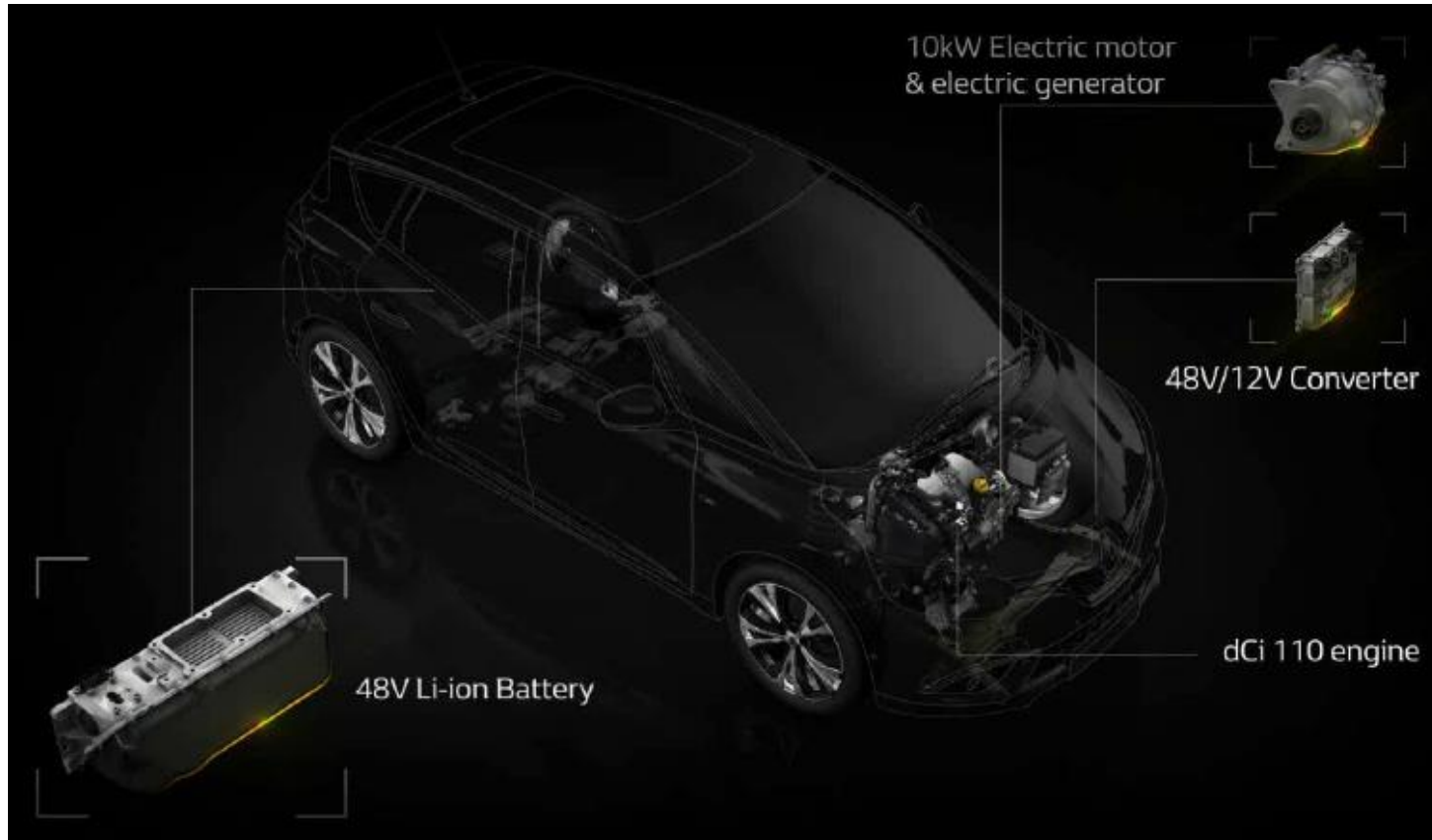
Solution	12V	48V SED	Hybrid / Mild	P-HEV
CO <sub>2</sub> gains (est.)	-5%	~ -10%	-15 to -25%	-70 to -75%
EV drive	No	No	0,5 to 5km	40 to 60 km



SED : small electric device



# HYBRID ASSIST TECHNOLOGY ON THE NEW SCENIC

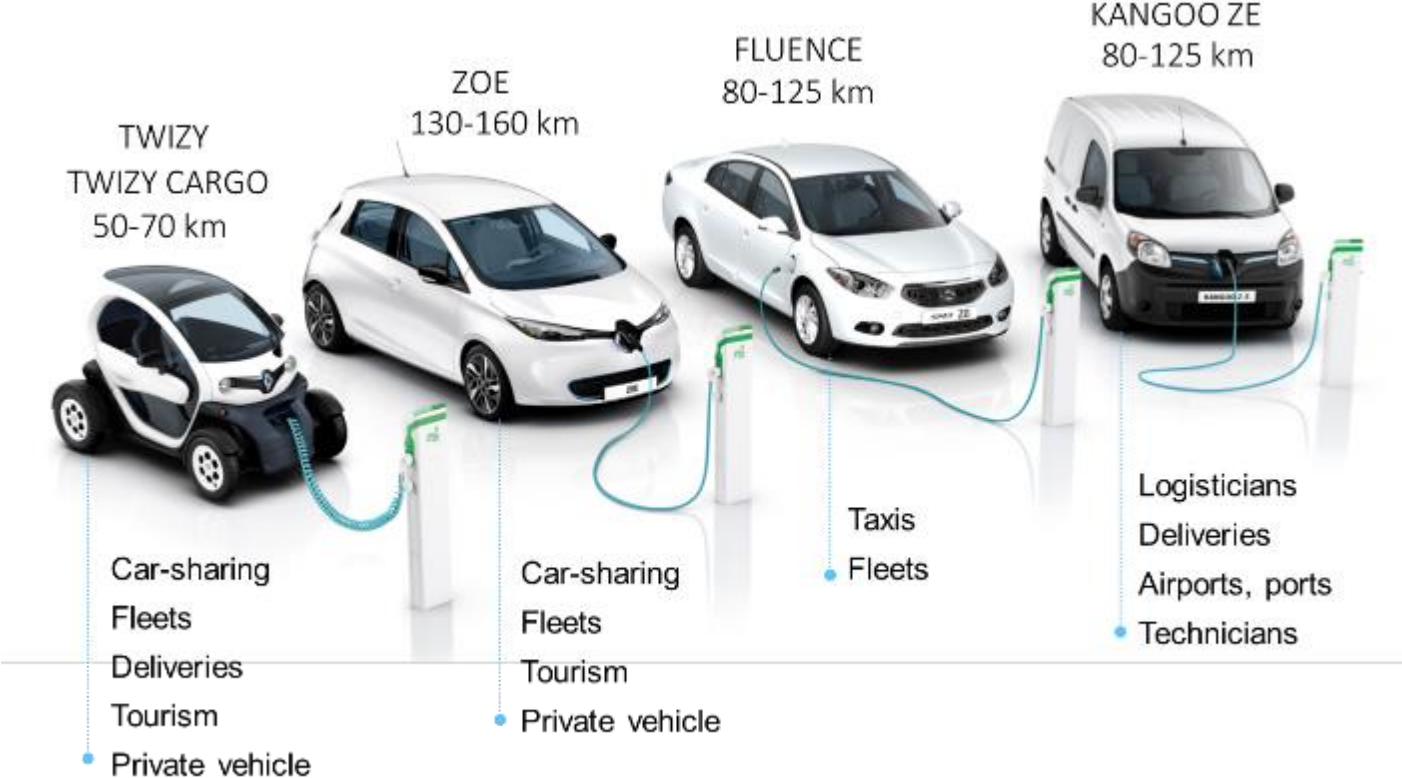


# 05

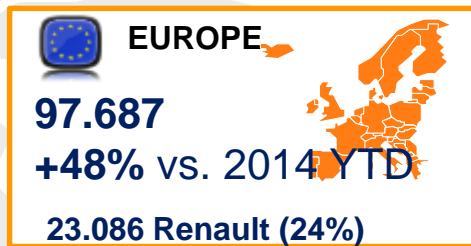
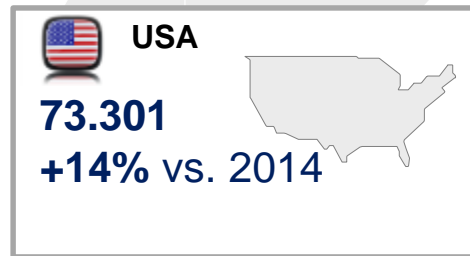
## ELECTRIC VEHICLE



# A FULL EV RANGE FOR ALL USAGES



# THE GLOBAL EV MARKET 2015





# 05.1

## STATUS OF EV SALES & OVERALL PERFORMANCE

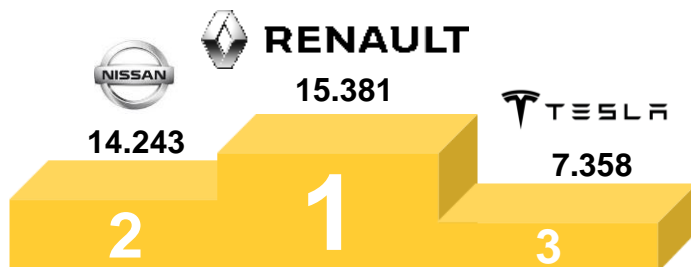
# FOCUS ON EUROPE – 2016 UNTIL JULY

YTD 2016/07	TIV EV YTD 2016	% EV on TIV 2016	% EV on TIV YTD 2015	EV TIV Δ vs. Y-1	Renault	Renault excl TWZ	
France	16 556	1,1%	0,8%	+41,1%	52,0%	8 616	<b>FRANCE NUMBER ONE EV MARKET YTD</b>  4 countries = 75,1% of the EV TIV
Norvege	13 220	12,3%	14,9%	-16,1%	10,5%	1 382	
Royaume Uni	6 254	0,34%	0,3%	+11,7%	19,8%	1 236	
Allemagne	6 124	0,28%	0,3%	+2,6%	29,6%	1 814	
Autriche	2 359	1,07%	0,5%	+123,6%	27,0%	637	<b>ZOOM NORDICS TOTAL % EV TIV</b>  Norway = 23,6% Sweden = 3,0% Denmark = 0,5% Finland = 0,3%  TOTAL = 27,3%
Pays Bas	2 150	0,79%	0,7%	+8,3%	7,2%	154	
Suisse	1 887	0,93%	1,1%	-17,3%	14,9%	281	
Suede	1 664	0,69%	0,9%	-16,2%	20,2%	336	
Espagne+Canaries	1 586	0,19%	0,1%	+92,2%	26,0%	413	
Belgique	1 248	0,32%	0,2%	+41,0%	13,5%	169	
Italie	1 100	0,09%	0,1%	-18,1%	6,4%	70	
Portugal	452	0,29%	0,3%	+35,3%	25,4%	115	
Irlande	351	0,23%	0,3%	-15,4%	4,6%	16	
Danemark	303	0,20%	1,0%	-78,6%	29,7%	90	
Finlande	154	0,19%	0,3%	-18,5%	-	-	
<b>TOTAL</b>	<b>56 132</b>	<b>0,54%</b>	<b>0,55%</b>	<b>+7,2%</b>	<b>27,4%</b>	<b>15 381</b>	<b>+7,2% vs. 2015 (52,3k)</b>



# EUROPE – 2016 REGISTRATIONS – RANKINGS (UNTIL JULY)

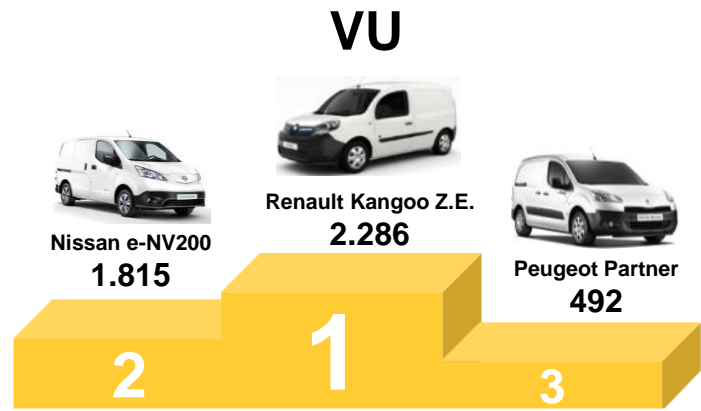
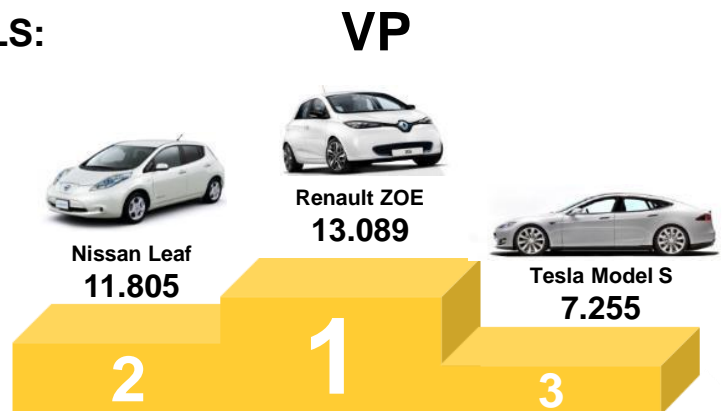
## BRANDS:



100.000 cumulatives EV sales  
in the beginning of september 2016  
#1 European Leader  
with 27% Market Share



## MODELS:



# 05.2

## CUSTOMER FEEDBACKS

# BATTERY RENTAL MODEL – AN ADVANTAGE FOR THE TWO STAKEHOLDERS

## Customers

- Same costs structure as an ICE car
- No technological risks



## Renault

- By keeping the ownership, we:
  - ✓ Optimize the warranty costs
  - ✓ Control on the second life of the battery

# RENAULT EV - AN ECONOMICAL CHOICE

## PRICE TAG

no more than a diesel car  
in the same category  
after tax incentives



## RUNNING COSTS

savings after 40-50 km  
per day



< 20 € / month



RENTAL SCHEME

< 80 € / month



100 € / month

## FROM 20% SAVINGS ON MAINTENANCE



# THE VISION OF EV BY RENAULT

 The main **FEATURES** of an EV



# FOR A WIDE RANGE OF USAGES





**AND THE SATISFACTION IS OBVIOUS!**

# **MORE THAN 95 % SATISFACTION'S RATE FOR EVs !**

**ON TOP OF BASICS : Quality, Cost of use, Equipment, Environment...**

**SILENCE**



**COMFORT**



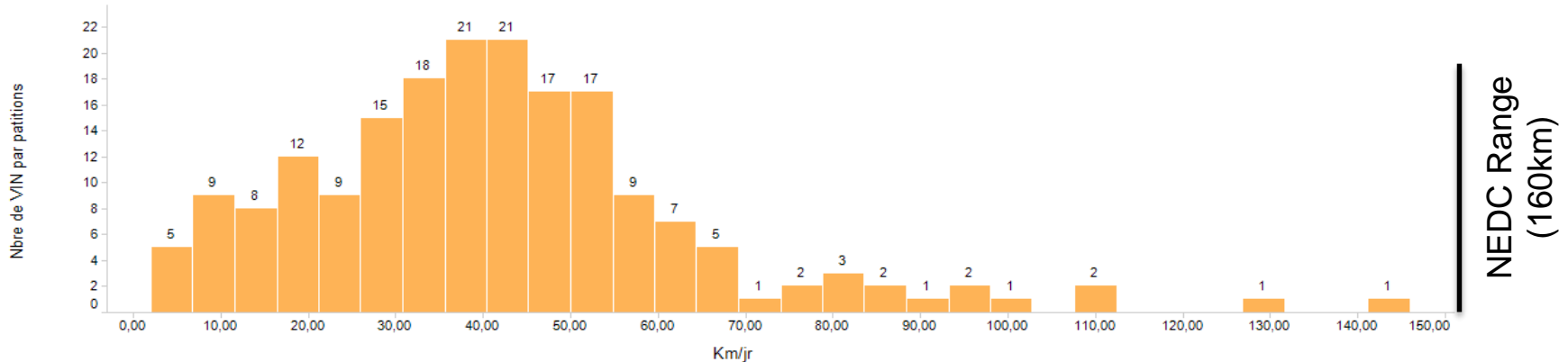
**SMOOTH  
DRIVE**

**SPORTIVENESS**



# THE RANGE PARADOX

- ✓ According to an American survey (UCS & CU – May 2016):
  - The **range is the biggest concern** for people (20%)
  - Before purchase price and small amount of public charging stations
  
- ✓ But according to a MIT survey (August 2016):
  - The **energy requirements of 87% of vehicle-days trip could be met** by an existing, affordable electric vehicle



Example of real usage on a sample of LaPoste vehicles (Kangoo ZE)

# « RANGE ANXIETY » WILL SOON BE HISTORY...



## WHAT WE HAVE



150 km real  
240 km NEDC  
22 kWh battery



NOW, WE  
KNOW  
WE'LL HAVE

X2



300 km real !  
400 km NEDC

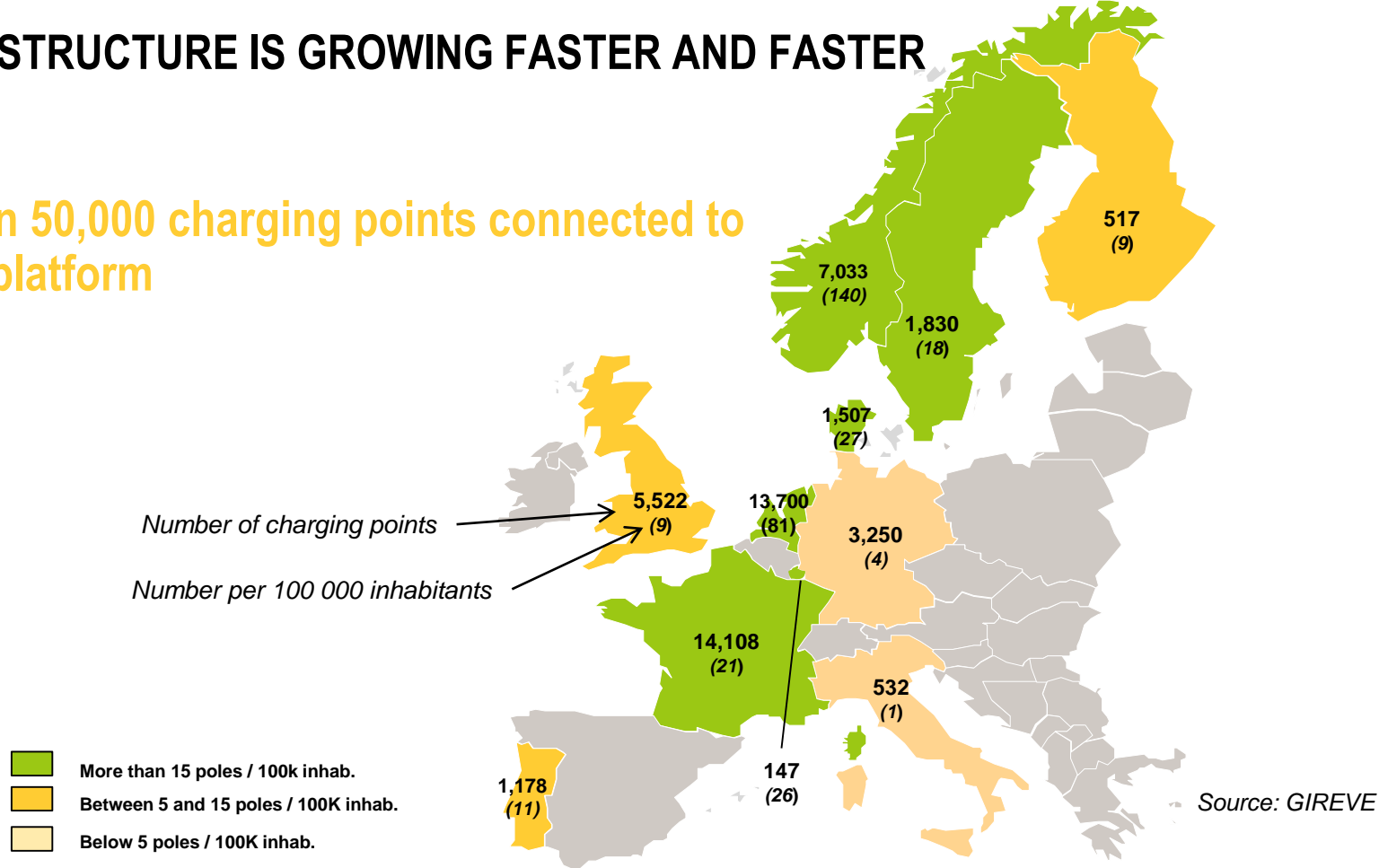
X ?



>500 km real ?  
>600 km NEDC  
?

# THE INFRASTRUCTURE IS GROWING FASTER AND FASTER

More than 50,000 charging points connected to GIREVE platform



# 05.3

## ECOSYSTEM STATUS



# THE EV ECOSYSTEM



CONNECTED CAR



CAR SHARING



INFRASTRUCTURE



BATTERY SECOND LIFE



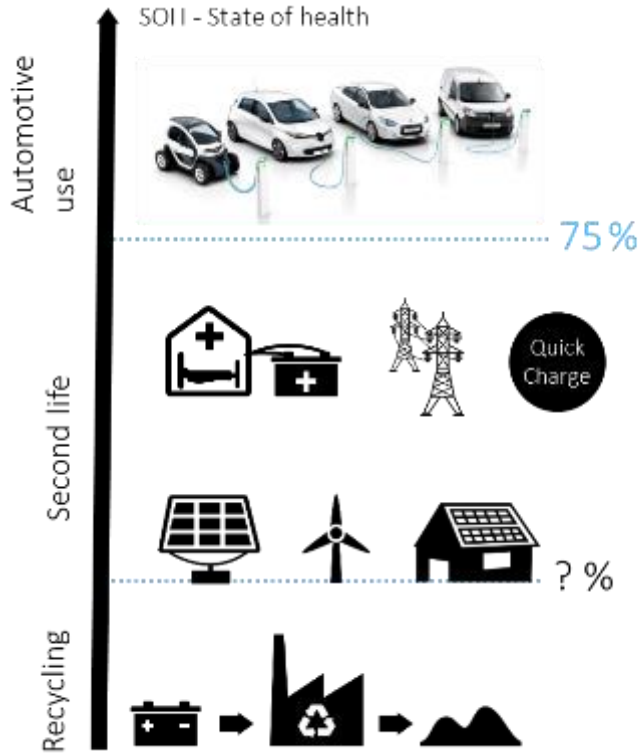
BATTERY TECHNOLOGY



REGULATIONS



# SECOND LIFE BATTERY



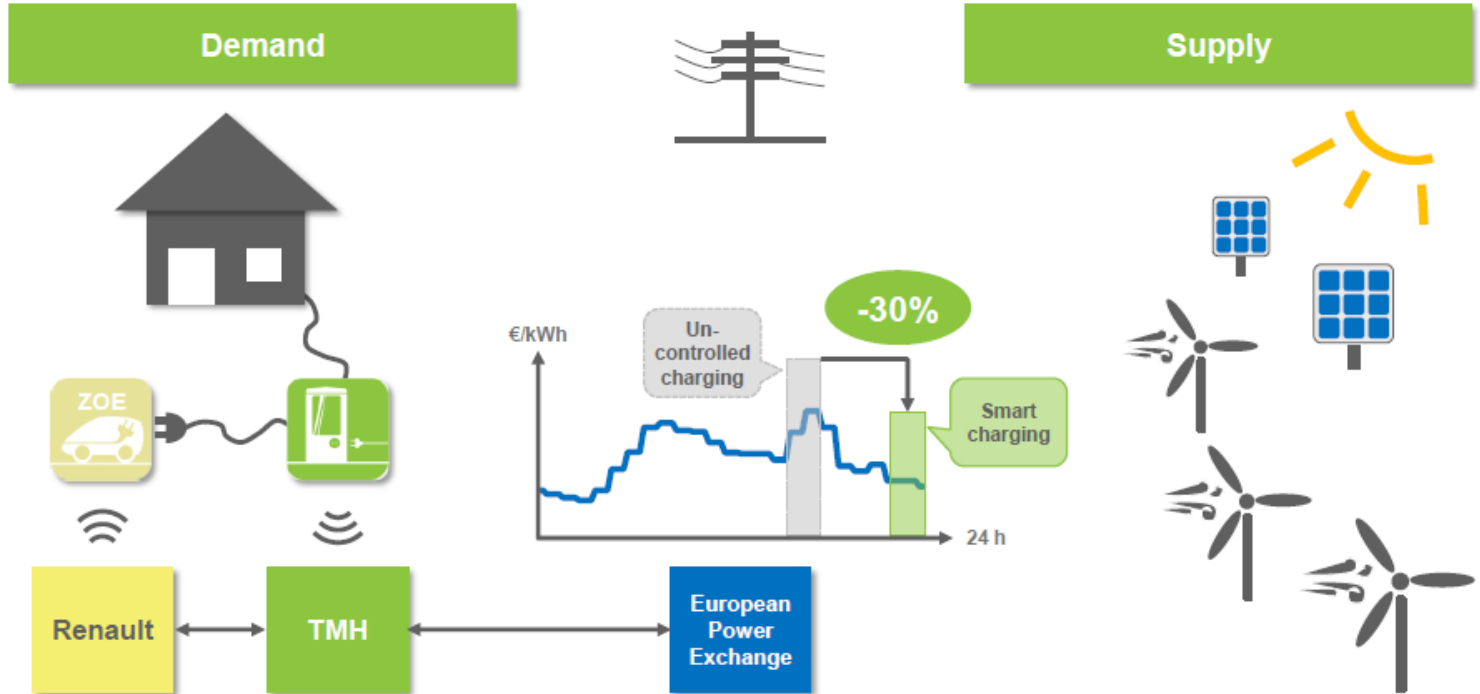
B4B project - Batteries for buildings  
Storing energy in buildings

Second-life batteries: opportunities of economic development



# SMART CHARGING

## TMH AND RENAULT SAVE 30% OF POWER PRICE THROUGH SMART CHARGING





# A NEW WAY OF MOBILITY: CAR-SHARING



Renault wants to be part of this strong trend



# 06

## RESOURCES



# OUR ENVIRONMENTAL AMBITIONS & DIFFERENTIATION



**RESOURCES**



**LEADERSHIP  
ON CIRCULAR  
ECONOMY**

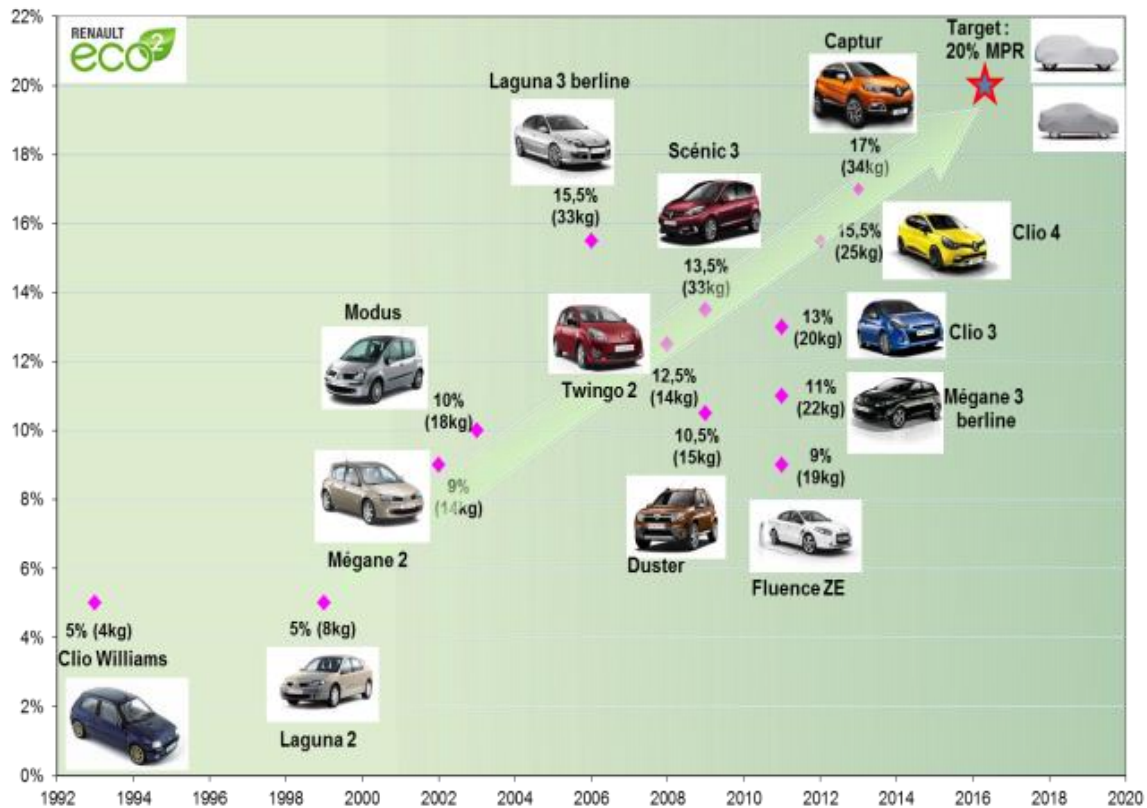
# RECYCLED MATERIALS IN NEW VEHICLES & PARTS REUSE

- ❖ RAW MATERIALS = ~ 20% OF NEW CAR COSTS
- ❖ 30.6% OF A NEW VEHICLE ARE MADE OF RECYCLED MATERIALS
- ❖ 20% OF PLASTICS ARE RECYCLED PLASTICS IN NEW RENAULT MODELS :23.8 Kg in 2015
- ❖ REPAIR USING SECOND HAND PARTS IS POSSIBLE IN RENAULT NETWORK
- ❖ REMANUFACTURING TURN OVER > 200 M€ with 91% CIRCULARITY



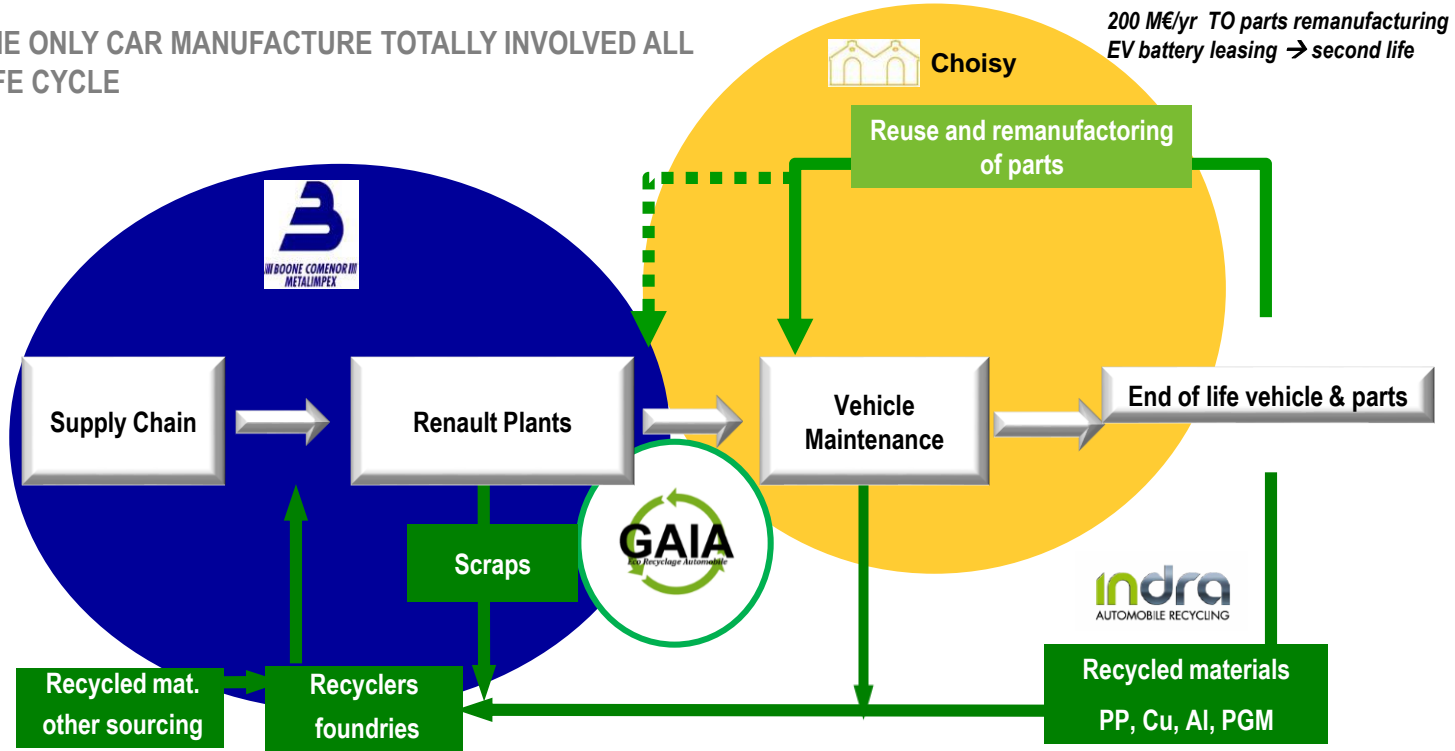
# RECYCLED MATERIALS IN NEW VEHICLES & PARTS REUSE ARE THE RIGHT METRICS

*Evolution of the rate of recycled plastics in new vehicles :*



# CIRCULAR ECONOMY

RENAULT IS THE ONLY CAR MANUFACTURE TOTALLY INVOLVED ALL ALONG THE LIFE CYCLE



Scrap metal close loop  
Best in class recycled plastic : 20% on latest models

Close loop from 300 k ELVs to New Veh : Polypro, Cu, Al, PGM  
Repair through second hand parts for old vehicle in our network



# ENERGETIC EFFICIENCY IN PLANTS & RENEWABLE ENERGIES



**ENERGETIC EFFICIENCY: -3% per year for 10 years**



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