

**NISSAN GROUP
OF EUROPE**



Innovation that Excites

Judith Richardson

Nissan Europe Purchasing

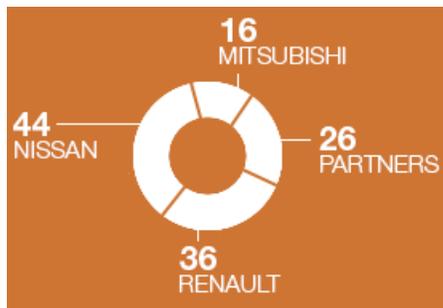
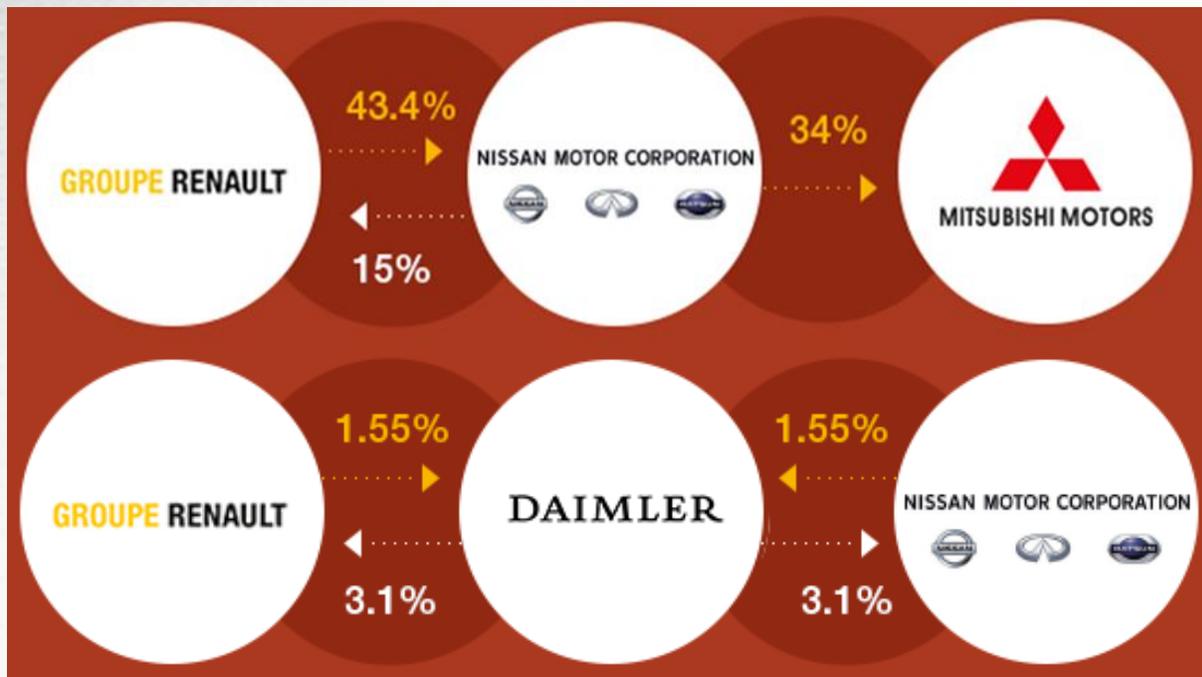
Vice President

DRPH – RNPO Europe

22nd / 23rd May 2017

Investment Seminar : Nagoya / Tokyo

Global Renault Nissan Alliance



Global Renault Nissan Alliance

<p>LEADING THE ELECTRIC REVOLUTION</p> <p>GLOBAL LEADER IN ZERO EMISSION VEHICLES IN 2016</p>  <p>Renault Zoé EV leader in Europe</p>  <p>Nissan LEAF Global EV leader</p>	<p>PIONEERING INNOVATIONS</p> <p>MORE THAN 10 CARS WITH AUTONOMOUS DRIVE TECHNOLOGY BY 2020</p>  <p>Nissan</p>  <p>Renault</p>	<p>MAXIMIZING SYNERGIES</p> <p>INVENTING NEW WAYS TO GROW</p>  <p>Common Module Family</p>
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WITH **1** PURPOSE
MOBILITY FOR ALL
BUILDING CLEAN, AFFORDABLE AND SAFE CARS FOR EVERYONE

OUR VISION OF INNOVATION

1 ELECTRIFICATION	2 AUTONOMOUS DRIVE	3 CONNECTED-CAR TECHNOLOGIES
		

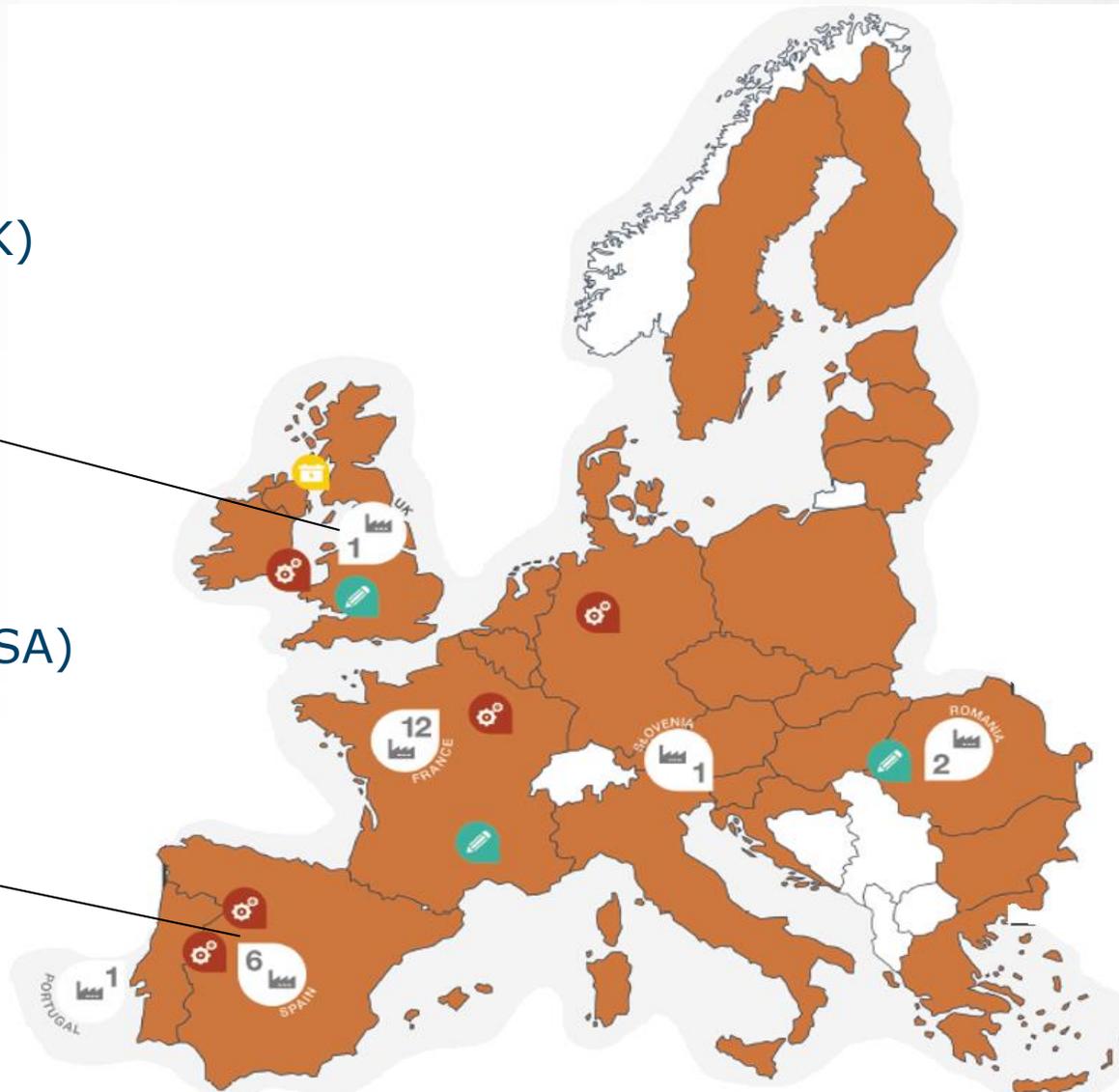
Renault Nissan Alliance in Europe

Nissan Europe Manufacturing Plants

Nissan UK, Sunderland (NMUK)



Nissan Spain, Barcelona (NMISA)



23 PLANTS
IN EUROPE 

-  5 R&D centers
-  3 design centers
-  1 EV battery plant

Renault Nissan Alliance in Europe



Nissan

Market Share : **3.9%**

Production Volume : **705k units**



Pulsar



Navara



Infiniti Q30



NV200



E-NV200



Qashqai



Juke



Leaf



Micra

Renault

Market Share : **8.14%**

Production Volume : **1.4m units**



Kadjar



Captur



Zoe



Clio



Traffic



Kangoo



Megan



NISSAN IN THE UK

Nissan in the UK

- UK's biggest carmaker (1 in 3 UK cars)
- Flagship manufacturing plant in Sunderland
- Nissan Design Europe in London
- Nissan Technical Centre Europe in Cranfield
- Nissan Global Training Centre
- 40,000 jobs in the UK supply chain supported
- 75% of production exported



Nissan in Sunderland

- 7000 staff on-site
- 8 million vehicles produced since 1986
- Two cars born every minute
- Qashqai, Juke, LEAF EV and Infiniti Q30 built here
- 500,000 units produced in four of last five years



Since the first Bluebird rolled off the production line in July 1986, the Nissan plant in Sunderland has grown from a £50m assembly operation into the UK's biggest car production site

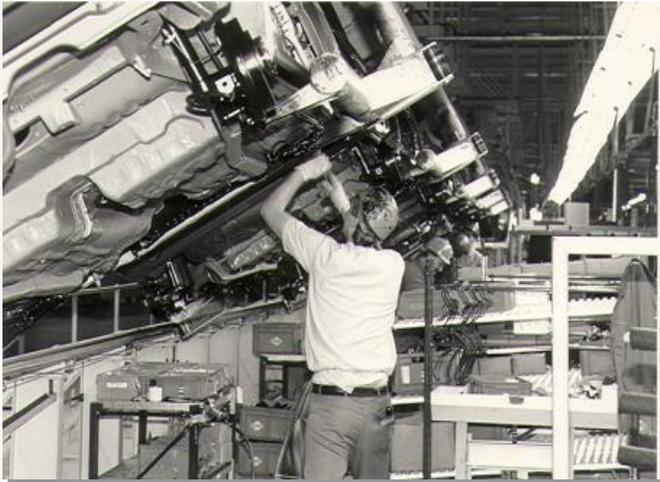


HOW DID IT ALL BEGIN?



Site established in 1984 on former airfield

Production started in 1986 with 430 staff



One 'KD' model, Nissan Bluebird, at 12.5 cars per hour

HOW THINGS HAVE CHANGED...



1986

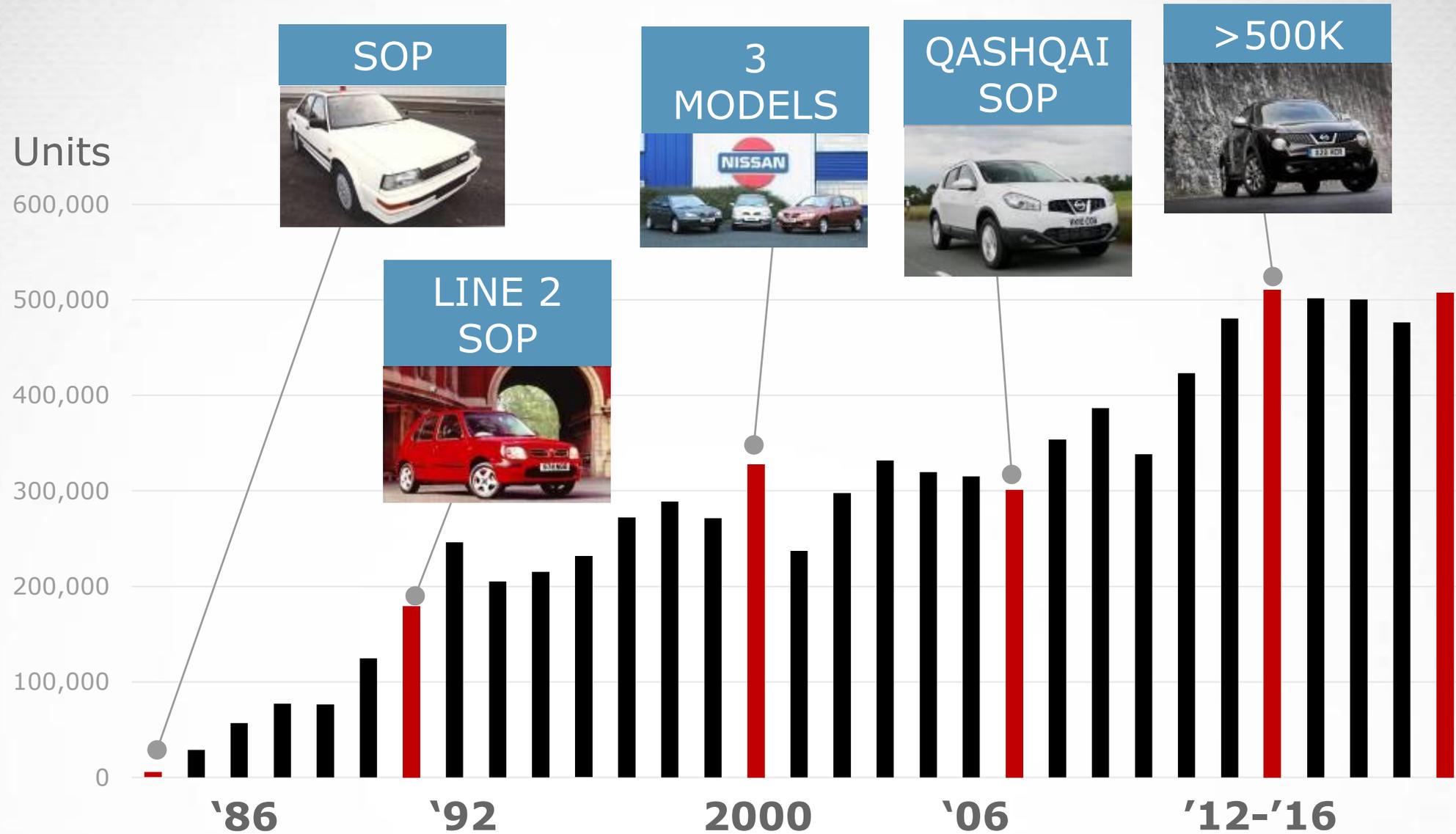
HOW THINGS HAVE CHANGED...



2016

405,712 square metres of built-up manufacturing space

Volumes: From 5,000 to 500,000



We've come a long way
since our very first
Nissan Bluebird rolled off
the Sunderland Plant
production line in 1986
30 years ago!

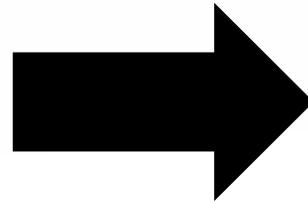




UK

GROWTH & EXPANSION

WE'RE STILL GROWING...



INFINITI Q30 in
Europe



New QASHQAI LINE
for capacity increase



XL Press Line &
Press Shop

Infiniti Q30 Launch

- £250m investment in Sunderland, SOP in November 2015
- First premium product for Sunderland
- First compact Infiniti, building the brand in Europe
- First Sunderland export to USA and China

BODY SHOP EXTENSION



TRIM & CHASSIS EXTENSION



QASHQAI LINE 2 PRODUCTION



£22m investment for additional Qashqai capacity from 2017

Demand outstrips supply despite record production levels

Crossover icon to feature autonomous technology from next year

£37M INVESTMENT : NMUK XL Press



£37m investment in new XL press line and Press Shop extension underlines Nissan's commitment to its UK operations

New 5,200 tonne press is the most powerful in the plant's history and will maintain exceptional build quality and competitiveness of UK plant



30 YEARS

OF SUCCESS



1986 : Bluebird



2016 : Qashqai

*Fastest model to
2m units in
UK automotive
history*

Nissan: Helping to drive the UK economy

30
30 YEARS OF
MANUFACTURING
IN THE UK

OUR CONTRIBUTION TO THE ECONOMY

TOTAL INVESTMENT **£3.85BN**

NISSAN'S UK OPERATIONS SUPPORT
40,000 UK JOBS
32,000 JOBS
IN DEALERS AND SUPPLY CHAIN

A REAL BRITISH SUCCESS STORY



2M
OVER 2 MILLION
UNITS IN UNDER
10 YEARS



What's
next?

80%
OF PRODUCTION
EXPORTED TO OVER 100
MARKETS WORLDWIDE

**1 IN 3 UK BUILT CARS
ARE NISSANS**



**BIGGEST CAR
PLANT IN THE UK**



500,000 CARS
ONLY UK CAR PLANT EVER TO
BUILD 500,000 CARS A YEAR



What's
next?

Nissan Sunderland: Future Model Allocation

[JUKE]



[X-Trail]



[QASHQAI]



Alliance Synergy

WHAT IS CMF ?

CMF stands for Common Module Family, the **Renault-Nissan Alliance's modular architecture system.**

CMF allows the Alliance to build **a wider range of vehicles** from a smaller pool of parts.

CMF DIVIDES THE CAR INTO **FIVE MAJOR MODULES**

EACH MODULE HAS VARIANTS.



THESE VARIANTS CAN BE **MIXED AND MATCHED**

TO CREATE **MANY VARIETIES** OF VEHICLES.



Alliance Synergy

CMF COVERS MOST VEHICLE SEGMENTS



CMF-A

Small, fuel-efficient vehicles for high-growth markets



CMF-B

Mid-sized vehicles, including sedans, hatchbacks and SUVs



CMF-C/D

Larger vehicles, including sedans, hatchbacks and SUVs

CMF-C/D ALONE COVERS
1.6 MILLION
VEHICLES
A YEAR AS OF 2016

BY 2020

70% OF ALL
ALLIANCE
VEHICLES

WILL FALL WITHIN THE CMF SCOPE.*

CMF will cover most Renault and Nissan vehicles, except Infiniti.

Alliance Synergy



IN SHORT CMF MEANS

- MORE CHOICE**
Module combinations match specific customer needs.
- HIGHER QUALITY**
Standardized components guarantee long-term performance.
- BETTER VALUE**
Cost savings lead to better technology at lower prices.

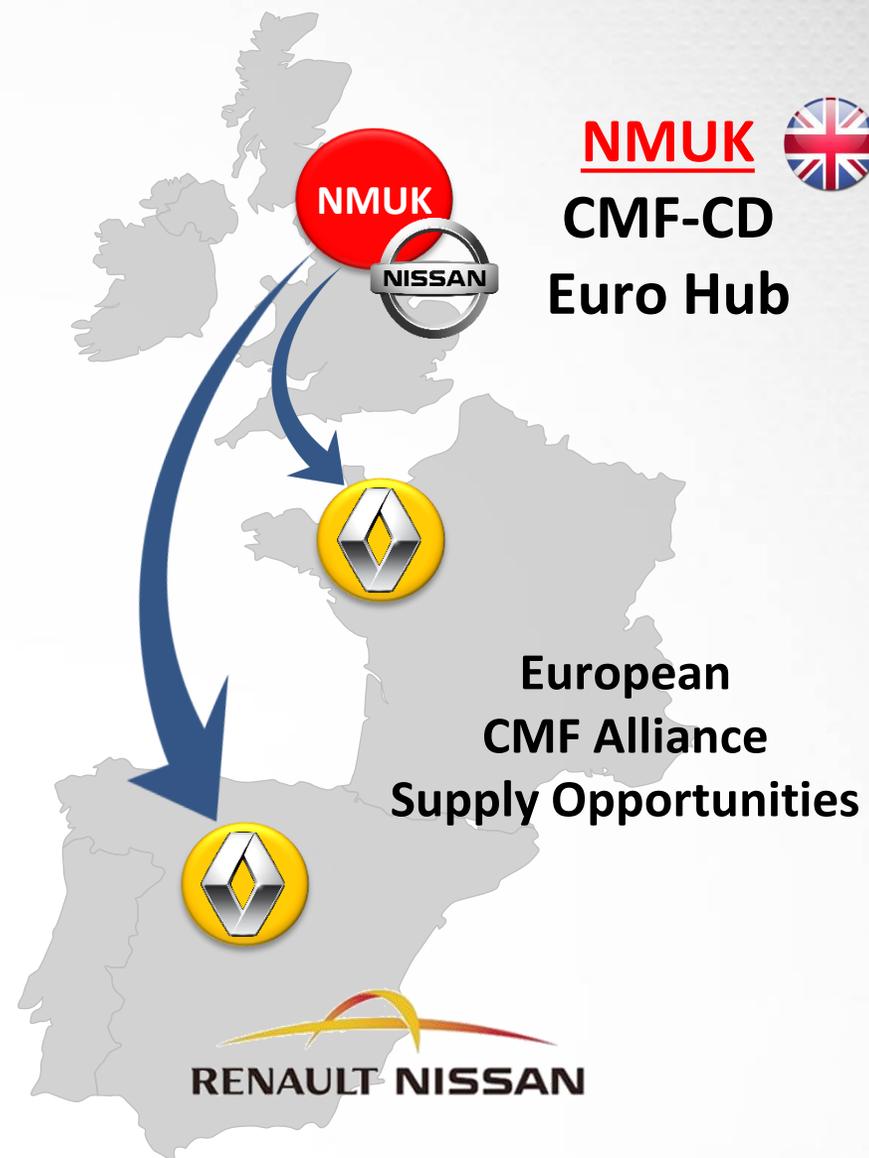
Global CMF-C/D Alliance Forward View



■ Total Alliance CMF- C/D production will be more than 1.9M/year by 2022

Alliance Supply Opportunity

- NMUK Key Alliance hub plant
- Future volume scenario with upcoming Alliance new models.....



The future of Nissan in Europe...

- 3 key next generation models planned for UK production
 - > Juke/ Qashqai/ X-Trail
 - > Built on common Alliance platforms
- NMUK to be a hub of European production for Alliance
 - > Increased supply opportunities for our suppliers

Continuing the success story of Nissan & the Alliance in Europe



