NEXT GENERATION OF TRANSPORT

MAIN PILLARS

The 3rd SIP–adus Workshop on Connected and Automated Driving Systems 2016

Next Generation Transport

DACIA

3rd SIP adus 2016 November 15 -16 2016

Christian Rousseau



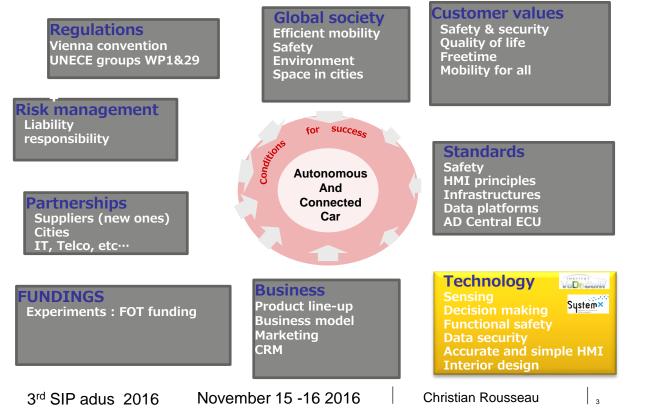
MAIN STAKES

- 80 to 90% accidents due to human errors
- Too long time in congestion: 78 minutes by day in lle de France in his car
- Limited population access to public and collective transport: 45% in France
- 30% à 60% delivery time for driving in urban city



RFNAULT

SUCCESS CONDITIONS FOR CAD LAUNCH



GROUPE RENAULT

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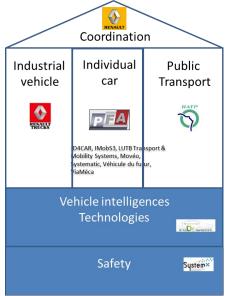
AUTONOMOUS DRIVING NEW FACE OF FRENCH INDUSTRY PLAN (NFI)

Affordable automated vehicles for all by 2020

• 3 ambitions :

- large scale autonomous vehicle experimentation
- excellence for embedded intelligence technologies
- key players within critical system safety domain

First experimentations on open roads in 2015



FRENCH STATUS

Progress

- Research objectives defined
- **5** demonstrations @ ITS Bordeaux
- > 10 000 Kms available
- 15 experimentations
- New legal framework for AD experimentation

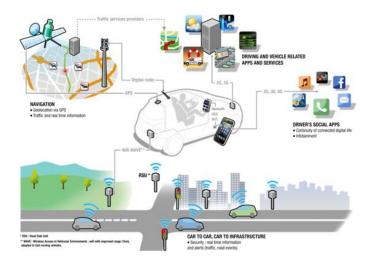
Perspectives

Large scale demonstration by 2018





Two complementary services : connected and automated



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Connected Vehicle

Automated Vehicle

6



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UP

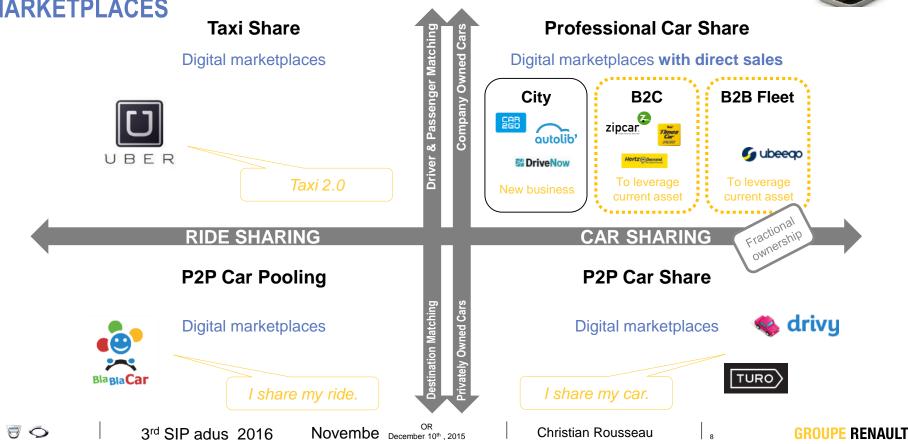
AULT

NEW SERVICES FOR NEXT GENERATION PEOPLE AND GOODS

- MULTI MODAL Transportation services for people and goods
- VEHICLES SHARING
- TRANSPORT ON DEMAND
- AUTOMATED SCHUTTLE
- ROBOT TAXI

New Mobility ON-DEMAND MOBILITY: A NEW KIND OF CAR CONSUMPTION ON DIGITAL MARKETPLACES

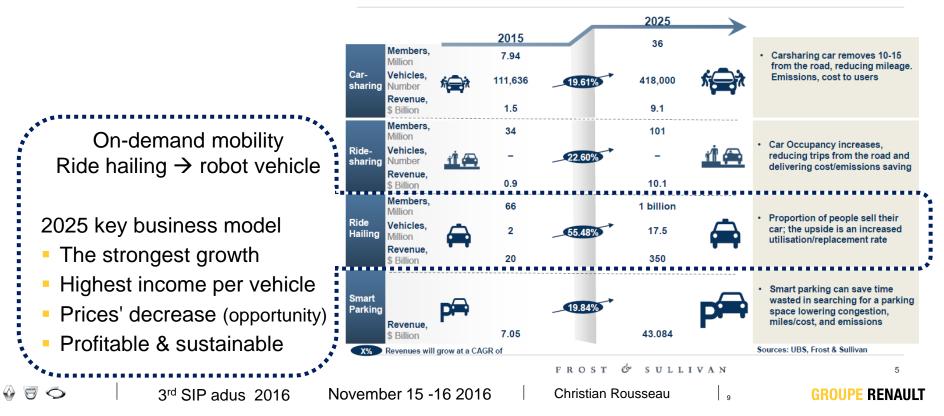




On-demand mobility by robot vehicle WHAT WILL BE THE WINNER BUSINESS MODEL IN 10-15 YEARS?

Sizing the Potential Uptake of New Mobility Services

New Mobility business models are already billion dollar revenue potentials, but will become more sustainable and profitable once integrated with several other mobility platforms, and eventually autonomous



On-demand mobility by robot vehicle Time scale of an industrial REVOLUTION

DACIA

KP1: APPLIED FASTER BY PUBLIC TRANSPORT OPERATIONS.

