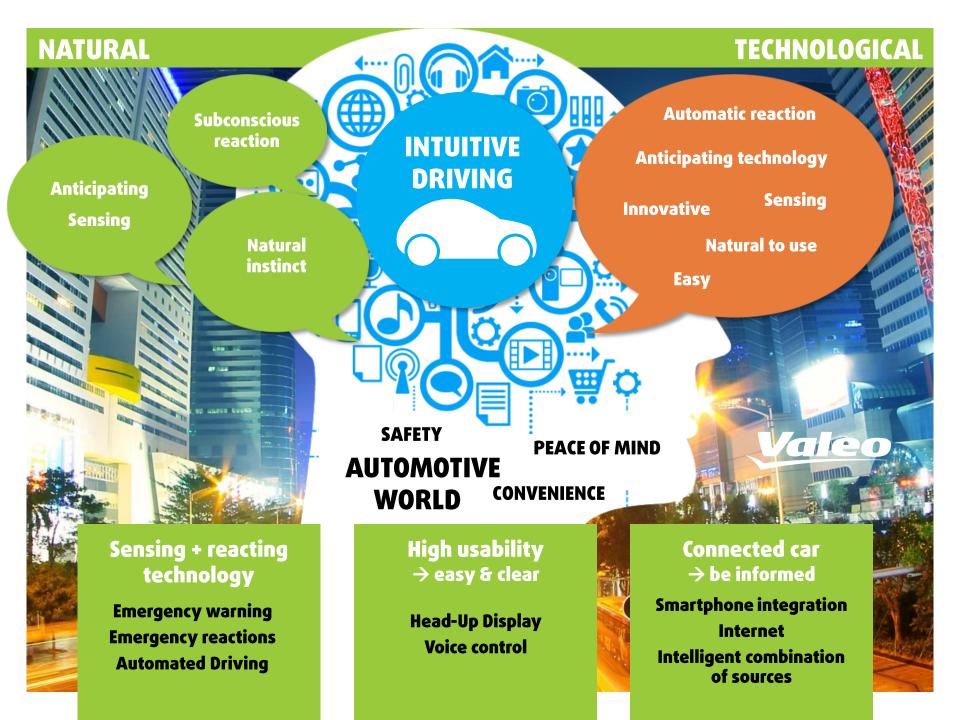


Patrice Reilhac

Innovation & Collaborative Research Director Valeo Comfort & Driving Assistance Business Group Keynote Speech, AMAA, Berlin June 2013



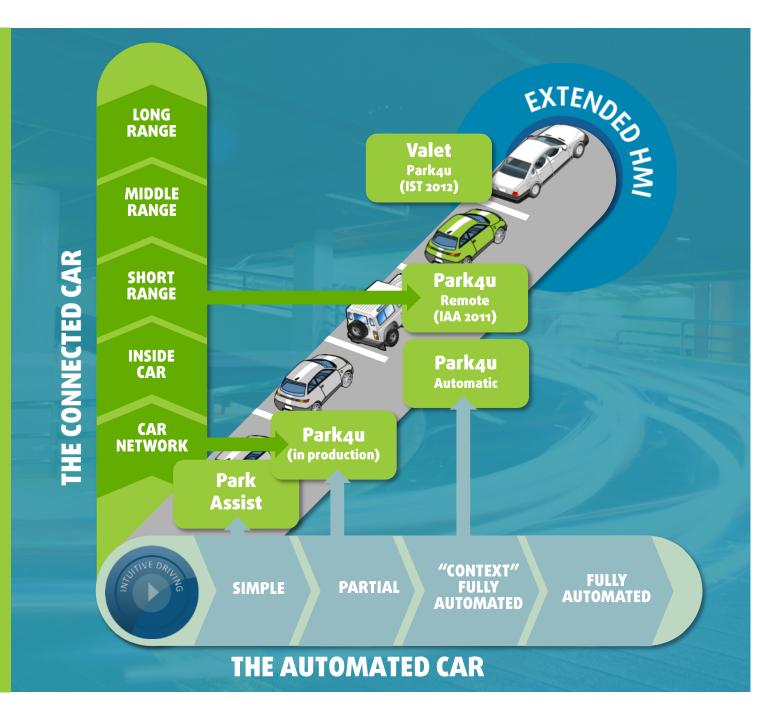








parking



Extended HMI



the situation

THE CONNECTED CAR

The network coverage is not 100%. Service interruption will occur

The flow of information increases

how to manage it?

How do we manage the take over back to manual driving?

What is the end user doing during the full automated phase?



THE AUTOMATED CAR

Extended HMI



Overload & Distraction risks: Information overload management

Frustation risk: Communication interruption management

The driver as a passenger: becomes primary

EXTENOS

HM

The driver back in control:



THE AUTOMATED CAR

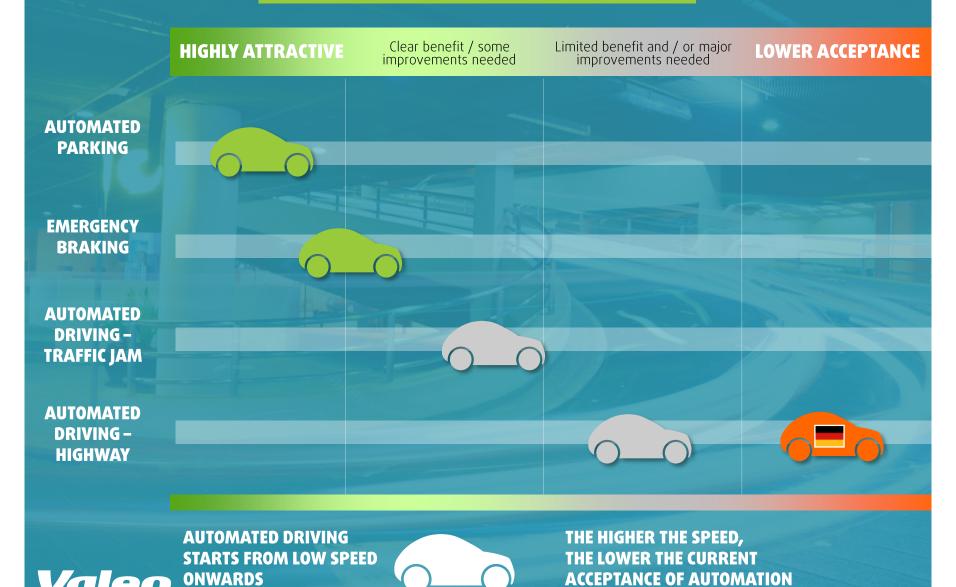


THE 1ST STEP TOWARD AUTOMATED DRIVING

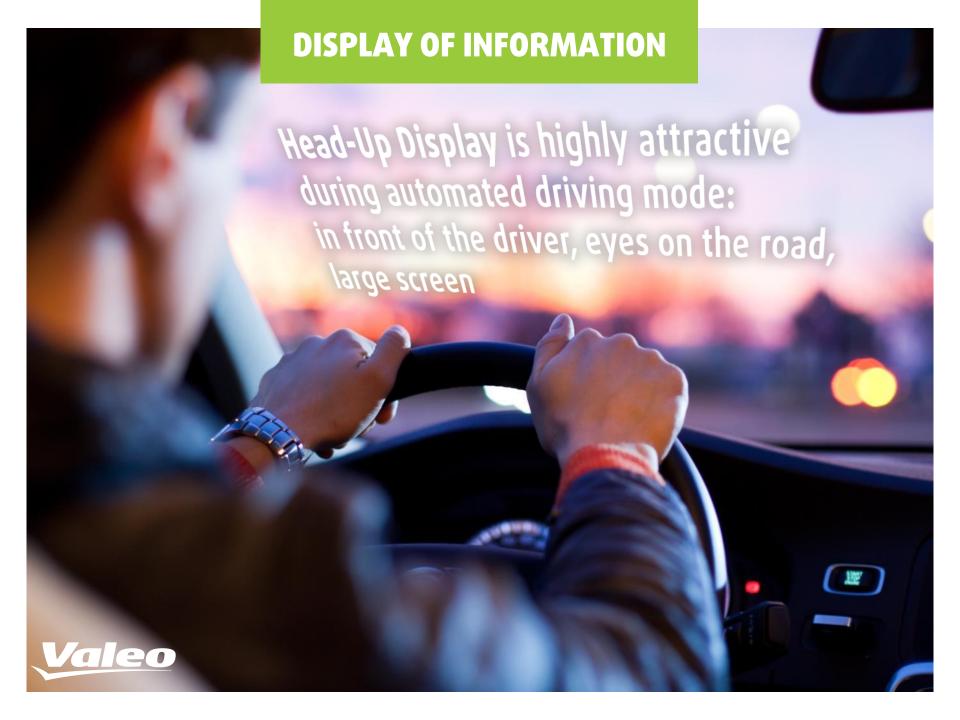


Automated Parking as the 1st step toward Automated Driving

DRIVING EXPERIENCE STUDY - OCTOBER 2012







Valeo Solution Mapping: Towards automated cars

CONNECTIVITY

SAFE TRANSITION DRIVER AS A PASSENGER DRIVER MONITORING



WIRE

SIMPLE

PARTIAL

"CONTEXT"
FULLY
AUTOMATED

FULLY AUTOMATED

THE AUTOMATED CAR

VALEO VISION: INTUITIVE DRIVING THE THREE PILLARS RELEVANT TO INTUITIVE DRIVING

INUITIVE

DRIVING

DRIVING & PARKING

Front Multi Function Camera

Laser Scanner

Park4U Remote 360Vue 3D

Emergency braking

Driver

Monitoring

Camera

Steering
Wheel
Switches
Top C

REMOTE ACCESS & CONTROL

InTouch (eCall)

Telematic Control Unit

Bluetooth
Smart Remote

Passive Entry Passive Start

Head-up Display

Top Column Module eSkin lite (Touchscreen)

DISPLAY, CONTROL & CONNECT









CONNECTED EXTENDED AUTOMATED DRIVING HMI DRIVING

