AUTONOMOUS VEHICLES: THE NEW MOBILITY

More and more market players are pushing into the market

Autonomous vehicles: a very high-potential market

2035: 515 billions of euros
### A DISTINCTIVE APPROACH  
**MAKING THE DIFFERENCE**

<table>
<thead>
<tr>
<th>NAVYA</th>
<th>Other players</th>
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<tbody>
<tr>
<td>Commercialises a 100% autonomous production vehicle</td>
<td>Prototype self-driving cars at experimentation stage</td>
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<td>Commercialise vehicles with driving aids (ADAS)</td>
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The vehicle developed by NAVYA: the NAVYA ARMA is the first 100% autonomous production vehicle.
MULTI-SITES APPLICATION

- Industrial sites
- Airports
- Urban areas
- Campuses
- Hospitals
- Theme parks
PROVIDING MAJOR FIRST-LAST MILE BENEFITS

PRIVATE SITES

PUBLIC ROAD

ADVANTAGES

- Improved safety & Accident reduction potential
- Service improvement: Enhanced frequency & increased punctuality for the customers
- 100% Electric: Reduction of CO2 emissions
- No specific infrastructure required
- Productivity gains
- Working conditions improvement
- Reduced congestion
- Increase of the size of the area covered

Allowed

Allowed under authorization
100% autonomous
15 people shuttle
Driverless
100% electric
100% readily available
COMBINATION OF DESIGN & INTELLIGENCE

GPS / GPSRTK
Vehicle geolocalisation technology

LIDARS
Rays of light creating the 3D cartography

STEREOVISION CAMERA
Filming & analysing the environment

INERTIAL CENTRAL
Vehicle orientation, rotation, odometry and positioning in 3D
NAVYA ON THE PUBLIC ROAD
WORLD PREMIERE DEMONSTRATION IN BORDEAUX

During 5 days, a fleet of 3 NAVYA ARMA transported more than 1500 people on the open road

October 2015
A NAVYA bus route between the train station and the city-centre will be operating as from Spring 2016.
NAVYA ON PRIVATE SITES
SERVICE ON THE EDF NUCLEAR PLANT OF CIVAUX (FR)

6 Navya Arma
+ 3 Millions of euros
+ 1,200 employees carried
- 40 tons of CO2 emission

Increased frequency of passage: from every 15 minutes to every 5 minutes

March 2016