Global and China Fixed-route Autonomous Vehicle Research Report, 2016

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STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

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Abstract

Frankly, there is still a long way to go to achieve autonomous driving on complicated urban roads. However, mature technologies and solutions are available for autonomous driving in a relatively closed environment or on fixed routes.

Globally, governments, together with enterprises and research institutes, have launched a lot of such projects over the last two years. For example, the Netherlands, Japan, and Dubai have started testing and planned to put them into operation.

The Report does some statistics of and research into autonomous buses and projects in service/soon-to-be in service/planned-to-be in service.

Statistics of Auto Models Participating in Projects

Enterprise	Auto Model	Project/Test	Test Site
EasyMile	EZ10	WEpod Autonomous Shuttle Bus	the Netherlands
		Citymobil Project	Five cities like Lausanne (Switzerland) and La Rochelle (France)
		Robot Shuttle Autonomous Vehicle Transportation System Testing	Japan
		Autonomous Bus Trial Operation in Dubai	Dubai
Navya	Arma	PostBus Autonomous Bus Testing	Switzerland
Local Motors	Olli	Autonomous Vehicle Testing Project in Washington, D.C.	U.S.A
RDM Group	Lutz	Autonomous Vehicle- Urban Road Testing	Britain
Phoenix Wings	Meridian	Autonomous Vehicle- On-demand Testing	Britain
DFKI	EO2	Vehicle Parking in Tiny Urban Space and RoadTrain Testing	Germany
Mercedes-Benz	Future Bus	CityPilot Autonomous Driving System Testing	Germany
Yutong	ZK6105	Autonomous Bus- Functional Testing	China

Source: ResearchInChina

Domestically, Baidu and OEMs (Chery and BAIC) are leading the development of relevant operation projects.

Scenic-spot vehicles and fixed-point/fixed-route autonomous vehicles are the autonomous vehicles that are mostly likely to be put into commercial application. The establishment and launching of these projects, to some extent, bolster confidence of every party in R&D and promotion of autonomous driving.

Statistics of Testing Projects

Country	Location	Testing Project	Participant	Current State
China	Wuhan	KOTEI Information's Autonomous Driving Special Line Project	Wuhan Kotei Informatics, Wuhan University of Technology, Wuhan University, etc.	Launched
	Wuhu	Fully Autonomous Car Operational Area	Baidu, Chery, etc.	To be Launched
	Wuzhen	Scenic Spot with Driverless Car	Baidu, Wuzhen Tourism	To be Launched
	Panjin	Red Beach National Scenic Corridor Autonomous Driving Experience Project	BAIC, Panjin Municipal Government	To be Launched
Britain	London	GATEway Project	Heathrow Enterprises, Oxbotica, etc.	Launched
Russia		Autonomous Bus Testing Project	Volgabus Plant	Launched
Singapore		2getthere Autonomous Capsule Car Testing Project	2getthere, SMRT	Planned

Source: ResearchInChina

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