

Masahiko Takenaka

Mitsubishi Heavy Industries Machinery Systems

Probe Data Analysis for Traffic Management





ITS WORLD CONGRESS 2017 Montréal | OCTOBER 29 - NOVEMBER 2

Hours in Congestion in Canada

Ranking	City	Hour/year	
1	Montreal	52.0	
2	Tronto	45.6	
3	St. John's	31.8	
4	Ottawa	31.5	
5	Vancouver	30.4	

Source: INRIX Global Traffic Scorecard 2016 http://inrix.com/scorecard/



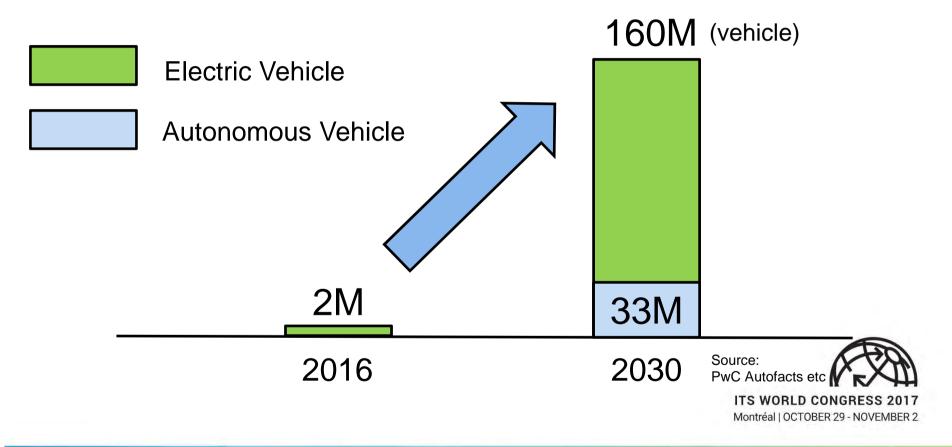


Source:The Boring Company https://www.boringcompany.com/

ITS WORLD CONGRESS 2017

Montréal | OCTOBER 29 - NOVEMBER 2

Electric/Connected Vehicle Growth





Current

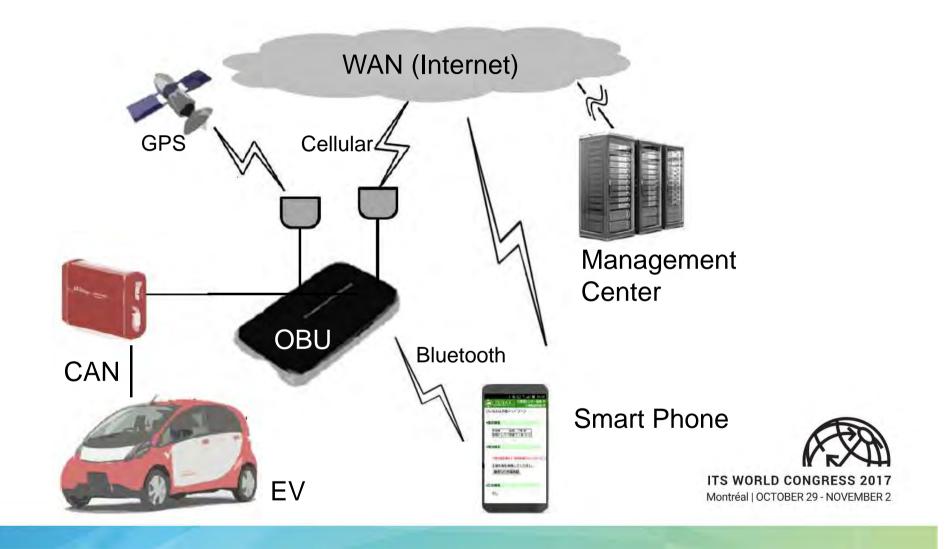


Changing Drivers' behavior

Future







Origin and Destination (O/D)





Number of vehicles traveled

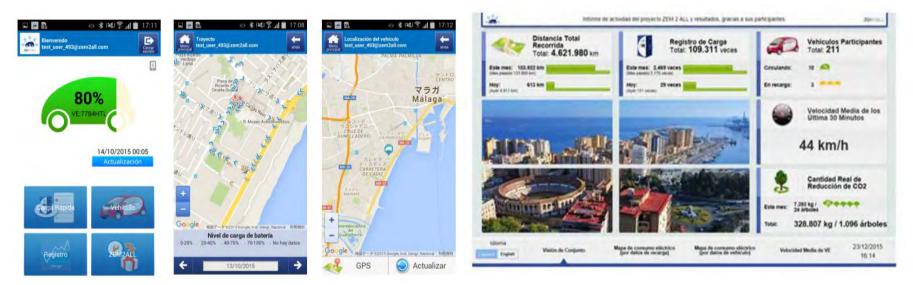
		Origin				
		Area 1	2	3	4	5
	E	1,406	1,057	237	653	3,015
estination	D	416	362	289	1,578	578
	C	421	557	924	224	197
	В	1,879	4,623	462	347	381
	Area A	12,376	1,733	414	494	1,170



Traffic Volume Heat Map



Changing Driver's Behavior



Smart phone

Web page



What we achieved



Montréal | OCTOBER 29 - NOVEMBER 2



I'm looking forward to seeing you at our booth #1103 among Japan Pavilion for further discussion!



MITSUBISHI HEAVY INDUSTRIES

Masahiko Takenaka

Manager ITS Business Section ITS Business Department Business Division



Mitsubishi Heavy Industries Machinery Systems, Ltd.

1-1, Wadasaki-cho 1-chome, Hyogo-ku, Kobe 652-8585 Japan

TEL +81-78-672-5529 FAX +81-78-672-2900

MOBILE +81-80-8345-5164

masahiko takenaka@mhims.co.ip

MOVE THE WORLD FORW>RD MITSUBISHI

HEAVY INDUSTRIES GROUP



Montréal | OCTOBER 29 - NOVEMBER 2