

Automated Transit Network

AUTOMATED CARS OR AUTOMATED TRANSIT SYSTEMS?

ANNUAL POLIS CONFERENCE, ROTTERDAM

Podcar
Group Rapid Transit
Mobility
Rivium
Sustainable
Network Safe
Automated
TOMS
Personal Rapid Transit
GRT
Floriade
Freight Rapid Transit
Schiphol
Free Ranging On Grid
Masdar
PRT



LOOKING BACK

EXPERIENCE THROUGH APPLICATIONS

SCHIPHOL
THE NETHERLANDS



97

99

02

FLORIADÉ
THE NETHERLANDS



06

07

3rd GENERATION PROJECT
TO BE ANNOUNCED



2GETTHERE
SPLIT OFF

10

16

RIVIUM I
THE NETHERLANDS



RIVIUM II
THE NETHERLANDS



MASDAR
ABU DHABI



REALIZING SUSTAINABLE MOBILITY **2getthere**

LOOKING BACK

SUCCESSFUL APPLICATIONS IN OPERATION



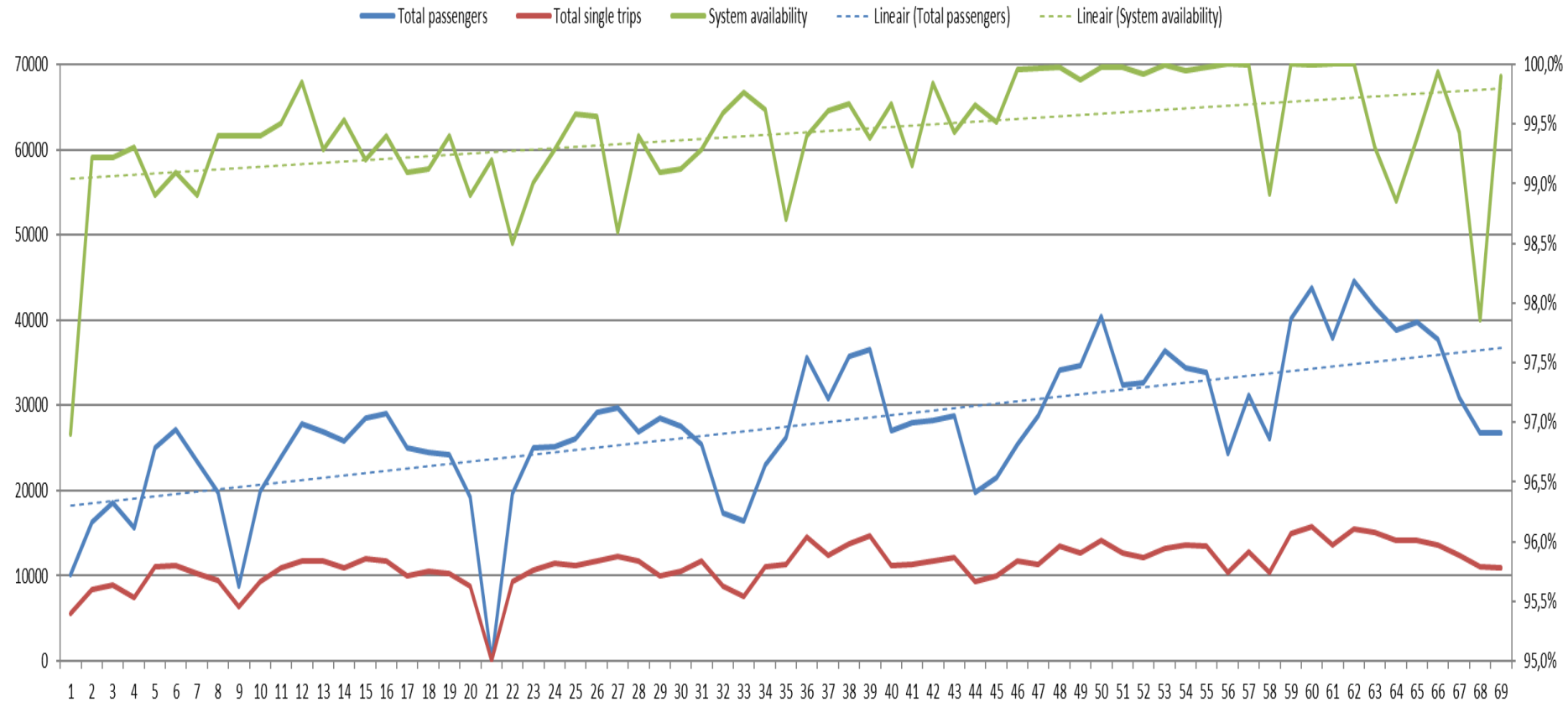
OPERATIONAL RESULT

PASSENGER GROWTH AND SYSTEM AVAILABILITY

System Availability

Masdar PRT	99.4%
Tramlink	98.6%
Heathrow Express	98.0%
Docklands Light Rail	97.4%
London Underground	95.6%
Overground	94.8%

All data relates to 2010/2011.
 Figures from Transport for London.



LOOKING FORWARD?

MIXED TRAFFIC DEMONSTRATIONS: 2003-2004





LOOKING FORWARD!

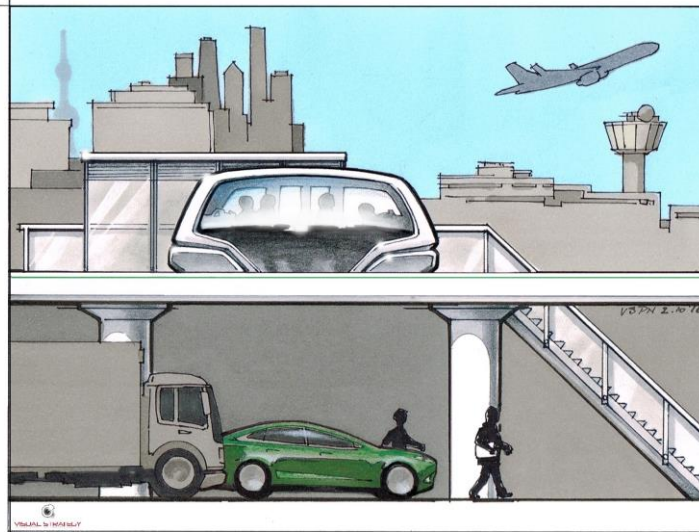
3RD GENERATION GRT



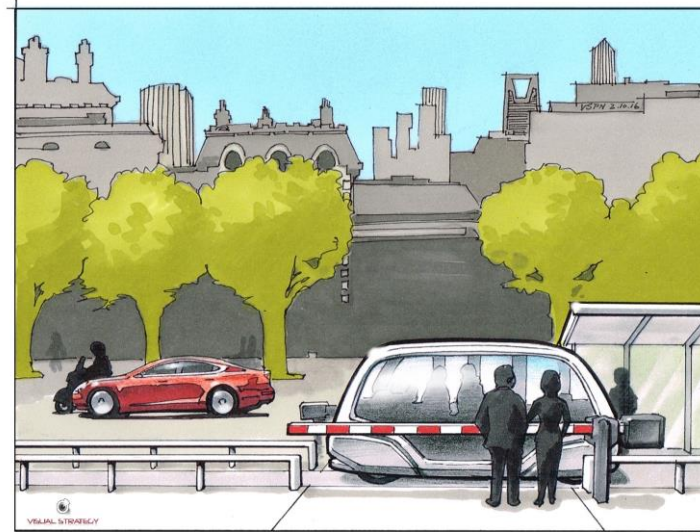
3RD GENERATION GRT
INTERIOR DESIGN

ONE AUTOMATED VEHICLE SYSTEM

CATERING TO VERY DIFFERENT MARKET SEGMENTS



Automated People Movers (APM)



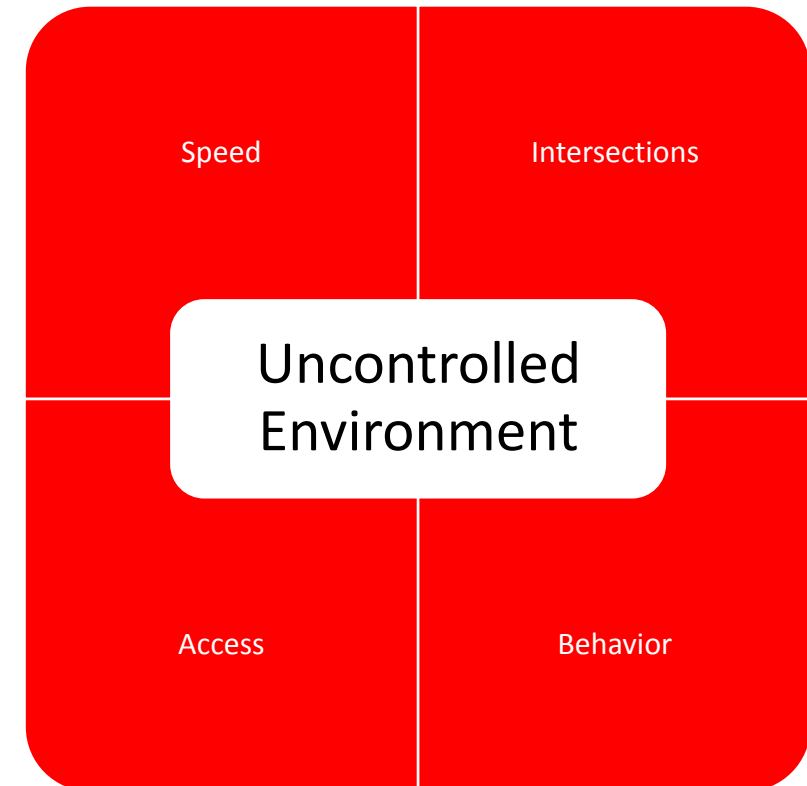
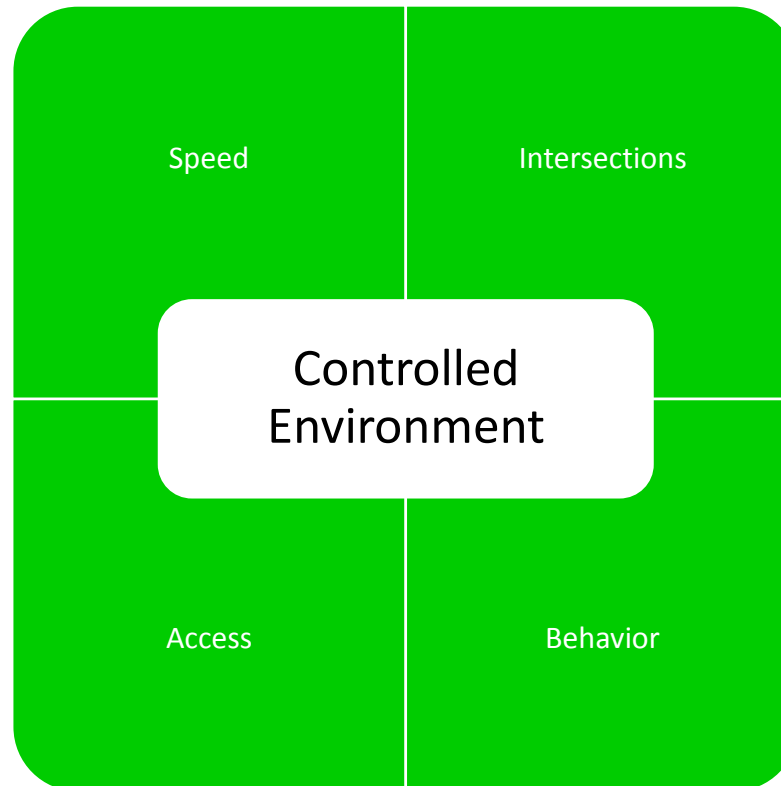
Automated Transit Networks (ATN)



Shared Autonomous Vehicles (SAV)

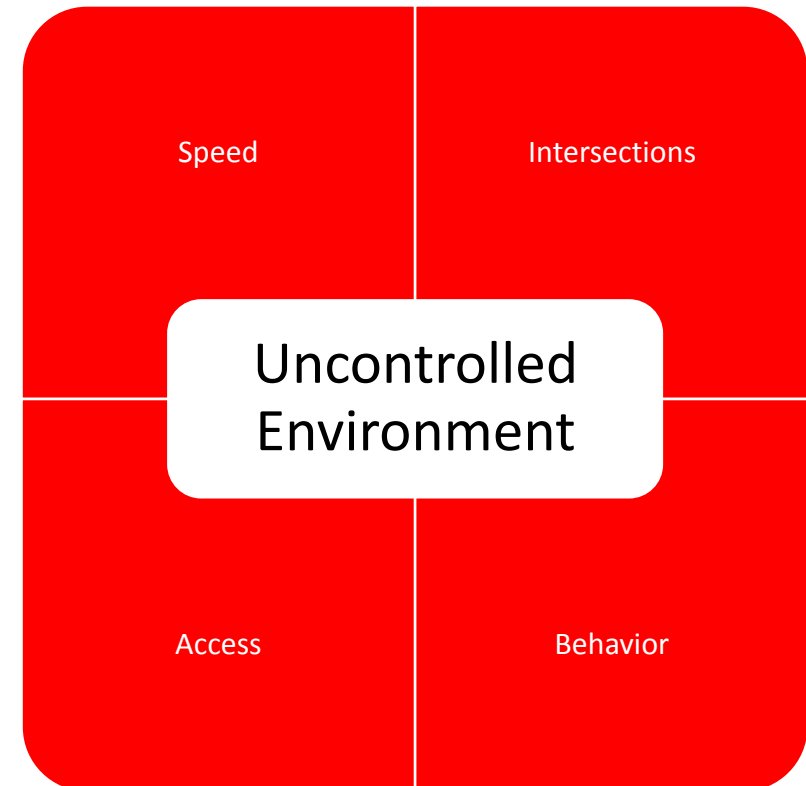
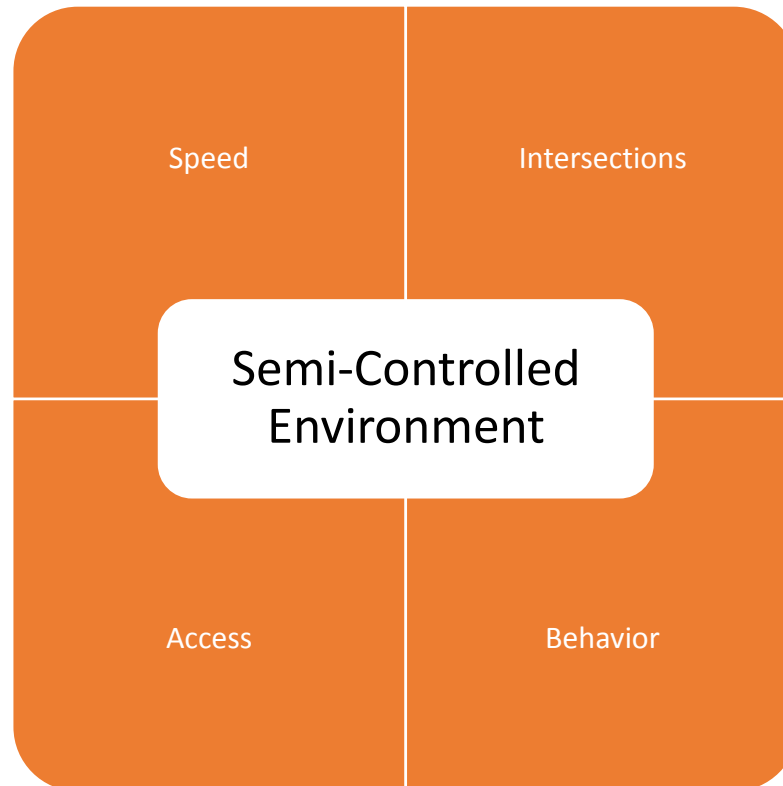
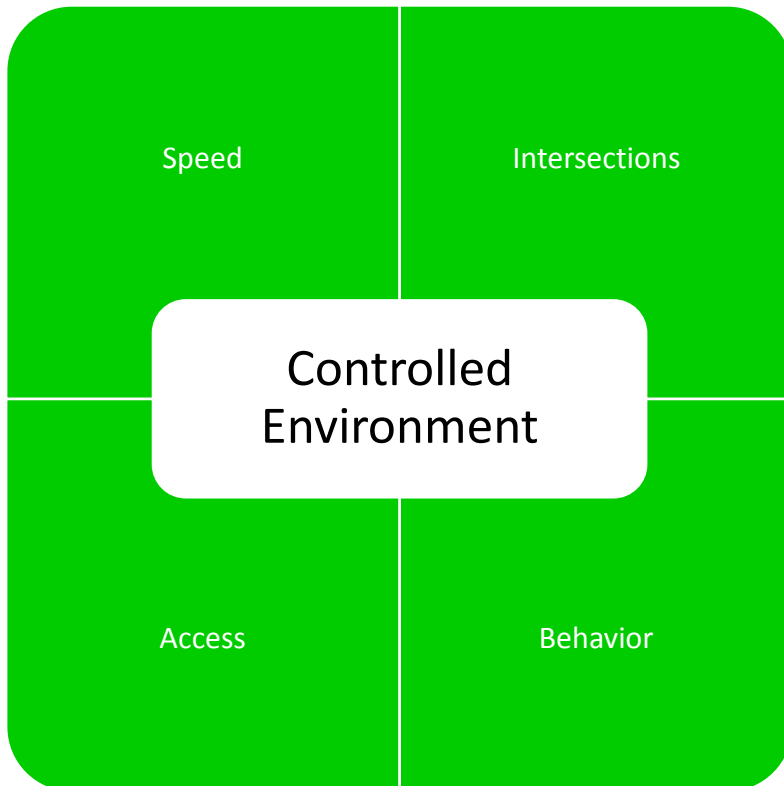
THE COMPLEXITY OF AUTOMATION

TO CONTROL THE APPLICATION ENVIRONMENT, OR NOT? THAT'S THE QUESTION



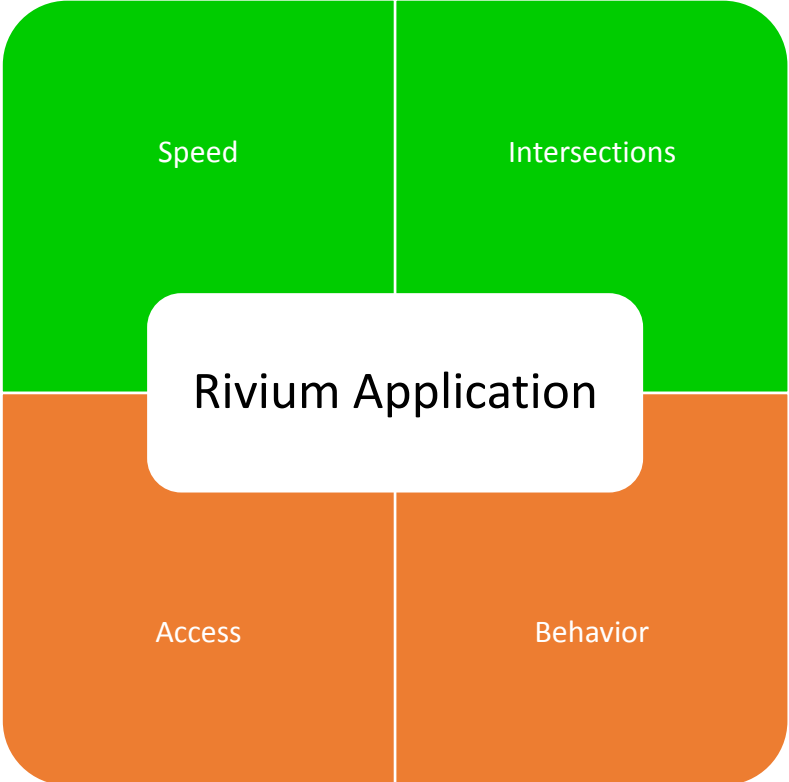
THE COMPLEXITY OF AUTOMATION

TO CONTROL THE APPLICATION ENVIRONMENT, OR NOT? THAT'S THE QUESTION



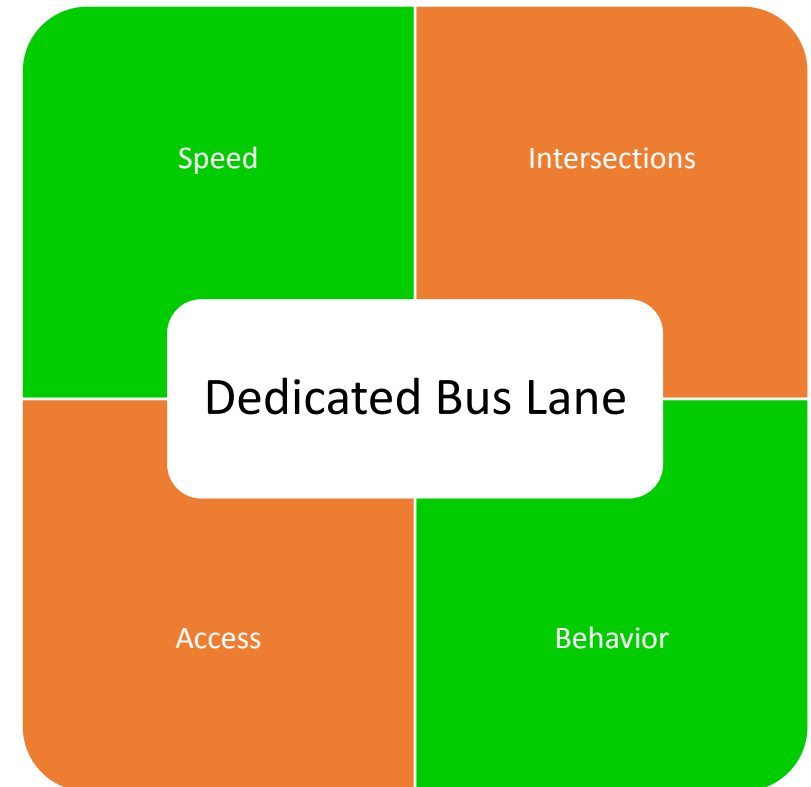
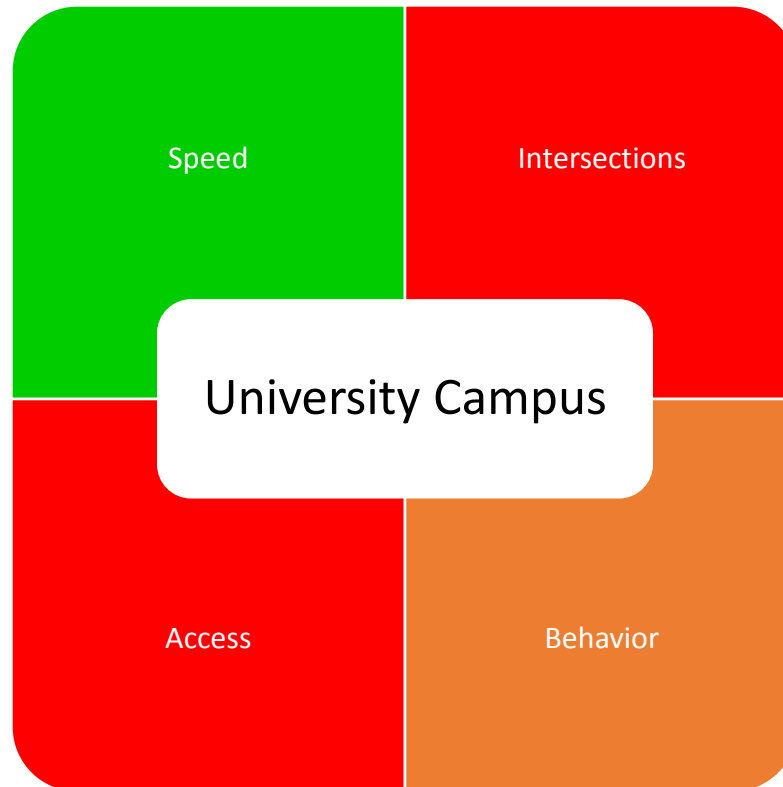
RIVIUM APPLICATION

TRULY AUTONOMOUS: NO SAFETY DRIVER OR STEWARD!



THE NEXT APPLICATIONS

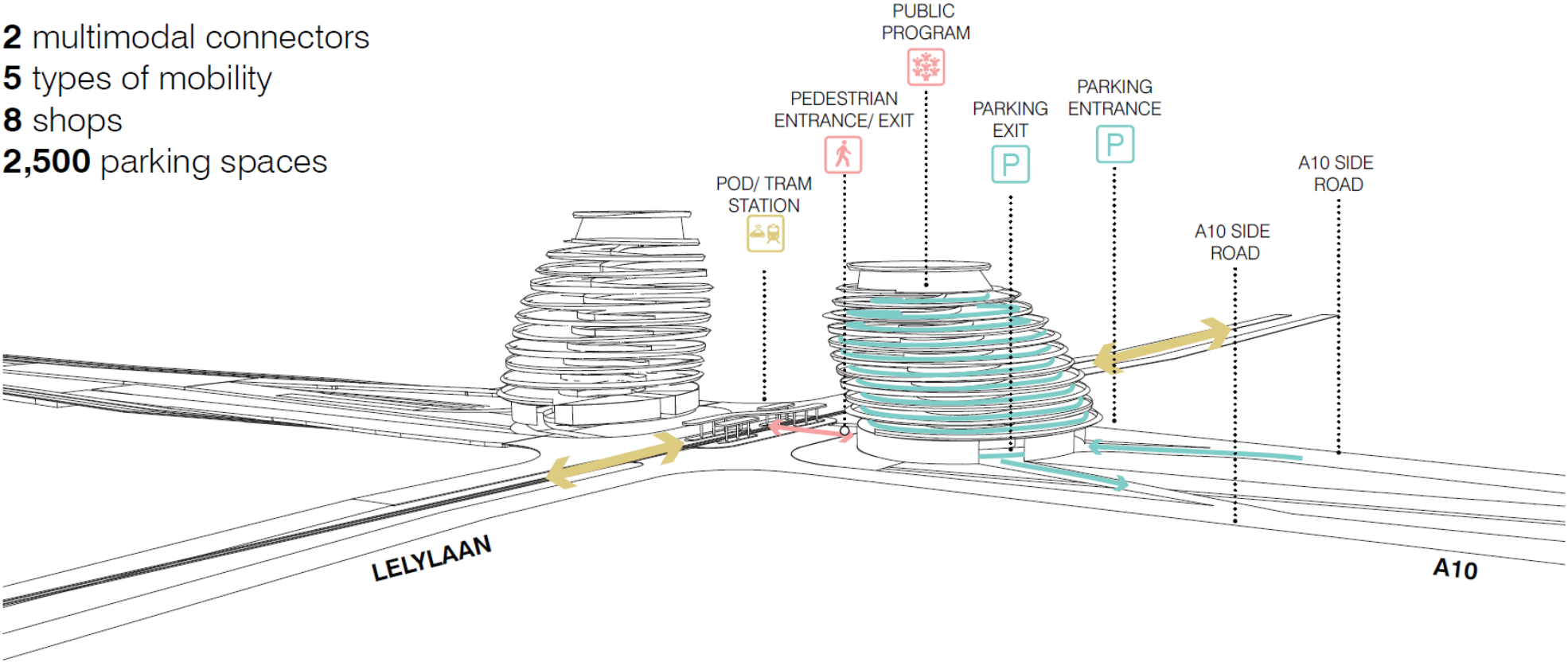
POSSIBLE OPERATING ENVIRONMENTS



COMBINE SELFDRIVING CARS AND SYTEMS

LELYLAAN CASESTUDY

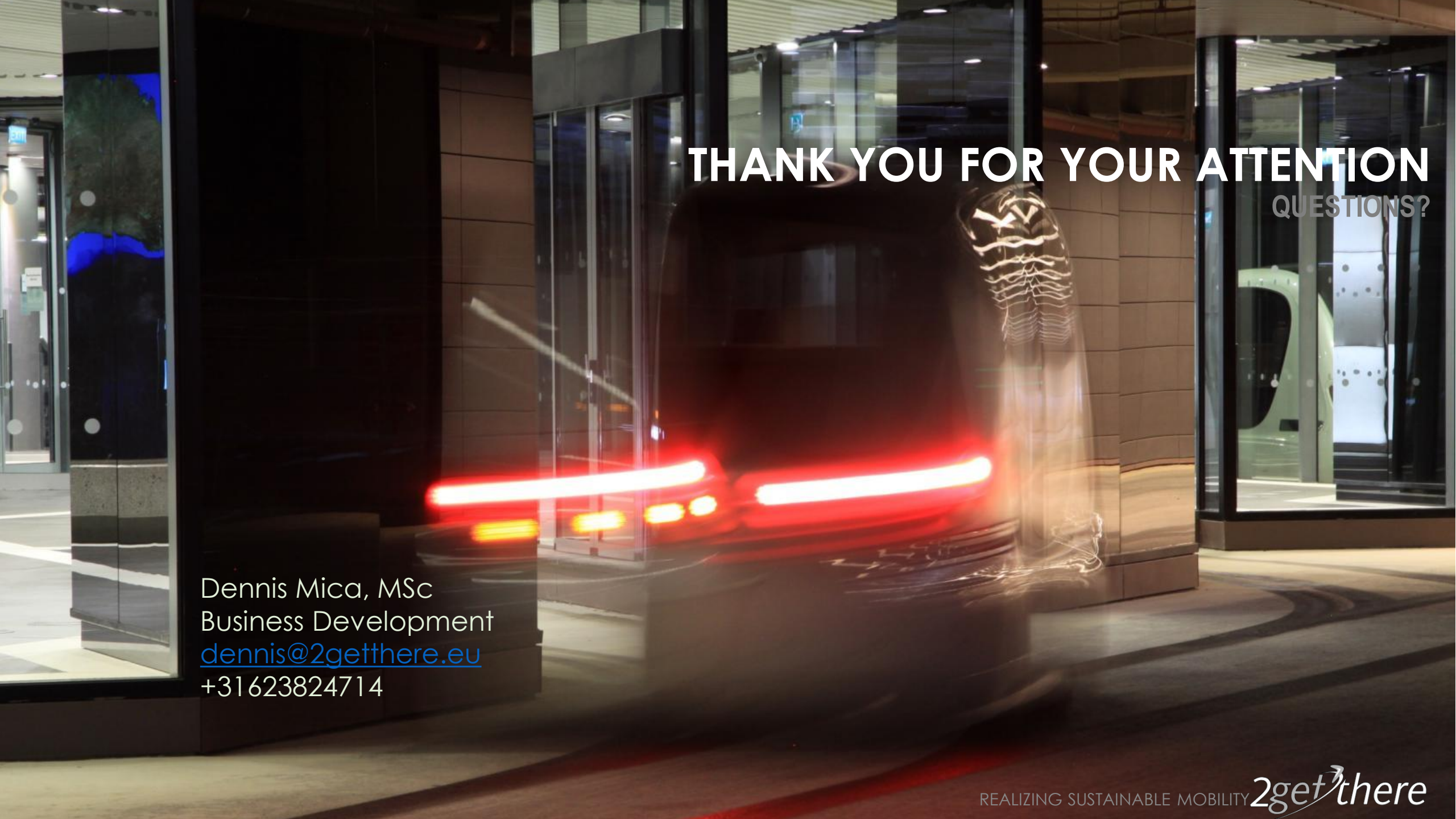
- 2 multimodal connectors
- 5 types of mobility
- 8 shops
- 2,500 parking spaces



Amsterdam A10

Case Study Lelylaan, 29 June 2016





THANK YOU FOR YOUR ATTENTION
QUESTIONS?

Dennis Mica, MSc
Business Development
dennis@2getthere.eu
+31623824714