



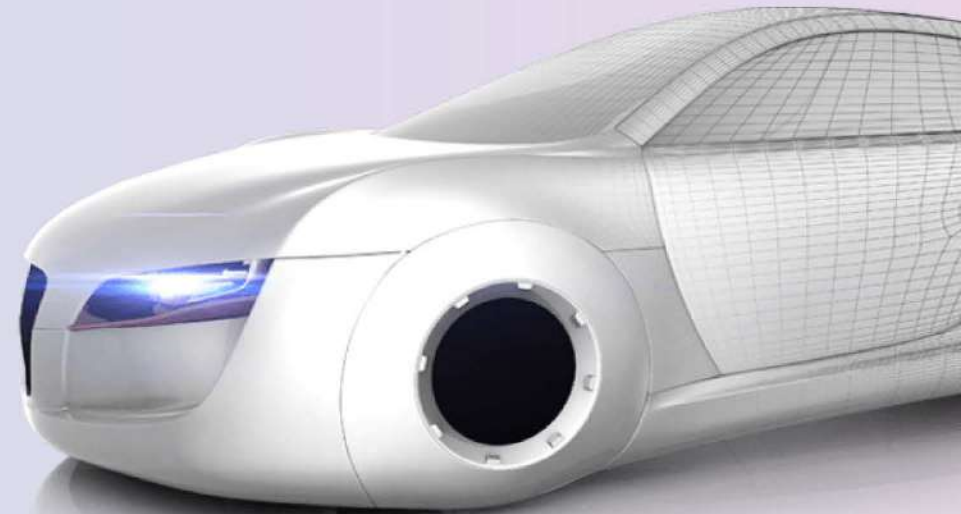
DUBAI WORLD CONGRESS
FOR SELF-DRIVING TRANSPORT

OCT | 2019

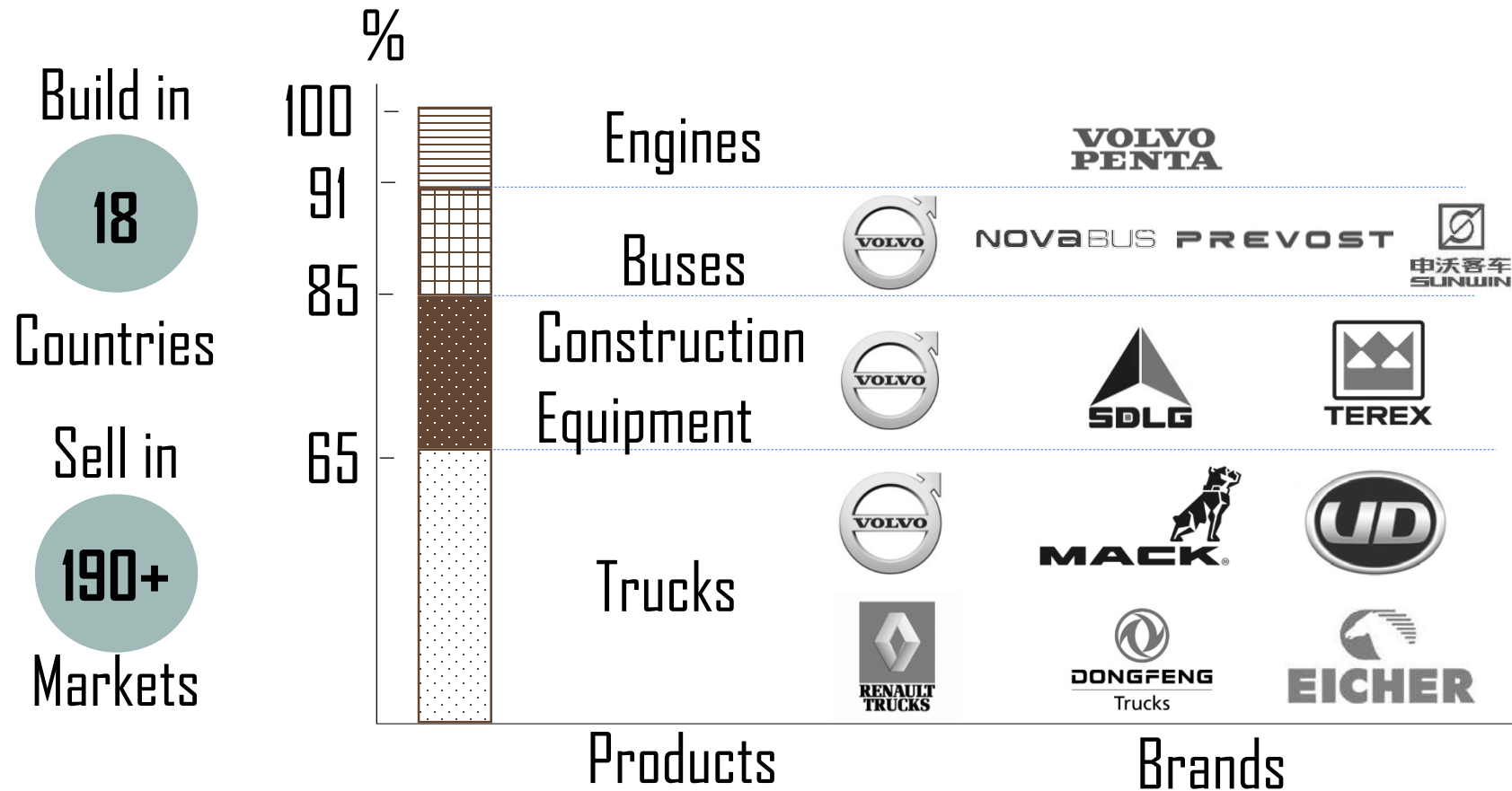
Application Pathways to Connected and Automated Driving

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Leading global manufacturer of trucks, buses, construction EQ, and marine and industrial engines



Connectivity and automated driving will allow for cleaner and safer megacities to grow and prosper



Technology choices are addressed by business needs and operations, and will vary

Automation will redefine the commercial transport solutions that most of us rely on every day

The first autonomous commercial solution



Autonomous bus trial in Singapore

World's first 'emission-free' quarry



Bleeding-edge innovation

Volvo Group will introduce automated applications gradually over time

Growing our automation capabilities has been in focus over the last several months



Research Collaboration with DFDS



Partnership with NVIDIA to develop AI platform



Technology exploration with DHE & Perceptive Automata

Collaborations will strengthen long-term capabilities for autonomous trucking

V2X technologies are enablers for increasing transportation safety and efficiency



- Nov 2015 • First-ever testing of V2I apps on public roads
- Mar 2016 • First-ever FHWA V2I demonstration
- Oct 2016 • Testing on public roads and live work zones in MI
- Jan 2017 • First-ever V2I demonstration in Washington, DC
- Sep 2017 • Seminal efforts for standardization and harmonization of V2I across US - in MI, TX, AZ, CA, ...



Created a regional partnership to assess air quality improvements near the ports using V2X technologies



