AUTONOMY
& THE URBAN MOBILITY SUMMIT

How Will AVs Fit into the Urban Mobility Landscape

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AUTONOMY'S 5 DISRUPTORS

The way we move in cities is changing. To help understand the transition Autonomy created the acronym ADESA, which illustrates the five elements disrupting mobility: Active mobility, Data analytics, Electric, Shared, and Autonomous vehicles.

We believe that the interplay of these five factors will make single car ownership in European cities a thing of the past much sooner than people think.

A — Active mobility

Cycling, walking, skating, roller-blading, kick-scooting etc. are still the most efficient and healthiest ways to move in cities.

D — Data analytics

The rise of the Internet of Things makes it easy to capture data and optimise systems. Connected vehicles will generate the necessary data to enable autonomous driving. Smart Cities already leverage data to help us get around.

E — Electric vehicles

The future of mobility is electric: buses, cars, 3-wheelers, scooters, bicycles, segways and solowheels are benefitting from improved battery technology. Reduced maintenance and running costs make EVs more appealing for urbanites. We now need to provide clean energy to meet this growing demand.

S — Shared mobility

Shared mobility is well established in most major European cities. A second generation of free-floating 'dockless' vehicles, booked and paid for via smartphone, will soon enter our cities.

A — Autonomous vehicles

The race is on between two competing AV solutions: OEMs building cars that can switch to autopilot on request and tech companies building robo-taxis that cannot be driven. There is no doubt that urbanites will start using AVs regularly in major cities by 2025.