



TeraTrends

TeraTrends are a series of exponentially accelerating technological trends that will converge in the 2020s. These trends will lead to advances in autonomous and electric vehicles, urban mobility, solar and battery storage, along with the technology required to support these industries. The convergence of these advances will lead to the reshaping of American cities and create widespread social benefits and unparalleled economic prosperity.

TeraTrends.net provides advisory services for transportation mobility, renewable energy and real estate projects to ensure that the built environment is equipped to benefit from the oncoming future of urban mobility.

Our approach is driven by

research and our aim is to help clients make strategic decisions about major commercial and infrastructure projects.

Consulting services include technology trend analysis, transportation mobility adoption projections, financial analysis,

financing, development, acquisition and asset management to optimize a project's viability and advance the implementation of autonomous, connected, electric and shared vehicles in the built environment.

SERVICES



**TREND
ANALYSIS**



**TRANSPORTATION
MOBILITY PLANNING &
IMPLEMENTATION**



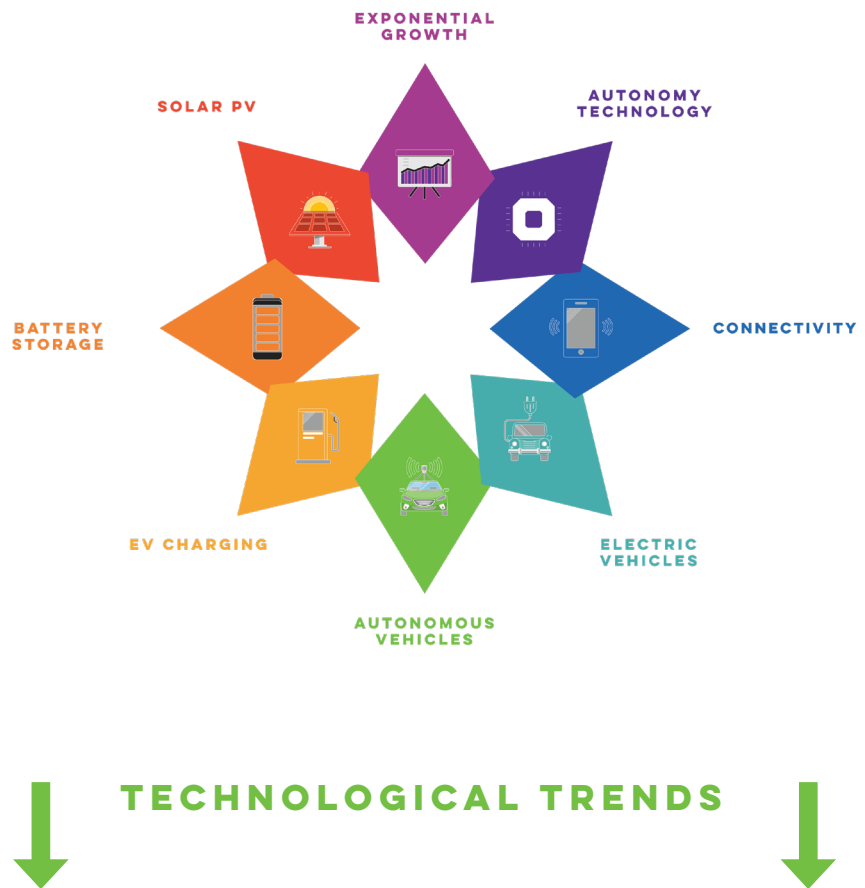
**RENEWABLE
ENERGY PLANNING &
IMPLEMENTATION**



**REAL ESTATE
PLANNING &
IMPLEMENTATION**

Beginning around 2020, a series of exponentially accelerating technological trends will begin to converge. When combined, these trends will lead to advances in autonomous and electric vehicles, urban mobility, solar PV and battery storage, along with the technology required to support these industries. The convergence of these advances will lead to widespread societal benefits, unparalleled economic prosperity and the reshaping of American roadways, real estate and cities.

It is critically important that those who play a role in shaping the future of American cities – policymakers, developers and business leaders – make decisions today that will usher in the next technological revolution instead of slowing it down. The way that laws are written, infrastructure is developed and business is conducted today will lay the groundwork for the future of innovation ahead.



DISRUPTIVE TRANSPORTATION MOBILITY WITHIN FIVE YEARS

Since fall 2017, transportation network and automobile companies have announced partnerships at a breakneck pace. No better example than Waymo's Early Rider Program in four suburban Phoenix cities. Waymo has been testing the service with safety drivers over the past year and plan to begin service without safety drivers by the end of this year. "The most important AV announcement yet" is Waymo's plan to put 82,000 such vehicles in place by 2021, and others have similar goals. Truck platooning with 40-foot space between trucks has been also been tested since last year, and platooning of all AV's on freeways is the next step – coming in the early 2020's. But the most fascinating trend of all is the advent of flying taxis, which Uber Elevate plans to have commercially available in Los Angeles and Dallas in 2021.

Stay tuned!

