

FDOT RESOURCES ON CFGIS



To access TransFuture and other available District resources, visit: <http://cfgis.org/FDOT-Resources.aspx>

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Innovate the Future of Transportation



Probabilistic Scenario Planning Tool
for Emerging Technologies and Societal Trends



Florida Department of Transportation - District Five
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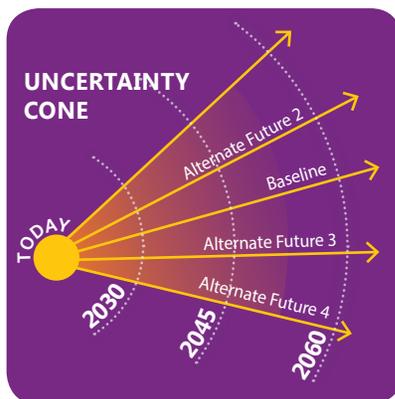
WHAT IS TRANSFUTURE?



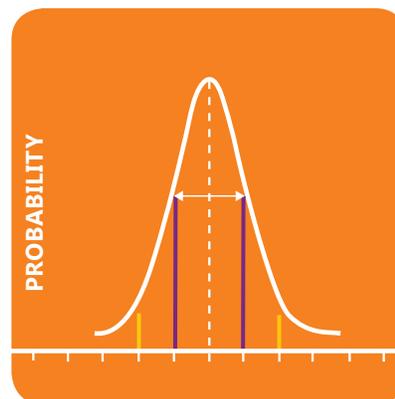
We are at the verge of a paradigm shift. Emerging technologies and societal trends will change the world as we know it today. Autonomous and connected vehicles can alone increase roadway capacity by five fold and reduce accidents by 90%. Workforce automation may potentially eliminate jobs and revolutionize the labor force. Telework, telepresence, distance learning, distance medicines and e-commerce are becoming more common, which will impact travel patterns in the future. The economy is evolving from ownership to a shared model as the society is getting accustomed to collaborative consumption.

Given the amount of unknowns, today's planning tools are falling short of answering policy question of tomorrow from the decision makers. At this juncture, TransFuture allows you to explore multiple futures in the planning process by anticipating the unknowns and by supplementing the traditional deterministic tools with a probabilistic analysis framework. It is a next generation scenario planning tool that considers a broader range of possibilities in the planning process, explicitly accounts for uncertainties to generate a probable range of outcomes, introduces flexibility in facility design, and helps future-proof transportation investments.

IMAGINE ALL FUTURES



UNDERSTAND ALL UNCERTAINTIES



REPORT SCENARIO PERFORMANCE



MAKE INFORMED DECISIONS

