

The Generational Challenge



By 2050, 16 billion Passenger Trips

~ 4x today

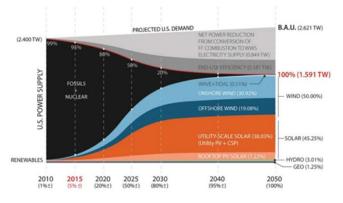
By 2050, 50% less Carbon Emissions More Efficient Aircraft

More Efficient Operations

Low Carbon Energy



Convergence and Disruption



Energy Systems



Machine Intelligence and Robotics



Data Analytics & Decision Making





Coordinated UAS Operations Across the 6 FAA UAS Test Sites with the NASA UTM Research Platform NASA



Mobility to Connect the World's Cities



