OVERVIEW

Inputs from this form will be used in an icebreaker exercise as part of the upcoming workshop. Responses will be presented in aggregate only and used to support a facilitated discussion to orient participant thinking toward the future.

QUESTIONS

1. **Space Travel**: By 2030, the United States...
   - will not have returned to the moon
   - will have successfully returned to the moon
   - will have successfully sent individuals to Mars
   - will have successfully sent individuals beyond Mars

2. **Hyperloop Technology**: By 2030, fully operational hyperloops for public transportation...
   - won’t exist anywhere in the world
   - exist in other countries, but not in the U.S.
   - exist in the US, but in small numbers (e.g., < 5)
   - exist in the US, with most promising hyperloop corridors in operation
   - exist extensively throughout the US, creating a near or complete nationwide network for transportation

3. **Zero Hunger**: By 2030, food insecurity...
   - won’t exist nearly everywhere around the world
   - won’t exist nearly everywhere in the U.S., but will continue elsewhere
   - will be significantly reduced in the U.S. relative to 2021
   - will have experienced little or no positive change in the US versus 2021
   - will increase in the U.S. relative to 2021

4. **Autonomous Vehicles**: By 2030, autonomous vehicles...
   - will not be prevalent in the U.S.
   - will be prevalent in select industries, but not widely adopted
   - will be prevalent, but remain connected to traditional vehicle designs and require a driver in the loop
   - will be prevalent, not require human oversight, and will have led to design changes and/or shifts in how society sees individual car ownership

5. **Catastrophic Incidents**: By 2030, the U.S. will have experienced...
   - no additional catastrophes
   - a catastrophic incident
   - two catastrophic incidents
   - three or more catastrophic incidents
6. **Fusion**: By 2030, commercially viable fusion reactors...
   - remain unrealized because of technical hurdles
   - remain unrealized, but prototypes have proven their viability
   - remain unrealized, but construction of commercial-scale reactors has already begun
   - have been realized, but only in limited numbers
   - have been realized extensively

7. **Virtual Reality**: By 2030, virtual reality...
   - will be limited to a novelty or entertainment function
   - will be used as a tool in specific applications (e.g., training)
   - will have permeated more broadly to society, but still largely for early tech adopters and younger individuals
   - will be pervasive, with most of society spending some time in virtual worlds and environments
   - will be pervasive, with most of society spending more time in virtual worlds than the real world

8. **Medical Breakthroughs**: By 2030, how many of the following medical breakthroughs will be a reality in the U.S.?
   - Genome editing has eliminated numerous hereditary diseases
   - 3D printed kidneys have eliminated the transplant waiting list
   - Nanorobots and nano-biosensors in your body
   - Bionics/prosthetics restore and enhance natural motion and sensory perception
   - At least one
   - At least two
   - At least three
   - All four
   - None