

## SHARK TANK Session 352

### Four topics

- Is China the Future of AVs?
  - China has an ambitious plan to deploy a national AV network
  - They plan to spend about \$1.5 trillion – about the same as for high-speed rail network
    - Central government has committed funding
  - Target dates for different phases: 2025, 2035, and 2050
    - Different levels of sensor intensity – 50 percent at low level
  - All auto firms will use the infrastructure system to support AV (level 3 in most cases)
    - All auto firms are on board
  - Infrastructure system will include up to 11 sensors
  - Different model than US and Europe – what can we learn from this approach?
- Have AVs missed markets beyond robo-taxis and over the road trucks?
  - Google/Waymo not that far off from plans – press may not see it this way
  - There are a lot of attractive markets for smaller firms – mines, ag, ports, etc.
  - Intercity trucks are further behind
- Do AVs require a friendly state or city to deploy?
  - States are necessary
    - Some states are friendlier than others
  - Cities are secondary
  - Federal legislation could help, but not required
- Will AVs increase energy use?
  - Depends on the degree of shared rides
  - Sharks were skeptical that this market would be a strong one