



**THE PROBLEM**

- Today there is a genuine lack of energy efficient, convenient, safe, and timely urban public transportation which results in people choosing traditional polluting, non-renewable modes.
- People often feel unsafe when traveling and frequently experience significant delays in getting to their intended destinations.
- The environment is negatively affected from the use of fossil fuel-based transportation systems and ever-increasing levels of CO<sub>2</sub> emissions. Despite knowing the impacts that cars are having, people continue to use unprecedented levels of ride share services, taxis, and buses to navigate dense urban environments.
- Of equal importance is heightened personal exposure to Covid-19 from crowded trains and buses and the large queues awaiting their arrival.

**THE SOLUTION**

- Small, private driverless vehicles traveling along elevated guideways and using solar power for their movement offer a solution that addresses these problems.
- Concern over the use of fossil fuels and greenhouse gases, automobile fatalities, and lack of affordable public transit has heightened demand for such a solution.
- The price and efficiency of solar power is now ready for use at this scale and all other enabling technologies are already well-established.
- STSC’s solar-powered e-Mobility urban transit system is aligned with ecological and social goals as a “green” solution.
- The plan is for economically sustainable systems operating profitably for implementation in a wide range of use cases in diverse currently congested urban locations.

**SYSTEM FEATURES**

- People save significant time lost due to congestion; vehicles travel unencumbered on an elevated guideway
- On-demand, origin-to-destination travel dramatically reduces the potential for contagious disease infection from crowded trains and buses and the large queues awaiting their arrival
- People are safe and secure in their own personal vehicle, free from anxiety about strangers in public spaces
- Small station size allows for stations every ¼ mile, providing convenient access 24/7
- Highly energy efficient, providing travel at \$ 0.02 per mile (~ 125 MPGe)
- Solar panels provide all power for transportation without using fossil fuels
- Low operating costs and high efficiency result in operating at a profit; no subsidies
- Easily integrates with existing modalities allowing expansion of ridership in other existing modes

**FOUNDING TEAM:**

**John Mardirosian** | Program Director. John has extensive experience managing large-scale transit, government and commercial programs

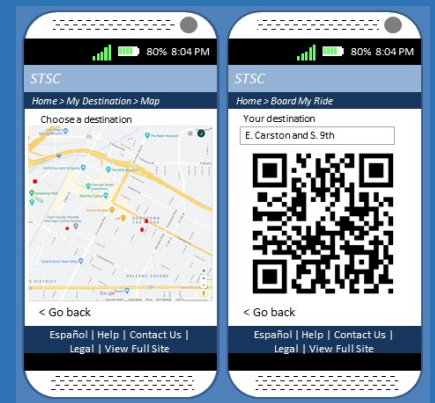
**Nick Garzilli** | Business Development | Nick has a track record of identifying transit needs and solutions

**Mike Teske** | Design and Safety. Mike has designed, certified, made operational, and managed over 100 theme park rides for locations such as Disney, Universal Studios, Dollywood, EPCOT, and others.

**Endeavor Capital Management** | Team of operating and investing company leaders

**EASY TO USE**

- Just pick a destination with your Mobile App
- Walk up to an empty vehicle and show the QR code to let the system know where travelers want to go



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