



SPARTAN
SUPERWAY

AUTOMATED TRANSIT NETWORKS

INTRODUCTION

Current transportation modes, especially the automobile, are rapidly becoming unsustainable. Increases in population result in traffic and unacceptable commute times which magnify the negative environmental effects caused by the inefficient combustion of fossil fuels.

Due to climate change and finite oil supply, the current paradigm is not sustainable. Incremental changes will not get us where we need to go. A drastic change is needed in how we approach transportation.

An enticing alternative must be available to get people out of their oil-consuming, combustion engine vehicles, and we envision a better future.

THE SUPERWAY PROJECT CONCEPT

1 CONTROL SYSTEM

wirelessly directs cars equipped with on-board sensors for object detection, acceleration, velocity, and position

2 GUIDE-WAY & BOGIE SWITCH

switching is implemented in the drive train of individual pod cars to facilitate frequent directional changes

3 THE CABIN

suspended from the guide-way, the cabin can travel over 50 mph

4 FARE-BOX MOBILE PHONE app

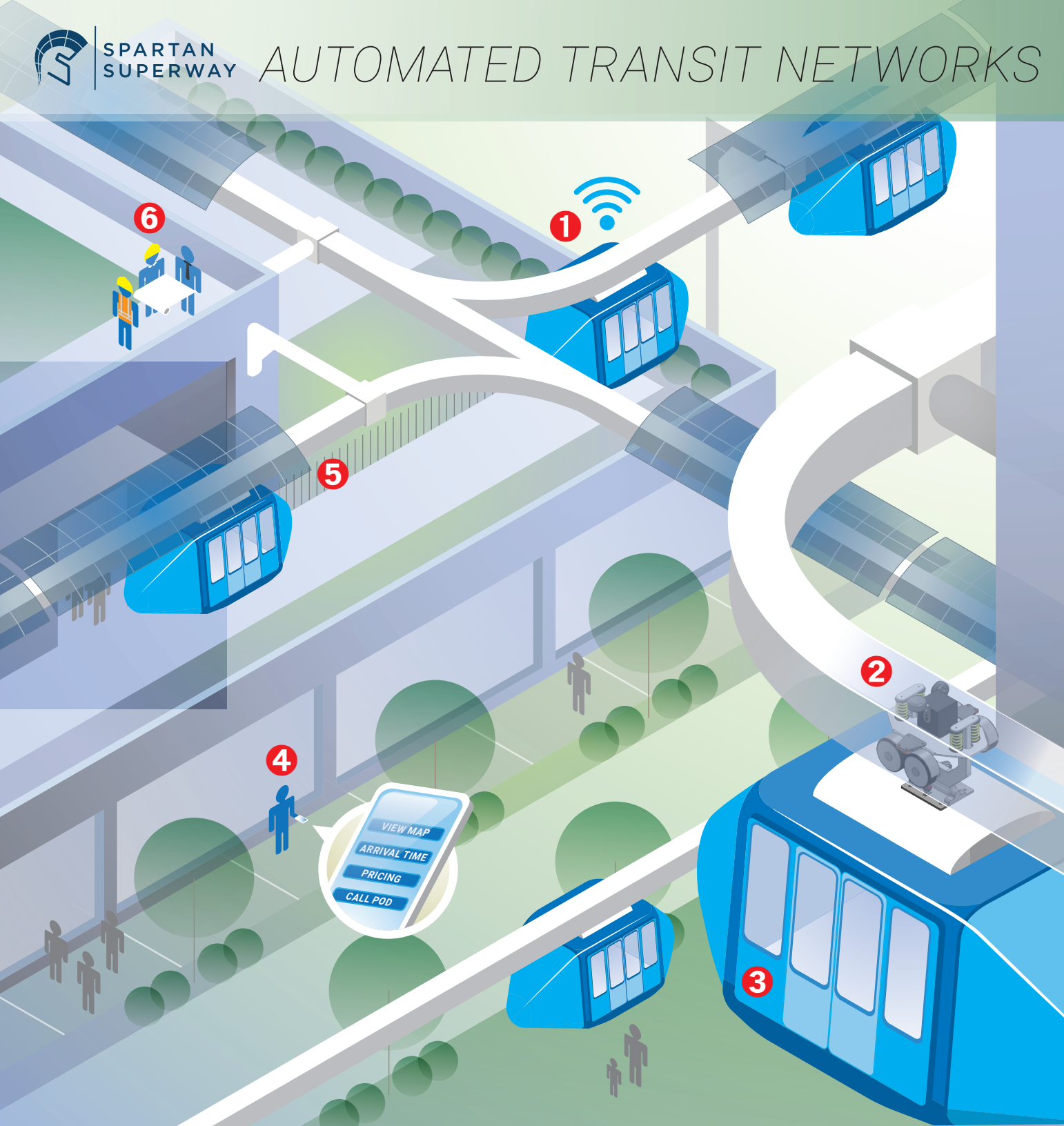
enables instant scheduling, navigation and ticketing through your own phone

5 SOLAR POWER

photovoltaic panels designed as the primary system power source

6 COLLABORATION

private and public sectors have vested interest and economic analyses are underway to assess revenue potential



SPARTAN SUPERWAY DESIGN TEAM



We are a multi-disciplinary team of student engineers, designers, and urban planners at San José State University re-imagining the way you get to work! Our big idea would revolutionize transportation and we want to share it with the world, but we need your donations to make it a reality!

Please scan the QR code or visit us online:
www.gofundme.com/spartansuperway & www.superway.us



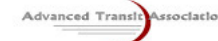
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