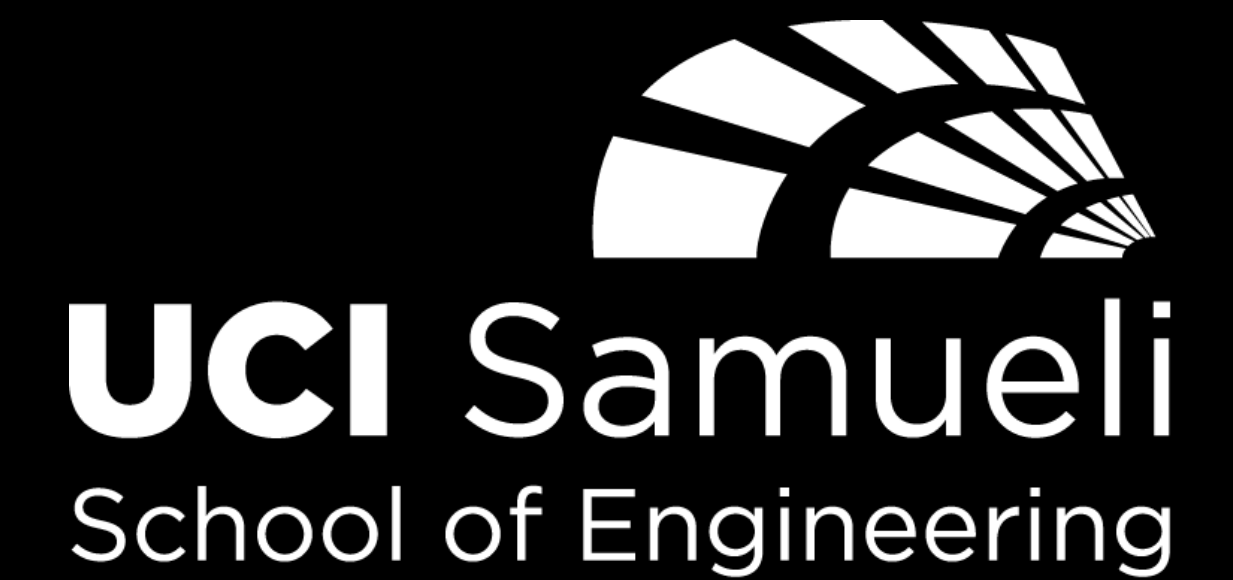




# HYPERXITE

## Future of Sustainable and Affordable Transportation



### BACKGROUND

Established in 2015, HyperXite is a team of undergraduate students endeavoring to build a Hyperloop pod.

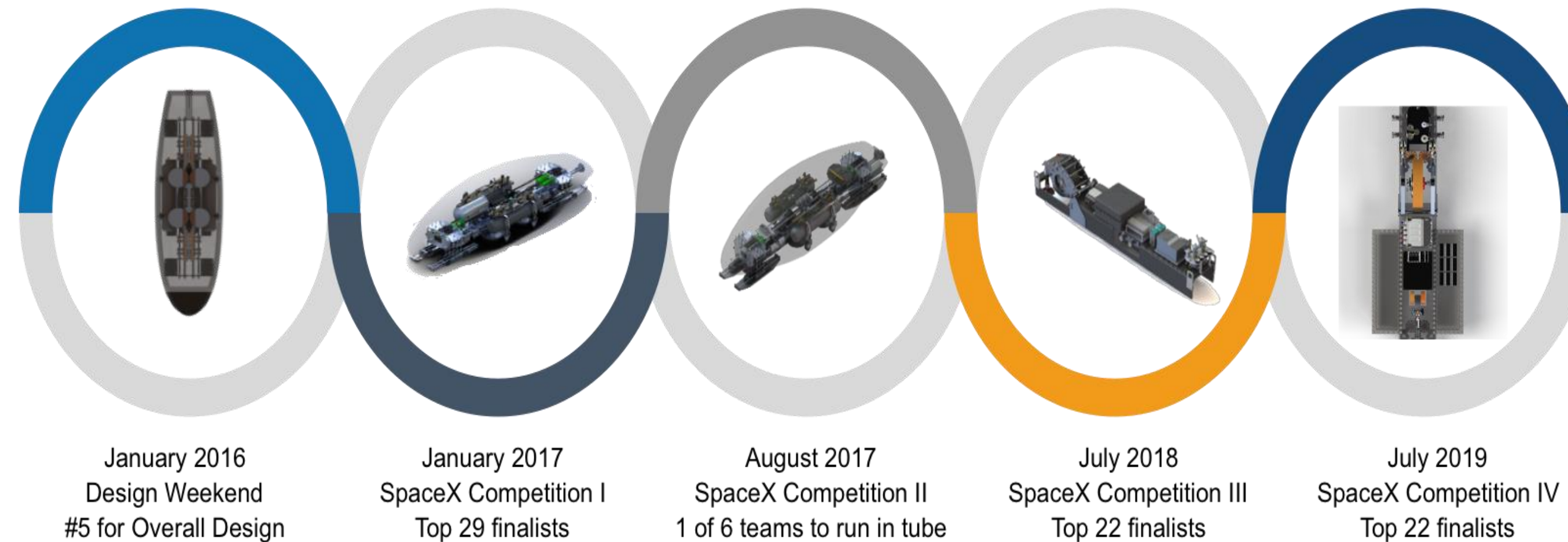
### GOAL

HyperXite's goal is to research, design, build and validate a scalable self-propelled pod to demonstrate the feasibility of Hyperloop design concepts at a high-pace of innovation.

### OBJECTIVES

- Real time pod-behavior monitoring.
- Pod-state data logging for comparison against models.
- Complete a safe pod run on test track.

## OUR ACHIEVEMENTS



Propulsion Assembly

Braking Assembly

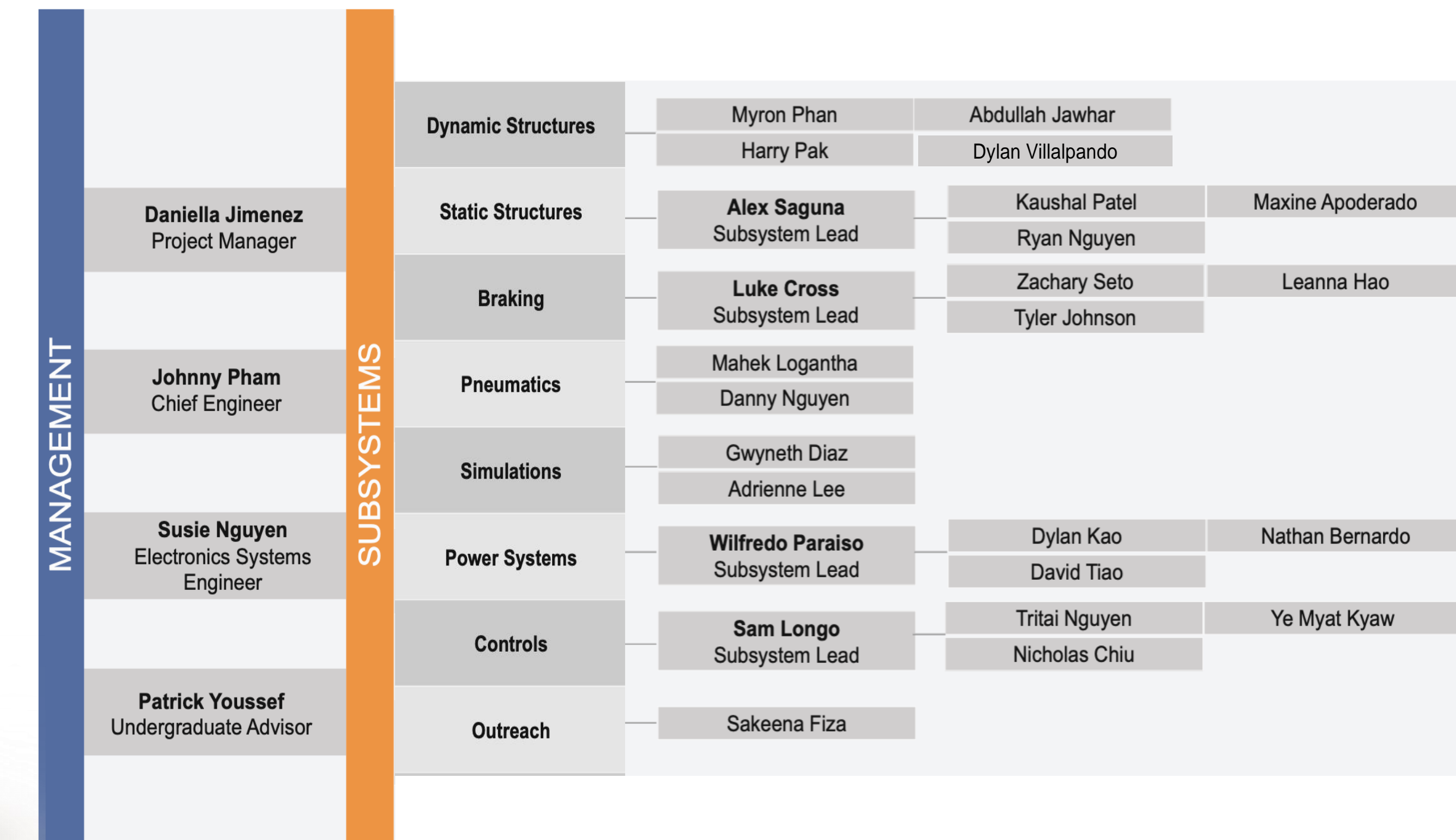
Topside Stabilization

Lateral Stabilization

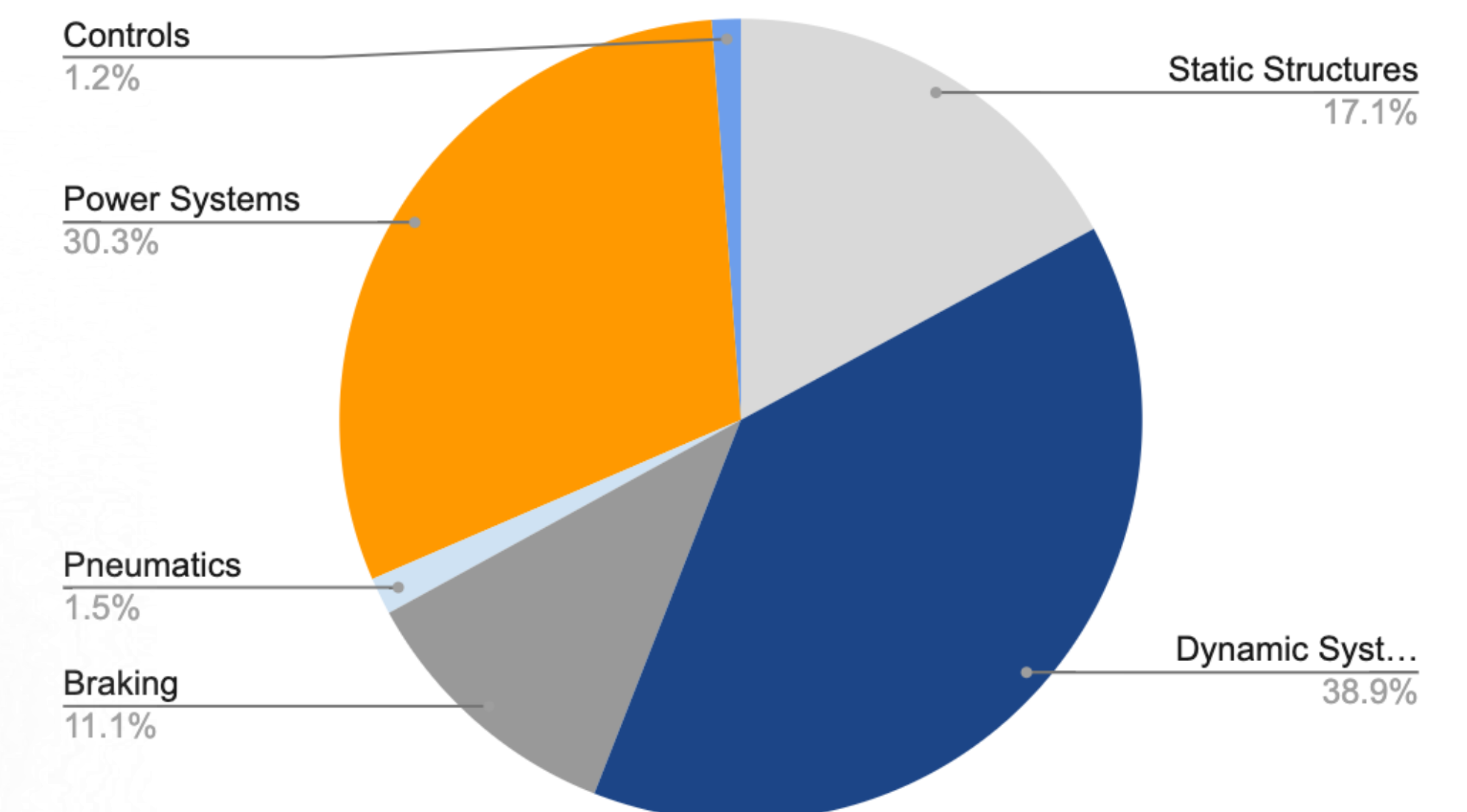
Chassis

Underside Stabilization

## TEAM ORGANIZATION



## TOTAL POD COST



## ADVISORS

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<http://hyperxite.com>

## TIMELINE

Pod Generation 1 CAD	January 4, 2020
Simulations Completed	January 17, 2020
Pod Generation 2 CAD	January 24, 2020
Procurement and Manufacturing	February 14, 2020
Pod Assembly	February 28, 2020
Functional Testing	March 13, 2020
Testing Ramp-up	April 24, 2020
Design and Manufacturing Updates	May 15, 2020
Final Pod Report	May 22, 2020
Final Testing	June 5, 2020