



swissloop

A New Journey in Transportation

Train

- Very convenient
- Low frequency
- Crowded

Car

- High flexibility
- High chance of congestion
- Expensive to maintain

Airplane

- Fast once in air
- High degree of preparation needed
- Lots of time lost before flight



Quicker

Cost less

Safe

Train

- Fairly convenient
- Low frequency
- Crowded during rush hour

Car

- High flexibility
- High chance of congestion
- Expensive to maintain

Airplane

- Fast once in air
- High degree of preparation needed
- Lots of time lost before flight

Hyperloop

- Fastest land transportation
- High Frequency
- Good for our planet



SPACEX
HYPERLOOP POD COMPETITION

SpaceX.com/Hyperloop



Sep 16

Team is formed at ETH Zurich and quickly grows to over 50 members



Dec 16

Our Preliminary Design Briefing is accepted by SpaceX



Feb 17

Multiple issues prevent the design from being finished - SpaceX rejects our Final Design Briefing



Apr 17

Incredible team effort revamps the whole system in less than 4 weeks - team is officially invited as exhibitor



Jul 17

Swissloop finishes building the first Swiss Hyperloop Prototype

Yesterday at 23:34

HM

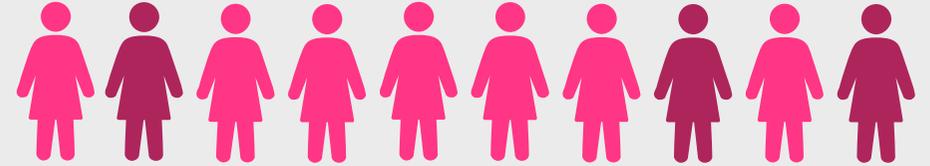
[Details](#)

Labanowski, Lilian Haney & 3 more

we would like to invite you to formally compete.

Break a Pod!





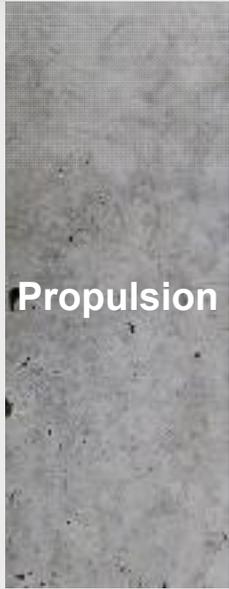
50 actively involved team members

80% from ETH Zurich

25% female percentage

all without credits, all without salary







Vacuum

1.25 km

2nd largest worldwide

SpaceX, Hawthorne

Partial vacuum

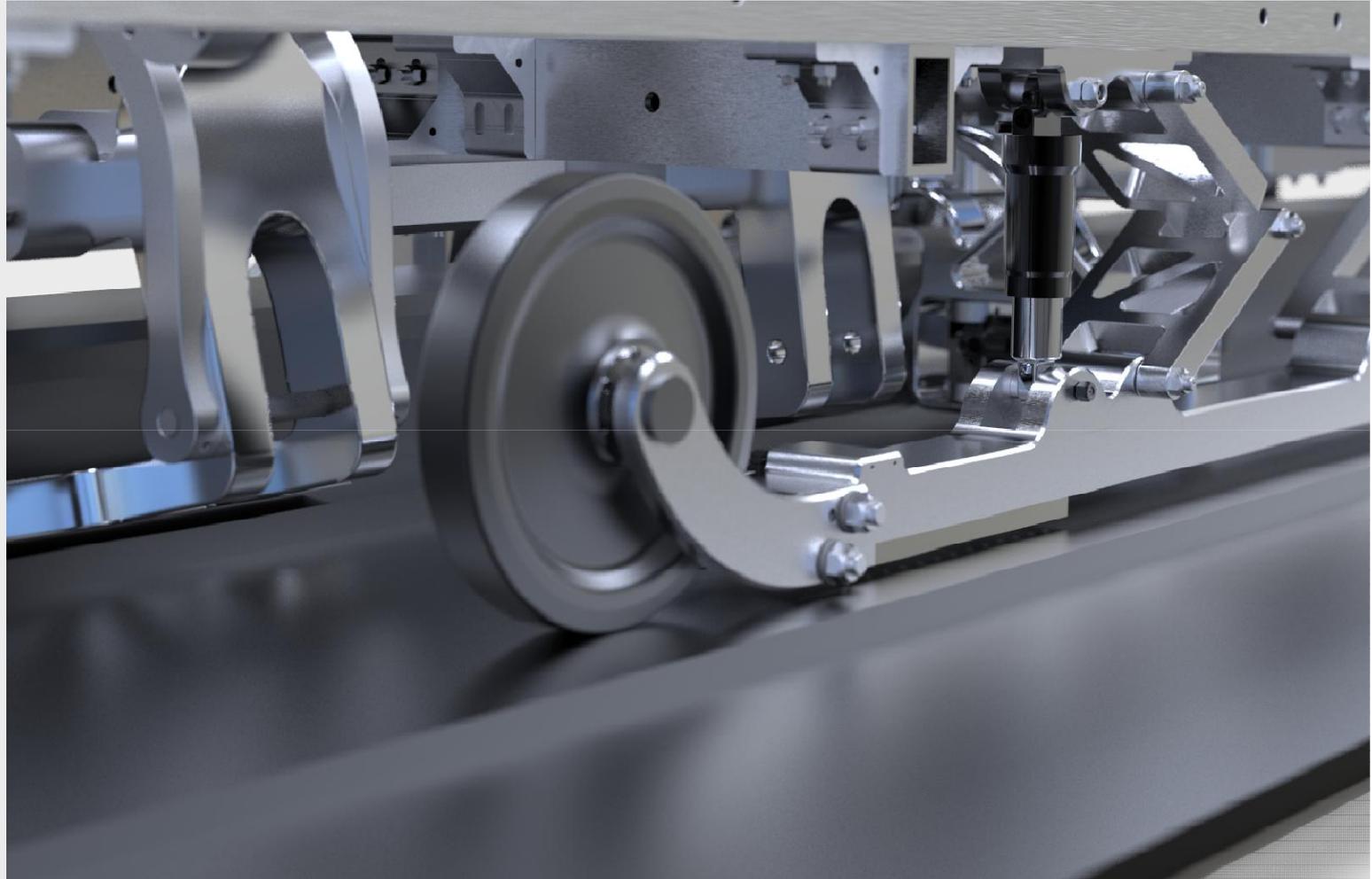
Hovering

4 Hovering Modules

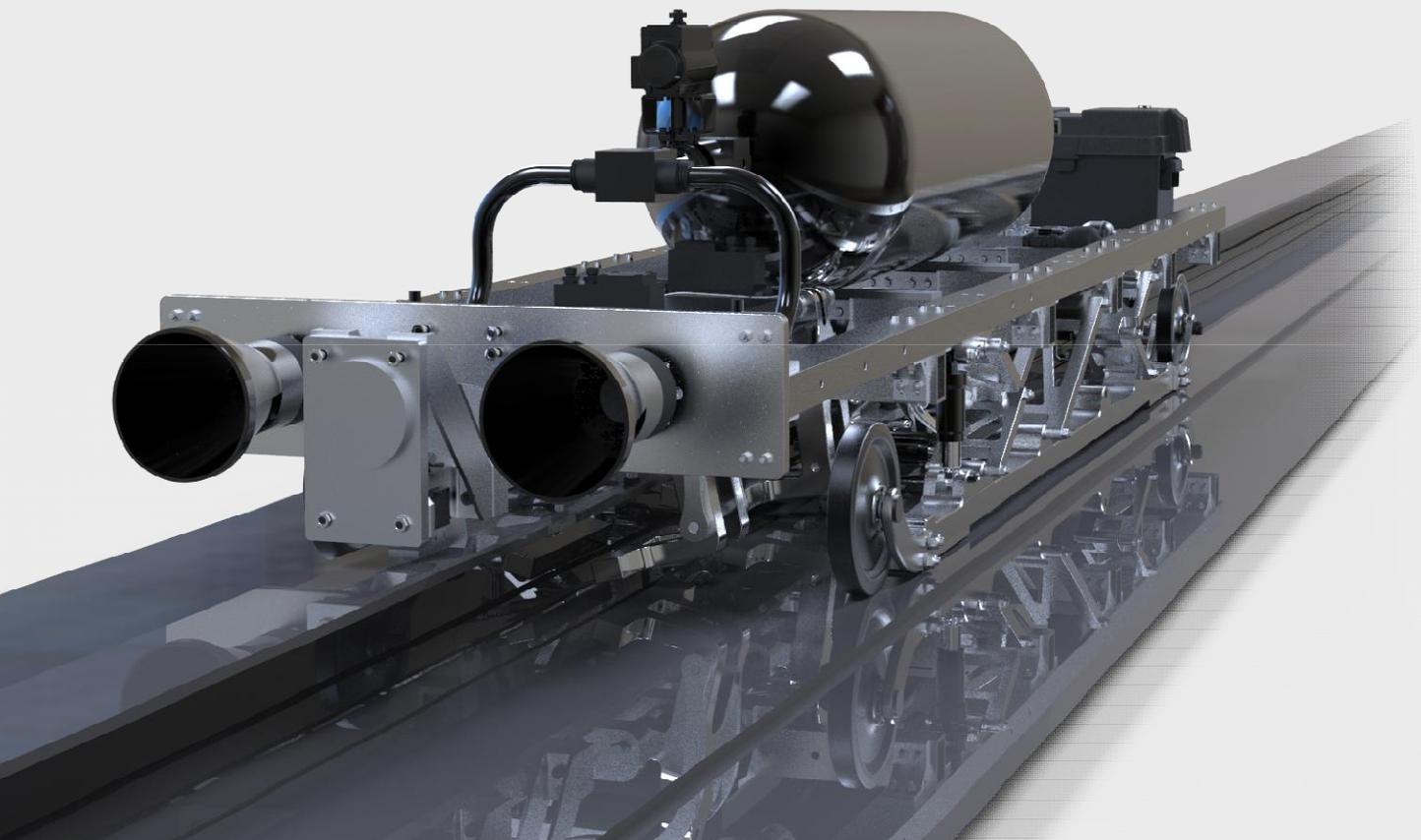
Hovering after 40 km/h

No energy used

Zero emissions



Propulsion



Compressed Air

150 bar

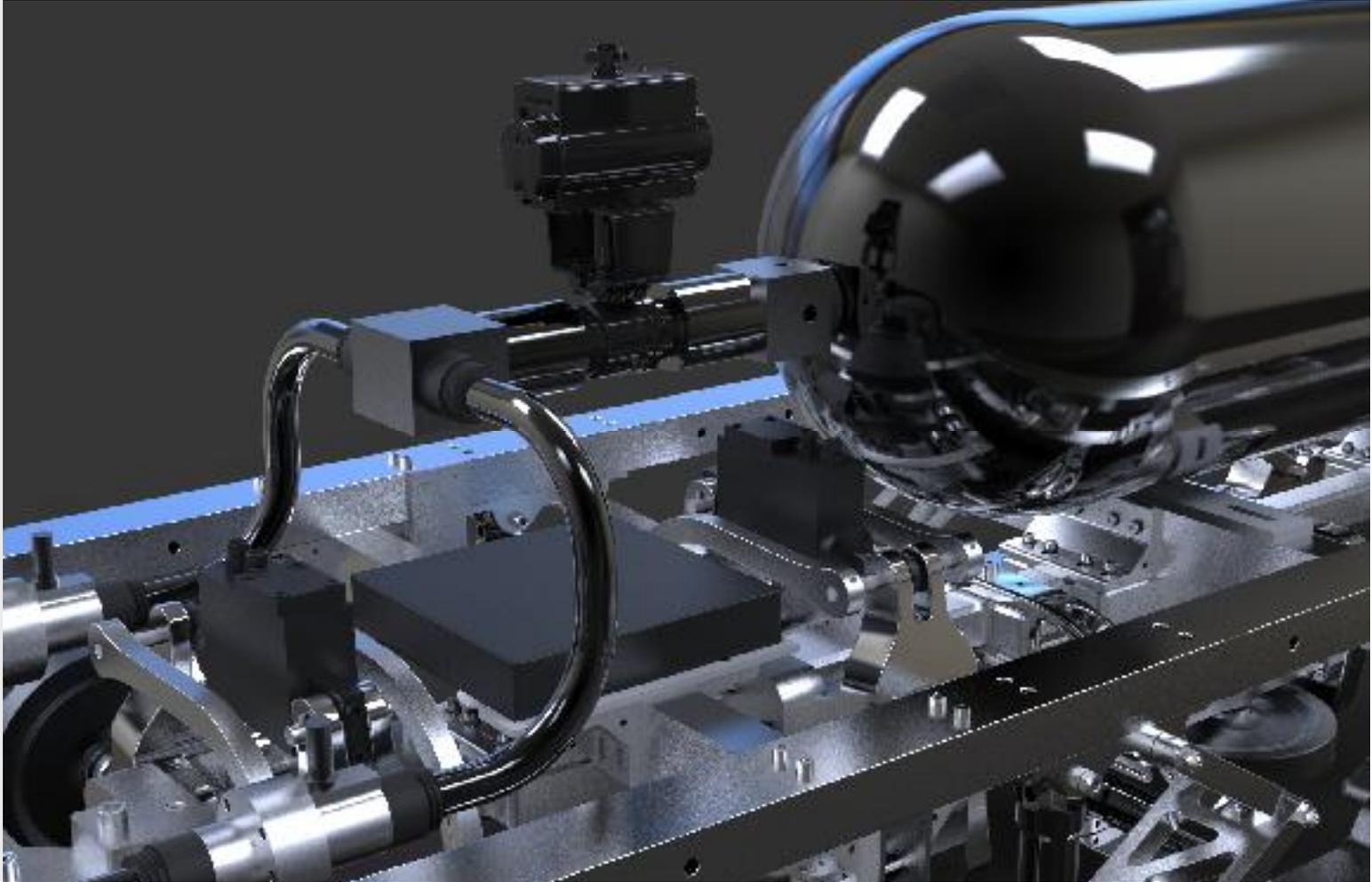
Zero emissions

Propulsion

Carbon tank

up to 400 km/h

Fail-safe





Hyperloop Competition 3

ETH Focus Team

Completely New Design

Goal of Winning

Due Date	Name
9/5/2017	2018 Hyperloop Pod Competition Announced (this document)
9/29/2017	Intent to Compete Form Due
Fall 2017	Preliminary Design Briefing and Competitor Entry Agreement Due
Fall 2017	SpaceX announces teams that have advanced
Fall 2017	Final Design Package Due
Winter 2018	Final Design Presentations via Skype
Winter 2018	SpaceX announces teams that have advanced
Spring 2018	Safety Briefing Due
Summer 2018	SpaceX Hyperloop Pod Competition Testing Week
Summer 2018	2018 SpaceX Hyperloop Pod Competition



+GF+

