



Swift Rails is a new type of on-demand transit that is 5x faster and 40x cheaper than conventional light-rail.

[Please click here to view our 55 second video](#)

Cautionary Notes

Forward-looking Statement Disclaimer

This presentation contains “forward-looking statements” within the meaning of the term set forth in the Private Securities Litigation Reform Act of 1995. The forward-looking statements include statements or expectations regarding management’s ability to position the Company to fulfill its significant potential for future growth and profitability, the Company’s ability to successfully complete the demonstration project at Clarkson University, the Company’s ability to implement its technology in full-scale applications, the Company’s ability to fund its operations, the Company’s expansion to other projects, the Company’s ability to foster and develop relationship with entities in the transportation space, expectations relating to the Company’s performance and effectiveness of its leadership teams expected to work in transportation markets, ability to compete well in transportation markets, and other related matters. These statements reflect the Company’s current views of future events and financial performance and are subject to a number of risks and uncertainties, including its ability to raise enough capital to fund its operations and complete the development of its technology, ability to implement strategic initiatives and business plans. Actual results, performance or achievements may differ materially from those expressed or implied in the forward-looking statements. Additional risks and uncertainties that could cause or contribute to such material differences include, but are not limited to, decreased economic activity relating to Covid-19, the loss of pending or future bids for new business, termination of vendor or partner relationships, cost increases and project cost overruns, unforeseen schedule delays, poor performance by its subcontractors, cancellation of projects, competition, failure to attract and retain highly-qualified personnel, changes in the economic and social and political conditions in the United States.

Other important factors that may cause actual results to differ materially from those expressed in the forward-looking statements are discussed in the Company’s filing with the SEC. Any forward-looking statement speaks only as of the date of this presentation. Except as may be required by applicable law, the Company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, and you are cautioned not to rely upon them unduly.

Traffic & Pollution Keep Getting Worse

Traffic sucks

- 8.8 billion hours (1 million years!) wasted annually in the U.S. alone
- Then you have to find a place to park

It's dangerous

- #1 cause of death of 5 to 29-year olds

Largest single source of carbon

- 5.8 gigatons annually

Number of vehicles is doubling every 20 years

- Running out of space for roads and parking

Transit should be the solution, but it's not working

- Prohibitively expensive, decade long projects
- Slow, inconvenient and uncomfortable



A Better Way to Travel – 1,2,4 at a Time!

40 Times Cheaper

Compared to conventional transit

5 Times Faster

On-demand, no wait

Comfortable

Private vehicle, first class seat

Exceptionally Efficient

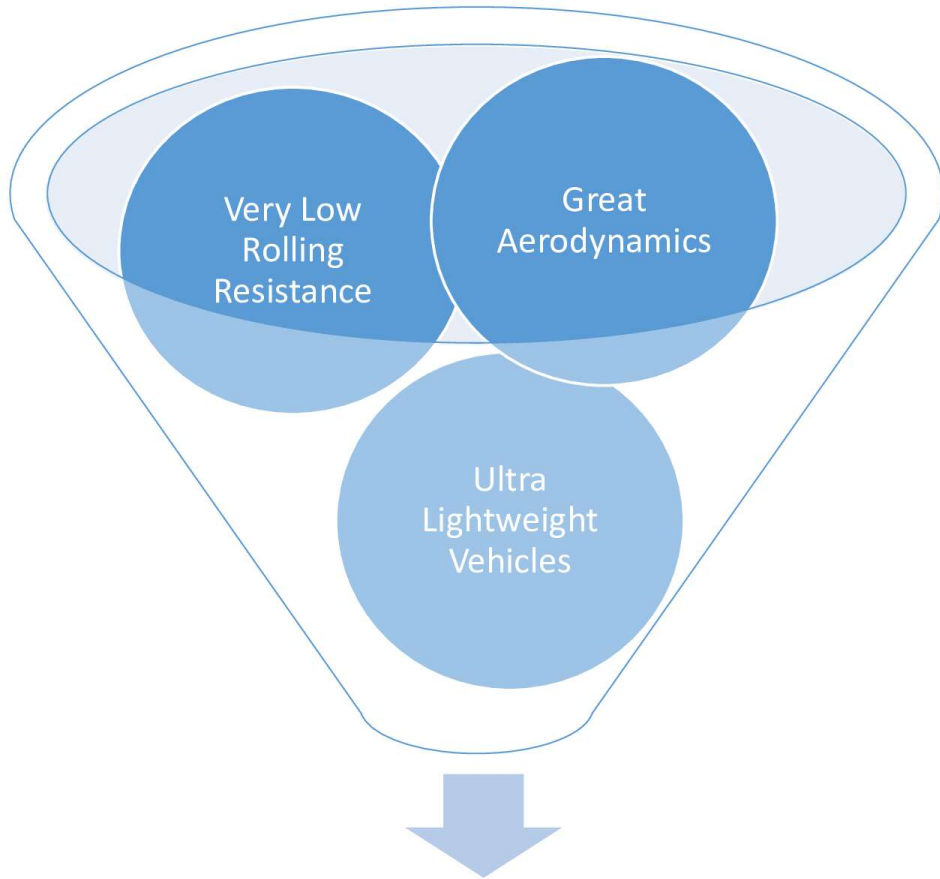
500mpg equivalent, zero emissions



Elevated Ultra-Light Rail

Small footprint, 12-15 feet above traffic and everything else

Superior Design



Very low rolling resistance

- Hard polyurethane wheels rolling on tubular steel track
- Vehicle and passengers can be pushed with one finger!

Great aerodynamics

- Low drag coefficient and small frontal cross-sectional area

Ultra lightweight vehicles

- 8x lighter than average car
- 134x lighter than average light rail car

Extremely energy efficient vehicles

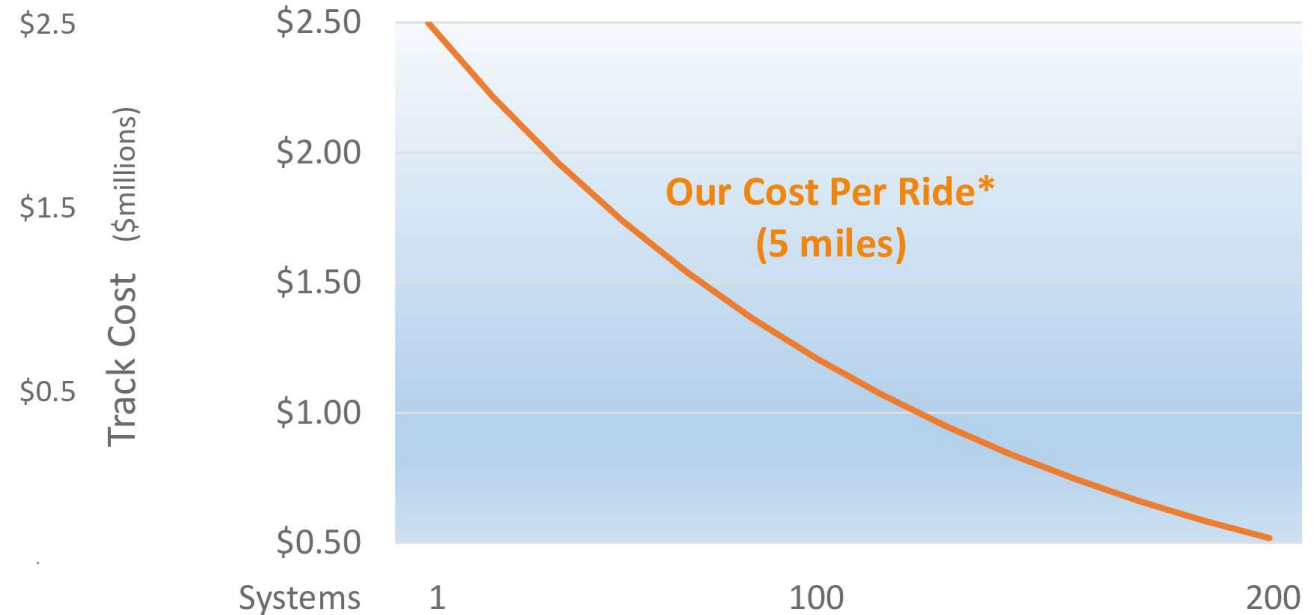
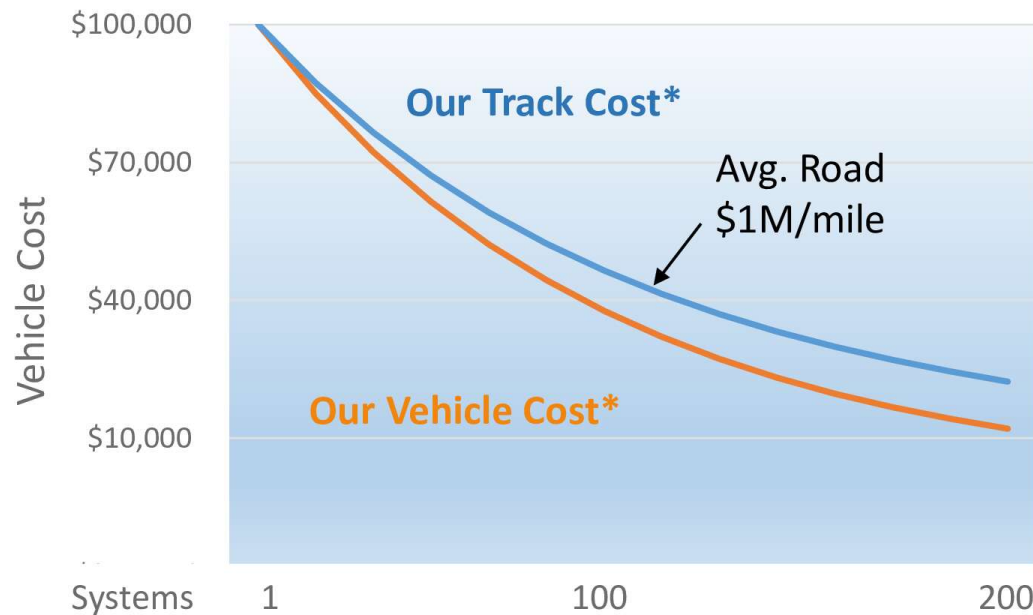
- 100 mph speed possible at 5hp
- Faster acceleration for the energy expended
- Light weight (lowest-cost) elevated rail

Profitable at Low Volumes, *Awesome at Scale*

Swift Rails is lower cost than transit from day one

Soon we expect to be cheaper than roads

At scale we expect to be the lowest cost and best transportation for the average trip



*Projections are not guaranteed

Positioned to Win in a Massive Untapped Market

Due to prohibitive cost, less than 5% of suitable cities have transit systems

Potential Global Market: 4,200 cities

Potential *Annual Recurring Fare Revenue**:
\$154 billion

Global passenger miles = 24 trillion

Annual passenger trips = 5 trillion

Mode	Estimated Operator Cost for 5-mile Ride
<i>Swift Rails</i>	\$0.50 (at scale)
Cars	\$3.00 (road costs not included)
Light-rail / Bus	\$6.00 (includes 70% fare subsidy)
Uber	\$7.70 (road costs not included)
Air Taxis	\$15.00

Track to Commercialization

1. Start simply with Clarkson University*
2. Expand with easy-to-build high value applications
3. Larger, and adjacent, sales and installs become easier with volume
4. Organic growth accelerates as network spreads

Clarkson University

Potsdam, NY*

Private land
Early adopters
Engineering leader

1

Potsdam, NY*

Connect town to
local universities

1

Niagara Falls, NY*

Great building site
Solves traffic problems
International exposure

2

Add-on Lines

Connect other towns,
businesses, attractions

3

Small U.S. Cities

Provided much needed
transit

3

Large U.S. Cities

Connect to existing
transit infrastructure

4


Global
Cities & Countries



*Projects we believe are likely to happen, but there is no guarantee

SWIFT Rails vs. Other Transportation

Legend: red (worst), orange (in between), green (best)

CRITERION	 SWIFT Rails	OTHER PRT ¹	LIGHT RAIL / BUS ²	CAR / LIGHT TRUCK ³	SELF-DRIVING TAXIS	AIR TAXIS	UBER
Cost to rider (per 16-mile trip – average commute each way)	\$4	\$6	\$7	\$10	\$10	\$30	\$35
Convenience (on-demand with no / minimal wait time)	Green	Green	Orange	Green	Green	Green	Green
Journey time (rush hour or bad weather)	Green	Green	Orange	Red	Red	Green	Red
Passenger throughput (during peak periods)	Green	Green	Orange	Red	Red	Orange	Red
Climate impact (GHG emissions, energy efficiency)	Green	Green	Orange	Red	Green	Green	Red
Privacy & comfort (no strangers, crowding, hard seating)	Green	Orange	Red	Green	Green	Orange	Orange
Resilience (pandemic, extreme snow, flooding)	Green	Orange	Red	Red	Red	Green	Red
Safety (human and animal deaths and injuries)	Green	Green	Orange	Red	Red	Green	Red

1. Personal Rapid Transit
2. Light-rail / Bus is subsidized 65-70% by federal and state government / tax-payers
3. Does not include cost road construction and maintenance

Seasoned Executive Team



Chief Executive Officer– Kevin Neumaier, PE

Previously CEO of a \$169M publicly traded global environmental and engineering consulting company
Led 1,600 global employees with projects in over 100 countries to record-setting revenue and profitability
Designed a ride-sharing program that was sold to 42 U.S. transit agencies and MPOs



Chief Design Officer – James Enright

Quick taking theories to design physical products, excellent manufacturing knowledge
Wide range of vehicle systems experience, including electric and hydraulics



Chief Operating Officer – Tony Gale, MBA, PMP, ITIL

Experienced in all aspects of transportation hardware, software and SaaS for Transit
Successfully scaled a ride-sharing startup offering services to over 10 million people



Chief Financial Officer – Daryl Anderson, CFA

Experienced with complex financial structures and financial risk management
Former investor relations and business advisor to multiple publicly traded firms



Chief Safety Officer – Mark Cotter, CSP, CIH

Over 30 years of global Environmental, Health and Safety experience
Permitting expert at federal, state and local level

**Globally recognized
sustainability experts**

**Successfully scaled a
transportation start-up**

**Extensive transportation
experience**

**Experience doing business in
over 100 countries**

**Successfully led large
global enterprise**

Milestones and Funding

**We are seeking funding to prove our engineering at scale
and accelerate business development**

Targeted Outcomes	6 months	12 months	18 months	24 months
Further develop switch mechanisms				
Build out and test control software				
Prove at scale at Clarkson University				
Continue developing proposed public routes				
Expand sales pipeline				
Expand U.S. and global patent portfolio				
Position for rapid expansion				



Supplemental Information

Progress to Date

Built test track and full-scale vehicle prototype – 1,000+ rider touch tests

Surveyed riders' willingness to use /pay and received a hugely positive response

Secured Letter of Support from the President of Clarkson University to build our Showcase Demonstration Project on their campus

Regional MPO and key stakeholder support for Niagara Falls, NY project

Developed partnerships that deeply enhance key capabilities:



Development Partner



Motors, Technology and Support



Showcase Project Partner

Contact Info & References

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Swift Rails' Impact Statement: [World Changing Impact by rethinking transportation](#)

Slide	Reference
2	https://static.tti.tamu.edu/tti.tamu.edu/documents/mobility-report-2019.pdf https://wardsintelligence.informa.com/WI058630/World-Vehicle-Population-Rose-46-in-2016 2017 EPA numbers https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions U.S. Department of Transportation, 2012 IEA 2016
6	https://www.eia.gov/todayinenergy/detail.php?id=26192 http://documents.worldbank.org/curated/en/594771468024850796/pdf/557730WP0P11791June020091EN105jan10.pdf Potential revenue assumes 4,000 small cities wth 30 3-mile lines per city, 42,000 boardings per weekday, and 200 large cities with 45 4-mile lines per city, 108,000 boardings per weekday, \$3.00/ride, 270 days/year
8	https://exchange.aaa.com/wp-content/uploads/2019/09/AAA-Your-Driving-Costs-2019.pdf https://www.newgeography.com/content/006415-transport-costs-subsidies-mode https://techcrunch.com/2018/05/08/heres-how-much-ubers-flying-taxi-service-will-cost/ https://www.cnbc.com/2019/06/13/lilium-five-seater-electric-air-taxi-how-much-does-a-ride-cost.html