



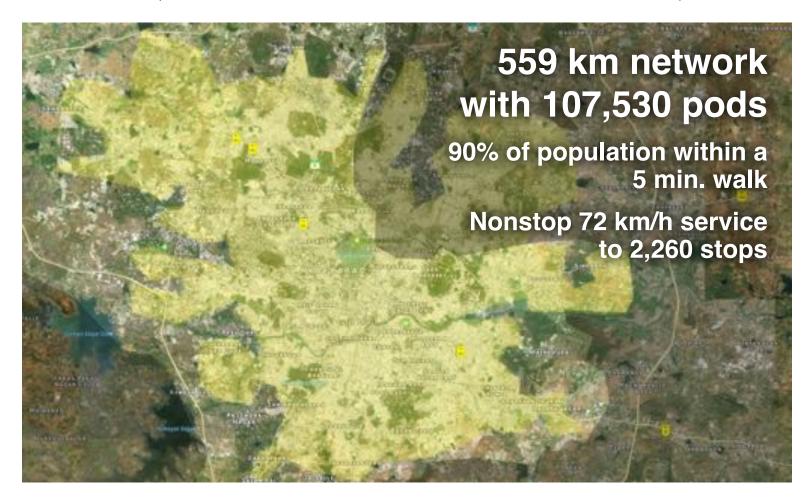
Transit X presents a preliminary proposal for a sustainable micro-rail network — a fleet of automated electric vehicles (pods) for passengers and freight on a local and regional podway providing equitable public transportation for

Hyderabad, Telangana, India

This proposal is downloadable at transitx.com/proposals/Transit X for Hyderabad, Telangana, India.pdf

High capacity • High speed • Nonstop • 24/7 Solar powered • Zero Wait • Door-to-door • Resilient

A companion Transit X Handbook is available at transitxhandbook.pdf



Proposal Overview



Transit X proposes to finance, build and operate a sustainable microrail podway to carry passengers and freight for Hyderabad that makes the Transit X service convenient to 90% of the population.

Transit X efficiently services both suburbs and cities and provides for a higher quality of life. See transitx.com for more details. This 3-minute video (transitx.com/video) describes our innovative solution.

Major benefits

- Reduce congestion
- · Provide parking relief
- · Reduce pollution
- Improve safety

The Transit X Handbook (<u>transitx.com/</u> <u>transitxhandbook.pdf</u>) answers many questions about our service, the company, our technology, and the way we address: congestion, parking, road safety, pedestrian safety, ADA compliance, sustainability, fares,



solar+storage, construction, aesthetics, operations, economic development, quality of service, security, station footprint, equitability, carbon footprint, transit integration, resiliency, reliability, rights-of-way, and open space.

Congestion, parking, pollution, and safety

Most regions suffer from traffic congestion, limited parking, air pollution, and unsafe roads. Potential solutions are costly, but Transit X can solve these challenges without public funding. Transit X can integrate into the built environment, providing both short term relief and a long term solution.

High Capacity & High Speed

A single track carries 12,000 pods per hour (20,000 to 50,000 passengers per hour). Two boarding areas fit in a single car space and provide 2,000 boardings per hour. For urban commutes, pods trips are 3 times faster than car trips and the high-speed podway provides faster door-to-door trips than air travel for distances of 1,000 miles or less.

Zero Footprint and Minimal Disruption

Transit X features stops that don't interfere with pedestrians or other forms of transportation. We use easements alongside highway and roads and integrate utility lines and poles Non-stop interchanges fit above existing intersections. Factory-built tracks and posts enable fast installation with minimal disruption. There are options for long crossings using bridges or underground tunnels. Posts are typically spaced at 23 m (25 yds).

Low-cost Infrastructure & equitable fares

Transit X does not require government funding because our revenue from fares, freight, and advertising is greater than our costs. We have reduced or eliminated many costs of transportation including the cost of materials, land, construction, fuel, debt service, and labor. Our projects are typically financed by investment banks, private equity firms, banks, and governments.

Proven technology

Our team and partners have built fully automated systems that are now in operation around the world. Transit X may look unique, but the underlying design is very similar to systems that have been operating for 40 years with an exemplary safety record. The rollout and maiden flight occurred on Oct 29, 2018 in Leominster, Massachusetts. The first Transit X system will be demonstrated by the end of 2019.

Service Quality

Transit X provides on-demand, last-mile service that is superior to cars or buses. An operating agreement will guarantee high levels of availability and reliability. Our use of small vehicles (pods) makes this possible. By reducing car use, Transit X creates walkable and bike-friendly neighborhoods.

Less pollution: Air, Sound, Light, Visual, Water

Transit X offers a much higher quality of life by eliminating many forms of pollution. Pods are quiet, efficient and have zero emissions. Pods offer less visual impact than the existing roads and vehicles, and utility lines can be hidden within the track. At night, there is no light pollution from headlights or taillights. Water pollution from road runoff is significantly reduced. Parking lots and roadways can be converted into green space and community paths as they become unnecessary.

Sustainable and Efficient

Pods weigh only 55 kg (121 lbs) and achieve over 20 times the efficiency of electric cars. Solar, wind, and storage installed on our tracks and posts can provide 100% of the clean energy needed to power the system.

More Transit & Fewer Cars

Transit X provides the convenience and privacy that people value in cars, yet without the negative impacts of personal cars. Transit X combines the best of mass transit and personal transportation modes which will lead to greater use of public transit and fewer cars.

De-risking Projects

Transit X partners with large, established firms to provide fixed-price contracts for the engineering, certification, construction, and operations of a Transit X system. Theses partnerships enable Transit X to de-risk all of the major elements of the project, and provide performance guarantees. We work with local construction firms.

Jobs and Workforce Development

Many regional jobs will be created to build a new transportation infrastructure, as well many new types of jobs will be created from economic growth. The majority of

the construction jobs will be locally sourced and preferential hiring is given to those displaced by the transition.

Revenue Generator for Government

Not only does Transit X not require public financing, but the government and private easement owners receive 4-5% of gross revenue, which would be US\$183 million per year average over the first 10 years.

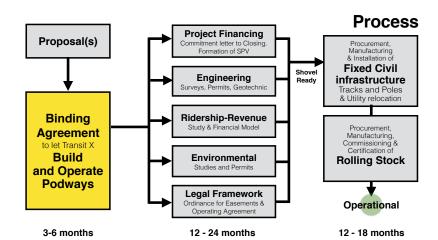
Short and Long Term Solution

A project could be operational within 24 months from the start of a project. Transit X offers a rapidly-deployable solution that provides long term benefits. We would form a local company to build, operate, and maintain the network. At least 75% of the profits would be invested back into the region.

Moving Forward

The diagram shows our process for a project. We submit a project proposal, then ask for a commitment for Transit X to build and operate a podway along rights-of-way easements. Example documents and a sample project schedule can be viewed at:

transitx.com/process



Evaluation

Please review our

preliminary proposal, and then ask us any questions. We would be happy to provide further information, address specific concerns, or meet with specific people or groups. Any routes or coverage areas shown on the map are only preliminary suggestions and actual routes would be determined based on needs, rights-of-ways, utility corridors, location of trees, and many other factors.

We expect this proposal to be reviewed by one or more committees or working groups. Familiar transportation options, such as buses, light rail, subways, and ridesharing services (including autonomous vehicles) may have already been considered. Very few options offer the convenience of cars with at least the capacity of buses, and most, if not all, require public funding and subsidies.

Private cars have a dominant mode share because people like the privacy and convenience of a car — despite the significant risks and negative impact associated with them. People won't give up their cars unless the alternative is both better and cheaper. That is what Transit X can provide.

We hope you agree that this proposal offers a way to address your challenges in both the short and long term, providing an option that is better and lower risk than any alternative — including continuing with the status quo.

We hope you will conclude that moving forward with Transit X is an excellent opportunity to meet your current and future challenges.

Once we agree to move forward, we look to receive a commitment for Transit X to build and operate a podway along rights-of-way easements.

A podway network is rolled out in phases that each take less than 24 months.

Other Resources

The links below provide general information about Transit X:

- One minute video overview (transitx.com/video)
- Transit X Handbook (transitx.com/transitxhandbook.pdf)
- Letters of Project Financing, Due Diligence, Contracts (<u>transitx.com/letters.pdf</u>)
- Memorandum of Understanding template (transitx.com/process/mou.html)
- Example Right-of-Way agreement (<u>transitx.com/process/resolution.html</u>)
- Operating Agreement (transitx.com/process/operating_agreement.html)
- General Q & A (transitx.com/QandA.html)
- Other proposals (transitx.com/proposals)

Addendum

The remaining pages of this proposal provide project-specific details:

- Project Overview and Impact pages 6 and 7
- Taxes and Fees pages 8 and 9
- Fares page 10 and 11
- Financial Project Summary with Pro Forma pages 12 and 13

We look forward to working with you to improve the quality of life for Hyderabad through better transportation.

Sincerely,



Email: rodneydixon@transitx.com or hello@transitx.com Telephone: +1 818-855-4106 (WhatsApp connected)

Zoom e-room: https://zoom.us/j/8229009123

Website: transitx.com

Twitter: http://twitter.com/TransitXCorp

Mail: 1127 Commonwealth Ave #30, Boston, MA 02134 USA





1	Transit X network length	559	km	
2	People (resident-equivalent) in region	6,809,970	resident-equivalent p	oopulation
3	Route density ratio (route length to service area)	1.10		
4	Number of stops	2,260		
5	Triple-speed route length	-	km	
6	Water crossing route length	0	km	
7	Cost of fixed infrastructure	\$2,026,530,735		
8	per person	\$298		
9	Mode share of travel on Transit X (25% after first year)		after 10 years	
10	Distance traveled by passengers on Transit X, per year	44,281,829,925		
11	per day	121,320,082		
12	Daily potential energy generation with standard panels on tracks	4,291.1	MWh	
13	Sustainable energy use per day	458.8	MWh	11.0% of max capacity
14	Energy storage capital cost for 1 day(s) of supply at \$250 per kWh	\$114,699,078		
15	Size (rated power) of solar installation	106,663	KW	
16	Cost to generate sustainable energy (at \$1,000 per kW)	\$106,662,837	way day.	17% of ODEV
17	Cost of buying sustainable energy at \$0.15 per kWh	\$68,819		17% of OPEX
18	Daily passengers riding Transit X	5,209,627		77% of the pop.
19	Distance per passenger per day	_	km	
20	Average distance per trip (assuming 3 trips per day)		km	
21	Single passenger fare for shared 8 km trip	\$0.35	25.00	INR
22	Passenger distance traveled during peak hour	24,264,016		22% of expected and 10%
23	Breakeven			22% of expected and 19% to Transit X)
24	Boarding capacity	813,600	passengers per hour	(16% of customers)
25	Number of pods for peak demand	107,530	pods at 77% me	ode share
2526	Number of pods for peak demand Number of customers per pod		pods at 77% mo	
			and 63 people per	
26	Number of customers per pod	48.4	and 63 people per km	
26 27	Number of customers per pod Distance per pod per year	48.4 168,193 118,283 \$698,945,000	and 63 people per km m ² is \$79 per person	pod
26 27 28	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side-parking)	48.4 168,193 118,283 \$698,945,000	and 63 people per km m ²	pod
26 27 28 29 30	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side-parking) Cost of pods	48.4 168,193 118,283 \$698,945,000 \$287,770,489	and 63 people per km m² is \$79 per person is \$42 per person	pod 0.1% of car parking
26 27 28 29 30	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856	pod 0.1% of car parking
26 27 28 29 30 31 Pr	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982	and 63 people per km m² is \$79 per person is \$42 per person 213,940,481,856 per km	pod 0.1% of car parking INR
26 27 28 29 30 31 Pr	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side-parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867	and 63 people per km m² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557	pod 0.1% of car parking INR
26 27 28 29 30 31 Pr 32 33 34 35	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867	and 63 people per km m² is \$79 per person is \$42 per person 213,940,481,856 per km	pod 0.1% of car parking INR
26 27 28 29 30 31 Pr 32 33 34 35 36	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side-parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867	and 63 people per km m² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557	pod 0.1% of car parking INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867	and 63 people per km m² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557	pod 0.1% of car parking INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299	pod 0.1% of car parking INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299	pod 0.1% of car parking INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt service (per year)	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299	pod 0.1% of car parking INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39 40	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt service (per year)	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299	pod 0.1% of car parking INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39 40 41 42 43	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side—parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt financing Project cost per year) Yearly fees and taxes (US\$34 per capita) OPEX & Debt service + Tax + Fees	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356 \$358,576,301 \$229,881,644	and 63 people per km m² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299 25,458,917,341 16,321,596,758	INR INR INR INR INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39 40 41 42 43 44	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side—parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt financing Project cost per year) Yearly fees and taxes (US\$34 per capita) OPEX + Debt service + Tax + Fees	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356 \$358,576,301 \$229,881,644	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299 25,458,917,341 16,321,596,758 31,416	INR INR INR INR INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39 40 41 42 43 44 45	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt financing Debt service (per year) Yearly fees and taxes (US\$34 per capita) OPEX A Debt service 4 Tex 4 Fees Project costs — per person Number of motor vehicles displaced	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356 \$358,576,301 \$229,881,644 \$442 4,428,183	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299 25,458,917,341 16,321,596,758 31,416 motor vehicles	INR INR INR INR INR INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39 40 41 42 43 44	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt financing Debt service (per year) Yearly fees and taxes (US\$34 per capita) OPEX + Debt service + Tax + Fees Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356 \$358,576,301 \$229,881,644 4,428,183 \$5,852	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299 25,458,917,341 16,321,596,758 31,416 motor vehicles 415,510	INR INR INR INR INR INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt financing Project costs per capita) OPEX A Debt service (per year) Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person Operating costs per passenger-km	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356 \$358,576,301 \$229,881,644 4,428,183 \$5,852 \$0.00	and 63 people per km m² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299 25,458,917,341 16,321,596,758 31,416 motor vehicles 415,510	INR INR INR INR INR INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side—parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt financing Pearly fees and taxes (US\$34 per capita) OPEXAL DEBT COSTS — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person Operating costs per passenger-km Full costs per passenger-km	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356 \$358,576,301 \$229,881,644 4,428,183 \$5,852 \$0.00 \$0.02	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299 25,458,917,341 16,321,596,758 31,416 motor vehicles 415,510	INR INR INR INR INR INR INR
26 27 28 29 30 31 Pr 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Number of customers per pod Distance per pod per year Two-layer pod garage area (20% of route with side–parking) Cost of pods Capital cost of energy generation and storage Oject Finances Total Project Cost Project cost per km Equity financing Debt financing Debt financing Project costs per capita) OPEX A Debt service (per year) Project costs — per person Number of motor vehicles displaced Yearly cost of cars displaced — per person Operating costs per passenger-km	48.4 168,193 118,283 \$698,945,000 \$287,770,489 \$3,013,246,223 \$5,392,982 \$903,973,867 \$2,109,272,356 \$358,576,301 \$229,881,644 4,428,183 \$5,852 \$0.00	and 63 people per km m ² is \$79 per person is \$42 per person 213,940,481,856 per km 64,182,144,557 149,758,337,299 25,458,917,341 16,321,596,758 31,416 motor vehicles 415,510 km	INR INR INR INR INR INR INR



Impact of proposed network

1	Reduction in GHG emissions (metric tons CO2-eq)	4,372,831 MTCO2-eq annually
2	Estimated cost to maintain public roadways	\$104,483,388 annually
3	Reduced waste products	709,616 metric tons annually
4	Travel time saved (non-stop travel and congestion)	413 hrs/person annually
5	Cost savings from reduced car ownership	\$4,635 per person annually
6	Increase in household income (from time savings and car costs)	196%
7	Reported injuries avoided	27,455 annually
8	Lives saved (from safety)	275 annually
9	Land freed from parking (25,166 acres)	101,848,209 m ²
12	Temperature reduction (from heat island effect & GHG reductions)	0.5 to 2 °C
11	Health care savings (from pollution, injuries)	High

Model Inputs

	Model Inpo	als.		
15	Ratio of road length to track length	4		
16	Walking speed	4.9	km/h	
17	Width of convenient swath along track	0.82		
18	Fixed cost per km (track & posts)	\$2,790,000	198,090,000	INR
19	Water crossing: additional cost per km	\$8,370,000		
20	Triple-speed: additional cost per km	\$5,580,000		
21	Rate factor for water crossings or high-speed links.	2.2		
22	Average distance traveled per person per year (for trips under 1600 km)	10,000	km	
23	Average distance per day per person	27	km	
24	Mode share % of people convenient to Transit X	85%	at 5 min walk.	
25	Percentage of daily demand during peak hour	20%		
26	Maximum capacity per track	42,309	pph	
27	Average dwell time during peak hour	10	seconds	
28	% of pods traveling on route with highest demand	18%		
29	Average speed of pod	72	km/h	45 mph
30	Average # of trips for a daily customer	3	per day	
31	Average passengers per pod during peak hours		passengers	
32	Average passengers per pod	2.4	passengers	
	Average discount per passenger	27%		
33	Maximum passengers per pod	5	passengers	
34	Empty pods: Percentage non-revenue	25%		
35	Ex-Factory cost per pod	\$5,000	355,000	INR
36	Worldwide Median Income per Household (US\$)	10,000	710,000	INR
37	Average number of residents per household	2.3		INR
38	Base fare per km	\$0.07	5.3	INR
39	(per mile)	\$0.12	8.5	INR
40	O&M as % of project cost	5%		
41	Percentage debt financed	70%		
42	Length of loan/debt		years	
43	Interest rate for debt	7%		
44	kg CO2 emissions per liter of gasoline	2.37		
45	Monetary value of 1 hour personal time (USD)	\$0.63		INR
46	Eat. roadway maintenance per year per km	\$51,000	3,621,000	INR
47	Area of one parking lot space		m ²	
48	Commercial income of land (annual)		per m ²	INR
49	Distance from roadway that is convenient	0.25	кm	
50	Stops per km	4.0	nnh	
51	Boarding capacity per stop Solar panel area per meter of track	360 2.0	ррп	
52	Cost of sustainable energy and storage		per kWh	
53 54	Global Horizontal Irradiance (GHI)		kWh/m²/day	
-	Cost to generate sustainable energy		per kW	
55 56	Storage per column	. ,	kWh	
57	Typical span	23		44
58	Energy storage cost		per kWh	
59	Energy storage capacity		days	
60	Area of parked pod	2.20	•	
61	Distance discount at max distance	40%		
62	Max distance discount	500	km	
63	Max usage discount at 10,000 km per capita	50%		
64	Shared Pod Discount	20%		
65	Shared Pod Compartment Discount	40%		
66	Mode share starting discount	67%		
	3			

Model Inputs (continued)

68	Name of region or project	Hyderabad, Telangan
69	Currency name	INR
70	Equal to US\$1	71
71	Sustainable energy/electricity generation & storage as	CAPEX
72	Land area of region (sq. km)	650
73	Number of residents in region	6,809,970
74	% travel within region	85%
75	% of land area served by roads	78%
76	Coverage: $\%$ of pop. convenient (5 min walk) to Transit X	90%
77	Annual median household income (US\$)	\$2,500
78	Convenient walk time to stop (min)	5
79	Triple-speed route length (km)	0
80	Water crossing route length (km)	0.0
81	Visitors per year	0
82	Average length of visit (days)	2
83	Solar production ratio	1.57
84	Regional Fare Factor	1.0
85	EPC costs & contingency	30%
86	Triple-speed (km/h)	242
87	Daily Passengers Adjustment	100%
88	Number of Stops Adjustment	100%
89	Mode Share Adjustment	100%

Pod & Car

		Pod	Car
87	Service life (years)	20	12
88	Full cost of vehicle per year	\$200	\$9,000
89	Public cost to maintain infrastructure (per km)	\$0	\$100,000
90	Energy consumption (MPGe)	3564	24
91	Energy consumption (liters/100km)	0.07	9.8
92	Energy consumption (Watt-hours/km)	9	1375
93	mass of CO2 per vehicle per km (kg)	0	0.09875
94	Vehicle mass (kg)	45	1950
95	Average speed of urban travel (km/h)	72	16
96	Typical travel time (in minutes) for 8 km trip	6	29
97	Fare/cost per km	\$0.07	\$0.62
98	Number of deaths per 100M passenger-km	0.00001	1
99	Number of injuries per 100M passenger-km	0.0006	62
100	Volume to park (cubic meters)	5.7	70.9



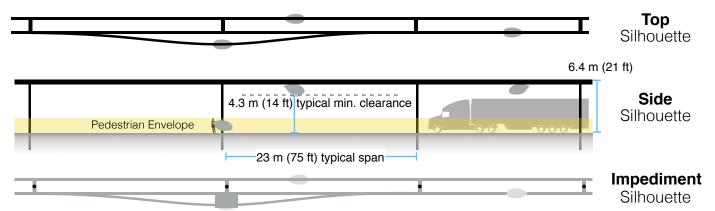
5% of gross revenue is paid for air rights and local taxes.

A minimum payment is based on the Footprint and the Transit X Commercial Rate (TXCR).

1	Air-rights and Local Taxes		(for calculating m	inimums)	
2	Total commercial land (estimated)	50,700,000	m ²		acres
3	Total commercial gov't revenue (US\$)	\$2,535,000		179,985,000	INR
4	TXCR (Transit X Commercial Rate)	\$0.05	per m ² (estimated)	3.6	INR
5	TXCR is the yearly tax rate per land area. Calculation: total land area of commercial properties in the governmental region, divided by all the governmental income generated by those properties. The TXCR is used to calculate the minimum tax/fee.				
6					
7	Private Easement Fees	For examp	ole		
8	4% of gross revenue	\$82.29	per route-meter		
9	Minimum per year	\$0.07	per route-meter		
	T	.			
10	Transit X payment to Gover	nment			
10	% of route on government easements		estimated		
				16,060,451,21 0	INR
11	% of route on government easements	98%		16,060,451,21 0 2,358	
11	% of route on government easements Total air-rights and local taxes	98% \$226,203,538	per year	0	INR
11 12 13	% of route on government easements Total air-rights and local taxes per resident	98% \$226,203,538 \$33	per year	0 2,358 2,947,906	INR
11 12 13 14	% of route on government easements Total air-rights and local taxes per resident	98% \$226,203,538 \$33 \$41,520	per year	0 2,358 2,947,906	INR INR
11 12 13 14 15	% of route on government easements Total air-rights and local taxes per resident with a minimum of	98% \$226,203,538 \$33 \$41,520	per year	0 2,358 2,947,906	INR INR INR
11 12 13 14 15	% of route on government easements Total air-rights and local taxes per resident with a minimum of Other financial benefits to	98% \$226,203,538 \$33 \$41,520 Government	per year	0 2,358 2,947,906	INR INR INR
11 12 13 14 15 16	% of route on government easements Total air-rights and local taxes per resident with a minimum of Other financial benefits to Less road maintenance from lower VMT	98% \$226,203,538 \$33 \$41,520 Government ag and lanes	per year	0 2,358 2,947,906	INR INR INR INR
11 12 13 14 15 16 17	% of route on government easements Total air-rights and local taxes per resident with a minimum of Other financial benefits to the service of the servic	\$226,203,538 \$33 \$41,520 Government ag and lanes ar road-related incid	per year per year ents	0 2,358 2,947,906 0	INR INR INR INR INR

Footprint calculations for minimum fee

Yearly fees and taxes



Pod landing area: 1.5m x 2.5m with 3m minimum spacing

1	Footprint Calculations	Metric		Imperial
2	Track width	0.30	m	
3	Track height	0.60	m	
4	Post diameter	0.3	m	
5	Post cross section	0.07	m^2	
6	Stop landing area	<u>3.75</u>	m ²	
7	width	<u>1.5</u>	m	
8	length	<u>2.5</u>	m	
9	Ramp length	21		
10	Typical Span	<u>23</u>	m	
11	Number of posts per unit length	<u>43.5</u>	poles per km	
12	Post height	<u>6</u>	m	
13				
14	Single track	1022.1	m ²	
15	Area of Side Silhouette	678.3	m ²	
16	Area of Top Silhouette	313.1	m ²	
17	Impediment Area (adjusted)	30.7		
18	, ,			
19	Dual track	1322.1	m ²	
20	Area of Side Silhouette	678.3		
21	Area of Top Silhouette	613.1		
22	Impediment Area (adjusted)	30.7		
23	podimont / wod (dajdotod)	00.7	111	
24	Stop	82.1	m ²	
25	Area of Side Silhouette	25.2		
26	Area of Top Silhouette	19.4		
27	Impediment Area (adjusted)	37.5	m²	
28				
29	Stops with dedicated landing areas	2	stops per km	
30	% of dual track	100%	010p0 p0	
31				
32	Average area per unit length	1,486	m² per route-km	
33				
34	Contract values			
35	% gross revenue for government on private prop.	1%		
36	% gross revenue for private easement	4%		
37	% gross revenue for government easement	5%		
38	Impediment Factor	10		
	impodiment i dotoi	10		



Taxi

Train

Uber/Lyft

Public Bus

Transit X

Personal car

Fair Fare Formula

Summary

The average commute would be 3.5 times faster saving each commuter 295 hours per year.*

At 3.18 INR per km, a typical commute on Transit X is 17% less than public transit and 74% less than a Taxi.*

			Trip Length	
A	III prices in INR	2 km	10 km	40 km
	Transit X	6.34 to 10.59 2 min., 3.6x faster	31.38 to 52.59 8 min., 3.6x faster	120.44 to 205.26 33 min., 3.4x faster
P	Public transit average	35.56	56.57	82.92
sepou	Taxi	49.30 2 to 6 minutes	214.70 8 to 30 minutes	834.94 30 to 120 minutes
Common public modes	Uber/Lyft	37.53 2 to 6 minutes	154.58 8 to 30 minutes	593.52 30 to 120 minutes
mon p	Public Bus	28.63 3 to 12 minutes	28.63 15 to 60 minutes	43.89 60 to 240 minutes
Com	Train	42.94 2 to 12 minutes	50.57 8 to 60 minutes	79.20 30 to 240 minutes
F	Personal car	38.18 2 to 6 minutes	114.56 8 to 30 minutes	400.98 30 to 120 minutes
Travel n	Avg. Low High Speed Speed spee node km/h km/h km/h	d Dist D	ist. Time Mode share ist. cost 6% 70% 24%	* All numbers on mode shares, speeds, and cos are rough estimates

100

1 14.31 0.5 100

11.45 0.5 100

0.76 0.5 50

9.54 0.1 400

0.95 2

3.18 0.1

12.72

6.36

0

0

0

0.01

5% 4% 1%

10% 10% 2%

50% 50% 40%

35% 36% 57%

30

30

15

30

72

30

20

20

10

10

72

20

80 28.63

80 22.90

40 28.63

80 42.94

80 19.08

72

Base fares are set for first 5 years, then adjusted by formula. A 20% discount on a shared pod and a 40% discount on a shared compartment. Trips are discounted proportional to their length reaching a maximum of a 40% discount on a 500 km trip. No congestion—based pricing. Fares are proportional to the median income of the area and inversely proportional to per capita use, so the more use of Transit X, the lower the base fare up a to 50% discount. The amount of market—rate fares must be less than the amount of discounted fares. Transit X Fair Fare Formula and Fair Freight Formula is universal and applies to all regions and all times.



Fair Fare Formula

Fare rates are updated annually using this formula

Global Income 710,000 NR		Name	Value	Units	Description of the value or model input	In USD
3 PercentincomeForTr GlobalFatte 6.17 INR/km Global rate. GlobalIncome* PercentincomeForTransport / AllTravel Global constant. Global rate. GlobalIncome* PercentincomeForTransport / AllTravel 5177,500 INR Global rate. GlobalIncome* PercentincomeForTransport / AllTravel 5177,500 INR Global rate. GlobalIncome* PercentincomeForTransport / AllTravel 5177,500 INR Global rate. GlobalIncome* PercentincomeForTransport / AllTravel 52,500 INR Global rate. GlobalIncome* PercentincomeForTransport / AllTravel 52,500 INR Global rate. GlobalIncome* PercentincomeForTransport / AllTravel 61,500 INR/km Global rate based on median income* Medianincome* PercentincomeForTransport / AllTravel 61,500 INR/km GlobalIncome* PercentincomeForTransport / AllTravel 61,500 Inravel	1	GlobalIncome	710,000	INR		10,000
seguilates 1.7 NiFikm Median household income at the air target programment 0.09 0.	2	AllTravel	23,000	km	Travel distance per household per year on any mode for trips under 1600 km. A global constant	
Global Fate 6.17 NRF/km Global rate : Globalincome * Percentincome Fort Transport / All Travel 5.250	3		20%		% of median household income for all transportation under 1600 km trips. A global constant.	
Median household income at first stop (per person per day) External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination one: Median household income at destination per trip. External input. Based on reliable public data source. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household income at destination per trip. External input. Based on reliable public data source updated annually. Median household per trip. External input. Median household per trip. Median household per	4		6.17	INR/km	•	0.09
Median household income at destination per trip. External input. Based on reliable public data \$3,750	5	IncomeFirst		INR	Median household income at first stop (per person per day). External input. Based on reliable	\$2,500
Underincomeals 1.54 INR/km MedianincomeFirst PercentlincomeForTransport / AllTravel 0.02	6	IncomeDest	\$266,250	INR	Median household income at destination per trip. External input. Based on reliable public data	\$3,750
Output	7	RegionalRate	1.54	INR/km		0.02
Nominal Flate 6.17 NR/Km Nominal Flate Regional Rate + UnderincomeRate 0.09	8	UnderIncomeRate	4.63	INR/km	•	0.07
Regional Factor 1.00	9	NominalRate	6.17	INR/km		0.09
11 AdjustedRate 6.17 INR/km Pagional adjusted rate: NominalRate * RegionalFactor Population in region. Updated annually based on trusted public data source. 12 UsageMaxDiscount 50% Fare Discount when Transit X travel per household equals AlTravel. Global constant. 13 PassengerTravel 14, 281, 829,92£ km Fare Discount when Transit X travel per household equals AlTravel. Global constant. 14 PassengerTravel 14, 281, 829,92£ km Fare Discount when Transit X travel per household equals AlTravel. Global constant. 15 ModeShare 28% Passenger frisp. Audit Constant X: Passenger frisp. Audit Constant X: Passenger Travel / Population x Altravel) 16 Base Rate 5, 30 INR/km SpecialRaseFactor 2.20 Passenger frisp. Audit Constant X: Passenger Travel / Population x Altravel) 17 SpecialRaseFactor 2.20 INR/km Base rate for single-passenger pod (without discounts) 18 SpecialRaseFactor 1.06 INR/km Base rate for high-speed intex. Global constant. 20 MaxOistanceDiscount 40% Unit Constant. 21 DistanceDiscount 40% Unit MaxOistanceDiscount X max distance. Global constant. 22 SeniorDiscount 20% SeniorDiscount 40% SeniorDiscount X passenger frisp. Audit Stance Scient X passenger pod (SeniorDiscount X passenger pod SeniorDiscount X passenger pod SeniorDiscount X passenger pod X p		RegionalFactor				
PasengerTravel 14, 281,829,925 km Fare Discount when Transit X travel per household equals AllTravel. Global constant. Total passenger distance traveled previous calendar year. Based on expected mode share for first 3 years. Based on actual passenger trips. Audited. Percent of Total Travel Per Capita on Transit X: PassengerTravel (Population x AllTravel) Base rate for single-passenger pod (without discounts) (1 - UsageMaxDiscount x min(1,ModeShare) x AdjustedRate Base Rate for SpecialBaseRate 11.66 INR/km SpecialBaseRate 11.66 INR/km SpecialBaseRate 11.66 INR/km DistanceDiscount 40% DistanceDiscount MaxDistanceDiscount MaxDistanceDiscount 10 StudentDiscount 20% Senior/Buscount 20% Senior/Buscount 20% Senior/Buscount 20% Senior/Buscount 20% Senior/Buscount 20% Disability/Suscount set according to local regulations DiscountBaseRate DiscountBaseRate 1.53 INR/km Discounted base rate (previous selendar year. Base do nexpected mode share for first 3 years. Based on actual passenger pod (without discounts) (1 - UsageMaxDiscount x min(1,ModeShare) x AdjustedRate BaseRate x Discount x min(1,ModeShare) x AdjustedRate BaseRate x Discount at max distance. Global constant. Max distance discount at max distance. Global constant. Max distance discount at max distance. Global constant. Max distance discount Almax distance. Global constant. Max distance discount at max distance. Global constant. Max distance discount at max distance. BaseRate x DistanceBase x X per year. BaseRate x DistanceBase x X per year. 15% minimum and 30% maximum. Maximum yearly	11	AdjustedRate	6.17	INR/km		0.09
Total passenger distance traveled previous calendar year. Based on expected mode share for first 3 years. Based on actual passenger trips. Audited. ModeShare 28% Percent of Total Travel Per Capita on Transit X: PassengerTravel / (Population x AllTravel) BaseRate 5.30 INFARM SasengerTravel / (Population x AllTravel) Base rate for indip-passenger pod (without discounts) (1 - UsageMaxDiscount x AllTravel) SpecialRateFactor 2.20 Rate for single-passenger pod (without discounts) (1 - UsageMaxDiscount x init, IModeShare) x AdjustedRate Rate factor for water crossings or high-speed travel init, sold passenger distance or water crossings: Base rate for high-speed travel or water crossings: BaseRate x DistanceDiscount Amazon travel or water crossings: BaseRate x DistanceDiscount	13	Population	6,809,970		Population in region. Updated annually based on trusted public data source.	
ModeShare 28%	12	UsageMaxDiscount	50%		Fare Discount when Transit X travel per household equals AllTravel. Global constant.	
BaseRate S.30 INR/km SpecialRateFactor 2.20 Rate factor for water crossings or high-speed links. Global constant. BaseRate SpecialRateFactor SpecialRateFactor SpecialRateFactor SpecialRateFactor SpecialRateFactor SpecialRateFactor SuddentDiscount 40% DistanceDiscount 40% DistanceDiscount 500 km Max distance discount. Global constant. SaseRate SpecialRateFactor StudentDiscount 20% StudentDiscount 20% StudentDiscount 20% StudentDiscount 20% Student discount set according to local regulations Student discount 20% Student discount set according to local regulations Student discount 20% Student discount set according to local regulations StudentDiscount 20% Student discount set according to local regulations StudentDiscount 20% Student discount set according to local regulations StudentDiscount 20% Student discount set according to local regulations Student discount set according to local regulations StudentDiscount 20% Student discount set according to local regulations StudentDiscount 20% Student discount set according to local regulations StudentDiscount 20% StudentDiscount 20% StudentDiscount 20% StaredPodDiscount 20% Stare	14	PassengerTravel 4	4,281,829,92	25 km		
INPAR INPA	15	ModeShare	28%			
SpecialRateFactor 2.20 SepadalRateFactor 2.20 Rate factor for water crossings or high-speed links. Global constant.	16	BasaBata	E 20	INID//www	Base rate for single-passenger pod (without discounts)	0.07
SpecialBaseRate 11.66 INR/km Base rate for high-speed travel or water crossings: BaseRate * SpecialRateFactor DistanceDiscount 40% DistanceDiscount 500 km Max distance discount at max distance. Global constant.	10			IINH/KIII	, , , , , , , , , , , , , , , , , , , ,	0.07
BaseRate * SpecialRateFactor 1.00 MaxDistanceDiscount 40% Distance discount at max distance. Global constant.	17		2.20			
Max distance Discount 1 500 km Max distance discount. Global constant. Distance Discount Per Max Distance Discount Per	18	SpecialBaseRate	11.66	INR/km		0.16
DistanceDiscountPerKm 0.004241 INR/km 25eniorDiscount 20% SeniorDiscount 20% SeniorDiscount 20% Student discount set according to local regulations (Student Discount 20% Disability Discount 20% Disability Discount 20% Disability Discount 20% Disability Discount set according to local regulations (Student Discount 20% Disability Discount set according to local regulations (Student Discount) Discount discount set according to local regulations (Student Discount) Discount discount set according to local regulations (Student Discount) Discount discount set according to local regulations (Student Discount) Discount (Student Discount) Discount for a shared compartment Discount (SharedPodDiscount) Discount for a shared Dod. Stab ty Transit X per year. 15% minimum and 30% maximum. Maximum yearly change is one percentage point. Rate for a shared Dod. SaseRate x (1 - SharedPodDiscount) Discount for shared compartment SaseRate x (1 - SharedCompartment BaseRate x (1 - Shared Compartment BaseRate x (1 - Shared Compartment BaseRate x (1 - Shared Compartment) (SingleCocupancyMa xDistance Discount) (SingleCo	19		40%		Distance discount at max distance. Global constant.	
DistanceDiscountPork Km SeniorDiscount StudentDiscount StudentDiscount DisabilityDiscount DiscountRaseRate DisabilityDiscount DiscountRaseRate DiscountR	20		500	km	Max distance discount. Global constant.	
Senior Discount 20% Senior discount set according to local regulations Student Disability Discount 20% Disability Discount 20% Disability Discount set according to local regulations Disability Discount 20% Discount set according to local regulations Discount BaseRate 4.24 INR/km Discount set according to local regulations Discount Set 20% DistanceBase S	21	DistanceDiscountPe	0.004241	INR/km	·	
Student discount set according to local regulations Disability Discount 20% Disability Discount set according to local regulations Disability Discount 20% Discount dascer rate: BaseRate x (1 - SeniorDiscount) Discount dascer rate: BaseRate x (1 - SeniorDiscount) Discount or a shared pod. Set by Transit X per year. 15% minimum and 30% maximum. Maximum yearly change is one percentage point. Rate for a shared pod. BaseRate x (1 - SharedPodDiscount) Discount or shared pod. BaseRate x (1 - SharedPodDiscount) Discount for shared pod. BaseRate x (1 - SharedPodDiscount pod. BaseRate x (1 - SharedPodDiscount pod. BaseRate x (1 - SharedPodDiscount pod. BaseRate x (1	22	SeniorDiscount	20%			
DisabilityDiscount 20% Disability discount set according to local regulations Note of Discount Discount 20% Discount Discount or a shared pod. Set by Transit X per year. 15% minimum and 30% maximum. Maximum yearly change is one percentage point. SharedPodDiscount 40% Discount for a shared pod. BaseRate x (1 - SharedPodDiscount) SharedCompartment Discount Discount for shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for shared compartment Rate 3.18 INR/km BaseRate x (1 - SharedCompartment BaseRate x (1 - SharedCompartment) SingleOccupancyMa xibistance Senior + Rate for a Senior taking a 500 km trip in a shared compartment. BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartment) BaseRate x (1 - SeniorDiscount) BaseRate x (1 - Senior		StudentDiscount	20%			
Discount for a shared pod. Set by Transit X per year. 15% minimum and 30% maximum. Maximum yearly change is one percentage point. Rate for a Shared PodB BaseRate x (1 - SharedPodDiscount) Discount or shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared Compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared Compartment per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared Compartment per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared Compartment per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared Compartment per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for a Shared Compartmen		DisabilityDiscount	20%			
Discount for a shared pod. Set by Transit X per year. 15% minimum and 30% maximum. Maximum yearly change is one percentage point. Rate for a shared pod: BaseRate x (1 - SharedPodDiscount) Discount or shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for shared compartment. Set by Transit X per year. 25% minimum and 40% maximum. Maximum yearly change is one percentage point. Rate for shared compartment BaseRate x (1 - SharedCompartment BaseRate x (1 - SharedCompartmentDiscount) Naximum yearly change is one percentage point. Rate for shared compartment BaseRate x (1 - SharedCompartmentDiscount) Rate for shared compartment BaseRate x (1 - SharedCompartmentDiscount) Naximum yearly change is one percentage point. Rate for shared compartment BaseRate x (1 - SharedCompartmentDiscount) Naximum yearly change is one percentage point. Rate for shared compartment BaseRate x (1 - SharedCompartmentDiscount) Naximum yearly change is one percentage point. Rate for shared compartment BaseRate x (1 - SharedCompartmentDiscount) Naximum yearly change is one percentage point. Rate for shared compartment BaseRate x (1 - SharedCompartmentDiscount) Naximum yearly change is one percentage point. Rate for shared compartment and set by Transit X per year. 25% minimum and 40% maximum. Naximum yearly change is one percentage point. Rate for shared compartment per year. 25% minimum and 40% maximum. Naximum yearly change is one percentage point. Rate for shared compartment per year. 25% minimum and 40% maximum. Naximum yearly change is one percentage point. Rate for shared compartment per year. 25% minimum and 40% maximum. Naximum yearly change is one percentage point. Rate for shared compartment per year. 25% minimum and 40% maximum. Naximum yearly change is one percentage point. Rate for shared compartment per year. 25% minimum and 40% m	24	DiscountBaseRate	4.24	INR/km	Discounted base rate: BaseRate x (1 - SeniorDiscount)	0.06
26 SharedPodRate 4.24 INR/km	25	SharedPodDiscount	20%		Discount for a shared pod. Set by Transit X per year. 15% minimum and 30% maximum.	
Discount Aufw Maximum yearly change is one percentage point.	26	SharedPodRate	4.24	INR/km		0.06
SharedCompartment Rate 3.18 INR/km BaseRate x (1 - SharedCompartment BaseRate x (1 - SharedCompartmentDiscount) SingleOccupancyMa xDistance 3.60 INR/km Rate for 500 km in single-passenger pod. Senior + 30 SharedCompartment Rate 1.53 INR/km BaseRate x (1 - Senior taking a 500 km trip in a shared compartment. BaseRate x (1 - Senior taking a 500 km trip in a shared compartment. BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartmentDiscount) x (1 - MaxDistanceDiscount) 1 50PctIncomeAtDest 25% Higher fare rate if Destination has 50% higher median income than First (IncomeDest / IncomeFirst - 1) / 2 DistanceBase 32,768,554,14£ km Passenger distance under base fare. Audited value from operational data. PercentBase 74% Passenger distance under base fare. Audited value from operational data. Percent of passenger distance under base rate. Audited value from operational data. Average fare discount from Base Rate: 1 - (BaseRevenue / (DistanceDase x BaseRate)) Market rate factor. Negotiated value for setting ratio of AverageDiscount Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate:	27		40%		Discount for shared compartment. Set by Transit X per year. 25% minimum and 40% maximum.	
Senior + Senior + Rate for a Senior taking a 500 km trip in a shared compartment. Senior + Senior + Rate Senior + Rate Senior + Rate 1.53 INR/km BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartmentDiscount) x (1 - MaxDistanceDiscount) Senior + Rate 1.53 INR/km BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartmentDiscount) x (1 - MaxDistanceDiscount) Senior + Rate 1.53 INR/km BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartmentDiscount) x (1 - MaxDistanceDiscount) Senior + Rate Senior + Rate for a Senior taking a 500 km trip in a shared compartment. BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartmentDiscount) x (1 - MaxDistanceDiscount) September 1 - SeniorDiscountAmount) x (1 - SharedCompartmentDiscount) x (1 - MaxDistanceDiscount) Percent of passenger distance under base fare. Audited value from operational data. Percent of passenger distance under base fare: DistanceBase / PassengerTravel Average Discount from Base Rate: 1 - (BaseRevenue / (DistanceDase x BaseRate)) Market PateCompartment. Senior + Rate for a Senior taking a 500 km trip in a shared compartment. Senior 1 - SharedCompartment. Seni	28		3.18	INR/km	Rate for shared compartment	0.04
Rate for a Senior taking a 500 km trip in a shared compartment. BaseRate x (1 - Senior DiscountAmount) x (1 - SharedCompartmentDiscount) x (1 - MaxDistanceDiscount) SoPotIncomeAtDest 25% Shigher fare rate if Destination has 50% higher median income than First (IncomeDest / IncomeFirst - 1) / 2 DistanceBase 32,768,554,145 km Passenger distance under base fare. Audited value from operational data. PercentBase 74% Passenger distance under base fare: DistanceBase / PassengerTravel AverageDiscount 27% Annual revenue from all travel under base rate. Audited value from operational data. Average fare discount from Base Rate: 1 - (BaseRevenue / (DIstanceDase x BaseRate)) MarketRateCap 27% MarketRateCap 27% Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate: Cap on passenger travel distance at market rate:	29	SingleOccupancyMa xDistance	3.60	INR/km		
Composition	30	Senior + SharedCompartment	1.53	INR/km	BaseRate x (1 - SeniorDiscountAmount) x (1 - SharedCompartmentDiscount) x (1 -	0.02
DistanceBase 32,768,554,14£ km Passenger distance under base fare. Audited value from operational data. Percent of passenger distance under base fare: DistanceBase / PassengerTravel Annual revenue from all travel under base rate. Audited value from operational data. AverageDiscount 27% AverageDiscount Average fare discount from Base Rate: 1 - (BaseRevenue / (DistanceDase x BaseRate)) MarketFactor MarketRateCap 27% MarketRateCap 27% MarketRateCap 27% MarketTravelCap 8 870 523 374 km Passenger distance under base fare. Audited value from operational data. Average fare discount from Base Rate: 1 - (BaseRevenue / (DistanceDase x BaseRate)) Market rate factor. Negotiated value for setting ratio of AverageDiscount Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate:	31	50PctIncomeAtDest	25%			
Percent of passenger distance under base fare: DistanceBase / PassengerTravel 34 BaseRevenue 26,687,685,05 INR Annual revenue from all travel under base rate. Audited value from operational data. AverageDiscount 27% Average fare discount from Base Rate: 1 - (BaseRevenue / (DistanceDase x BaseRate)) MarketFactor 1.0 Market rate factor. Negotiated value for setting ratio of AverageDiscount Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Reference AverageDiscount x MarketFactor Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate:	32	DistanceBase 3	2,768,554,14	45 km	,	
BaseRevenue 26,687,685,05 INR Annual revenue from all travel under base rate. Audited value from operational data. Average fare discount from Base Rate: 1 - (BaseRevenue / (DIstanceDase x BaseRate)) MarketFactor MarketFactor AverageDiscount Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate:	33				Percent of passenger distance under base fare:	
1 - (BaseRevenue / (DistanceDase x BaseRate)) MarketFactor 1.0 Market rate factor. Negotiated value for setting ratio of AverageDiscount Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Ray MarketTravelCap 8 870 523 374 km 1 - (BaseRevenue / (DistanceDase x BaseRate)) Market rate factor. Negotiated value for setting ratio of AverageDiscount Cap on passenger travel distance at market rate: Cap on passenger travel distance at market rate:	34	BaseRevenue 2	26,687,685,0	5 INR	Annual revenue from all travel under base rate. Audited value from operational data.	
MarketFactor 1.0 Market rate factor. Negotiated value for setting ratio of AverageDiscount Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate: AverageDiscount x MarketFactor Cap on passenger travel distance at market rate:	35	AverageDiscount	27%		-	
AverageDiscount x MarketFactor Cap on passenger travel distance at market rate:	36	MarketFactor	1.0		Market rate factor. Negotiated value for setting ratio of AverageDiscount	
	37	MarketRateCap	27%		· · · · · ·	
	38	MarketTravelCap 8	3,870,523,37	4 km		

Project Summary

Project A fully-automated, solar-powered, micro-rail **Description** network. A transportation utility.

Project type Sustainable Transportation Infrastructure

Design, Build, Finance, Own, Operate, Maintain

(DBFOOM)

Project equity US\$904 million (30% of total)

Cost to Gov't \$0

Structure Privately financed equity and debt

Debt term 10 years @ 7%

Equity terms A waterfall profit distribution per year with:

1. 90% until capital payback,

2. then 50% until Target% is reached

3. then 10%

Taxes & Fees \$226,203,538 per year

Benefits to

society and Extremely high environment

Estimated return 48% average IRR at 5 yrs 55% average IRR at 10 yrs

Financials (US\$ in millions)	Year 1	Total Years 1-12
Gross Revenues	1,517	44,002
Taxes and fees	76	2,200
Debt service	\$148	\$1 624

ESG (Environmental, Social, Governance) Benefits

Clean Energy	yes	Improve Resiliency	yes
Energy security	yes	Sustainable	yes
Zero Emissions	yes	Equitable	yes
Zero GHG	yes	Recyclable Materials	yes
Lowers Pollution	yes	Affordable Housing	yes
Clean Water	yes	Improved Health	yes
Improved Safety	yes	Economic Development	yes
Add Green Space	yes	Access to Food	yes
Accessible	yes	Add Quality Jobs	yes

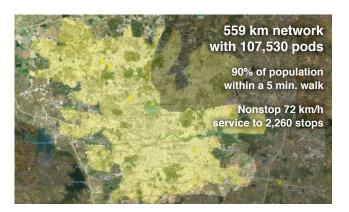




Transit X presents a preliminary proposal for a sustainable micro-rail network — a fleet of automated electric vehicles (pods) for passengers and freight on a local and regional podway providing equitable public transportation for

Hyderabad, Telangana, India

High capacity • High speed • Nonstop • 24/7 Solar powered • Zero Wait • Door-to-door • Resilient



About Transit X

Transit X finances, designs, builds, and operates solar-electric micro-rail public transit podways to supplant buses, trains, cars, and trucks. Transit X offers its service to governments and commercial developers. Maiden Flight was on Oct 29, 2018 and pilot projects started in 2018. First pilots will break ground in 2019 and begin operations in 2020. Transit X is a privately held company founded in 2015, based in Boston, Massachusetts.

Status

	Now	Prior to close
Project financing	Available	Yes
Outdoor Test Track	Nov 2019	Yes
Rider-Revenue study	Preliminary	Yes
Environmental study	Per region	Yes
Air rights	Per project	Yes
Permitting	Per project	Yes
Safety certification	Per country	Yes
Construction firm	Per project	Yes
Design and major subs	Per project	Yes
Operations & Maint	Partners	Yes
Utility relocation	Per project	Agreements

General information available at <u>transitx.com</u>. Detailed information and references can be provided under appropriate non-disclosure/non-compete/non-circumvent agreements. Contact: Mike Stanley, CEO, Transit X, <u>mike@transitx.com</u>, 508-596-7024



Model Inputs and Assumptions

Route length (km) 559

Starting number of pods 35,485

Projected revenue growth 15%

Project Cost (Privately funded) \$3,013,246,223

% Debt financed 70%

Debt \$2,109,272,356

Equity \$903,973,867

Debt payment (per year) \$147,649,065

Travel per year per pod (km) 168,193

Revenue per vehicle-km (US\$) 0.25

OPEX as % of project cost 5%

Debt Interest rate 7%

Debt term (yrs) 10

Profit share when below capital return 90%

Profit share when below Target IRR 50%

Profit share when above Target IRR 10%

Pro Forma

	Years	0	1	2	3	4	5	6	7	8	9	10	11	12
Revenue		0	1,517,223,129	1,744,806,599	2,006,527,588	2,307,506,727	2,653,632,736	3,051,677,646	3,509,429,293	4,035,843,687	4,641,220,240	5,337,403,276	6,138,013,767	7,058,715,832
5% RoW÷tax÷fee	•	0%	75,861,156	87,240,330	100,326,379	115,375,336	132,681,637	152,583,882	175,471,465	201,792,184	232,061,012	266,870,164	306,900,688	352,935,792
Debt service		0	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065	\$147,649,065
Investor share		0	925,870,983	228,775,863	248,813,975	271,857,805	298,358,208	328,833,672	363,880,455	404,184,257	450,533,628	503,835,405	565,132,448	635,624,048
Investor share (%))		90%	19%	18%	17%	16%	15%	14%	14%	13%	13%	12%	12%
Share / Orig Capit	al	0%	102%	25%	28%	30%	33%	36%	40%	45%	50%	56%	63%	70%
IRR to date		loss	2%	23%	36%	44%	48%	51%	53%	54%	55%	55%	56%	56%

Important Notices

The information contained in this document is not an offer to sell or a solicitation to buy any security. These materials and documents and information from which they are derived or which are referred to by or accessible from them may contain forward looking statements within the meaning of Section 27A of the Securities Act of 1933, Section 2E of the Securities Exchange Act of 1934 and the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact are forward looking statements and are subject to risks and uncertainties. Forward looking statements generally can be identified by the use of forward looking terminology such as "may," "will," "expect," "intend," "estimate," "project," "anticipate," "believe" or "plan" or the negative thereof or variations thereon or similar terminology. Although Transit X believes that the expectations reflected in such forward looking statements are reasonable, it can give no assurance that such expectations will prove to be correct. All forward looking statements speak only as of the date made. Except as required by law, Transit X undertakes no obligation to update any forward looking statement to reflect events or circumstances after the date on which it is made or to reflect the occurrence of anticipated or unanticipated events or circumstances. These materials and documents and information from which they are derived or which are referred to by or accessible from them represent Transit X's best estimate as to the allocation of the funding proceeds based upon its present business plan and financial condition. The costs and expenses to be incurred in pursuing the Company's business plan cannot be predicted with certainty. There can be no assurance that unforeseen events will not occur or that the Company's business plan will be achieved or that it will not be changed, and it is possible that the funding proceeds may be applied in a manner other than that described herein.