



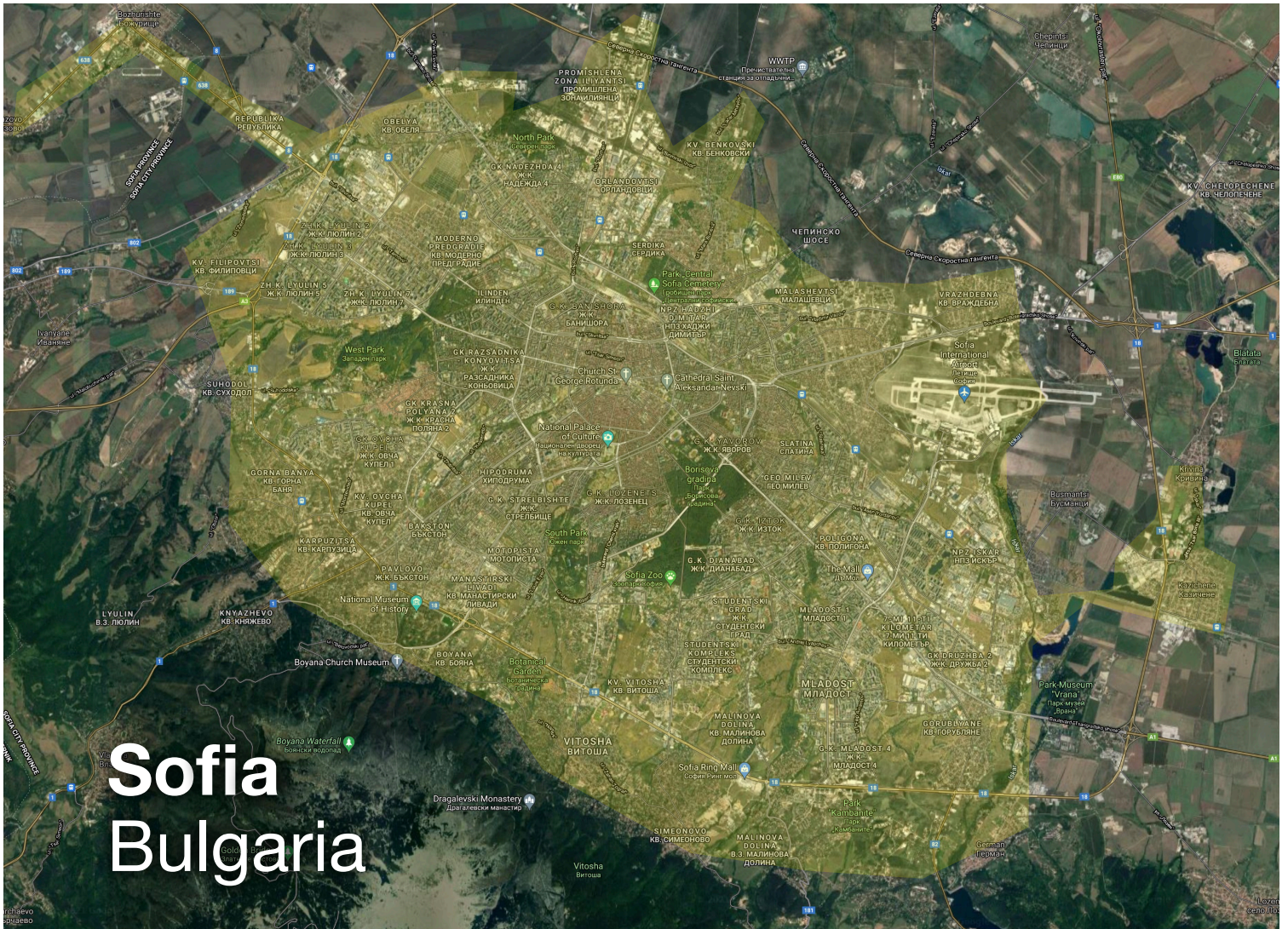
A proposal for privately-financed  
Public Transit Podway for

## Sofia, Bulgaria

461 km network with  
43,243 pods and 1,862 stops serving  
90% of population within a 5 min. walk.

380 MW solar & wind generation to power 62,950 households.

**High capacity • High speed • Nonstop • 24/7  
Sustainable • Zero Wait • Door-to-door • Resilient**



# Sofia Bulgaria

Hello.

We propose to build and operate a privately-financed public transit podway that eliminates issues with **traffic congestion, parking, pollution, and safety.**

Please watch a 6-minute presentation at [transitx.com/v](http://transitx.com/v)



A podway is a fleet of automated electric vehicles (pods) for passengers and freight on a micro-guideway providing equitable public transportation to replace cars, buses, trains, and trucks.

### Privately Financed

No government funding, subsidies, guarantees or special tax incentives are necessary. The system is very low cost so revenue from fares, freight, and advertising makes it profitable.

### Equitable fares

The majority of fares are regulated based on a formula that assures equitable fares. A shared trip is 0.20 BGN per km (US\$0.12/km). The price of a typical 14 km trip is 2.76 BGN (US\$1.72).

### Jobs and Workforce Development

The project creates 1,838 local construction/manufacturing jobs. The project directly employs 12,122 workers, and creates 21,856 jobs from secondary effects. Transportation workers who get displaced are given priority. We welcome labor unions.

### Eliminates traffic congestion

Pods can travel in 6-pod trains with 1 second headway providing over 80,000 passenger seats per hour — equivalent to a 40 lane highway.

### Green and Walkable

A podway removes vehicular traffic from roads, enabling streets to transition into green and pedestrian-friendly spaces.

### Disease and Health

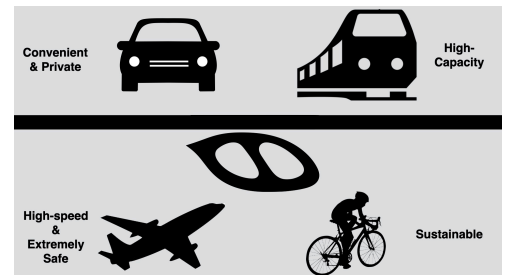
The system prevents the spread of diseases, makes healthcare facilities easily accessible, and encourages walking.

### Zero Footprint

A podway has no dedicated footprint — pods travel above roads. In the space of one parked car, a pod stop has a capacity of 2,000 passenger boardings per hour.

### Faster commutes

Pods travel non-stop at 72 kph (45 mph) on metro podways and 242 kph (150 mph) on high-speed podways — delivering the fastest



door-to-door trips of any travel mode.

**Eliminates pollution: Air, Sound, Light, Water**

Pods are quiet, efficient and have zero emissions. Pods offer less visual impact than the existing roads and vehicles. Pods don't have headlights and podways do not need to be lit.

**Sustainable and Efficient**

Pods achieve over 20 times the efficiency of electric cars. 100% powered by renewable energy. Eliminates green house gas (GHG) emissions from transportation.

**Resiliency**

System continues to operate through flooding, earthquakes, dust/snow/ice, high winds, blackouts, road crashes, and heat waves.

**Economic Development & Societal Benefits**

A podway has positive impacts on education, food security, healthcare access, agriculture, tourism, and reduces poverty and homelessness. The median income would increase by 43%.

**Safety**

Podways are orders of magnitude safer than roadways, and would eliminate 8,904 road-related injuries and 89 deaths annually. Eliminates human errors and impaired driving.

**Fear, Harassment, Race, Justice, Corruption**

Podways eliminate dangers and fears from operating motor vehicles, including traffic stops, and road-rage. Border crossings can be safer and take less time and money.

**More Public Transit & Fewer Cars**

Pods provide the convenience and privacy that people value in cars, without their negative impacts. A podway combines the best features of public transit and personal cars.

**Minimal Disruption from Construction**

Construction is not disruptive and takes only 12 months.

**Bonded, Guaranteed and Proven**

The project's turnkey contracts are with large, established firms. Projects are fully bonded and service levels are guaranteed. Automated small-vehicle transport (PRT) has been operating with a perfect safety record for 40 years in Morgantown, West Virginia.

**Revenue Generator**

Rights-of-way owners receive a 5% toll share on revenue which is expected to be US\$353,109,313 per year.

**Lowest Risk**

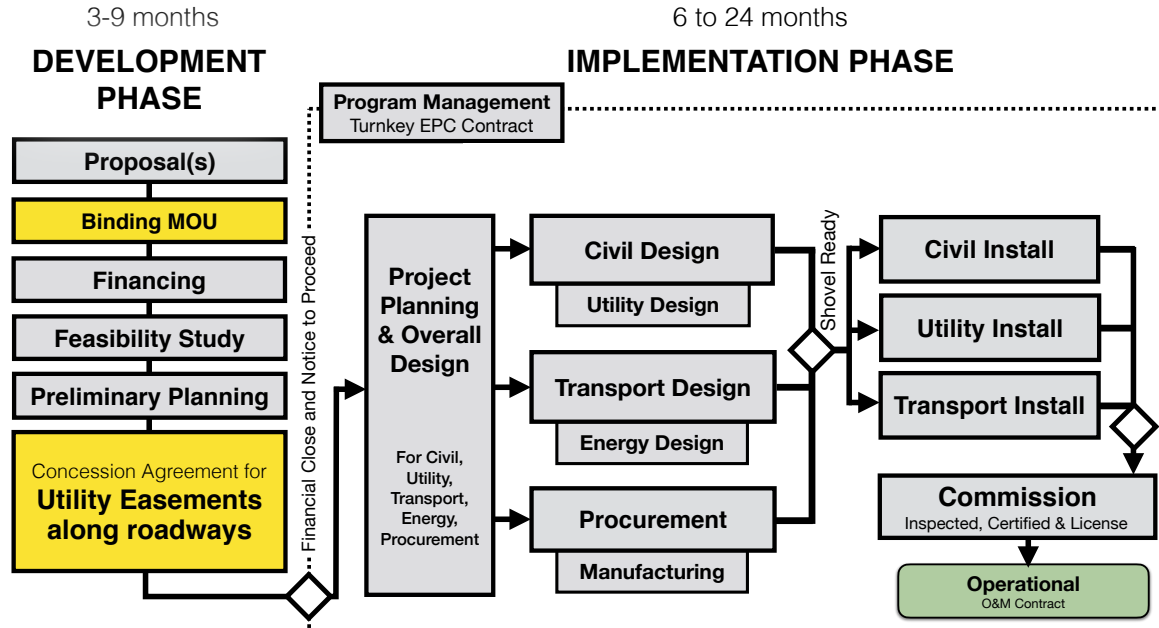
A podway provides compelling benefits with much less risk than other options.



**Move to ZERO**

- Ø Congestion
- Ø Waiting
- Ø Pollution
- Ø Crashes
- Ø Footprint
- Ø Downtime
- Ø Energy
- Ø Disruption
- Ø Crime
- Ø Illness
- Ø Distance
- Ø Weight
- Ø Excluded
- Ø Noise
- Ø Cost
- Ø Job loss
- Ø Objections
- Ø Cars
- Ø Inequity
- Ø Risk





**Financial Viability**

The project cost is US\$1,994,680,000 (3,191,483,068 BGN) (\$2,098 per customer, \$4.3M per km) and expected 2,851,694 trips per day (77% mode share) after 4 years with breakeven at 16% (464,689 trips per day). The Cash-Flow-to-Debt Ratio is 329%. There is a 2.3 year payback period, gross margin of 74%, estimated 106% Equity IRR at year 5, and 6% cost to value. These numbers make the project financially attractive for private investment.

**Next Steps**

To move forward, we need a binding Memorandum of Understanding for utility easements along roadways. Example letters and agreements at: [transitx.com/process](http://transitx.com/process)

For more information — including presentations, other proposals, and videos — visit [transitx.com/Bulgaria](http://transitx.com/Bulgaria)

The Podway Handbook answers many questions about our service, the company, the system, and the way we address: congestion, parking, road safety, pedestrian safety, accessibility, sustainability, fares, renewable energy & 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.

A 100+ page custom pre-feasibility study and ridership-revenue study is available under a non-disclosure agreement. Contact us at [hello@transitx.com](mailto:hello@transitx.com). We look forward to answering your questions and moving forward on a project.

Sincerely,

