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# WELCOME TO A NEW ERA IN TRANSIT

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## We are Pantero

We are a Montreal-based start-up, and we are on a mission to take on climate change and address world urbanization problems through breakthrough innovations in public transportation. As our name suggests, Pantero is all about being quick, agile, and capable of adapting to paradigm shifts. What's more, we are ready to go where others are not.



Pantero RoadTram X4

## The creators of a new mode of public transportation

This is more than just an industry evolution; this is an industry revolution, an industry first — a new era. A mode of transportation so novel, in fact, that it defies definition — until now. We call it the *RoadTram*, and it's sure to catch on, as it is one of the most unique and advanced public transportation vehicles of its kind. More than a vehicle, the *RoadTram* is a category unto itself — a tramway and bus hybrid — one that incorporates the best of both worlds while leaving their limitations by the wayside.

## Improving our cities and communities through innovation

Of course, there are many who only dream about bringing these tramways and buses together. But we are the only ones actually in the process of making it happen. Other companies are happy to loosely throw around the term *trambus* without actually creating anything new to back it with. At Pantero, we're already well on our way, ahead of the pack, to create a *RoadTram* worthy of its name, thanks to a unique blend of engineering expertise and

proprietary innovations. The proof? We have already re-engineered a new vehicle platform from the ground up and have convinced automotive leaders to join us. Making the impossible possible.

## So much more than a transportation solution

The *RoadTram* is the result of years of planning, designing, and taking the time to create a modular mode of transportation that goes far beyond moving people from one location to another. It is a sustainable transportation solution that meets the ever-changing needs of people and communities. One that keeps environmental quality and economic viability in mind. Less expensive than tramways and more efficient than buses, the *RoadTram* can be deployed faster and more economically. And because it's electric, it makes for greener cities and enhanced quality of life.

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# A FLEXIBLE SYSTEM DESIGNED FOR EVOLVING CITIES

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## Introducing next level flexibility

Available in numerous configurations (2, 3 or 4 modules), our objective is to replace the legacy of articulated buses and fill the gap up to the service provided by a mid-range tramway. The ultimate version comprising 4 units, 37 metres long — the size of an average tramway — the Pantero *RoadTram* can receive up to 300 passengers. With up to 8 electric drive motors and a smart steering system, this vehicle outperforms just about everywhere (even in places you didn't think possible). From dense urban zones to hills and even in intense Canadian winter conditions.

## Making the most of public transportation budgets

Whereas tramways and LRTs (light rail transit) require massive investments for their fixed infrastructure and present a very high total cost in terms of \$/passenger-km, the Pantero solution requires no complex infrastructure. A project can begin with only paint on the roads. More dedicated infrastructure may be desirable, but it's all about investing more in the user experience and the quality of service and much less in public works. It's affordable and efficient public transit for all communities, both small and large.

## A serious option for tramway and LRT projects

Whether as an alternative or as an essential complement to feeding and expanding rail services, the Pantero *RoadTram* is a highly adaptable and expandable system that can grow with existing infrastructures, and adapt to the ever-changing needs of urban centres.



Pantero  
RoadTram X4

## Adaptable to new realities

Passenger expectations are changing every single day. With the current pandemic crisis, transit agencies must adapt to a new reality. Pantero *RoadTrams* are the most effective solution when it comes to avoiding the sardine effect of regular buses by providing more distancing space between passengers. No need for more buses. No need for more drivers.

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# A MOVEMENT WHOSE TIME HAS COME

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## Better for the environment

The Pantero *RoadTram* is fully electric and highly optimized for unmatched energy efficiency. Being lighter, it causes less damage to roads, a significant and hidden cost for all cities. Its carbon footprint is much less than any rail solution. This is clean and sustainable public transit at its finest.

## Better for the economy

Say goodbye to massive investments for transportation infrastructures. The Pantero *RoadTram* requires much, much less of a financial injection — public funding, in fact — to get up and running. No need for rail networks. With a minimal initial investment, painting lines to set up reserved lanes, for example, the Pantero *RoadTram* can also be deployed much more quickly.

## Better for the community

Efficient public transportation should be a right for everyone. And the flexibility and affordability of the Pantero *RoadTram* enable it to be deployed efficiently in just about any community. Going places where traditional articulated buses have difficulty manoeuvring. Going places where tramways can't go and where they don't make economic sense.

## It all adds up to a better way

The Pantero project is ready to roll. So much more than a mode of transportation, it truly is a movement. A movement that sprung from our years of high calibre experience in the bus and rail industries, and the realization that there needed to be a better way to address today's environmental, economic and societal realities. With strong support from international partners, we are ready to pave the way forward. Join us as we redefine the future of public transportation today.

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