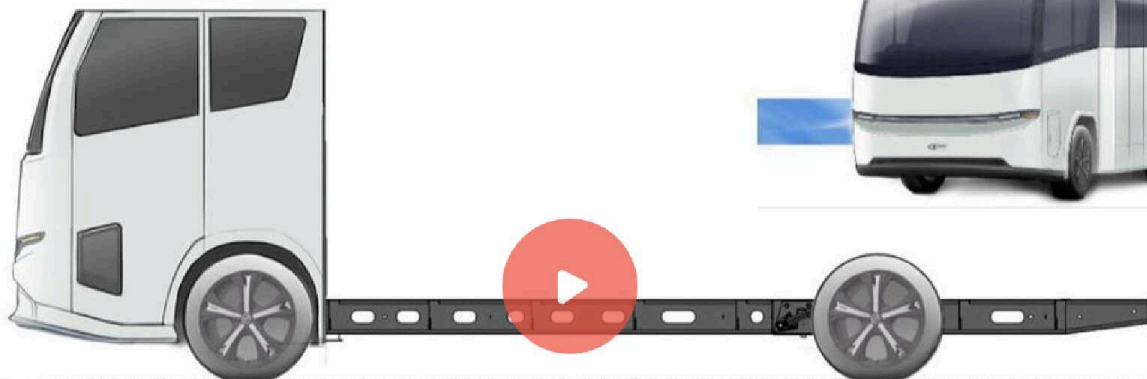


# The Future begins Now!



INVEST IN THE SECOND ROUND OF CITYFREIGHTER INC.

**The ultra low floor commercial EV platform targets RV and multiple billion-dollar niche markets**

[cityfreighter.com](https://cityfreighter.com) Santa Barbara, CA



Technology

B2B

Hardware

Climate Change

Transportation

## Highlights

1

Currently closing in on a game changing RV platform project. Versatile, modular and software defined

Substantial multi-billion dollar Market with exponential growth. Demand expected to

- 2 outpace supply
- 3 The market needs electrified CabChassis. Modular, customizable, designed for ease of manufacturing
- 4 Reducing CAPEX and speeding up time-to-market by using existing and proven parts, SOP end of 2026
- 5 Addressing the largest key markets for commercial full electric platforms, the US and Europe
- 6 Building strong collaborations and alliances with global Tier1 partners
- 7 Combining multiple niche markets to increase volume and reaching economical pricing
- 8 Proven history of execution, proof of concept in 2019, fully functional Beta version in 2021

## Our Founder



**Michael Schoening** President & Founder

Michael is a visionary leader and serial Entrepreneur. He has proven to turn visions into execution.

By talking to fleet operators we recognized that there is a need for individual and flexible solutions. We are very excited about our unique, customer-focused concept. It will shake up the last-mile vehicle segment with a keen design, radical new features, and a faster time-to-market, all of which will set us apart from what is available.

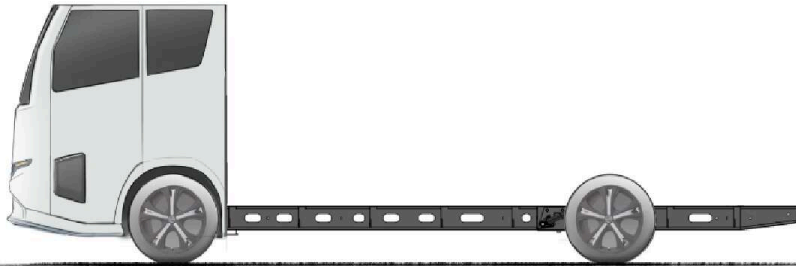
# Powering Progress: Ride the Future Wave with Our Electric Revolution for Commercial Vehicles – Round Two, Unleashing Limitless Potential in a Multi-Billion-Dollar Landscape!



Here you go. We are close to sign a deal with a prominent European RV manufacturer and will then take a different route of funding. The campaign is still open to invest, so this might be an opportunity. We believe that the direction we take, combining different niche markets, starting with RVs, will open multiple opportunities. We worked heavily the last months on this project development, together with the RV manufacturer, and we have come from an electrified chassis to a versatile, modular, software platform which, we believe, is going to disrupt the market.



# Full Electric modular Low-Floor CabChassis Serving multiple Niche Markets



## The Future Begins Now

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### Executive Summary I



Our mission is to revolutionize the RV market by pioneering a modern, fully electric cab chassis low-floor platform designed specifically for semi-integrated motorhomes.

Through collaborative sessions, we've identified numerous avenues for innovation, confident that our project will disrupt the industry and extend its impact.

We recognize the importance of fostering direct collaboration between the electric chassis provider and RV manufacturer, essential for optimal sustainability and an enhanced user experience within our planned ecosystem.

Our focus on modularity ensures adaptability across diverse sectors, from last-mile deliveries to shuttle buses and others, allowing us to penetrate niche markets and create the necessary volume for establishing competitive pricing in the long term.

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### Executive Summary II



The software defined CF Platform is to be poised to set new standards for sustainability in its market segment, given its emphasis on sustainability technology and modular design. Key features supporting this include:

- Flexible battery sizes and 'protected packaging', allowing for upgrades to new technologies without changing the chassis design, thereby extending the lifecycle of the vehicles and reducing waste.

chassis design, thereby extending the lifecycle of the vehicles and reducing waste

- Over-The-Air (OTA) technology for real-time updates, data logging, and remote servicing, enhancing the efficiency and longevity of the vehicles
- Integration with Artificial Intelligence (AI), pushing automotive technology into a new era of efficiency and sustainability
- The use of RVs as energy storage units and bi-directional charging (Vehicle-to-Home, V2H – Vehicle-to-Grid, V2G)), presenting an innovative approach to energy management and sustainability.

These features demonstrate that the CF Platform is not only advancing sustainability in its design and technology but also potentially setting new benchmarks for sustainability in the automotive and recreational vehicle sectors.

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## ERVP Project Overview



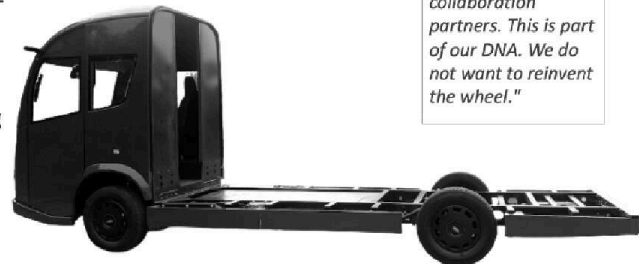
### About CityFreighter

CityFreighter is a dynamic start-up specializing in developing an intelligent commercial vehicle platform. With a successful Proof-of-Concept in 2018 and unveiling a fully functional beta version in 2021, we've demonstrated our expertise.

Our approach involves close partnerships with leading Tier-1 automotive companies to leverage resources effectively.

Operating at start with a small but experienced team, we employ a cross-segment development approach, harnessing our partners' expertise to move quickly and cost-effective

Our focus is on developing a manufacturing-optimized product meeting automotive standards and homologation requirements while avoiding unnecessary expenditures.



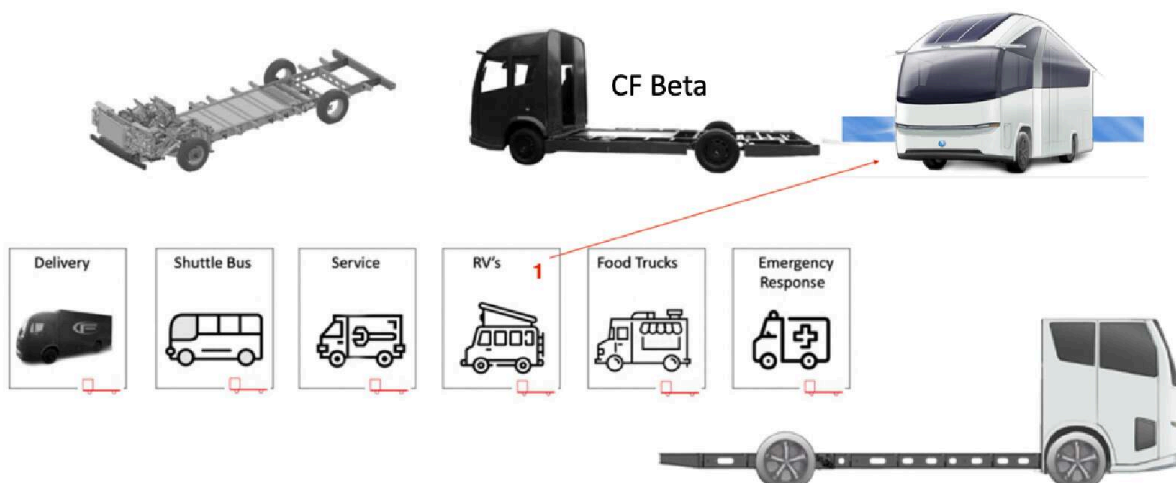
CityFreighter's Founder and CEO Michael Schoening:

*"We have shown that we can maximize the results and can speed up development by working closely with our carefully chosen and valuable collaboration partners. This is part of our DNA. We do not want to reinvent the wheel."*

**We have everything aligned with robust partners, spanning from the initial design phase to the final assembly**

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## Volume is Key – Combining several Niche Markets



## Vehicle Specs

Range	> 250 'real' miles at full vehicle weight
DC Charging	30 min 20% to 80% SoC
Battery Type & Size	Lithium Iron Phosphate (LFP) 180 wh/kg 800V
Top Speed	70 mph (75 mph shprt-term)
Empty Weight Cab Chassis	< 2,500 kg
Vehicle Length	6,950mm
Driver's cab width	2,000 mm (without mirrors)
Step height	320 mm
Vehicle (RV) total Width	2,300 mm
Gross Vehicle Weight Ratio (GVWR)	4,250 kg - designed to expand at later stage- (e.g. US 4.8 tons and further up later)
Wheel Base	3,630 mm -designed to expand at later stage-
Turning Circle	12,000 mm -approx.-
Low-Floor Chassis Height	500 mm -rear- 600 mm -Drivers Cab
Drivetrain	Front Drive E-Axle -all wheel option at later stage-
Airbag	Driver & Passenger



During the design phase, dimensions and other specifications can be modified to align with project objectives and performance criteria

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## Identifying the real Needs of the Industry

We are in discussions with renowned RV companies in the industry. Through extensive meetings and workshops over the past months, we've diligently pinpointed their unique needs. With participation from some of our Tier-1 industry partners, these engagements have not only addressed current requirements but also revealed innovative opportunities previously overlooked. This enriched dialogue sets the stage for mutually beneficial outcomes.

### Key Findings of the meetings/workshop:

- A direct collaboration between the chassis provider and the RV companies is essential to achieve maximum sustainability and it presents genuine opportunities to disrupt the industry
- The RV requires interface adaptation, intelligent vehicle data access, and effective HVAC and thermo management systems. Using an OEM cab chassis as-is is inadequate. Proper insulation is crucial, smart cooling/heating zones are needed. Design considerations for waste management and fresh water systems are also essential
- Time is of the essence. The industry has made minimal progress, with many initiatives faltering before they gain traction. Upcoming regulations pose a significant challenge if the industry is not adequately prepared



Pioneering innovation paves the pathway to establishing the benchmark in leadership

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## Cab Chassis & RV Housing with Innovative Solutions, Disrupting the Industry



- The modular concept (protected packaging) allows for flexible integration of new technological advancements
- OTA (Over-The-Air) updates, real-time data, user data provisioning to RV company, remote control, remote service, theft protection, possibility of a proprietary RV User software application and allowing to introduce SAAS
- Bi-directional charging (Vehicle-to-Grid (V2G), Vehicle-to-Home (V2H))
- Diverging from tradition, our unique modular cabin design allows for customized corporate identity integration, setting us apart in the market

- 70 cm (!) more space within comparable length
- Smart heating zones system, heat pump
- Modular room layout
- Industry's fastest charging
- Super lightweight and aerodynamic construction enables maximum range
- AI Integration to provide a premium User experience



70cm more space within comparable length



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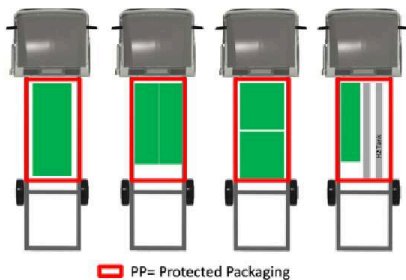
## ERVP Project Overview



### How to get There

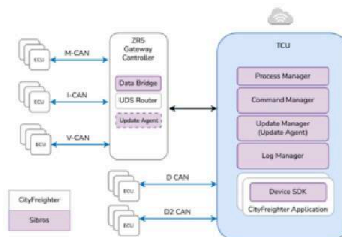
We're leveraging our Beta vehicle as a foundation, modifying the chassis to meet the requirements. The driver's cabin design will be optimized for aerodynamics. From the outset, we'll utilize stamped parts to facilitate seamless production scaling. Crucially, we'll reserve space (protected packaging) to flexibly accommodate future technological advancements without necessitating chassis changes. This approach ensures long-term usability and maximum sustainability.

With constant evolution in battery weight and performance we expect a pure BEV to rapidly see increase in range. Our modular design will adapt to that — **Protected Packaging**



PP= Protected Packaging

In partnership with a well known Player, we're creating a gateway structure for a functional IT and OTA system. This allows real-time vehicle data retrieval for updates and control via a mobile app



Basic Requirements:  
Range: > 250 miles  
DC Charging: 30 Min 20% to 80% SoC > 170 kW  
Battery: LFP, 800V System  
Max Speed: 70 mph  
Empty Weight Cab Chassis: < 2500 kg

The performance relies mainly on:

- Lightweight Design in all parts & Aerodynamics
- Battery Size + Technology
- Intelligent Thermal Management
- Motor Technology



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## ERVP Project Overview

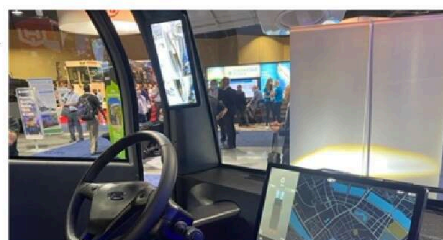


### Modular System Architecture

Similar to Tesla's setup, our intelligent cloud access enhances the entire system. Excitingly, we're integrating AI into vehicle telematics for an elevated driving experience

#### Dashboard

- 15"6 Center Touchscreen
- Navigation (3rd Party Integration)
- Optional add-on Digital Instrument Cluster
- Displaying ADAS messages and video inputs



#### In-Vehicle Infosystem

- Android Auto, Apple Car Play
- Audio & Radio
- Phone Book
- Navigation
- Camera
- HVAC Controls
- Bluetooth, USB & WiFi



#### Cloud

- Over-the-Air Updates (OTA)
- Remote Controls
- Remote Diagnostics & Monitoring
- Telematics Applications



Optional, we can add a second display (e.g., heads-up) if required

#### Mobile

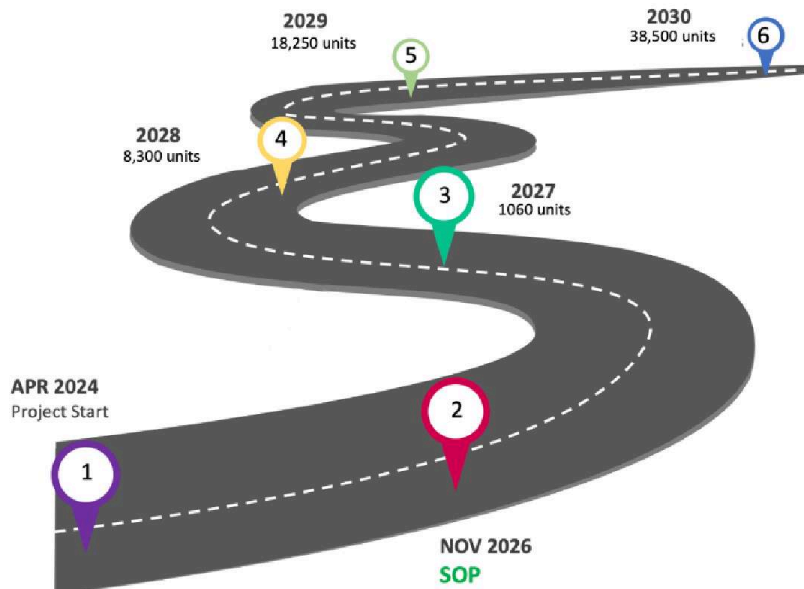
- Android and iOS Support
- Mobile Keyless un/locking
- Immobilisation
- Remote HVAC Controls
- Vehicle Information & Triggers
- Charging Options

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## ERVP Project Overview



### Production Roadmap



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*Forward-looking statements are not guaranteed.*

## ERVP Project Overview



### Building the ECO System



CAAS Charging  
as a Service



Our electric platform is engineered to support industry-leading fast-charging speeds, ensuring minimal downtime and enhanced convenience for users. The vehicle's design includes sophisticated on-board navigation systems that not only guide users to the nearest charging stations but also provide real-time information on charging availability and speeds. This system is intricately designed to manage battery preconditioning, optimizing the battery's temperature for efficient charging.

In addition, the navigation could integrate intelligent features that anticipate the needs of the traveller, such as indicating the nearest campgrounds with the estimated charge remaining upon arrival. This predictive capability ensures users can plan their stops effectively, blending travel with necessary charging intervals seamlessly. Like Tesla, we intend to optimize the journey not just point a to point b travel.

Our project goes beyond vehicle design to improve campground charging infrastructure. We plan to host discussions with industry players on adopting new technologies like solar-powered charging stations, aiming to create a more sustainable and reliable network for electric vehicles in recreational travel.



## ERVP Project Overview



### Project Organisation and Team Structure

Exceptional TEAM with hands-on and out-of-the box thinking mentality



**Michael Schoening**  
Founder and President CityFreighter  
Inc. and CEO of CityFreighter Europe  
GmbH  
  
Visionary Leader and  
Serial Entrepreneur  
  
Experienced in turning  
vision into reality and  
setting up global  
manufacturing



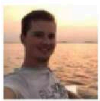
**Frank Grossbude**  
CTO  
  
30 years in automotive  
with hands-on mentality  
He has extensive Leadership  
experience and deep  
knowledge about automotive  
electric applications and  
integration into automotive  
EE systems



**Martin Poeloeskey**  
Project lead EEDS  
  
Certified Engineer  
Longtime automotive  
experience ADAS and  
EEDS at Daimler, Ford



**Laszlo Kovacs**  
Project lead High Voltage  
System and VCU  
  
Certified Engineer  
Long term experience  
in automotive software  
and electronics  
development (e.g.,  
Bosch)



**Robin Jansen**  
Project Lead UI/UX  
Development  
  
Soft- and hardware  
development  
  
Worked on multiple  
automotive EV projects



**Adriaan Gerber**  
Project Lead Chassis  
Engineering  
  
Specialist lightweight  
structures, Warwick  
University  
  
Experienced working at  
Morgan, Lotus,  
Lightyear



**Jake Thygesen**  
Project Lead Wire  
Harness  
  
Specialist in  
automotive electronics  
and wiring  
  
Worked for companies  
like Red Bull, Lear Corp



**Imran Irshad**  
Project Lead ADAS,  
EEDS & Infotainment  
  
Master of Science  
University of Hull  
  
Ten years+ automotive  
development, HMI, and  
Infotainment (e.g.,  
Aston Martin)

## ERVP Project Overview



### Advisory Board



**Josef Hjelmaker**  
Three Oaks, Michigan

Josef is senior executive with more than 22 years of experience in various leadership roles globally, whereof 18 years in the automotive space (e.g., Delphi, Thor Industries), and with a strong track record of delivering strategies, profitable, qualitative programs and products



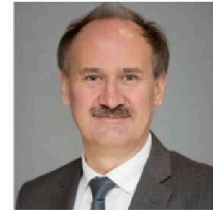
**Paul Rivera**  
Phoenix, USA

Paul is a "Hands-on" leader with a proven track record in publicly traded corporations (e.g., CEO of ElectraMeccanica and President Northern America of Ricardo) focused on the automotive and alternative energy space. He negotiated numerous contracts with automotive OEMs and government agencies



**Russel Khanuk**  
New Jersey, USA

Russel has more than two decades of experience in finance at top Wallstreet corporations. In 2017 he ventured into logistics to build a transport company with over 10 locations and 1000 employees



**Markus Nünnerich**  
Germany

Markus has been a leader in the financial services industry for more than two decades. He served as a chief executive for a subsidiary of Postbank AG, a 100% subsidiary of Deutsche Bank AG, for more than eleven years. He brings together corporate finance with the logistics sector, FinTech, and innovation to support the transition of different industries to sustainability



## ERVP Project Overview



**Yes, we can!** The path to vehicle production is fraught with complexity, and many start-ups have faltered here. However, we're at CityFreighter charting a distinct course. Eschewing the rigid, costly structures of traditional OEMs, we're not focused on inflating our ranks or frivolous expenditures. Instead, our strategy hinges on forging synergies with select Tier 1 partners, leveraging their mastery and infrastructure. This partnership places us at the helm as



project orchestrators—integrating the already available components into a cohesive whole. Our approach streamlines the process, reduces costs, and accelerates time-to-market through advanced software simulations. The core of our ethos is collaboration with agile, forward-thinking partners, and maintaining transparency through every stage—from design and manufacturing to our inaugural customers. We're not just building vehicles; we're cultivating an ecosystem of innovation. Our core principle is flexibility, working transparently from design to delivery. Our fully functional proof of concept in 2018 and beta version in 2021 validate our innovative model.



Thank You!



## The Future Begins Now!

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First Road Test CF1 OCT 21



Watch later



Share



Watch on  YouTube



CF1 in Paris



Watch later



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