



**Accelerating the Shift Towards Sustainable Mobility
in Residential Buildings**

Partnership Proposal

Introduction



By 2035, every car sold in North America will be electric. Zoning by-laws are already requiring new developments to account for EV charging. However, multi-unit residential buildings currently lack the space, electrical infrastructure, and managerial expertise needed to support this transition. With 90% of EV owners charging at home, this poses a significant challenge.

To establish appealing, sustainable living spaces that stand out in the market, buildings must prioritize EV charging as a fundamental amenity. Residents of multi-unit buildings deserve a reliable charging system. Depending on public parking spaces for charging won't be enough.

Objective

We seek to collaborate with a real estate developer or property management group to secure a grant from the Ontario Vehicle Innovation Network (OVIN) R&D Partnership Fund. This partnership aims to accelerate the shift towards sustainable mobility by tackling the complexity, cost, and managerial challenges associated with installing and operating EV charging infrastructure in multi-unit residential buildings.

- Arms length partnership**
- Optimize Infrastructure**
- Future-Proof Your Property**
- Up to \$1M Co-Investment**

Scope

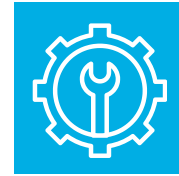
The project consists of **a)** the assessment and necessary retrofitting of the electrical infrastructure needed to support Level 2 EV chargers within the participating buildings and **b)** the deployment, validation of and demonstration of JPlug's advanced EV charging technologies.



What we do

Our advanced charging network helps property managers and residents reduce the time and infrastructure cost required to install and manage EV chargers.

- **Smart Charging:** Optimizing charging schedules based on demand and grid conditions.
- **User Management:** Efficiently managing user access and permissions.
- **Load Management:** Balancing power distribution to prevent overloads and deliver faster charging.
- **Dynamic Pricing:** Adjusting pricing based on demand and time of day.
- **Station sharing and access to other networks:** Reducing the number of chargers you need to install.
- **Billing, Managing and Reporting:** Simplifying payment processes, ensuring the network always works and offering transparent usage reports.



Hardware Agnostic



Easy and Remote Setup



A Managed Service

How you benefit

Financial support

We cover up to one-third of eligible project costs.

Access Innovation

We keep up-to-date with technology so you don't have to.

Save Time

Deploy charging stations at a fraction of the time.

Competitive Advantage

Offer a cutting-edge amenity in your buildings. Keep your residents satisfied.

Publicity

Involvement in this high-profile R&D project will generate positive publicity and strengthen brand recognition.

Meet Targets

Align with social responsibility goals and enhance green credentials.

Ev Charging is a Must-Have Amenity

90% OF THE TIME ELECTRIC VEHICLE DRIVERS CHARGE AT HOME.

90%

BY 2035, ALL CARS SOLD IN CANADA WILL BE ELECTRIC.

2024 ————— 2035

Meet the team

JPlug was founded by people passionate about **autonomous electric mobility**.



JORGE PANTOJA
FOUNDER & CEO

- Aerospace Engineer.
- Serial entrepreneur.
- 10+ years of experience in the autonomous electric vehicles industry.



CARLOS ILLINGWORTH
CO-FOUNDER & CRO

- MBA in Financial Management.
- Extensive background selling to the construction industry.
- 10+ years of experience in diverse start-up environments.



DIEGO LUCES
CTO

- Computer Science Engineer.
- Migrated previous tech startup to Microsoft.
- 10+ Years of experience as a Software Developer.

Some of our partners:

