



Victoria Gardens

Electric vehicle fast charger
installation proposal

Prepared for Vicinity Centres, 16th September 2019

Electric cars are coming and they need somewhere to charge

The Australian Renewable Energy Agency (ARENA) estimates that there will be **670,000 EVs on the road in Australia by 2025 and 1,300,000 EVs by 2030**. ARENA also estimates Australia will need over **28,000 rapid charging stations by 2040**.

70% of those surveyed by the Australian Electric Vehicle Council say that **availability of public fast charging** is more important than workplace or public standard charging.

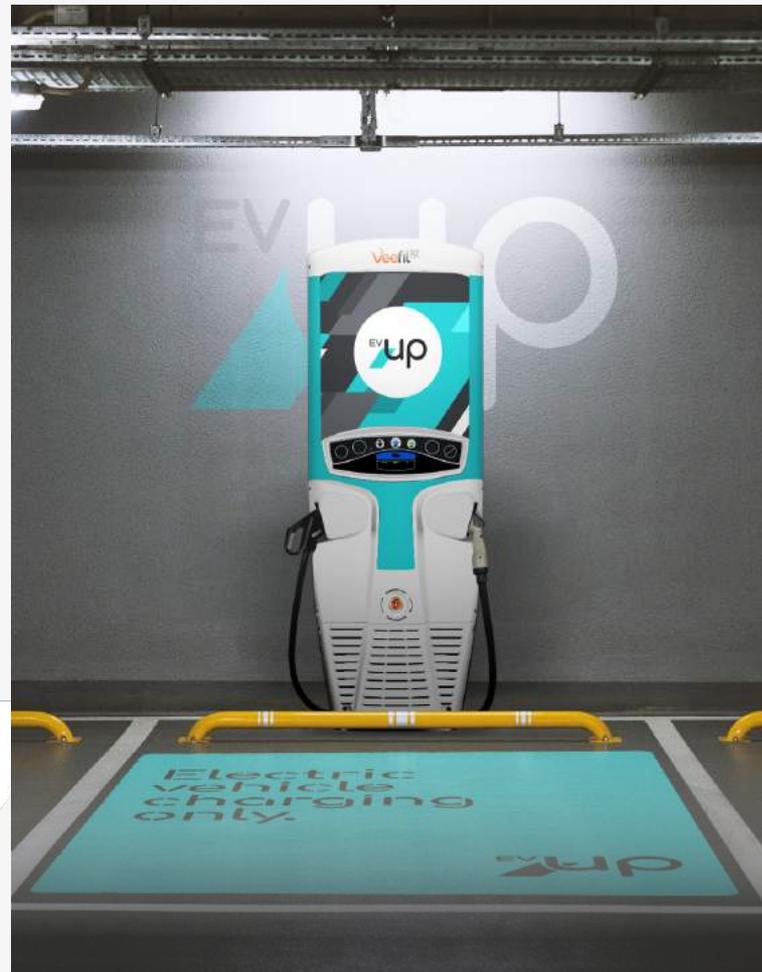
Vicinity will benefit from the electric vehicle revolution

- Attracts high income individuals due to the up-front cost of an electric versus petrol vehicle.
- Increase customer dwell time as they hang around whilst vehicle charges.
- Make your property a destination as EV owners will plan journeys via the locations of fast chargers.
- Demonstrates your action on tackling climate change.



EV Up is building the infrastructure to support EV drivers

- Founded by passionate EV owners.
- Frustrated by lack of fast charging infrastructure across Australia.
- Aim to install hundreds of fast chargers nationwide.





EV Up's Business Model

- We partner with property owners to install fast EV chargers on their sites and share the capital expense.
- EV Up sells access to charger per kWh to EV drivers. A typical charging session consumes 20kWh.
- Property owner is reimbursed for electricity consumed by EV Up charger and benefits from EV drivers visiting premises.



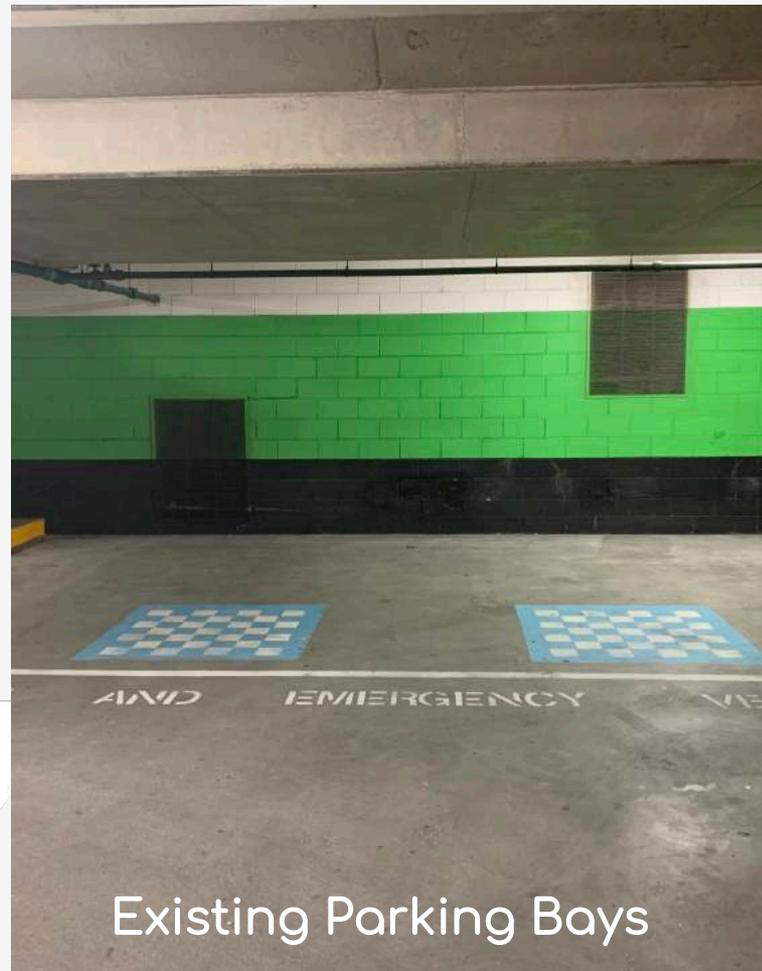
Victoria Gardens ticks all our boxes!

- ✓ Car parking
- ✓ Toilets
- ✓ Food
- ✓ Safe
- ✓ Activities
- ✓ Inner-city

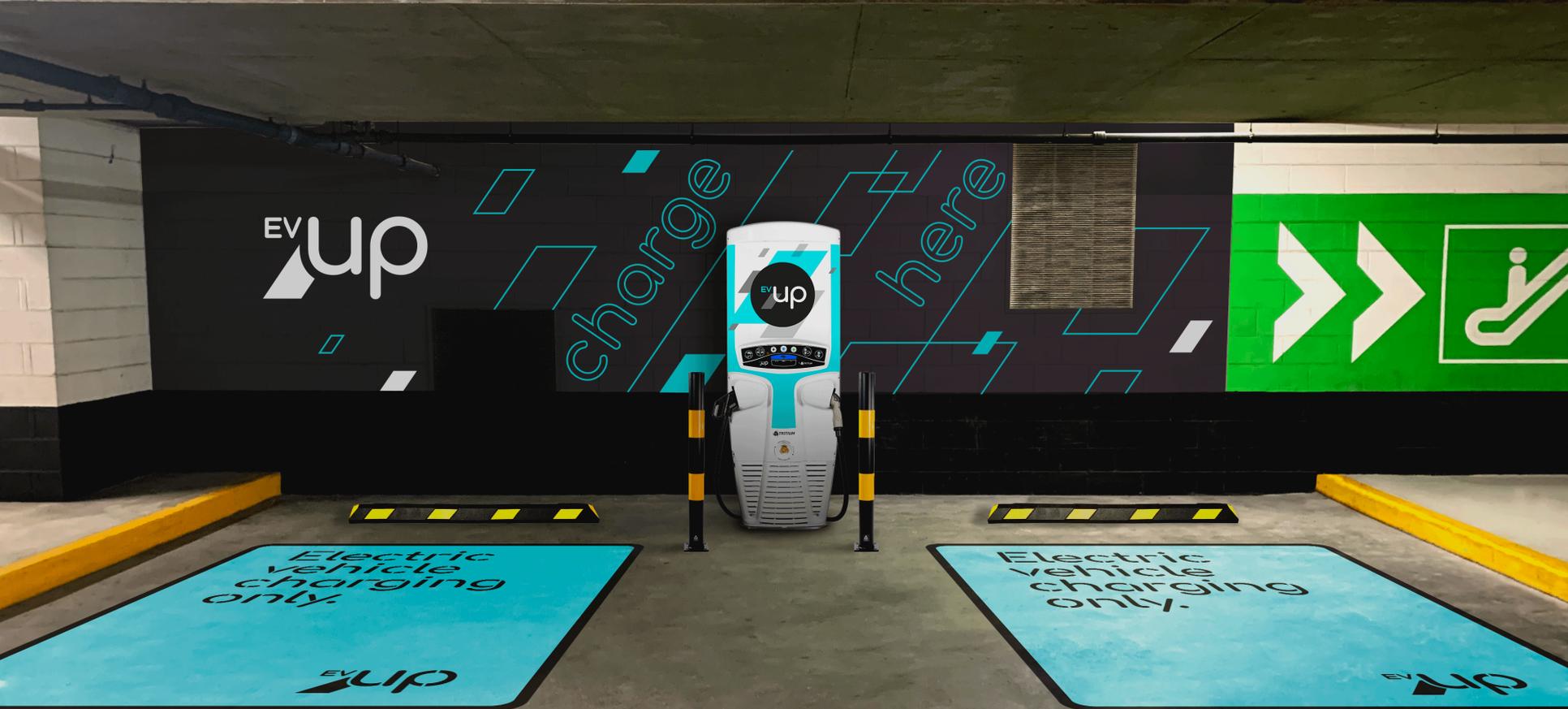


Proposed Location of Charger & Install Costs

- Level 1, in former emergency services bay
- Vicinity's contribution for installation - **\$9,370 + GST**

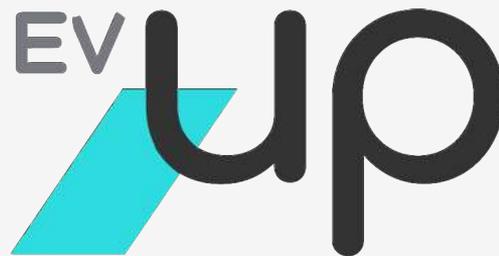


Existing Parking Bays



Proposed Charging Infrastructure

Our Relationship



- Provide dedicated car park stall for charger.
- Access to car park for charger install.
- Payment for charger installation.
- Reliable supply of electricity to charger.
- Notice of interruptions to charger operations.
- Purchase & install of charger.
- On-going maintenance & operation of charger.
- Customer support & billing of charger users.
- Monthly payments for electricity consumed.
- Promotion of Vicinity & EV Up's partnership.

Sustainability & Innovation Benefits

- Electric vehicle chargers are a tangible and practical demonstration of commitment to your sustainability strategy.
- EV Up is ready to assist in making sure that demonstration is broadcast and recognized in the community.



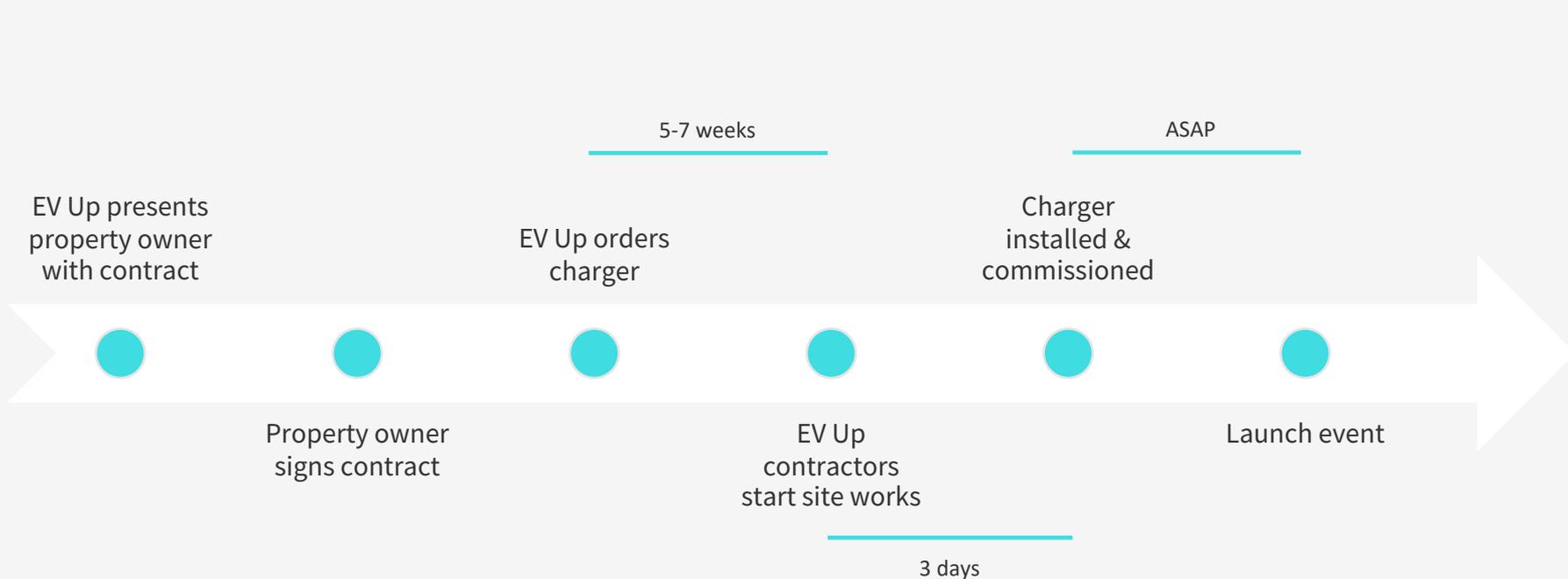
Media & community engagement

- Range of EVs available for photoshoots on request
- Interviews available with EV Up founders to discuss partnership
- Local auto industry outreach
- Local media engagement (tech, green & auto press)
- Launch event with media
- Collaboration with Vicinity to develop joint communications plan as desired



Example: NRMA Charger Opening

Indicative Timeline





Questions?

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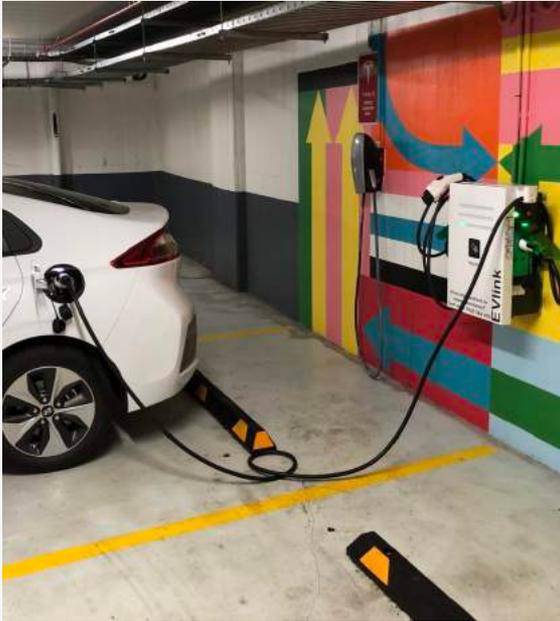


Appendix: Public EV Charging Methods

AC/Slow
7-22kW

\$3,000 - \$6,000

20km range per 30 min
Usually installed privately



DC/Fast
50-100kW

\$40,000 - \$70,000

200km range per 30 min
Installed by EV Up



DC/Ultra
300kW+

\$1m - \$3m

200km range per 10 min
(not all EVs support ultra)

