
Community and Stakeholder Engagement Report

Charge Ahead! EV Charging Locations (Stage 1 of 1)

Idea Gathering Period: 20 July to 3 August 2022

Contents

1.	Summary.....	2
1.1.	Key outcomes	2
1.2.	How we engaged.....	2
1.3.	Who responded.....	3
2.	Background	3
3.	Engagement objectives	3
4.	Engagement approach	4
5.	Findings.....	4
5.1	The map.....	4
5.1	The Survey.....	4
	Appendix 1 Verbatim community and stakeholder responses	6

1. Summary

This report outlines the outcomes of community and stakeholder engagement as part of a proposal to identify and provide more electric vehicle (EV) charging locations on the Northern Beaches.

This stage of engagement focused on gathering ideas from the community for additional charging locations. Idea gathering was undertaken between 20 July and 3 August both online and onsite at the NRMA Expo held in Ku-ring-gai between 23 and 24 July 2022.

The feedback collected during consultation indicated support for additional EV charging locations across the Northern Beaches. Supportive comments highlighted the anticipated benefits for all users, as well as the need to expand the network.

Locations provided on the map and in comments, were weighted toward tourist destinations, shopping centres, Council owned car parks, beaches and parks as the key locations to install EV charging on the Northern Beaches.

Respondents who were not supportive commented that we should not be seeking advice of EV charging locations from the community, it should be left to the professionals/technical assessments. Others commented on Council’s involvement in providing access to public land for EV infrastructure.

1.1. Key outcomes

 Total idea responses	203 ¹	
 How responses were received	Social Pinpoint idea gathering tool	Number received: 203
 Feedback themes	Top 5 suggested locations: Local shops Carparks	Shopping Centres Beaches Reserve car parks

1.2. How we engaged

	Visitors: 876	Visits: 1,045	Average time onsite: 1 min 35 sec
---	---------------	---------------	-----------------------------------

¹ There were 205 responses – not all suggested a location or made a comment. Many respondents provided more than one suggestion. Some respondents voted on other suggested locations and comments.

Have Your Say: visitation stats			
Social Pinpoint - Map	Visits: 761	Comments: 203	Average time on site: 2 min 41 sec
Social Pinpoint - Survey	Survey completions:		11
 Electronic direct mail (EDM)	Community Engagement (fortnightly) newsletter: 1 edition		Distribution: 23,000 subscribers
	Council (weekly) e-News: 1 edition		Distribution: 180,000 subscribers
	Stakeholder email: 1		Distribution: 385
 Face-to-face sessions	Pop up / Drop in: NRMA Expo 23-24 July		~100

1.3. Who responded

Demographic data was not requested or collected from the community at the NRMA Expo or online via the Social Pinpoint tool.

2. Background

Our Move – Northern Beaches Transport Strategy (2019) includes support for the introduction of new technologies and infrastructure for electric vehicles.

It is anticipated that electric vehicles will dominate the roads in 2038 and charging of these vehicles will mostly occur at home but charging facilities will also be needed for those living in apartment buildings which do not have access to charging facilities.

Community engagement sought to understand where the community would like to see more EV charging available. Our objective is to provide access to infrastructure, for on and off-street parking to support more fuel-efficient vehicles and electric vehicles.

Providing support for EV infrastructure will assist the implementation of electric vehicles in Australia, while supporting the tremendous change to our lifestyles. Providing additional EV charge locations will help to make clean transport the natural choice for our community.

3. Engagement objectives

Community and stakeholder engagement aimed to:

- engage with the community to find out where they thought we should put EV charging infrastructure that could be widely used by all
- identify community and stakeholder concerns, local knowledge and values
- seek out and facilitate the involvement of those affected by or interested in the project.

4. Engagement approach

Idea gathering for EV charging locations took place over a two week period between 20 July and 3 August.

Our Transport and Greener Communities teams took part in the NRMA Drive Days and Expo held on 24 and 25 July 2022 at Honda Australia Roadcraft Training (HART) in St Ives.

A project page was established on our have your say platform with information provided in an accessible and easy to read format.

Feedback was captured through an online interactive tool (Social Pinpoint) which allowed the community to drop a pin and (optional) comment on a location embedded onto the have your say project page.

An optional survey was available on the Social Pinpoint site to provide further information on community aspirations and demographics.

We invited participants at the Expo to drop a pin on the map showing us exactly where they thought we should implement a charger and why.

The engagement was planned, implemented and reported in accordance with Council's Community Engagement Matrix (2017).

The project was primarily promoted through our regular email newsletter (EDM) channels.

Email and written comments were also invited.

5. Findings

5.1 The map

The feedback collected during consultation indicated a high level of support for the proposed EV charging infrastructure across various locations in the Northern Beaches LGA.

Our community suggested various locations including Local Shops, Beaches, Council car parks and local parks being suitable locations for EV charging infrastructure. Many respondents provided multiple location recommendations.

Voting on a suggested location was enabled. The map allowed 'Up Votes' and 'Down Votes' with 18 locations receiving up votes. There were 205 up votes in total. Four locations received down votes. The total volume of down votes was 22.

For example, a suggested location with the comment 'Boat ramps, beaches, parks and harbour pools are perfect locations for chargers' received 38 up votes. 'Near Dee Why beach' received 16 down votes however it also received 11 up votes indicating that the suggested location has mixed support.

5.1 The Survey

The survey was completed by 11 participants. The survey respondents were both EV owners (55%) and non-EV owners (45%).

While survey response volumes were low compared to location ideas, the general indications of the responses provided showed the following:

- Respondents were mixed - both EV owners (55%) and non-owners (45%)
- Of the EV owners, most charging is done at home (71%)
- The key challenge to ownership of an EV was cited as 'not enough infrastructure' (86%)
- The key barrier facing EV owners was cited as 'knowing where charging stations are located' (71%)
- Knowledge of existing public EV charging locations in the Northern Beaches was roughly 50%.

Table 1: Issues, change requests and other considerations

Theme	Issues, change requests and other considerations raised	Council's response
Location	Various locations were suggested via the Social Pinpoint engagement tool.	<p>Once we complete collating the ideas from the Expo and this page, we will create a list of the best candidates for EV charging locations.</p> <p>It's important to note that not all location ideas are considered due to required criteria such as access to power and parking spaces.</p> <p>The list of candidate locations will be used to engage with EV infrastructure providers as part of a tender process before committing to any works. We will consult with the community again before finalising proposed locations, providers, and any possible implementation timeframes.</p> <p>There are certain requirements that need to be available to enable EV charging at a location. We call these the selection criteria. Some of these criteria's are access to available power source close by and ability to park to convert an existing parking space. As such not every location suggested by the community will be a good candidate for an EV charging location.</p>

Appendix 1 Verbatim community and stakeholder responses*

Street name	Comment	Category
Allambie Road	Allambie shops. Current parking spots. Many people use this area	Shops
Peronne Parade	Current parking used by people going to coffee shop, chemist and Dr surgery. Ideal location	Shops
Skyline Shops	In the parking area behind the Skyline shops to provide charging for shopping customers and local residents.	Shops
Allambie Rd Shops	Fast charger needed- close to school, shops,	Shops
Avalon Parade	Council Car Park - Bowling Green Lane	Car Park
Barrenjoey Road	Plenty of parking. Charge your car and take the bus to the beach !!park ev to charge and walk short distance to all Avalon business's	Car Park
Marine Parade	Ideal place for summertime visitors	Car Park
Old Barrenjoey Road	Council car park outside woolworths.	Car Park
Old Barrenjoey Road	Near the Avalon shops on Old Barrenjoey, but just far enough away so as not to create congestion. Several charge points together.	Shops
Avalon Parade	Could be get a charger in the Avalon car park (off Avalon Parade, opposite the RSL club)? Avalon is a spot where lots of visitors stop on the weekends. This would also promote people shopping locally.	Car Park
Roseberry St	Place EV charger in Woolies carpark. Large number of people park here so would be ideal for more than 1 charger	Shops
Totem Shopping Centre	Large shopping car parks in the back corner where others don't park.	Shops
Sydney Road	chargers need to be somewhere with accessible parking. Sydney Rd shops in Balgowlah difficult due to parking demand and limits. I suggest the parking area near the cemetery (or somewhere similar where parking is not premium). We only have street parking. is there a way to accommodate power to the curb so we can charge at home? Homeowner pays for installation? Or maybe on power poles with charge per charge?	Street Shops
Roseberry St	Every large business with parking should have 4 EV charging stations per level	Business
Roseberry St	Why it place 4-8'ev chargers in the car parks of all the woolworths , coles and aldi supermarkets. It is one of the most perfect places to charge up. Do your shopping and charge up. Also in each section of the car parks at the warringah mall. Also using power poles in on st parking and or at bus stops not being used at night.	Shops
Sydney Road	Balgowlah RSL Council Car Park	RSL Carpark
Sydney Road	Around the shops along Sydney road (or better still the car park behind Vinnies) would be encourage people to stop and shop at their local business community by providing free EV charging. The big centres eg westfield and stockland already attract customers with free EV charging.	Street Shops

*Personal details and inappropriate language have been redacted where possible. Spelling and grammatical errors have been amended only where misinterpretation or offence may be caused.

Condamine St	Near corner of Condamine St and Beach lane- close to exercise, dog walking, coffee shop, toilets, kids' playground.	Parks
Clontarf Marina	Near Clontarf Marina/Sandy Bay which has a good coffee shop as well as being a very popular spot in summer for swimming, dog walking etc.	Parks
Beatrice St	Near the Balgowlah Heights shops please. A lot of people go here for a quick top up of food, so maybe not right next to a shop as car turnover for them is fast.	Street Shops
Pittwater Road / Ferry	Charge car while having a coffee or lunch	Parks
Pittwater Road	At boat ramp where theres lots of space	Parks
Winneremy bay Reserve	Council Car Park next to High School	Parks
Pittwater Road	Dog parks and boat ramps are perfect places for charging	Parks
Dawes Road	There is a service station on Forest way corner of Dawes Rd Belrose. A good location for EV recharging. It is near a major cross street & lights at Hews Parade and Forestway. Belrose Club and Belrose Hotel in close proximity, and Forestway shops and Glenrose Village as well as servicing the Belrose community and those that lead up to the Supa Centre. Frenchs Forest and Davidson suburbs also close also.	Service Station
wyatt Ave	One or a few at Wyatt Reserve may be a good option. You have the oval of course with sport on weekends but also the new to be installed pump track next to the school.	Parks
Narabang road	Super centre Car Park - All levels	Shops
Beach Parking	Close to SLSC - allows members on patrol to charge up/	Beach
Plateau Road Shops	EV Charging site outside shops	Shops
Pittwater Road	At key junctions like Warringah Rd and Pittwater, it's about how quickly a car can charge. Eg 100kms in 10 minutes. These super fast chargers will be used by a lot of people per day for the one asset effort	Shops
Warringah mall	It would be very convenient to be able to charge my car while shopping at the mall.	Shops
Green St	Green St Grocer Carpark would be helpful for a station.	Shops
Winbourne Road	Winbourne Estate - 2-3 charging stations. Plug in while at the gym, climbing, at music lessons etc in this area.	Business
Warringah mall	A working ChadeMo or Type 2 EV charger in Warringah Mall would be great. Currently the existing ones are consistently malfunctioning.	Shops
Pittwater Road	Council Car Park behind Brookvale Shops. It's also a 2 hour limited car park, so people cant hog the charge point.	Council Car Park
Warringah Mall / Pittwater Rd	Have just been in UK where we hired EV for a month - they have great infrastructure. Every shopping mall car park has banks of parking spaces exclusively for EV who want to charge. An app lets you know how much you have charged so you can check on progress of your car whilst in the shops. Works much better than one or two on side of the road where queuing / availability can be an issue.	Shops
Warringah Mall	Warringah Mall. A shopping mall is an ideal place for EV charging. Plenty of parking. And you can't beat the convenience of a mall's having so much choice for what	Shops

	to do while your car is charging. Coffee, picking up groceries, shopping...	
Warringah Mall	Warringah Mall. There are already a small number of chargers there, but the number of visitors is huge so more are essential.	Shops
Church Point Reserve	Ev charging would make a huge impact for the sustainable conscious demographic in this area. Several charging points to allow charging in different areas would be greatly appreciated	Parks
Church Point Reserve	It would be useful to have several electric car charging points as people in the offshore community would then be able to go electric	Parks
Church Point Reserve	It would be useful to have an EV charger in the Church Point car park	Parks
Mccarrs Creek parking	We have a leased parking place in this council parking facility and would like to charge our EV in this location	Church Point Car Park
Long Reef Golf Course	At the golf course	Golf Course
Long Reef Golf Course	Great spot to charge whilst enjoying the beach.	Golf Course
Collaroy Beach	Charging Point	Beach
Stuart St	The beach side of Stuart st is already up for a proposal to implement a time limit on parking, why not add EV charging stations at the same time.	Beach
War Veterans	RSL Village. 700 retirement residences. Plus workers, child care centre, visitors. Lots of roof space for solar panels	Nursing Home
Veterans Parade	I have owned an EV for 3 years. I have no charge facility at my house and use the public charging facilities the PCYC in Dee Why and Warringah Mall. My view is that new charging stations should be located at shopping malls, beaches, gyms - places where people already congregate for hours at a time - and not on busy streets. Warriewood Square and the Augusta Shopping Centre are two examples of places where charge stations should be built urgently. Congratulations to Council for this initiative.	Shops
Collaroy Park	Council parking adjacent to the park, easy access.	Council Car Park
St Matthews Farm	Suggested location is on Council managed land and is a convenient location for residents in the neighbouring suburbs.	Parks
South Creek Road	Great location. Row of shops.	Street Shops
Carawa Road	Row of shops. Road is not too busy.	Street Shops
Pitt Rd	Having a charger near key public infrastructure like schools, libraries and bus stops is an excellent idea. This location also has a large electrical box so is likely supplied by excellent pre-existing power cables.	School
Abbott Road	At the back of the creative space car park which always seems to have spaces. Abbott Road. At the edge of one of the car parks on the curl curl beach side. Can I ask who will be paying for this - JOLT or the council and is the electricity going to be free for the first 15 mins in the long term. It seems subsidising the wealthy people who can afford EV's and injustice to people who can't afford	Parks

	to buy an EV. PS I support EV's but it is the principle behind this.	
Davidson Park Reserve	Whilst enjoying a walk or picnic at Davidson Park	Parks
Glen St	We use the Warringah mall charging station whenever we go there. Main problems being (1) it's often full and (2) we don't go to Warringah mall very often! One at glenrose village would be amazing. Shopping centres are a super handy place to have them	Shops
Glen St	Glen Street theatre carpark could be more suitable than the shopping centre unless the owners are prepared to have a charging station on private land	Council Car Park
Glen St	EV charge station at glenrose shops	Shops
	I suggest they are installed in areas of high density living such as Dee Why, so locals living in apartments can have access to EV charging so as to promote electric vehicle ownership.	Residential Area
Dee why Area	I have traveled in an electric vehicle 3 times in the last 4 weeks to the northern beaches and am very surprised that there are no 'Tesla Super/quick chargers' in the Dee Why area (or surrounding area to Palm Beach). If you want to encourage electric vehicles a lot more effort needs to be put into providing charging stations. The one in Pacific Pde Dee Why, is apparently run by 'Volta'; is a parking space only for a single car (how ridiculous); and didn't work for us on the weekend just gone.	Shops
Howard Ave	In the parking underneath the new Woolies	Shops
Mooramba Road Carpark	Should add another Jolt charger to the Ausgrid box in the Mooramba road council car park. The box is right next to existing car spots.	Parks
Dee why Beach	Near Dee Why Beach	Beach
Dee Why Beach	Beach	Beach
Pittwater Road	Dee Why Grand - Sub-basement car parks	Shops
Off Wakehurst Parkway	Lots of weekend use by mtb riders and dog club folks, would be great to be able to charge up the car while recreating!	Parks
Kalang Road	Starkey St commuter stop. Good place for people to charge while they take public transport	Shops
Kalang Road	EV charger in Elanora Shops	Shops
Kalang Road	EV charger in Elanora Heights shops as next closest locations are Mona vale then Dee Why or Brookvale. Will encourage users to spend time and visit shops and cafes in the area.	Shops
kalang Road	Suggested location for EV charge point - Kalang Rd Elanora heights (close to the shops)	Shops
Griffiths St	I have heard it's easy to place chargers beside large green electrical boxes. There is one here.	Residential Area
Sydney Road	Charge car while at Fairlight shops (doctor, vet, cafes)	Shops
Duke St	A very useful central point for locals in Forestville.	Parks
Melwood Oval	Plenty of space in the Melwood Oval parking area for a few charging points. Would be very useful to people across the Northern Beaches given the park is used by so many.	Parks

Forestway Shopping Centre	Tesla supercharger at Forestway shopping centre	Shops
Lionel Watts Park	At the dog park car park, whilst exercising dogs.	Parks
Aquatic Reserve	A lot space with good access, charging while swimming.	Recreational Centre
Grace Ave	A very heavily used area for a good cross section of the Northern Beaches and also in a very accessible location for large numbers of commuters.	Parks
Forestway Shopping Centre	At Forestway Shopping Centre At Warringah Mall At Tuscan Place Beacon Hill as there is no public transport down there and the disabled and elderly are isolated otherwise.	Shops
Frenchs Forest Rd East	Opposite skyline shops is an excellent location for people near the hospital, transiting up warringah road, or across the parkway. I was getting low on charge the other day after a visit to the hospital and needed to drive all the way to North Sydney where the chargers were underground and not working! It will help fuel business at the skyline shops while we wait. Super charge please!	Shops
Forestway Shopping Centre	Carpark area near Forestway shopping centre	Shops
Dowling St	Great location but the Jolt chargers aren't compatible with Type 1 sockets which many people have (like me!), most older EVs like the Mitsubishi PHEV can't use these changers. Some different varieties would be good (EO maybe) or universal chargers please	Shops
Harbord Road	2-4 EV charging stations at all public carparks	Council Car Park
Freshwater Beach	At the beach	Beach
Freshwater Beach	4-5 fast chargers in the refreshed Freshy Carpark plan would be great. So people don't have to wait for one.	Beach
Moore Rd	Should be part of the freshwater redevelopment plan	Shops
Glen St	It would be very convenient to have a charger at out local shops at Glenrose.	Shops
Glen St	Great location for theater or library visits. Also easy accessible if wanting to have a cuppa or go shopping.	Council Car Park
Garigal National Park	Chuck one here for my 4x4 EV bro!	Recreational Centre
Melwood Avenue	A key location with adequate parking between the Primary, High School, preschools and local shops.	School
Manly CBD/ Car Parks	Urgently needed in Manly CBD area ASAP One of car parks for example Peninsular Car Park.	Shops
North Steyne	Take 4-6 bays In front of the beach and add fast chargers. Number of bays is important so people can rely on them. An example of this is the single charger in Mosman council that is always busy, therefore one cannot rely on it and becomes a source of anxiety. Learn from Tesla and install many chargers per site.	Beach
North Head Scenic Drive	We need at least one charging station on the Eastern Hill. There are well over a thousand homes here, including many units, and at the moment we would have to drive several km to find a place for charging. While charging in the Village would also be convenient, these stations will undoubtedly be used by tourists with much	Parks

	competition. I would have no objection to paying a fee but convenience is important.	
Little Manly beach	Boat ramps are great places for charging	parks
Gilbert St	2 parking spaces here easy access for EV station, out of the way and could service multiple apartment blocks in the area. Currently they are 30min parking spot I think.	Residential Area
Old Manly Hospital site	The redeveloped Manly Hospital site would be a good place to have a public EV charging point because the redeveloped site will attract more people into this area. The redeveloped Hospital site will have cafes and other facilities that drivers can use while their EV is charging.	Parks
Addison Road	Addison Road, near the corner of Darley Road, is central to high density living on the Eastern Hill. Many of the older apartment blocks in this area do not have any facility for charging an EV: they don't even usually have a powerpoint in garages (and many don't have garages at all). So the Eastern Hill of Manly needs several public charging points.	Residential Area
Central Ave Car Park	Central avenue car park - provide several charging points.	Council Car Park
Pittwater Road	Harris Farm needs something	Shops
Coles	Public carpark under Coles. 4-8 EV charging stations per Level	Shops
East Esplanade (near Waterworks)	This is a fabulous little beach and great activities for kids but parking is scarce. would happily park the car here for a few hours while the kids enjoyed the beach.	Beach
Little Manly Point	Near Little Manly Beach. Note that the area is being relandscaped soon, and one of the Stuart St houses (which NBC now owns) is to be demolished for public open space. It's also close to Little Manly Point which is popular for exercise and fishing.	Beach
Whistler St	Whistler St Car Park	Council Car Park
Keirle Park	car charge whilst walking dog at Manly lagoon	Parks
North Head	North Head Sanctuary has preschool, school, cafe, environmental education and bushwalks as well as number of small businesses - good parking opportunities and security 24/7	School
balgowlah Road	Graham Reserve	Parks
Shelley Beach Carpark	Shelley Beach Car Park	beach
North / South Steyne	Manly and/or Queenscliff Beach.	Beach
Kenneth Road	Add ev charging to public car park in manly vale	Council Car Park
Campbell Parade	The next gen will all be EV and need to charge at school!	School
Manly Dam	Manly dam would be a great spot. Good parking availability and keeping green spaces green!	Recreational Centre
Manly Dam	4 EV charging stations for MTB Riders while out riding	Recreational Centre

Kenneth Road	Charge car while at gym/swimming	Recreational Centre
Quirk Road	Quirk road is an excellent place to park your car, recharge, and walk to the shops. It can be on or adjacent to existing council property and encourage people to eat, shop or play at the many nearby locations while charging their EV	Parks
Kitchener Park	Great to be able to charge on the weekend whilst at the park	Parks
Mona Vale Hospital	Ev Charging sites near hospital	Hospital
Pittwater Road	Why not make 2 parking spots of the 2 hour parking on the street available for electric vehicle high speed charging.	Shops
Surf Club	Overflow parking area for Mona Vale Surf Club	Beach
Mona Vale Beach Parking	Public car park at Mona Vale beach	Beach
Bunnings Carpark	In Bunnings car park	Shops
Darley St	3 or so in order to charge whilst shopping	Shops
Park St	3 or so would be helpful as could charge car whilst doing grocery shop	Shops
Mona Vale Shops	Offshore residents have no access to home charging so would be great to have chargers at shops to charge while shopping	Shops
Caravan Park	Very popular area for Narrabeen Beach and for caravan park	Beach/Caravan Park
Woolworths Carpark	Near to shops in council carpark. Close enough for people going to beach	Shops
Narrabeen Lakes (Carpark)	Keeping green spaces green. Another great location	Council Car Park
Ocean St	Perfect spot. Few current car spots on the road, central to beach and land.	Beach
Wakehurst Pkwy Lake Carpark		Council Car Park
Carpark	Woolies Carpark Narrabeen	Shops
May Rd	May Road Shops could be an EV Charging location.	Shops
Newport Community Centre	Newport Community Centre - car parking spots on both sides.	Recreational Centre
Royal Prince Alfred Yacht Club	Royal Prince Alfred Yacht Club. Would be good to have one or two chargers here to be used by RPAYC offshore residents or boat owners	Parks
Cheryl Crescent	Outside 55 Cheryl Crs. Several EV early adopters and this space would be perfect for the overflow of Parkers and make sure EVs are prioritised	Residential Area
Barrenjoey Road	Council Car Park behind Newport Shops	Council Car Park
Kalinya St	We need a charger in each suburb and I'm suggesting this spot near the shops in Kalinya St. only weekdays maybe	Shops
Newport Beach	Charging while being on the beach in nature makes good sense for Newport residents and tourists.	Beach
Surf Road	Any of the beach parking lots really - what better way to let your car soak up the sun (the chargers are fed by renewable energy, I'd hope) while the owner(s) do the same?	Beach

Pittwater Road	Should be part of BP petrol stations	Petrol Stations
Beach Road	Great location next to playground	Parks
Beach Road	While we're at the beach would be a good opportunity to charge, perhaps next to one of the pay stations at each beach.	Beach
Governor Phillip Park	Perfect spot for EV charging. Be even better if solar panel array installed to provide cheap local energy too.	Beach
Currawong beach	Great to be able to charge on the weekend whilst at the park	Parks
Beach Road / Beach car park	EV Charging along ocean side foreshore.	Beach
Pittwater Park Parking	Western foreshore car park. Many offshore residents are in need of improved infrastructure and having dedicated EV space is critical.	Council Car Park
Pittwater Park Parking	EV charging here would be beneficial to day trippers to the Basin, commuters to the central coast, public using the restaurant and western foreshore residents.	Council Car Park
Palm beach parking	Two Type 2 charging outlets at Palm Beach in one of the car parking areas would be extremely beneficial. ALL EVs can handle Type 2 AC charging. The Jolt chargers, while nice for some cars do not charge cars which have only Type 2 charging. Palm Beach is a popular destination and there is nothing for EVs up there.	Beach
Pittwater Park Parking	Pittwater Park North (local residents parking) and Pittwater Park South community parking and Palm Beach liquor store (adjacent) for general residents	Council Car Park
Palm beach parking	Destination charger while Swimming or surfing	Beach
Cameron Aveue	Great location outside the council storage block for (Queenscliff) surf storage area and public toilets, near lagoon playground and would also be available for local residents in Cameron. Ave, who the majority only have off street park, no access to private	Residential Area
Sydney Road	Near Seaforth public library-2 charge ports in, parking area outside BUPA could have at least 2 charging stations. This would accommodate people living in appartments and those living in Seaforth. Ease of access, parking and individuals could do do some errands at Seaforth shops.	Library
Wakehurst Pkway	Seaforth car park - Good location after the car park is resurfaced and upgraded.	Parks
Phillip Ave	Shops car park	Shops
Wakehurst Parkway/Seaforth oval	Seaforth oval car park	Parks
Sydney Road	Seaforth Shops just off Sydney Rd across from the vintage	Shops
Frenchs Forest Rd	Dalwood Home would be a good community charging location	Recreational Centre
Mona Vale Road	It is frustrating that the chargers at Hills Flower Market are for Teslas only and, therefore, no use to me	Shops
Booralie Road		Shops
Powderworks Road	Charging station at Monash golf club will encourage use of EVs for members; esp for those that live in unit blocks where at home charging is not easily installed.	Golf Course
Myoora Road	Par 3 Golf Terrey Hills. Carpark + power on-site	Golf Course

Warriewood Beach	Going to the Warriewood beach for a swim or picnic, while charging ur car makes sense. Propose 3 charging points	beach
Rat Park	This is a very visible and useful location for Friday Markets and many other events at this location.	Parks
Beach	EV Charging sites near beach parking.	Beach

Document administration	
Version	1.0
Date	28 November 2022
Approval	Content provided and approved by Transport Network Team. Project manager: Sandra Calci Responsible manager: Phil Devon
Status	Final
Related Projects	Northern Beaches Bike Plan
Notes	Community and stakeholder views contained in this report do not necessarily reflect the views of the Northern Beaches Council or indicate a commitment to a particular course of action.