



Frequently Asked Questions For
Municipalities
2019

greenspot
Smart Mobility™

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General

What is Greenspot?

Greenspot is a smart mobility company. Greenspot implements curbside electric vehicle charging stations and electric vehicle car share programs in municipalities and private developments at no cost to the site hosts.

Greenspot's goal is to take ordinary parking spots and to make them "smart" and functional for decades to come. Once Greenspot receives rights to a parking spot it goes through the process of developing infrastructure and subsequently installing EV charging stations. By doing so Greenspot transforms the spot into a "smart" spot that can accommodate and charge electric vehicles, and enable electric vehicle car sharing.

What Do You Need From Us?

Greenspot funds the entire project with zero taxpayer dollars spent! However, Greenspot needs publicly accessible curbside parking spots for the program. We ask for the municipality to maintain safe and hazard free locations, and enforce the towing of non-electric vehicles in electric vehicle parking spots.

What is the Minimum Amount of Locations Needed to Start?

Greenspot's strategy is to target locations where there is potential for relatively high vehicle utilization. We typically begin with a pilot phase, working in tandem with both our feasibility index and with the municipality to select the optimal locations. Greenspot takes a phased approach in order to ensure our program is optimally suited and custom tailored for each municipality. The phased approach allows for expansion based on program success, and modifications to be made based on data gathered from previous phases.

How is Parking for Electric Vehicles Enforced?

Parking for EVs is generally enforced by signage and pavement markings. In addition, we ask the municipality to enforce the ticketing and towing of violators, which are non-electric vehicles in electric vehicle parking spots, as well as electric vehicles that are not plugged in.

Is There Any Community Outreach Done by Greenspot?

Greenspot prepares the community and municipality, including residents, potential users of the shared mobility program and current EV owners who may use the public charging stations, as well as business owners potentially affected by the program, with necessary training and education about the project and its accompanying benefits. Greenspot will instruct the general public to ensure that vehicles and charging equipment are installed, maintained, and operated in a safe and proper manner. Community outreach is an important component of the Greenspot program and we do not limit ourselves as to the number of educational events we sponsor.

Why Should We Give You Parking Spots? We Already Have Parking Issues.

Greenspot is driven by the mission to create new and efficient transportation options for municipalities and their residents. By building curbside electric vehicle infrastructure, we are facilitating electric vehicle adoption and offering a viable alternative to car ownership. Our comprehensive mobility solutions reduce the number of cars on the road, decreasing congestion and cutting our collective carbon footprint.

By joining the Greenspot movement, residents of your municipality will lower their dependence on personally owned cars, and in turn, you will no longer have any parking issues!

EV Charging Stations

What Type of Stations Are Installed?

Greenspot installs Level 2, DC fast chargers and inductive charging, incorporating state-of-the-art technologies at its locations. Greenspot's infrastructure is strategically developed to adapt to new technologies and trends and sets a long-term foundation for decades to come. As energy efficiency and storage norms are changing, Greenspot strives to ensure it finds the most sustainable and affordable solutions for your city.

What Does it Cost the City?

Greenspot funds the entire process, including site feasibility, station procurement, installation and management of the operation, which includes facilitation of the shared mobility model. Greenspot's revenue comes from renting out the spots to electric shared mobility operators. "Smart" spots have advertising capabilities and are therefore also revenue-generating platforms.

Greenspot leverages federal and state level grants to offset the initial cost of installation, and enable the company to create projects with a larger scope and scale.

How Many Spots Per Location Are There?

Greenspot typically installs stations for 4-8 spots per location. Based on its research, Greenspot has developed an 80/20 model, where 80% of spots are dedicated to car sharing and 20% are dedicated to private EV owners.

What is the Contract Duration?

Greenspot requests that contracts last for a minimum of 15 years in order to make the initial investment worthwhile for both the company and the municipality.

Who Installs the Charging Stations?

Greenspot coordinates with trained local labor to install the EVSE. This creates jobs for the community. Installation costs are borne by Greenspot.

How Much Power Does Greenspot Need?

Greenspot works together with the municipality and the local utility to ensure sufficient power is available in the designated location. Greenspot installs the necessary infrastructure to run the electrical conduit from the power source to the chargers. We comply with national electric code regulations when installing our electric vehicle supply equipment.

Who Operates the Charging Station Once Installation is Completed?

After the installation of the charging stations has been completed, Greenspot takes full responsibility for the management, upkeep, and day to day operations of the charging stations. This includes maintenance of the hardware and software of the

EVSE, as well as troubleshooting and communication with the charging station manufacturer.

Shared Mobility

What is Car sharing?

Car sharing is a division of car rental where vehicles can be rented out by the hour or by the minute. Additionally, car sharing vehicles can be rented out 24/7, at a moment's notice. The car sharing service is accessible by downloading the car share operator's app and entering your information. Once you are approved, you can rent a vehicle for your specified duration.

Car share is an ideal method for those without cars in urban centers to quickly access an alternative form of transportation for a variety of uses.

What Shared Mobility Options Can Our Municipality Receive?

Municipalities can offset their fleet costs as well as achieve sustainability goals by utilizing EV car share. This enables the municipality to downsize their fleet and save taxpayer money. Residents of the municipality receive the shared mobility not only in the form of EV car share, but also in the form of micro-transit, first and last mile solutions, as well as EV vanpool solutions.

How Much Does it Cost the End User?

Users of the car share program can expect to pay between \$10-\$15 /hour for the service. Fuel (in this case - electricity), insurance, and maintenance are all included in the rental.

Who Pays For Insurance, Electricity?

Greenspot submeters the stations, and we pay for the cost of electricity. Insurance on the electric vehicles is included as a part of the program offered by the EV car share operator. There is zero current cost, and zero future cost, to the municipality as long as the charging stations remain a part of the Greenspot network.