

Thank you inventors, innovators, early adopters, trend setters, and supporters, for paving the way to a zero emission world.



# table of contents

1	<b>executive</b> summary	5	our <b>company</b>	
	from our investor from our CEO	7 8	our mission & vision our history first generation	35 36 37
2	market trends		second generation our team our new investor	39 41 42
	the bigger picture the close-up charging infrastructure	11 12 13	our stories	43
	outlook & predictions		thought leadership	
3	our <b>customers</b>		#EVproud what's next	47 48
	workplaces leisure, retail, hospitality real estate, cities	18 20 22	<b>growth</b> metrics	
	fleets, commercial parking automotives	24 26	gross billings installed base consumed kWhs	51 51 51
4	our <b>partners</b>			
	industry partners business partners	30 31		



# 1 executive summary



### from our **investor**



Dear reader,

If there was one thing innovation physically connected us to the rest of the world, it would be the internal combustion engine. It helped us travel faster and cheaper, and it allowed us to live and work wherever we pleased. However, attitudes towards the personal car as we know it are changing. In France, the number of kilometers traveled per vehicle has declined since 2008. In the US, the percentage of 20-24-year-olds with a driver's license decreased by 15% between 1983 and 2014. Instead, carpooling, car sharing, and rentals between individuals are gaining popularity.

With a 54% reduction in carbon emissions compared to petrol-powered cars, the enormous environmental and health benefits of electric cars haven't gone unnoticed by policy makers. The UK, France, Norway, The Netherlands, India, and China have all announced plans to ban the sale of petrol-powered cars - some as early as by 2025. These regulations have also paved the way for car manufacturers to invest heavily in hybrid and fully-electric powertrains and autonomous vehicles. Meanwhile, the price of electric batteries continues to decrease while their performance increases. After dominating the world for over a hundred years, the internal combustion engine is now finally forced to make way for cleaner engines in the 21st century.

At ENGIE, we see this tremendous shift in transportation as the result of an energy revolution - a technology-driven movement where competitive renewables, new business models, accessible technology, and falling commodity prices are disrupting existing businesses and creating new opportunities. The new energy system will consist out of three trends: de-carbonization, decentralization, and digitalization. This is why we've made it our objective to reach 25% renewable energy (wind, solar, hydro) by 2020. And it's also why we're making significant investments into businesses that'll help ENGIE improve our ecosystem. It's my honor to lead these initiatives under ENGIE FAB, a platform created by ENGIE that promotes and facilitates open innovations amongst startups and scale-ups in the clean tech sector.

On March 14, 2017, ENGIE FAB announced the acquisition of EVBox, one of world's leading electric vehicle charging service providers. This acquisition will enable ENGIE to offer customers across the world innovative, attractive, and comprehensive electric vehicle charging and related energy services. We see the acquisition of EVBox as a strategic shift towards a completely new energy paradigm. Just like EVBox, ENGIE believes in a future where all transportation is technologically advanced and emission-free. A smart and sustainable charging infrastructure that'll facilitate car owners everywhere they go, is crucial to making this a reality. I believe that our shared vision for electric mobility will make our collaboration a success. I'm also convinced that by combining our capabilities, we've created a rare opportunity for ourselves to create a leading, global electric vehicle charging player, uniquely positioned to offer customers attractive charging and energy solutions.

I'm proud to be part of EVBox's journey and to see its tremendous growth unfold.

On behalf of ENGIE, Yours truly,

Thierry Lepercq

EVP Research, Technologies & Innovation, ENGIE

### from our CEO



Dear reader,

It is with great pleasure and pride that I present to you EVBox's Annual Report for the fiscal year of 2016. Last year, we were the first private company within the EVSE (Electric Vehicle Supply Equipment) industry to publicly share its financial performance and achievements. As a thought leader, we'd like to carry on this tradition.

2016 marked an impressive milestone. Electric car sales surpassed the two million mark worldwide, with 773,600 cars sold in 2016 alone - a year-over-year growth of 42%.

2016 was also the hottest year ever recorded, with scientists yet again firmly pointing to human activity as the main cause of climate change. Steps toward solving this worldwide issue were made late 2015, when world leaders collectively pledged to keep the global temperature rise below 2 degrees Celsius in the Paris Agreement. To help cities across the world achieve this goal, we've made it our mission to accelerate sustainable mobility by bringing electric vehicle charging solutions to every parking spot across the globe.

Since our inception, our strong focus on this mission has been a key differentiator and competitive advantage. By funneling our energy into becoming a specialist in the EVSE market, we were able to innovate and build reliable smart charging solutions catered to the needs of our customers at home, at work, and in public areas.

2016 was a stepping stone to the build-up of a scalable, international, and future-ready company. We set the objective to introduce a new generation of charging solutions. On the frontline of this generation is a revolutionary new charging station called Elvi. This generation also includes Everon - a brand-new cloud-based charging management platform capable of handling anticipated exponential growth in electric vehicle sales. Everon is going to lay the foundation for scaling-up our current operations of more than 50,000 charging points installed in over 30 countries.

In the past year, we expanded our operations to multiple new territories and opened new offices in the Nordics and the UK. EVBox was able to innovate and expand while remaining lean and agile, catching the eye of a key energy player, ENGIE. Conversations in late 2016 eventually led to a successful acquisition of EVBox by ENGIE. This acquisition will help us build a bigger team, a faster go-to-market, and even more expertise in building a global company. We strive to become the first global EVSE player capable of catering to any city, business, home, and electric vehicle driver around the world.

2016 wouldn't have been the same without the commitment, effort, and knowledge of our EVBox family. I couldn't be more proud of our team. A final thank you to you - our customer, partner and stakeholder - for trusting EVBox and helping us achieve our mission.

Very respectfully,

Kristof Vereenooghe Chief Executive Officer, EVBox





# the bigger picture

2016 was the warmest year ever recorded. And it was the third year in a row the world is hitting an all-time high. This is why industries like ours can't stress the importance of electric vehicles enough, and their significance in reducing our carbon footprint.

Luckily, progress is in place. More and more cities are entering the race to become the world's first city with a zero emissions transportation system. This seems specifically crucial today, as demand for increased methods and faster transport arise, while cities are urged to keep environmental impact low and residents' quality of life high.

According to the most recent Urban Mobility Index, Oslo is set to be the world's first city with a zero emissions transportation system, closely followed by London and Amsterdam.

Tokyo, Seoul, Beijing, Shanghai and Singapore are the most ambitious in their approach to a zero emissions future, but are challenged by the scale of the current situation. Asian cities show a particularly strong performance in their preparedness for the future, with a desire to create smart, connected cities filled with driverless EVs and public transport, but grave air pollution concerns mean they face a long road ahead.

Progress in New York, San Francisco and Los Angeles, is weakened by a reluctance to fully embrace change, a habit shared by many North American cities. Low fuel costs and a tangled federal, state and city legislative framework combined, leave North America in a position where citizens have a mixed level of incentives and awareness to really change their habits.

#### Clean energy

The energy intensity of the global transport sector declined by an average of 1.8% per year in the past 15 years, reflected mostly in road transport. By implementing electric mobility measures, the energy intensity of mainly road transport could decline even further. In order to achieve an overall increase in efficiency, electricity must be generated with clean, renewable energy.

New investment in clean energy fell to \$287.5bn in 2016. This is 18% lower than the record investment of \$348.5bn in 2015. Despite this setback, the number of new clean energy projects increased. 2016 saw a cost decrease of solar and wind equipment, meaning that more were installed for the same price.

Additionally, China and Japan have been cutting back on building new large-scale projects, as they're shifting towards digesting the capacity they have already put in place. The APAC region still attracted the most investment for the fifth year in a row.

Renewables accounted for the majority (77%) of new EU generating capacity for the eighth consecutive year. Europe now continues to decommission more capacity from conventional sources.

Bloomberg New Energy Finance CEBR Urban Mobility Index



# the close-up

In 2016, worldwide electric vehicle sales totaled 773,600 units, which is 42% higher than in 2015. Despite holding just 1% global market share, electric car-sales grew 20 times faster than the overall market in 2016.

China increased its significance as a leading market and manufacturing base for electric vehicles, now standing for 45% of all EVs sold worldwide. The US recovered from its weak development during 2015. Its year-end was particularly strong with a 43% increase in sales.

Incentive changes in The Netherlands and Denmark affected the overall picture for Europe in 2016. Though it didn't reach its impressive 99% growth rate of 2015, many markets continued their development strongly. By the end of December, the number of electric vehicles on the road passed the 2 million mark, 61% of them being fully-electric and 39% plug-in hybrids.

With nearly 51,000 units sold, Tesla Model S became yet again the world's best selling electric car. Nissan Leaf came very close with worldwide sales of nearly 50,000 units. BYD remained the leading carmaker for electric vehicles in China, with nearly 30% share of car sales there. 2016's best-selling models of the most common vehicle segments were:

#### B / Subcompact

BMW i3 (25,934) Renault Zoe (22,009)

#### D / Midsize

Ford Fusion Energi (16,009) VW Passat GTE (13,246) Mercedes C350 (10,458)

#### SUV

BYD Tang (31,405) Outlander PHEV (27,322) Tesla Model X (25,299)

#### C / Compact

Nissan Leaf (51,882) Chevy Volt (28,296)

#### E+F / Fullsize

Tesla Model S (50,944) Mercedes S500e (1,498)

#### LCV / Van

Nissan e-NV200/Evalia (4,616) Renault Kangoo ZE (4,031)

For the electric-car market, 2016 was a year of many firsts. Electric cars dominated major motor shows like never before, convincing even the most skeptical car manufacturers of the potential for scalability, and of the significance for our future. Toyota has long held out against producing an all-electric car, looking to hydrogen powered vehicles instead. However, policy changes in China made it necessary for the car maker to produce an electric car. Also for the very first time, consumers set up camp outside dealerships for electric cars, when over 20,000 people lined up in anticipation of Tesla's Model 3, the first day of its launch.

In the next few years, Tesla, Chevrolet, and Nissan will start selling long-range electric cars in the \$30,000 range. Other carmakers and tech companies are investing billions on dozens of new models. By 2020, some of these will cost less and perform better than their gasoline counterparts. The aim would be to match the success of Tesla's Model S, which now outsells its competitors in the large luxury class in the U.S. already. Following this trend, 35% of all new cars across the world, is expected to be electric by 2040.

ev-volumes.com bloomberg.com ev-sales.blogspot.com



# charging infrastructure

The global charging infrastructure are categorized in the following types of charging stations:

#### **Private chargers**

placed on private driveways or in private garages at home owned by the resident made available based on resident's preference

#### Semi-public chargers

placed in (private) parking lots owned by businesses of any kind made available mostly during business hours

#### **Public chargers**

placed in public areas and public parking facilities owned by municipalities or workplaces made available 24/7

Fast chargers (AC 22kW or DC fast charging up to >100kW) placed in cities and along highways owned by municipalities and fast-charging providers made available 24/7

### 2016 numbers

In 2016, the number of charging points has increased significantly in Belgium and France as compared to 2015. The Netherlands, Norway and UK showed a steady growth, while the US lagged behind. Below is an overview of "regular/ AC" (semi) public charging points, "fast/DC" public charging points, and private charging points (if applicable) per region.

The Netherlands Regular: 26,088 Fast: 612 Private: 72,000* Total: 98,700 2015 yoy: 51%	<b>Belgium</b> Regular: 1,335 Fast: 480 Total: 1,815 2015 yoy: 350%	US Regular: 33,843 Fast: 5,572 Total: 39,415 2015 yoy: 16%
<b>Norway</b>	<b>Germany</b>	China**
Regular: 7,040	Regular: 16,266	Regular: 150,000

Norway	Germany	China**
Regular: 7,040	Regular: 16,266	Regular: 150,00
Fast: 1,117	Fast: 1,687	Private: 170,000
Total: 8,157	Total: 17,953	Total: 220,000
2015 yoy: 41%		

UK	France	Europe***
Regular: 9,594	Regular: 14,250	Regular: 91,837
Fast: 2,165	Fast: 1,593	Fast and other: 11,835
Total: 11,759	Total: 15,843	Total: 103,672
2015 yoy: 64%	2015 yoy: 323%	

All European data from European Alternative Fuel Observatory (EAFO) All US data from the US Department of Energy, Alternative Fuels Data Center.

\* This is a rough estimation based on 2012 research, and an extrapolation of registered electric vehicles.

\*\* Estimation as reported by Forbes, China Daily and ReportLinker.

\*\*\* Europe meaning EU + EFTA + EAFO + Turkey (33 countries in total).



Norway	14,61
Belgium	11,96
Sweden	11,71
UK	8,23
Spain	6,08
France	5,80
Swiss	4,64
Austria	4,37
Italy	4,36
Netherlands	3,96
Denmark	3,79
Germany	3,40
Portugal	3,39

## outlook & predictions

Electric-car volumes have more than tripled and battery costs have decreased by 50% in the past three years. Continuing 2016's growth rate of 42%, this would mean that 8 out of 10 cars sold will be electrics by 2030. Inconceivable today, not impossible for the future. So, what can we expect onwards?

#### Bigger fleet, more range

The most recent electric vehicles released, all have over 400 km (250 miles) range on a single charge. Tesla Model 3 and Chevrolet Bolt, as well as the new Nissan LEAF and Renault ZOE, are just the latest all-electric vehicles (to be) launched that offer more than enough to persuade drivers to move onto electric. Other car manufacturers such as Jaguar-Land Rover, Audi, Volkswagen, BWM, and Mercedes plan on or have started building an electric fleet. This creates a wider availability and variety for consumers to choose from. Within three years, we expect 400-700 km (250-430 miles) to become the new norm for all-electric vehicles priced at \$32,000-\$50,000 (€30,000-€45,000).

#### Fast drop of battery prices

Electric vehicle battery prices will drop faster. According to a recent WardsAuto report, battery prices are already falling faster than expected, and could go below the magic mark of \$100/kWh by 2030. Supporting this projection, Bloomberg New Energy Finance also pointed out that battery costs have already dropped by 65% since 2010, which helped them reach \$350/kWh back in 2015. BNEF expects battery costs to be well below \$120/kWh by 2030.

Once battery prices fall below \$100 per kWh, US electric-car sales alone can grow by 1 million all-electric vehicles a year, with plugin hybrids responsible for another 1 million sales. The EV market share then, would explode from about 1% today to over 10% in just a decade. Battery prices may not have a direct impact on the implementation of charging infrastructure, but it would put more cars on the road that would in turn pressure providers and governments to catch up with the demand.

#### **Exponential increase of charging points**

As the market grows, charging habits will inevitably start to shift. We expect consumers to charge predominantly in the following parking areas:

- Charging at home will become a necessity.
- Charging at work is expected to rise significantly, as demand is coming from staff and customers.
- Charging in commercial / public areas such as hotels, restaurants, shopping areas, sports centers and so on.
   Wherever electric drivers will park for more than 20 minutes, they'll need to be able to charge.,
- Fast (DC) charging in corridors and highways will become crucial for cross-country or cross-state travel.

Charging facilities across the world have increased at least ten-fold since 2013. Navigant Research estimates that the global market of residential and commercial charging services (sales revenue + install revenue) will be worth \$7 billion in 2017, and is projected to reach \$12 billion by 2026. The total revenue in under ten years (2017-2026) is estimated to be \$80 billion. The commercial charging market will be going through a transitional period over the next five years, as new electric models are more widely introduced.

WardsAuto Bloomberg New Energy Finance Navigant Research **400-700km \$32-50K** by 2020



#### Battery prices

by 2030















workplaces



Nature's **Pride** 

Nature's Pride is a fair-trade supplier of more than 500 different types of fresh exotic fruit and vegetables from more than 70 countries.

40% of the company-owned cars are hybrid or fully-electric. Since 2016, Nature's Pride is the proud owner of 32 EVBox charging points at its office parking facility, which are partially powered by solar energy.

"EVBox was one of the few charging station providers back when we installed our first 16 charging points three years ago. The possibility for full customization of each of our chargers were a nice touch. I think for businesses, this is a good opportunity to directly tie your brand to a sustainable and future-ready product."

"With EVBox, we'd like to show consumers which options are out there for smart charging, and educate building owners on the best charging products they can buy. We believe LA should be a global focal point for advancing electric vehicle infrastructure and mobility innovation."

**Ben Stapleton** Chief Partnerships Officer Los Angeles Cleantech Incubator "To create a zero-emission world, it takes more than just providing the right vehicles and infrastructure. It requires people to eliminate their preconceptions about electric transport. That's why it's important for organizations like EVBox to inform us about the availability of charging stations, as well as the ways in which we can manage our power consumption."

**Michael Pleijsier** Facility Manager Nature's Pride

Los Angeles

Cleantech Incubator

The Los Angeles Cleantech Incubator (LACI) identifies and nurtures local cleantech start-ups, and helps them get to market, resulting in more jobs and a bigger green economy in the city. Upon EVBox's recent entrance into the North American market, LACI is now the home of EVBox's 50,000th installed charging point.

"The State of California has over 300,000 electric vehicles now, but only about 13,000 charging points. We have a lot of demand to catch up with. This is part of the reason why we've installed EVBox charging stations here on-site. We'd like to show consumers which options are out there for smart charging, and educate building owners on the best charging products they can buy. We believe LA should be a global focal point for advancing electric vehicle infrastructure and mobility innovation. That's why we're building a state of the art EV showcase at the La Kretz Innovation Campus where we can demonstrate a variety of smart charging equipment, EVs, and mobility solutions. We're pleased to have a global leader such as EVBox as a partner on this project."



leisure, retail, hospitality



**Central Park** by
Ron Blaauw

Central Park by Ron Blaauw is one of the fine-dining establishments backed by Dutch top chef Ron Blaauw. Our 40,000th charging point was placed here in 2016. To celebrate this milestone, we visited Ron and former manager Carsten to talk about the importance of sustainability for hotels and restaurants.

"In this day and age, every hotel and restaurant should offer charging stations for electric vehicles. They are the future, plus it's a great service we can offer to our guests. I think we can expect the number of charging points to duplicate in the next few years. For us, EVBox was a choice easily made. We got in touch with them through their partner BMW, whom we are proud ambassadors of."

"Our new guests are often surprised to see we're one the few golfclubs to offer charging points. Even staff and visitors from other workplaces in the area, drop by our golf course to fill up their electric car."

**Karin Eliëns**Clubmanager
Golfclub Anderstein

"We turn off the stove after lunch, and won't turn it back on until dinner rush starts. Waste processing and recycling are part of our day-to-days too. Simple steps like these are not just cost-effective, but they allow us to run our business as sustainable as possible. This is why lending electric cars to our hotel guests and providing charging points to our visitors, has been a logical step for us to take."

Ron Blaauw

Dutch top chef, culinary advisor Central Park, by Ron Blaauw



# Golfclub Anderstein

Golfclub Anderstein is one of the biggest and greenest golf courses in The Netherlands. Located in the Anderstein area, the golf course is surrounded by endangered species of plants and animals. To preserve this unique land, the golfclub is actively involved in creating more space and amenities to nourish the surrounding nature.

Since 2016, Golfclub Anderstein is sporting 6 EVBox charging points at its parking lot.

"We opted for EVBox because they offer personal, supporting services, even after the installation has taken place. We've been able to save ourselves lots of administration thanks to EVBox, since it takes care of all the credit and debit invoicing digitally. It's a full package, with a competitive price."



real estate, cities



#### Timmerhuis

Designed by the renowned Rem Koolhaas, Timmerhuis is an architectural giant that connects the old with the new in the City of Rotterdam, The Netherlands. It's also the first multi-use building in the country to receive a BREEAM Excellent \*\*\*\* certification for sustainability.

In 2016, Timmerhuis placed 20 charging points at its indoor parking lot.

"Timmerhuis is actively helping the city improve its air quality. We understand very well that electric transport is crucial to this process. We opted for EVBox as they are the supplier of charging facilities at De Rotterdam. Just like Timmerhuis, De Rotterdam is a sustainable project designed by Rem Koolhaas. We also learned about EVBox from Rotterdam Elektrisch. This is an initiative led by the City of Rotterdam in collaboration with energy supplier ENGIE and EVBox, to expand the number of charging points in Rotterdam and its region. Since EVBox is a trusted, established name, we knew we could rely on its service."

"We'd like to build a charging network that can accommodate future standards. The modular design of EVBox charging stations passed all of our tender requirements. EVBox will play an integral role in the expansion and innovation of charging infrastructure in Amsterdam."

> **Bart Vertelman** City of Amsterdam

"It's our ambition to actively nelp the city to improve its air quality. We understand very well that electric transport is crucial to this process. Since EVBox is a trusted, established name in and outside of Rotterdam, we knew we could rely on its service.

**Niels Kurver** Real Estate Developer Timmerhuis / City of Rotterdam



City of **Amsterdam** 

Amsterdam is one of the world's leading cities in electric transportation. Voted Europe's innovation capital of 2016, Amsterdam is a Living Lab for research institutes, businesses and start-ups. Bringing these parties together, the city nurtures the growth of innovative solutions for clean and sustainable transportation aiming to improve air quality and public health. Amsterdam has set the ambitious goal to become a zero-emission city by 2025.

"Along with Nuon-Heijmans, EVBox is the key supplier of charging stations throughout Amsterdam. Our renewed contract will help us reach 4,000 public charging points by 2018. Over the past few years, more than a thousand EVBox charging points have already been installed throughout Amsterdam. EVBox's reliable, easy-to-use and future-proof charging stations, are well fitted for this new seven-year project."



fleets, commercial parking



Arval **BNP Paribas** 

Founded in 1989 and fully owned by BNP Paribas, Arval specializes in full service vehicle leasing with offices in 28 countries. Its worldwide fleet counts over a million vehicles, 35,000 of which are in The Netherlands.

"Corporate Social Responsibility is engrained in our DNA. One of the focus points is the reduction of CO2 emissions. To prepare ourselves for a future that seems increasingly electric, we've extensively examined the ever-evolving industry of electric vehicle charging infrastructure. Arval was looking for solid, international providers that are flexible and scalable. Providers that are able to continuously make technological advancements. Providers that are able to take care of the full process - from the quotation to the installation and operation of each charging station. EVBox is one of the partners who met all of these requirements. We're excited for a fruitful collaboration for many vears to come."

"Electric mobility is developing rapidly - both in demand and supply. This is why we've installed charging facilities for electric vehicles in all of our parking locations at Schiphol."

Dieme Ketel
Director Parking & Mobility Services
Schiphol Group

"In EVBox, we saw a solid, international provider that's flexible and scalable. A provider that's able to continuously make technological advancements while taking care of the full process - from the quotation to the installation and operation of each charging station. We're excited for a fruitful collaboration for many years to come."

**Marien Kreuger**Director Operations
Arval Netherlands



Amsterdam Airport Schiphol is one of the largest hub airports in Europe, transporting 63.6 million passengers to 322 direct destinations every year. Although there's still a long way to go before we achieve zero-emission air travel, Schiphol sees the importance of electrification and has started investing in electrifying its fleet in the past few years.

"At Schiphol, we believe that we have a crucial role in facilitating many different methods of mobility, as well as in stimulating innovative developments that'll help us and our partners accelerate towards a more sustainable future. Electric mobility is developing rapidly - both in demand and supply. This is why we've installed charging facilities for electric vehicles in all of our parking locations at Schiphol."



#### automotive



Starting in 2019, Volvo will launch only electrified models, with five fully-electric cars to be released between 2019 and 2021. Our plan is to sell a total of one million electrified cars by 2025. "This is all about the customer. People are increasingly demanding electrified cars and we'd like to respond to our customers' current and future needs, "said Håkan Samuelsson, President and CEO of Volvo Cars.

"The tipping point is near. Many external factors need to be implemented to reach a broader target group," said René Aerts Jr., Corporate Communications Director at Volvo Cars Belux. "Think about smart and fast charging infrastructure, the reduction of car battery costs, as well as the increasing range of electric cars," Rene continues. "Last year, we installed EVBox charging stations at our Belux offices - all of them equipped with intelligent Load Balancing and Smart Charging technologies that help these stations operate energy-efficiently. Being able to charge at home and at the office will make most of our mileage environmental-friendly. That's what matters to us."

"Sustainable transportation is the engine behind a lucrative economy. This is why we've made it our goal to become the greenest car manufacturer in the world by 2021."

**Erik Hardick**Director Marketing
Hyundai Motor Netherlands

"We installed EVBox charging stations at our Belux offices last year. All of them equipped with intelligent Load Balancing and Smart Charging technologies that help these stations operate energy-efficiently. Being able to charge at home and at the office will make most of our mileages environmental-friendly.

That's what matters to us."

René Aerts Jr.
Corporate Communications Director
Volvo Car Belux



Sustainable transportation is the engine behind a lucrative economy - not to mention that electric driving reduces our carbon footprints and allows us to get around more comfortably. From these beliefs, Hyundai is aiming to become the greenest car manufacturer in the world by 2021. We've already announced a new series of electric models to be released in the upcoming years. Our vision for sustainable mobility extends to all facets of an electrified fleet. Quality and progress in favor of consumers will always be the driving factors behind our decision-making. This is why we think offering charging stations to both our staff and customers is crucial to helping them transition from combustion to clean. EVBox's products and services that help electric drivers charge easily and efficiently, make a great contribution to this mission.







# industry partners

### **AVERE**

AVERE is the European Association for battery, hybrid and fuel cell electric vehicles. Its main objective is to promote the use of Battery, Hybrid and Fuel Cell Electric Vehicles - individually and in fleets and for priority uses – in order to achieve greener mobility for cities and countries. In public advocacy, AVERE presents the EV industry's and R&D bodies' concerns to the European Commission.



ElaadNL is founded by Elaad, an established network of around 3,000 public charging stations for electric cars across The Netherlands between 2009 and early 2014. ElaadNL is the knowledge and innovation center in the field of Dutch charging infrastructure. It coordinates the connections of charging stations to its electricity grids, on behalf of its network providers.



Rijksdienst voor Ondernemend Nederland

Partner International Business (PIB)
"e-mobility from Amsterdam to Berlin"
aims to set up a permanent trade mission
between Germany and The Netherlands in
the e-mobility market. All partners in this
PIB are a combination of Dutch and German
stakeholders. Together they seek to explore
the German market by setting up projects,
exchanging knowledge and promote Dutch
EV knowledge and business in Germany.



Openchargepoint.be is the Belgium equivalent of eViolin and supports roaming and transparency in Belgium, while reusing knowledge from The Netherlands. Via an agreed code, Open Charge Point makes agreements to enable roaming and exchange of charging point statuses, location data, and charging rates with the EV driver.



The eMobility ICT Interoperability Innovation (eMI³) is a group of major actors from the electric vehicle market that seeks to harmonize ICT data definitions, formats, interfaces, and exchange mechanisms to enable a common language amongst all ICT platforms for electric vehicles. EVBox is a member of eMI³, along with other major stakeholders such as Elaad, Renault, Gireve, ERDF, Schneider, Allego, Mennekes, Chargepoint, BMW, Hubject, and Ibil.





The Dutch Organization for Electric Transport DOET is the branch organization for the Dutch electric mobility industry. It supports its members through knowledge sharing, lobbying and networking, focused on optimizing and maximizing business of the EV industry in The Netherlands.



The Nationaal Kennisplatform Laadinfrastructuur (NKL) is a community of organizations involved with public charging. NKL aims to reduce the total costs of public charging and public charging infrastructure in The Netherlands through fostering partnerships. The community also strengthens the international position and leadership of Dutch companies in the electric vehicle market.



The Coast to Coast EV Connection is a public partnership designed to promote the exchange of knowledge and innovations between the US and the Dutch government and universities, as well as to position companies in the markets of electric mobility.



eViolin is a Dutch organization facilitating roaming on all public charging stations in The Netherlands. eViolin is responsible for the Central Interoperability Register (CIR), which is the technical system that enables roaming. eViolin is part of the PAN European discussion for international roaming and promotes transparency amongst EV drivers, operators and providers.



The Open Charge Alliance (OCA) is the defacto standardization body maintaining mainly the Open Charge Point Protocol (OCPP); the standard interface between charging stations and its management systems. OCA is improving the OCPP and setting up a certification program. Members of the OCA can actively participate in these activities and make an impact on its specs.



The Vereniging Elektrische Rijders is the first European community fully dedicated to electric vehicle drivers. It aims to become an important stakeholder in EV-related projects and initiatives, while focusing on the interest of electric vehicle drivers.



# business partners



ANWB promotes the interest of Dutch members in the areas of mobility, travel and leisure.

ANWB aims to contribute to the sustainable development of society.



ENGIE is a leading global provider of integrated services - specializing in energy, technical, FM and business process solutions for the built environment.

#### heijmans

Heijmans connects activities related to property development, (non-)residential buildings, roads, and civil engineering, within the areas of living and working in The Netherlands, Belgium, and Germany.



PonEnergie is a Dutch-based supplier of premium energy and mobility products and services for consumers and enterprises.



Vattenfall is one of Europe's largest generators of electricity, specializing in electricity, heat, and gas. A state-owned Swedish company, Vattenfall's history spans over a hundred years.

In alphabetical order.



Cofely designs, realizes and operates energy services to help businesses and local authorities better use energy and to respect the environment.



E.ON (Uniper) is an international supplier of renewables, energy networks, and customer solutions; the building blocks of the new energy world.



Justplugin informs, advises and delivers charging infrastructure based on specific business and private circumstances.



a world of energy

Rexel specializes in the distribution of electrical supplies to professional users. It distributes products and services in the areas of automation, technical supply, and energy management.



Eneco is one of the largest producers and suppliers of natural gas, electricity, and heat in The Netherlands, serving more than two million businesses and residential customers.



Flow Charging is a full-service provider in electric vehicle charging with over 25 years experience in the management and control of electrical installations.



Nuon is a utility company that provides electricity, gas, and heat in The Netherlands, Belgium, and the UK. Nuon belongs to the group of Vattenfall, one of Europe's leading generators of electricty and heat.

### other references









EVBox is the leading global manufacturer of electric vehicle charging stations and charging management software.

Today, EVBox has over 80 employees operating in 9 countries that work together with over 30 partners internationally, expanding local charging infrastructure and interoperability.

With over 50,000 charging points in more than 30 countries and 980 cities worldwide, we help electric drivers to get access to charging infrastructure at any point in their journey.

EVBox envisions a future where everyday transport is technologically advanced, emission-free, self-driven, and sustained by a green charging infrastructure. EVBox's mission is to drive sustainable mobility, by bringing leading electric vehicle solutions to the world.

# our **history**

EVBox was founded in The Netherlands in 2010, when the market for electric vehicles was still in its infancy.

The founders Bram and Huub belonged to the lucky few that took the first Tesla Roadster in Europe for a test drive. A techie at heart, Bram saw the importance of having a connected charging infrastructure at an early stage. Co-founder Huub Rothengatter, a former F1 race car driver and manager of F1 champion Jos Verstappen, of course knew cars like no other. This formula helped EVBox' achieve its early success and growth.

By 2012, EVBox counted more than 6,000 charging points across The Netherlands, each of them equipped with an LED ring that would later become an iconic face for charging in public.

EVBox became the sole supplier of public charging infrastructure in cities such as Amsterdam, Rotterdam and Monaco. Meanwhile, EVBox played an active role in promoting Smart Charging technologies and roaming of charging infrastructure with industry partners and public organizations.

As the market started to grow along with the astounding success of Tesla's new Model S, EVBox introduced a cloud-based platform, aiming to make each charging process as easy and seamless as possible. The platform would help electric drivers to manage and track charging sessions, and automate billing and invoicing. It would also allow station owners to operate every charging session in a costand energy-efficient manner, through so-called Smart Charging functionalities.

In 2014, Gilde Equity Management Benelux became EVBox's new shareholder. Key reasons for Gilde's entrance were EVBox's leading position in the Dutch market, its customer base and range of expertise, as well as the exponential growth of electric vehicle sales around the world.

Early 2015, a new leadership team was formed, while preserving the roots of the company, Bram went on to become the Chief Technology Officer. EVBox moved its headquarters to a brand new office along the waters of Amsterdam, and expanded into new markets by opening 3 new offices in the US, France, and Belgium.

In 2016, EVBox surpassed the mark of 40,000 charging points and invested further in its international expansion, opening a new office in the UK, and its operations in the Nordic and DACH regions. With the help of partners, EVBox even set its first steps in the Mediterranean, Latin-America, and Asia-Pacifics.

In 2017, EVBox becomes the new acquisition of ENGIE FAB, a platform created by the energy conglomerate ENGIE to promote and facilitate open innovation.

Today, EVBox continues to perfect its original recipe: a second generation of hardware and software that are energy efficient, future proof, and easy to use. Charging solutions with uncompromising quality and reliability.



**Our founders**Bram van de Leur (left)
Huub Rothengatter (right)

### our values

### Integrity & sustainability

We strive to be honest, transparent and reliable in our operations. We carefully select our materials and extensively test our products to ensure quality, and long lasting satisfaction for all of our stakeholders.

### Innovation & curiosity

We strive to produce best-in-class, future-proof solutions by encouraging our team to stay innovative and find new ways to improve ourselves, our products, and our services.

### Inspiration

We are clean tech leaders with seasoned expertise in the EVSE (Electric Vehicle Supply Equipment) industry and an extensive know-how within the e-mobility sector. This is why we cultivate and promote ideas from the industry to inspire consumers, businesses, and cities to take the greener route.

### **EVBoxers, EVproud**

We value each other's cultures, beliefs, opinions and efforts by creating and maintaining a cooperative work environment. We believe that the achievements of any successful organization, are a result of a combined effort of every individual.

# first generation

Available in various output capacities, the first generation of EVBox charging stations are universally compatible. Their iconic LED ring enables everyone to easily identify the charging status. They are optionally equipped with a fixed cable, and can be mounted on the wall or in the ground. Specifically for commercial and public use, these charging stations can be branded with custom colors, wraps and/or logos.

EVBox charging stations don't require much maintenance thanks to their modular, vandalism-proof, non-flammable and discoloration-proof design.

All charging stations allow remote maintenance and software updates, and are eligible for a warranty of up to five years.

The first generation of EVBox charging stations can be configured with Smart Charging functionalities. These allow an easy and cost-effective management of multiple charging stations, and an efficient consumption and distribution of the available power.





### BackOffice + ChargeCard

Our BackOffice connects, operates and manages your charging station(s). This includes the automated tracking and invoicing of charging sessions that are performed with our ChargeCards. Our ChargeCards give access to all public charging stations in The Netherlands and within the EVBox network abroad.

#### **Home**Line

for home and residential use



Our most recent first-gen charging station HomeLine was designed to cater to the rapid growth of electric vehicle drivers in The Netherlands. The market required bigger quantities, and HomeLine fit in just nicely. More compact than its predecessors, HomeLine has become the perfect fit for (lease) drivers who charge their car from home.

Our very first HomeLine was purchased by our long-time partner Eneco, one of the largest utilities in The Netherlands.



#### **Business**Line

for business and commercial use

Our very first charging station, BusinessLine, was inspired by the traditional parking meter. This model was inaugurated by racing driver Tim Coronel, twin brother of Formula Champ Tom Coronel, in the Dutch city of Almere, the birth place of EVBox. BusinessLine marked the start of our founders Bram and Huub's thrilling ride towards a zero emission world.

### Special feature:

Suitable for simultaneous charging with dual sockets.



### **Public**Line

for public use

Our most recent public charging station is PublicLine ML. Designed at the request of the City of Amsterdam, PublicLine ML is more compact and refined than its predecessor. Since 2010, both Amsterdam and Rotterdam, amongst other cities, took it upon themselves to improve the air quality in The Netherlands. One of the initiatives within these projects, was to expand the charging network to stimulate the adoption of electric cars. PublicLine ML was the chosen one for this endeavor. Today, PublicLine ML has become a familiar face in the Dutch cityscape.



Compatible with any grid network.



### **Charging** Cables

for Type 1 and Type 2 car plugs

Our charging cables are compatible with every electric car with a Type 1 or Type 2 plug, and are available in various capacities and lengths. Weather-resistant and flexible, EVBox charging cables carry a 2-year warranty.

# second **generation**

The second generation of EVBox charging stations is designed to fit any electric car that'll enter the market in the next ten to twenty years. The first charging station in our second generation of products, is Elvi.

Elvi evolves with electric cars. It allows users to upgrade their charging cable and charging capacity, all thanks to its smart "click-on" features and modular build.

Elvi's modular design enables easier and faster installation for both the electrician and the user. The station embodies just three components: the wall dock, the station, and the cable. After Elvi's wall dock is installed by an electrician, the user can simply click on the station and the cable, and Elvi's ready to charge.

Just like EVBox' first generation stations, Elvi makes sure it consumes the available power in an efficient and cost-effective manner.

Elvi will be connected to a brand new management system in this second generation of products, Everon.

Everon will become the industry's first fully user-focused charging management system that allows both station owners and electric drivers to easily track and invoice charging sessions in the palm of their hands.

Elvi and a beta version of Everon, will be introduced gradually throughout 2017. Please visit elvi.evbox.com for the latest updates on the availabilities per region.





### our **team**

EVBox is home to more than 80 employees with over 22 different nationalities, coming from offices across Europe, North America, and Asia. Our team is driven and dedicated, and brings in different sets of expertise in various fields of work. EVBox offers a fast-paced and innovation-driven environment to every team member, empowering an open, flexible, and collaborative culture within the company.

### our **management**



Kristof **Vereenooghe** *CEO* 



Peter van Praet



Arjan **van Rooijen** 



Geraldine Imbert



Johan Langius



Sibu **Janardhanan** SVP North America



Jeroen
Franken
Commercial
Director Netherlands



Stefan **Meers** *Managing Director BeLux* 



Morten
Nielsen
Region
Director Nordics



Fermin
Bustamante
Region Director
Germany / DACH



Jonathan Goose Managing Director UK & Ireland



Franck
Legardeur
Region Director
France &
Southern Europe

















# our **supervisory board**

The EVBox Supervisory Board is composed of experts in business and growth strategies, stakeholder management, and financial consulting within the fields of energy, cloud solutions, enterprise software services, hardware development, and exponential technologies. The role of our Supervisory Board is to monitor (the implementation of) EVBox's performance and progress, as well as to provide consultation on future strategies that will have a lasting impact on our path of growth.



Marc
Akehurst
Innovation Director ENGIE



Robert
Pijselman
Entrepreneurial
investor



Mathias **Lelievre** *President & CEO Ecova* 



Luc **Brandts**Entrepreneurial investor

### a personal note

In September 2014, Gilde Equity
Management Benelux invested together
with its management team in EVBox to
support its growth and expansion.
At that time, EVBox was located in Almere,
and had a headcount of 18 employees.

Although EVBox was a relatively small company, it was recognized as a leader within the Dutch industry of electric mobility. The ambition of the management team, along with the support of Gilde, was to build a leading international EV company.

We recruited a new management team, including Kristof Vereenooghe as EVBox's new CEO. We also selected and implemented a new ERP system, and we documented and executed new processes and procedures. In 2016, the Supervisory Board convened with the management team every month.

Report structures have now been put in place and progress is carefully being monitored. We're confident that the current team is very capable of executing its mission, vision, and strategy.

Today, EVBox has a solid infrastructure in place and employs over 100 employees with offices in The Netherlands, Belgium, France, UK, Nordics, Spain, and the US. Significant investments have been made in the development of next generation platforms and solutions. In 2015, the company relocated to a new office in Amsterdam-IJburg. The company will relocate its headquarters again in 2018, as EVBox continues to grow its organization and its reach worldwide.

On behalf of the supervisory board,

Yours truly,



Robert Pijselman Member of the Supervisory Board

## our stories

Major partnerships, (lack of) government incentives, grassroots interests, and car manufacturers picking up the trend - here's what 2016 brought to our international teams and markets.

It's no longer a matter of "if", but clearly a matter of "when" fully-electric cars will gain popularity in the BeLux. 2016 was the best year ever for the Belgian car market. There were 519,755 new car registrations, of which 9,595 were BEVs (Battery Electric Vehicles). Compared to 2015, this is a spectacular growth of +146% for BEVs (FEBIAC). Yet these figures are still too low compared to the sales of combustion engine cars.

To change this, we need continuous stimuli from our government to promote BEV adoption, and our own persistence in finding the right customers. Since we started EVBox in Belgium back in 2015, we have been able to build a solid foundation thanks to our thought leadership within the international market. Our customers very much appreciate our no-nonsense "mission approach". We listen to their needs first and analyze every case individually to offer the best suitable solution. It's a real pleasure to see that we've already been able to make a great impact on our local market. Our team is thrilled to contribute to the foundation for Belgium's zero-emission future.



Team BeLux Antwerp, Belgium

## Team France Paris, France



Back in 2015, when we started our operations in France, our biggest challenge was to raise brand awareness within the French EV market. Despite our acclaimed reputation overseas, French electric drivers preferred to remain loyal to their French-born companies. In 2016 however, we've seen that both customers and prospectives have since become eager to learn from EVBox, profiting from our seasoned experience within the market of electric vehicle charging solutions.

Presenting on all fronts - from Paris to Monaco - our French team has created strong ties with potential customers and key partners in 2016. And the cherry on top - we've received special thanks from President Emmanuel Macron for the presentation we've given him during the Paris Auto Show. We're ready to pave the way towards a greener, more sustainable France.

A year of Olympic Games, presidential elections, and electric vehicle advancements highlight the most newsworthy headlines of 2016 in North America. Witi over thirty electric-car models available, 2016 was truly the year of realized commitment and dedication to clean transportation from large car manufacturers. The 37% increase in the U.S. and 56% increase in Canada marked a significant jump in EV sales figures from 2015. The increasing demand has finally caught attention from large car-giants like GM, who proved their dedication by announcing the 230+ mile per charge Chevy Bolt two months after Tesla revealed their most consumer friendly and affordable EV - the Model 3

2016 marked EVBox's first full-year in North America, reinstating our global commitment and presence through the building of strategic relationships with local utilities, municipalities, network, and distribution partners. Months of research and engagement within the local market has allowed us to perfect our product offering to affordably and efficiently charge all electric drivers in North America. We are headed toward a busy 2017 after closing out the year by winning a 300-charging station deployment throughout New York State in collaboration with New York Power Authority and EV Connect

Team USA New York, US







### Team NL Amsterdam, NL

### Team UK Manchester, UK

2016 for the UK has been a year of setting out the stal ready for what will be a significant rise in the world of electric drivers. The government target of 1,700,000 EVs on the road by 2020 has some serious traction to reach in achieving this desired utopia, before spring boarding further.

The EVBox message of quality, interoperability, open roaming, and transparency - with a one-card-fits-all RFID solution - has begun to win hearts and minds of not only the public, but also our government and businesses within the private sector.

The Queen's speech talked about making electric vehicle charging obligatory for fuel stations - a welcomed paradigm shift. She also highlighted tangible results of the work we have done as EVBox UK, in terms of breaking the local industry focus away from its outdated proprietary network focus and towards a shift for OCPP and open roaming to mirror the European model.

This has taken flight in the transportation and aviation bill, where we've been a significant contributor and will eventually change how we operate across the country.

This year has also seen our portfolio of products being passed for OLEV funding use, both in the domestic home and in the work place. The future will definitely be centered around those organizations that wish to install quality and future proof solutions, for electric vehicle charging across the country.

On March 31st, 2016, Tesla kicked off the Model 3 and took another bold step towards its mission: to accelerate the world's transition to sustainable transportation. With over 400,000 pre-orders following in the next few months, the turn out proved that electric driving was here to stay. Perhaps a romantic thought, but we like to imagine the CEOs of traditional car manufacturers frantically calling their VPs and fast-tracking the development of EVs immediately after Tesla's announcement.

In The Netherlands, 2016 was the final year in which PHEVs were sold with a somewhat favourable tax benefit. In 2017, these same tax benefits are no longer applicable to PHEVs. Just like the rest of Europe, buying or leasing a fully-electric car is still the most favorable option.

In that sense, 2016 was the year the training wheels came off. There was no influx of EVs being poured into the market because of tax stimuli. Instead, the market was driven by common sense, customers weighing their options and looking for affordable car models, higher range cars, and charging infrastructure.

Since we do not make electric cars, we focused on our own mission and purpose. Together with our partners, distributors, resellers, installers, customers, and advisors, we managed to install and operate more than 10,000 charging points in The Netherlands in 2016. This is both a milestone and a testimonial of our company coming of age.

The Netherlands continues to be an international role model for EV adoption and the implementation of charging infrastructure, with Amsterdam and Rotterdam leading the pack by sporting more than 3,000 charging points apiece. We're proud to call Amsterdam the home of our headquarters, where we play our part in accelerating the world's transition to sustainable transportation.

## Team Nordics Copenhagen, Denmark



EVBox entered the Nordics in August 2016, and we've already left a good amount of (green) traces in both the Swedish and Norwegian markets. With key partners such as Vattenfall, Energiplan, and Rexel, we've managed to close some important deals. We currently have hundreds of installations throughout Scandinavia, and we're rapidly becoming a well-known player in the industry.

In 2016, Denmark registered a total of 1,438 units, which unfortunately was a 70% drop in comparison with 2015. Norway however, sold a whopping 45,662 units, with an EV market share of 29.5% (largest in Europe). Sweden's sales were up 51% to 13,615 units, with an EV market share of 3.6%. Finland registered 1,705 units, which is an EV market share of 1.2%. These figures may seem small, but they clearly show that Finland is on the right track.

Our look into 2017 is optimistic. This will be the year in which we expand our presence in Norway and Sweden, as well as to Finland and Denmark





# #**EV**proud

With an average growth of 115% in our social following base, we saw more engagement, more content, and more fun across our social channels in 2016. Here are some of the memorable moments of the year we're proud to call #EVproud.

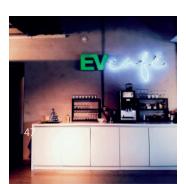


O EV-Box

One of our #engineers George graduated today with a 9/10 for his Master's Thesis @tudelift #EVproud #cleantech #EVSE #InductionCharging



3 DE CO. 20 Day 2016





2016 was a year of many firsts. We can't wait to get rolling in 2017. Happy New Year! #EVproud #GoElectric #GoGreen



1001 AM -31 Dec 3016

O EV-Box

@rotterdam to build up to 4,000 #chargingpoints w/ our partner @engieservicesnl; buff.ly/2dcBwCO #EVproud



1 3 T R R



C EV-Bo

Long live the #king, #orangeisthenewgreen #Kingsday2016 #kingsday #EVproud



### O EV-Box

We've placed our 40,000th #chargingpoint @centralpark\_rbl buff.ly/29CvpVE #EVproud #eatsleepcharge



O EV-Box

Our 466% growth rate just took us to the top of the #cleantech #Fast50 awards! Thanks so much @Fast50NL for this incredible honor! #EV/proud



O EV-Box

We celebrated the official opening of our HQ @AmsterdamNL last week! buff.ly/10TAdz9 #EVproud #emobility



O EV-Box

EV-Box team getting ready and excited to swim 2km in #Amsterdam canals for @AmsterdamCitySw 2016! #ALS #ACS16



127 PM -11 Bep 2018

O EV-Bo

Our US Director @TimKreukniet testified for @BPEricAdams yesterday, to get more #EV #chargingpoints in #Brooklyn.

O EV-Box

We've opened #UK's & #Ireland's first #evbox #office! buff.ly/25tIRQ1 #EVproud #EVcharging



8:10 PM - 30 May 2016



O EV-Box

We're attending @cop22 w/ 20 #evbox #chargingpoints to help #Morocoo expand its charging #infrastructure! buff.ly/2ewiUKI



O EV-Box

We braved the cold like a pro at today's #evbox photoshoot. #mannequinchallenge #betterlatethannever #EVproud



11 E 1 E 1 E 1



EV-Box

#Norway & #NL want to #ban #petrol & diesel cars. Full video: youtu.be/on83sReiJXk #GoElectric #cleantech #EV



## what's next

With the ever-expanding electric car market, it seems like nothing's stopping drivers to conver from combustion to clean. Over the past few years, financial incentives have been one of the main drivers for West-Europeans to go electric. Yet a few local governments started skimping on subsidies in recent years, amongst which The Netherlands and Denmark. This affected the overall sales in the EU last year, which underperformed compared to the spectacular growth rate of 99% back in 2015.

In California, even the most generous rebates seem not to be as effective as hoped for. Unsurprisingly, the rebate system there, seems to be affected by people's (mis)conception and unawareness about electric cars. However, this is only a result of tougher state requirements and unsettling policy changes that cause car makers to become reluctant in selling (and promoting) zero-emission cars. It's a chicken-and-egg situation.

On the other end of this debate, it's fair to say that the lack of charging points still is a significant road block for drivers to go electric. This is a problem that requires public regulation.

Governments are needed more than ever to stimulate the rEVolution in the coming years. Both in incentives and infrastructure. For us urban citizens, this fundamental shift in our modes of transportation is becoming very real. And it's something we need to be prepared for. Charging our cars should be as easy as charging our phones. Only then, we'd be able to get more on board.



### International roaming

One of the solutions would be to enable roaming between service providers. This means that regardless the charge card provider, everyone will be able to charge at every charging station domestically and internationally, as long as the car and charging cable allow.

#### **Direct payment**

We should also enable direct (mobile) payment. Drivers should be able to pay any charging session with any method, hasslefree. Instead of reinventing the wheel, we can utilize exisiting location apps (e.g. Google Maps) to provide charging statuses and exact routes to an available charging point. Apple has already implemented this feature for its Maps in the UK. There are no business models made yet to make this 99% correct. But user rating, just like we would rate a restaurant or hotel, could be a solution.

### Businesses follow the trend

Charging network providers have always stressed the importance of having charging facilities at commercial parking areas, workplaces, as well as at home. After all, what better way to make use of the time you spend working, shopping or sleeping, than to charge your car? We've been doing the same thing with our phones for years. It's a matter of time before businesses and parking operators abroad will realize that they need to accommodate electric drivers, not just out of hospitality, but out of necessity.

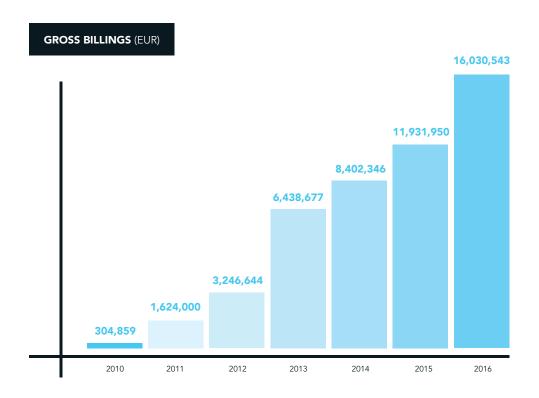
### AC (regular) versus DC (fast) charging

By 2020, most electric cars will be equipped with a 60-80kWh battery. To accommodate these cars, we simply need a lot of power. Electric cars don't need to be charged all at the same time. With algorithms, charging operators can control when and which car should be charged, and help the grid to control energy usage. They could even have the driver decide whether to charge AC or DC through a secondlife battery, that accummulates enough power to offer DC charging. It would be counterproductive to say one charging method would be obsolete in the future. This would discourage cities to make incentives. On top of that, it wouldn't be good for the environment, nor the maintenance and operating budgets, to deploy charging stations at every single parking space. This is why the expansion of regular charging infrastructure would require careful urban planning.



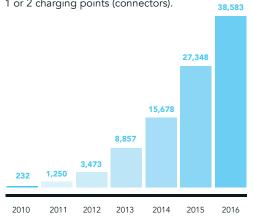


# growth metrics



### **EVBox INSTALLED BASE** (cumulative)

This overview includes the absolute numbers of EVBox charging stations that are installed and operating. 1 EVBox charging station may carry 1 or 2 charging points (connectors).



**Note:** As opposed to our Annual Report of 2015, the above overview excludes all EVBox demo units and inactive charging stations.

### **CHARGED kWhs EVBox CHARGERS** (yoy)

