

山西 西安新能源汽车可上公交道公共停车场限时免费停

Xi'an allows new energy vehicles to be on the public bus lane so on



西安个人购买使用新能源汽车，除了按照国家标准在购买时进行补贴外，可免征车辆购置税、免征车船税、免125元/辆的牌照费、补贴充电桩建设费用等，还可在市内公交车专用道上行驶。另外，方便新能源汽车充电停放，计划在全市公共停车场及商场等设置新能源汽车专用停车位，新能源汽车在全市公共停车场停放一定时段内可免费。

For private purchase of new energy cars in Xi'an, subsidies will be provided according to the national policy. Moreover, buyers can be exempted from the vehicle purchase tax, license plate fee of RMB 125 / car, and charging pile construction fee. The new energy car can drive on the public bus lane. The free parking can be provided for these new energy cars in the public parking lot in the city for a certain period of time.

北京 明年起双源无轨公交车将获政策补贴

Beijing to provide policy subsidy next year for dual-source trackless public EV next year



北京公交系统的无轨电车正在回归。北京公交未来将大力发展双源无轨电车，因为它实际上比纯电动车更环保。而按照计划，预计到2017年，北京公交集团的公交车保有量是2.1万辆，其中清洁能源车将达到6000辆，而双源电动车会占到其中的3000辆。明年起双源无轨电车可获得国家和地方各30万元的补贴。

Beijing public transport system's trolleybus is making a comeback. Beijing public transport industry in the future will largely develop the dual-source trolley buses, because they are actually more environmentally friendly than pure electric vehicles. And according to the plan, by 2017, in Beijing Bus Group, the number of public buses in ownership is 21000, including 6000

clean energy buses, of which there will be 3000 double-source electric vehicles. From the next year, dual-source trolley buses will receive the subsidy of 300000 yuan, nationally and locally, respectively.

河南 电动汽车可申请报装享受“私人定制”充电桩

Henan: Electric cars may enjoy a private-custom type charging pile



河南省推出汽车充电桩“私人定制”业务，全省人们只要携带相关证件，就可以到供电营业厅申请报装“私人充电桩”。若满足供电条件，当地供电公司 will 免费提供勘查、设计、装表、接电全程服务。不过需要提醒的是，在城市小区居住的居民，要想安装充电桩，必须提供自有产权或拥有使用权的停车位(库)产权证明。

The private custom business is launched in Henan for vehicle charging piles. The users can show their relevant certificates to apply for the installation of the private-custom type charging piles. If the requirements are met, the local power company will provide for free of charge the services, including survey, design, installation, and electric connection etc.

What need reminds is, however, that the residents in the urban area shall show their certificate of the parking lot or space with the property or use right in applying for the installation of the charging pile.

天津 市民可贷款买新能源车

Tianjin citizens can loan to buy new energy vehicles

在天津，新能源车的贷款与传统燃油汽车流程并无区别，贷款利率也一样，时间越长“利息”越高，1年4%，2年8%，3年11.5%，以上为手续费，并无其他费用，首付三成。而且自主品牌的企业，还针对贷款购车用户给予“利息”补贴。

In Tianjin, the new energy car is the same as the traditional fuel car in the loaning process. Their loan interests are the same. The longer the time, the higher the loan interest. The rate is 4% for one year, 8% two years, 11.5% three years. The down payment is 30%. For the cars makers having independent brands, the subsidy for the load interest will be provided.



浙江 杭州买电动汽车单独装电表享谷电价

Hangzhou, Zhejiang: EV can separately installed with a electric meter and enjoy the valley electricity price

杭州的纯电动汽车和插电式混合动力汽车的车主，都可以申请“单独设表”。私家车主在自家车库里或是固定车位上配套安装充换电设施，都可以单独设立一只新电表，用电执行居民生活电价，同时还可以享受峰谷电价。供电公司提供勘察、设计、装表、接电等全过程服务，不收取任何服务费用。

In Hangzhou, owners of pure electric vehicles and plug-in hybrid vehicles can apply for a separate electric meter installed. This meter can be installed in the charging and battery change facilities in their own garage or fixed parking space. They can enjoy the valley electricity price. The power supply will provide for free of any service fee the services including the survey, design, installation and electric connection so forth.



湖北 武汉新能源汽车不限行且免通行费

Wuhan, Hubei: New energy cars are unlimited and free of tolls in run

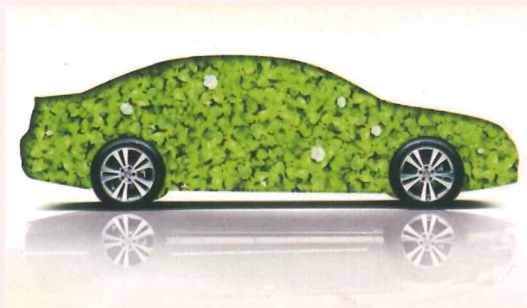
武汉发布《武汉市人民政府关于鼓励新能源汽车推广应用示范若干政策的通知》，规定武汉市单位及个人购买新能源汽车，将按国家补贴标准的1:1给予地方配套补贴，国家和地方财政补助总额最高不超过车辆销售价格的60%。此外，武汉市新能源汽车还将免征车船税，免收城市道路桥梁隧道车辆通行费，在市内行驶时不受尾号限制，可免费在指定的公共充电设施场所充电。

Wuhan government issued a notice about several policies on encouraging the promotion of new energy cars. It specifies the local subsidy will be provided for the individuals and units. The local subsidy will be equal to the national subsidy in amount. The maximum subsidy will not be more than 60% of the car price. In addition, Wuhan will exempt new energy vehicles from the car and ship tax; urban road, bridge and tunnel tolls; and so forth. In Wuhan, new energy cars are not restricted in the tail number; and can be charged



黑龙江 9月购电动汽车享车船税和消费税优惠

Heilongjiang to province vehicle tax and consumption tax breaks in purchase of EV in September



自2014年9月1日至2017年12月31日，黑龙江省将对纯电动汽车、插电式(含增程式)混合动力汽车和燃料电池汽车免征车辆购置税。此外，消费者购买新能源汽车还将在车船税、消费税等方面享受优惠。此外，哈尔滨今年起至2016年，政府机关及公共机构购买的新能源汽车占当年配备更新车辆总量的比例不低于30%，以后逐年扩大应用规模。

From September 1, 2014 to December 31, 2017, in Heilongjiang province, pure electric vehicles, plug-in (including range-extended) hybrid vehicles and fuel cell vehicles will be free of the purchase tax in their purchase. In addition, consumers who purchase new energy vehicles will enjoy the breaks in the vehicle tax, consumption tax, and etc. In Harbin, from this year to 2016, the proportion of the new energy vehicles purchased in government agencies and public institutions will not be less than 30% of the total vehicles equipped or updated in the current year, and this figure will increase annually in the future.

北京 建立体停车库破解充电难题

Beijing to build the parking garage so as to solve the the charging problem



北京市交通委将对通州北苑P+R停车场、4号线安河桥北、大兴线新宫、昌平线西二旗、八号线霍营、安河桥北站、新宫站等车站的P+R停车场进行改造，今年的改造都完成后，预计北京的P+R停车位将增加至近1万个。以上停车场还将增设充电设施，包括20个慢速充电桩和5个快速充电桩，以满足电动汽车车主的需要。此外，北京市要求新建小区停车位配建充电桩的不低于18%。

The Beijing Transport Authority will renovate P+R parking lots in bus stations for some places, including Tongzhou Beiyuan, Anheqiao North, Xingong, Xierqi, Huoqing, and etc. After such renovation, the number of P+R parking spaces will increase to nearly 10000. These parking lots will also add the charging infrastructure, including 20 slow charging piles and 5 quick charge piles so as to meet the needs of the electric car owners. In addition, Beijing requires that the ratio of charging piles in the newly built area be no less than 18%.

香港 100个公共电动汽车中速充电器8月投入服务

Hong Kong: 100 public electric car chargers into use in August



香港环保署宣布合共100个新的中速充电器由8月1日起供公众使用，为电动车充电。相对标准充电器，这些中速充电器可以减少充电时间约达六成。香港市面上的新能源汽车在公共领域投放的是比亚迪公司提供的纯电动大巴K9和纯电动出租车e6，私人领域的新能源汽车主要为日本纯电动汽车Leaf(聆风)和丰田Prius(普锐斯)。

Hong Kong Environmental Protection Agency announced a total of 100 new medium-speed chargers would be into public use from August 1. They are used to charge the batteries of electric vehicles. These medium speed chargers can reduce charging time by about sixty percent. In Hong Kong, new energy vehicles are BYD K9 pure electric buses and e6 pure electric taxis. In the private field, the new energy cars are pure electric cars from Japan (Leaf and Toyota Prius).

安徽 合肥出台工程竣工查验办法充电桩成标配

Hefei, Anhui to issue regulations for completed project inspection



合肥市即将出台《合肥市建设工程竣工联合查验实施办法(试行)》，充电桩等小区配套将全部纳入联合查验范围，成为建设工程交付前的必备程序。

新规适用于合肥市区(不包括高新区、经开区、新站区)范围内新建、改建、扩建的建设工程。

这意味着新建小区在启动交付的时候，充电桩、电梯、绿化等配套设施，就必须获得相关部门的把关通过，才能通过联合查验。

Hefei will issue the joint inspection measures for completed projects in Hefei (trial). These measures include the charging piles and other supporting facilities into the scope of the joint inspection. These are a necessary procedure before the delivery of the project.

These new measures apply to the projects which are newly built, renovated and expanded in the urban areas of Hefei (not including high-tech zones, economic development zones, and so forth).

This means that, at the delivery of the newly resident zone, the supporting facilities, including

charging piles, elevators, and landscapes so forth should be approved by the relevant authorities.

山东 全国首条换电模式城际电动公交线青岛莱西开通

Shandong: China's first inter-city electric bus (battery change mode) route opened in Laixi, Qingdao

充换电站项目总占地面积14545平方米，建设规模一期服务60辆(远期160辆)电动汽车。充换电池过程由机器人完成。莱西市长途汽车站与青岛汽车东站相距约100公里，两端各建设一座充换电站为城际电动车服务。客运班线工作时间为每天6时至19时，青岛与莱西对发，每20分钟一班，每日每班车运行两个来回，在等待发车的间隙完成电池换电。

The charging and battery change station project covers an area of 14545 square meters. Phase I will serve 60 (160 in the future) electric cars. The charging and battery change process will be accomplished by robots. Laixi Long-distance Bus Station is about 100km from Qingdao East Bus Station. Each station will build a charging and battery change station for serving the inter-city electric buses. The working time of the route is 6AM to 7PM every day; one bus begins to run every 20 minutes alternately in each station. Each bus can go and return twice per day. In the time of waiting for departure, the battery charging process will be completed.



豫/粤/湘 低速电动车获补贴全国政策环境趋好

Henan, Guangdong, and Hunan: Low-speed electric cars are provided with subsidies

河南驻马店市允许低速电动车上牌上路，并有条件的对车型进行补贴：前100台纯电动乘用车的购买者可获一次性财政补贴1万元，之后第101至480台每台给予5000元补贴。补贴车型限于驻马店市内的电动汽车生产企业生产。

佛山前100辆车的购买者将一次性获得政府高达2万元的补贴和厂家提供的优惠。100名以后的购买者，也可享受到政府不超过1万元的补贴。

Zhumadian, Henan allows the low-speed electric vehicle on the road and provide subsidies on some of them meeting relevant requirements. First 100 buyers of pure electric vehicles can get one-time subsidies of 10000 yuan per car, 101st to 480th buyers 5000 yuan per car. Car models subsidized are limited to those produced by makers in Zhumadian City. In Foshan, first 100 buyers will get one-time subsidies of 20000 yuan per car from the government and the discount from the manufacturers; 101st and later buyers will get subsidies of not more than 10000 yuan from the government.



北京 今年新增1300辆电动出租车

Beijing this year will add 1300 electric taxis

今年北京市计划新增1300辆电动出租车，市交通委已完成800辆区域电动出租车在通州等7个区县的指标分配，而市交通运输管理局正在研究市区500辆电动出租车的运营模式。

市科委联合市发展改革委，全面推进充电基础设施建设。2014年底前将完成1000个快速充电桩建设，在五环内初步建成5公里半径快速充电网络，解决“里程焦虑”。

This year, Beijing plans to add 1300 electric taxis. The transport authority of this city has assigned 800 electric taxis in 7 districts or counties including Tongzhou. Now, this authority is investigating the operation mode of 500 electric taxis in the urban area.

The science and technology commission works with the development and reform commission in the city to fully promote the construction of the charging infrastructure. By the end of 2014, 1000 quick charging piles will be completed in construction. Within the 5 rings, a quick charging network having a radius of 5km will



北京 电动汽车应急充电救援车10月上路

Beijing: Emergency charging vehicle on the road in October

北汽将与中石化合作，在北京三环以外东西南北四个方向建设充电站，充电桩与加油设施会保持一定间隔；三环以内区域则以移动充电站、应急充电救援车和电动车分时租赁网点来缓解充电难，其中应急充电车十月份将正式上路，为电池耗尽而趴窝的车辆提供救援服务。

移动充电站可以同时为8到10辆车充电，既有慢充又有快充，主要在大型停车场布设，当储存电量耗尽后，新的充电车开过来又可以继续作为移动充电站为电动车提供充电服务。

BAIC will work with Sinopec to build charging stations outside the third ring road in Beijing. Charging piles and refueling facilities will maintain a certain interval. Within the third ring road, the mobile charging stations, emergency charging vehicles, and electric vehicle charging lease points are used to address the problem of the difficult charging. Of which, the emergency charging vehicles will be officially on the road in October to provide the emergency charging services.

Mobile charging station can serve 8 to 10 cars at the same time. The charging can be slow and quick. These charging stations are installed in the large parking lots. When the stored electricity is fully used, the new charging vehicle will come to provide the charging service for the electric vehicle.



印度 政府计划为电动汽车业提供23亿美元补贴

Indian government plans for electric car industry to provide subsidies of USD2.3 billion



为减少污染和石油消耗，印度政府计划为购买电动和混合动力汽车提供补贴，该补贴计划预计为1400亿卢比(约23亿美元)。

印度于2001年推出了第一台自主研发的电动汽车Reva，由私营企业Reva电动汽车公司(RECC)生产，该公司2010年被印度第二大汽车企业Mahindra收购。然而，由于高成本、最高时速低、行驶里程短、缺乏补给的基础设施等因素，目前印度电动汽车的年销售量仅约500辆。

To reduce the pollution and oil consumption, the Indian government plans to provide subsidies to buy electric and hybrid vehicles. The subsidy program is expected to provide the subsidies of 140 billion rupees (USD 2.3 billion).

India in 2001 launched the first electric car REVA which was independently researched and developed. It was produced by RECC as a private enterprise.

This company in 2010 was acquired by Mahindra, India's second-largest

company. Due to the high cost, low top-speed, short mileage, and a lack of infrastructure, the number of electric cars sold in India is only about 500 per year.

韩国 设计折叠式Armadillo-T型电动车

South Korea to design Armadillo - T electric vehicle which can be foldable



韩国国科学技术高级研究院(KAIST)模仿犰狳面对捕食者威胁时卷成球形的独特防护特征。Armadillo-T能够折叠起后部的车身，使原本2.8米长的车身收缩成1.65米。

Armadillo-T拥有四轮驱动模式、两个座位和四个轮毂电机，电机都安装在车轮内侧，13.6kWh容量的锂离子电池安装在前侧，最高时速为60公里每小时，最大行程为100公里。

KAIST of South Korea imitates the armadillo which rolls into a ball when facing a threat from predators. Armadillo - T electric vehicle can fold up at the back of the body, making it to become from 2.8 meters to 1.65 meters long.

Armadillo -T has a four-wheel drive mode, two seats and four wheel-hub

motors. The motors are installed in the inside of the wheel. The lithium-ion battery of 13.6 kWh is installed in the front side. The top speed is 60 km per hour, and the maximum mileage 100 km.

德国 i8启动预售售价约为220万元

Germany initiated a pre-sale of i8 with the price of about RMB 2.2 million yuan



从8月18日起正式接受预定。根据配置不同，i8预售价格为200万元至220万元，同时充电设备及基础安装服务将随BMW i品牌的车辆免费提供给客户。

i8可在4.4秒内从静止加速到100公里/小时，欧盟标准循环测试中的综合百公里油耗为2.1升，二氧化碳排放量为每公里49克，相当于一部紧凑级内燃机车型。

在纯电驱动驾驶模式下，BMW i8的续航里程为37公里，最高车速可达120公里/小时。

From August 18, it formally accepted the reservation. According to different configurations, i8 pre-sale price is RMB 2 million to 2.2 million yuan. The services including charging equipment and basic installation will be supplied with BMW i brand vehicles for free of charge to the customers.

i8 can be within 4.4 seconds to accelerate from 0 to 100 km/h. In the cycle test specified in the EU standard, the comprehensive oil consumed per 100 km is 2.1 litres, carbon dioxide emissions are 49 grams per kilometer. In this regard, it is equivalent to a compact grade internal combustion engine vehicle.

In the pure electric drive mode, the mileage of BMW i8 is 37 kilometers. Moreover, the top speed is 120 km/h.

德国 将出台电动汽车法拥有诸多优先权 Germany will introduce a law electric cars

德国将出台电动汽车法，联邦交通部和环境部已于8月1日向有关联邦部提交法案征求意见稿，新法有望于2015年2月生效。届时德电动车将拥有诸多优先权，如有权使用公交车道、免费专属停车位、限制通行区域豁免权等，电动车也将拥有特殊的车牌。德政府曾确定到2020年上路电动车数量达到100万辆的目标，但目前进展缓慢，截至今年初上牌电动车仅为1.2万辆。

Germany will introduce a law of electric vehicles. The department of transportation and the department of environment have been on August 1 to submit a draft bill. The new law is expected to take effect in February 2015. This law will give more priorities for EV, such as the right to use bus lanes, free parking space, and so forth. Also, electric vehicles will have special license plates. The German government has determined that, by 2020 the target will be 1 million electric vehicles on the road, but now the progression is slow. As of early this year, the number of registered electric vehicles was only 12000.



美/日/欧 八汽车巨头加盟EPRI The United States, Japan and Europe: 8 giants join EPRI

近日，八家汽车巨头本田，宝马，克莱斯勒，通用，福特，奔驰，三菱和丰田宣布同其他7家企业共同成立电力科学研究院 (EPRI)，来制定和完善混合动力和纯电动汽车的仪表、内部结构、充电等相关标准。

Recently, eight auto giants (including Honda, BMW, Chrysler, GM, Ford, Benz, Mitsubishi and Toyota) announced that they would jointly set up the electric power research institute (EPRI), so as to develop and improve the standards relating the instrument, internal structure and charging so forth in hybrid and pure electric vehicles.



德国 启动世界首个加氢站量产计划每年将建50座加氢站 Germany launched the production plan of the world's first hydrogen station

7月14日，来自德国的大型工业气体制造商林德公司(Linde AG)启动了世界首个加氢站设备小规模量产计划。该加氢设备使用IC 90活塞压缩机。这种压缩机通过离子液体(液体盐)进行工作。由于这些离子液体的蒸汽压几乎可以忽略，该液体不会挥发或与氢气混合在一起。

未来林德公司每年将可以制造50座加氢站。专家预测，至2018年，仅在欧洲范围内，氢燃料电池车的保有量将达到数万辆。

On July 14, Linder AG as a large-scale manufacturer of industrial gases from Germany launched the small-scale production of the world's first hydrogen station equipment. The hydrogenation equipment uses the IC 90 piston compressor. This kind of compressor can work through the ionic liquid (liquid salt). Due to the vapor pressure of the ionic liquid which can be almost ignored, the liquid will not evaporate or mix with hydrogen.

Linde every year will be able to make 50 hydrogen filling stations in the future. Experts predict that by 2018, only within Europe, the number of hydrogen fuel cell cars in ownership will reach tens of thousands.



美国 特斯拉电动汽车超级电池厂或将落地内华达州

Tesla electric car super battery factory may be located in Nevada, the United States



内华达州官员计划于当地时间周四下午4点在Carson City举行新闻发布会。内华达州很可能向特斯拉提供了美国汽车行业有史以来力度最大的优惠待遇，以吸引该公司前来建厂。此前，内华达州的汽车制造工业并不发达。新工厂计划雇佣6500名工人，每年生产35千兆瓦时的电池。实际上，这处工厂的产能预计将超过目前全球的锂电池产能。

Nevada officials plan to hold a press conference at 4 PM on Thursday in Carson City. Nevada is likely to provide the biggest preferential treatment in the U.S. auto industry for Tesla in order to attract this company to build a factory in it. Previously, Nevada's automotive industry was not developed. The new plant plans to employ 6500 workers, and have an annual production of 35000 megawatts of battery. In fact, this factory's production capacity is expected to be more than the current global lithium battery capacity.

以色列 新电动汽车试驾连续开3千公里

Israel's new electric car can continuously 3000km in a test drive



以色列的Phinergy公司和加拿大的Alcoa公司新发明了一种铝制的充水电池，这种电池体积较大，重约100公斤，它储存的电力可供汽车行驶最长达3,000公里。

这种电池的汽车仍需保留锂电子电池，铝电池只在锂电池电量耗尽后才启动，因此可以用很长时间，期间只需每月加注清水。通常在一年左右达到使用极限后，则要到服务站更换充满电的铝电池。

Alcoa of Israel and Phinergy of Canada invented a new aluminum water-filled battery which features a large size, weight of about 100 kilograms, and mileage of 3000 kilometers by the stored electricity.

The car using such battery still needs to use the lithium-ion battery. Such aluminum battery can be used only after a full use of the electricity stored in

the lithium battery. Therefore, it can be used for a long time during which water is filled a month. Usually after a year or so, it should be replaced by the aluminum battery which is fully charged.

美国 媒体敦促丰田召回17.8万辆混动凯美瑞

American media urged Toyota to recall 178000 Camry hybrid cars



美国《消费者报告》指出，尽管丰田延长了2007至2011款混动版凯美瑞的保修期，但这依然不足以解决问题。《消费者报告》认为，丰田应该对相关车辆展开召回，这些车辆中至关重要的安全系统存在一系列的缺陷。

在接到59起关于助力制动间歇性失灵的投诉后，NHTSA对3万辆2007至2008款混动版凯美瑞展开了初步调查，该机构称其仍在对相关数据进行评估，未来将采取必要措施。

American Consumer Report pointed out that although Toyota extended the warranty period for 2007-2011 version Camry hybrid cars, the problem still existed. Consumer Report thought that Toyota should recall the relevant vehicle, because these vehicles had a series of defects in the critical safety

system.

After receiving complaints about the intermittent failure of the assisted braking system, NHTSA launched a preliminary investigation for 30000 Camry hybrid cars of 2007-2008 version. This agency says it is still in the evaluation on relevant data and will take necessary measures in the future.

法国 公共区域设电动车充电站免收土地租金 French public area set up with electric vehicle charging stations

法国政府通过法案，免除公共区域建设电动车充电站的土地租金。这一政策将不仅适用于国有企业，也适用于国家参股的混合所有制企业。

目前，法国有一万个电动车充电位，法国政府希望在2030年将充电点增加到700万个。

The French government approved a law to exempt the land rent from the construction of electric vehicle charging stations in public areas. This policy will apply to not only the state-owned enterprises, but also ownership-mixed enterprises.

At present, France has ten thousand sites for electric vehicle charging. France government hopes that, by 2030, the number of the sites for charging will increase 7 million.



西班牙 跃升欧洲电动车生产国龙头 Spain to become a leader of electric car producers in Europe

根据西班牙汽车制造商同业公会(Anfac)资料显示，尽管西班牙2013年电动车仅售出854辆，近两年却生产16000辆电动车，是欧洲电动车的主要生产国。

全球电动车销售去年前12名依序为：美国45144辆，日本16816辆、法国13173辆，之后是挪威、德国、中国、英国、荷兰、瑞士、意大利、加拿大和西班牙。

According to the information from Spanish steam truck manufacturers' association (Anfac), Spain sold just 854 electric cars in 2013, 16000 electric cars were produced in nearly two years. Therefore, it is a major producer in Europe of electric vehicles.

The rank in the number of electric cars sold in the world: the United States (45144), Japan (16816), France (13173), followed by Norway, Germany, China, Britain, the Netherlands, Switzerland, Italy, Canada and Spain.



荷兰 将建201个快充站50公里之内就有一个 The Netherlands to 201 fast charging stations with one built within 50 km

荷兰目前正规划全国性的充电站建设计划，到2016年底，荷兰国民将能在全境享用201个快速充电站，50公里之内就有一个快充站为车主服务。

这些快速充电站将由荷兰当地的Fastned与瑞士ABB两个工业集团负责建设安装。每个快充站的建造成本为270,000美元，201个快充站总耗资约5500万美元。Fastned的收费标准为每月137美元，即每次充满电约14美元。

The Netherlands is currently developing a nationwide charging station construction plan. By the end of 2016, the Dutch people will be able to use 201 fast charging stations. The fast charging station is built within 50 km to provide services for car owners.

These fast charging stations will be built by Fastned and Swiss ABB. The construction cost of each fast charging station is USD 270000. For 201 quick charge stations, the total investment capital is about USD 55 million. Fastned will charge a fee of USD 137 a month, where each full charge is priced at about USD 14.

