

GreenTech Automotive launches tiny electric car with help of Bill Clinton

The Enviro Friendly Blue Motion VW Golf seats two and goes 1,500km on a single Tank!

The car VW Golf with create thousands of jobs in the USA and later the company will build a gigantic factory in China.



SMART 42 goes Electric



The concept of a parking tower full of tiny vehicles, dispensing them at street level is new in Australia.

Smart used just such a building to store its vehicles at Smart dealerships all around Europe when the vehicle was first

released. Now, China is using a similar system for tiny electric cars (via Treehugger), as part of a car...

Kandi electric car (Kandi Technologies Group)



Japan makes small cars like no other country because they have to.

The nation's Kei-jidosha car class was set up to make a car that was cheaper to run, easier to own and small enough to ease parking and congestion. The New York Times, states these cars could be under threat.

The Japanese government worries the popular kei is a distraction for Japanese car makers, who should concentrate more on products also viable for export. Japan's has cultivated market conditions in which its special minicars thrive.

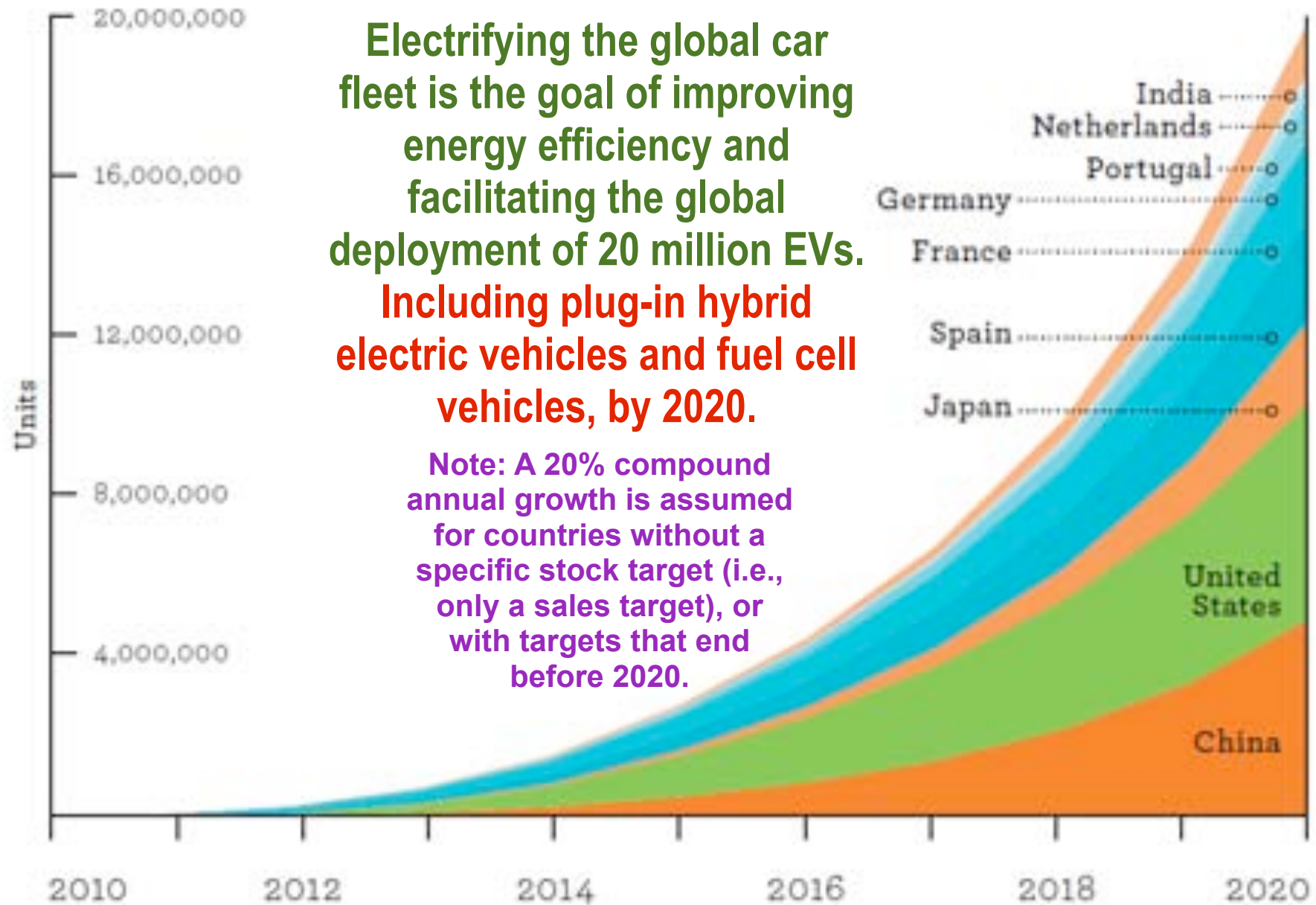
Kei-jidosha cars are a maximum of 11.2 feet long, 4.9 feet wide and 6.6 feet tall.

Maximum engine size is 660cc, and all are restricted to 63 Horse Power.



Electrifying the global car fleet is the goal of improving energy efficiency and facilitating the global deployment of 20 million EVs. Including plug-in hybrid electric vehicles and fuel cell vehicles, by 2020.

Note: A 20% compound annual growth is assumed for countries without a specific stock target (i.e., only a sales target), or with targets that end before 2020.



Navigant : the US green-car mecca Is Indiana not California.

Where drivers enjoy an average savings of \$0.11 per mile over the average gasoline car. The state with the lowest savings over gasoline--Hawaii--that number is much lower, at \$0.03 per mile .Taking into account current government incentives, 12,000 miles of annual travel, maintenance-cost reductions, and an average \$12,000 premium for plug-in electric cars. Navigant expects Indiana drivers to see a return in 4 years.



Battery Electric and Plug-in Hybrid Electric Vehicles: OEM Strategies, Demand Drivers, Technology Issues, Key Industry Players, and Global Market Forecasts. Automotive manufacturers are looking to move plug-in electric vehicles (PEVs) from expensive early adopter vehicles to more of a mass market mode of personal transportation. Following several years of significant investment in engineering development and marketing resources, the PEV market was launched in 2011 with production volume of more than 20,000 PEVs, an all-time record for such vehicles.



Plug-in Electric Vehicles

Electric cars lessen dependence on fossil fuels, but what about grid electricity? Will E-cars overwhelm power grids? No despite studies to the contrary US data has shown no increase so far.



Perhaps in the next decade, it will not increase ?

225 million motor vehicles (including 106 million cars) registered in China in 2010 road fatalities per 100,000 motor vehicles remained on a very high level, at 27.8.



The 2013 Honda Fit EV, an electric version of the popular Honda Fit. It will shortly be available for lease in California and Oregon. With a production volume of only 1100 vehicles over the next three years. A "compliance car," meeting California's ZEV rules.



Renault 'HyKangoo' electric delivery van with Symbio FCell hydrogen fuel-cell range extender

Hydrogen fuel cells have often been viewed as alternatives to large battery packs for powering electric vehicles. But what if a small hydrogen fuel cell could be used in a battery-electric vehicle--solely as a range extender? The French postal service, La Poste, is about to test that concept in 3 delivery vans.



China Leans On Automakers To Produce Electric Cars. But Infrastructure Lags



Beijing, China. Teams Receive Their Electric Race Cars.

There are now just four months to go before a new, global all-electric race series gets underway with ten teams competing. The standardized car should mean close racing in the first year. Spark-Renault is confident the car's design and systems are up to the rigors of racing.



Suzuki Every Electric Car Does 800 Miles, a New Japanese Record

A few years ago, an electric car achieving 300 miles on a charge was unheard of. That made this Tesla Roadster very special, even if the average speed was of 18 mph.

Now, you can do that with a Tesla Model S and a few eco driving techniques.



Stand-up scooters just got real –commuting !

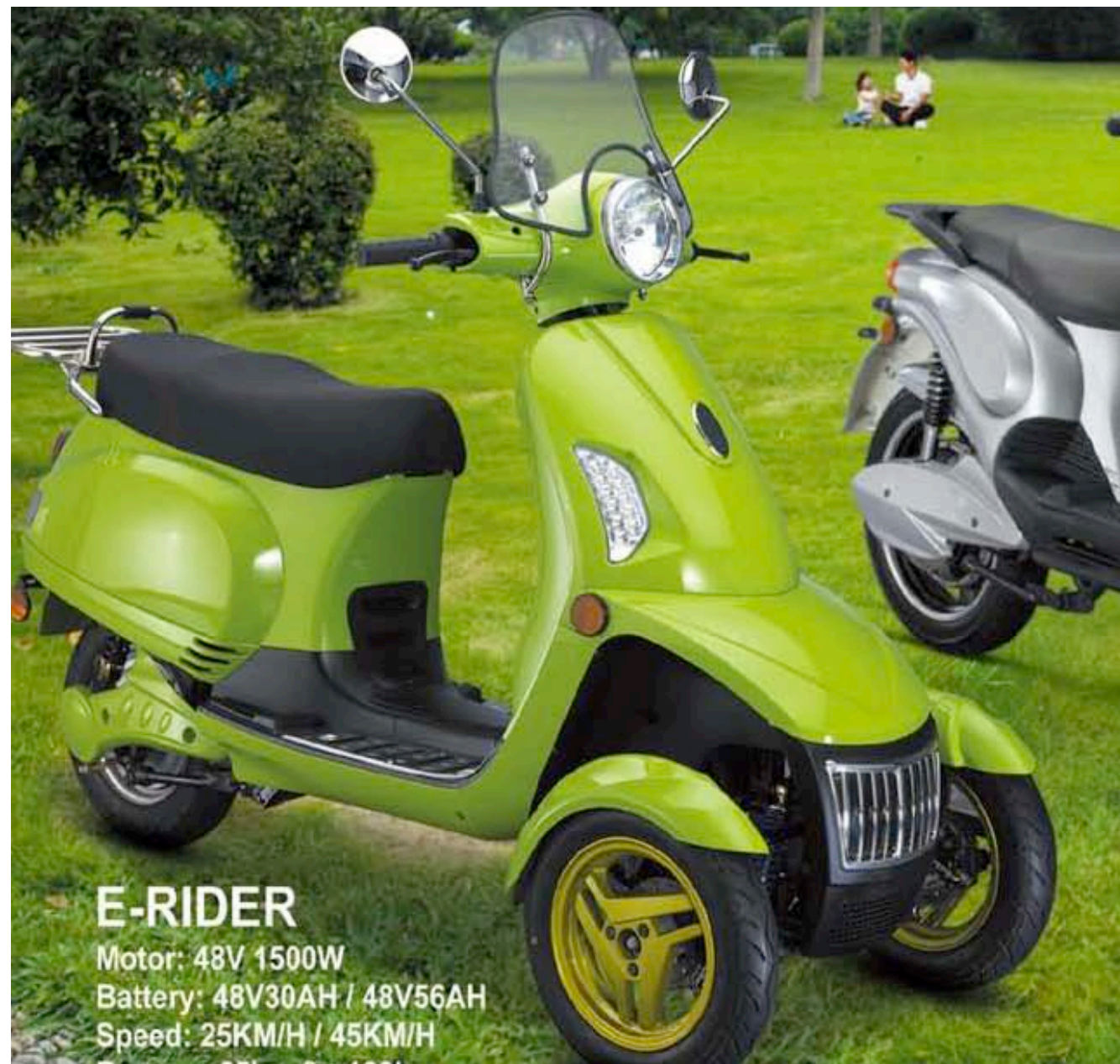
The Rover
stand up
scooter.
From
Works
Electric
Scooter
has
style and
speed.

Much more than
geek sweetness
to make a strong
argument for a
new two-wheeled
urban commuter



Forget Red Ferraris. Men Driving Green cars attract Women
indeed, women liked miles per gallon more than horsepower.
A British survey finds that a total of 2,000 adults from the UK were surveyed. Of that number, the majority of women's choice was the Toyota Prius hybrid & Nissan Leaf electric as the best green cars





E-RIDER

Motor: 48V 1500W

Battery: 48V30AH / 48V56AH

Speed: 25KM/H / 45KM/H

Power: 650W / 850W / 1000W

Part motorcycle and part automobile, the nimble, three-wheeled Toyota i-Road is one of the most entertaining alternative vehicles around to ride.

The i-Road isn't wonky or strange to operate. There are two doors, two seats—motorcycle-style—and you simply get in. Close the door, hit the power button, and press the pedal, and off you go. Unlike just about every alternative mode of transportation I've ever driven, the i-Road is neither peculiar nor boring. That said, creature comforts are absent—there's no heater, and aside from its high fun factor, i-Road isn't something you want to spend a lot of time in.



Diesel Car Emissions Still Killing Thousands, Latest Research Says

All is not well with diesel cars, however--as Researchers at King's College in London suggest diesels are having a catastrophic effects on general health.

Speaking to The Guardian, professor of environmental health Frank Kelly says that as many as one in four premature pollution-related deaths in the UK are caused by diesel emissions.



Smart Brabus online customizing website



Titanium electric mountain cargo bike from Kent Eriksen, Colorado frame builder. A rugged bike for traveling between work and home in the mountains. With a clean and powerful drive train, and suspension fork, for carrying heavy loads on bumpy and steep roads



ContiTech Enters E-Bike Belt Drive Market

HANNOVER, Germany - The drive belt specialist ContiTech Power Transmission Group and the e-bike system manufacturer Benchmark Drives, are joining forces to develop belt-equipped drive systems for bicycles, pedelecs and e-bikes.

ContiTech's drive belts have been used for decades in the car industry well as machine design engineering.
Photo: ContiTech



200 delegates from 25 countries got together at the second European Cycle Logistics Conference Netherlands. They celebrated the Growth of bicycle and electric cycle delivery vehicles using new business models for reducing congestion in inner cities. The catering and delivery of the lunch at the conference was carried out entirely by cargo-bikes!

It's boom
time for
Cargo
Bikes

Nijmegen 14,
April 2014
Netherlands



2013 Vectrix VX-1 Li/Li+ It looks more like a maxi-scooter than a motorcycle, but it will do 68 mph, making it highway-legal. On test rides, it was comfortable with lots of room for luggage.



**\$12k - 3.7kWh - 60mi -
1kW charger (110V) -
28HP - 48ft-lbs - 425lbs**

8 US States will make it easier to use zero-emission E-cars.

Eight states pledged to cooperate toward putting 3.3 million zero-emission vehicles on their roads by 2025. They are meeting with car companies and policy makers to do that.

In a two-day meeting of the California Air Resources Board, the EPA, car makers and the Detroit News, 8 States, agreed to work together



This will make it easier to buy E-cars

**Folding Electric bicycle: can be folded in 2 seconds.
Room for two in the boot and both be recharged**

**BMW
E-BIKE
and
BMW i3
CONCEPT
ELECTRIC
CAR**

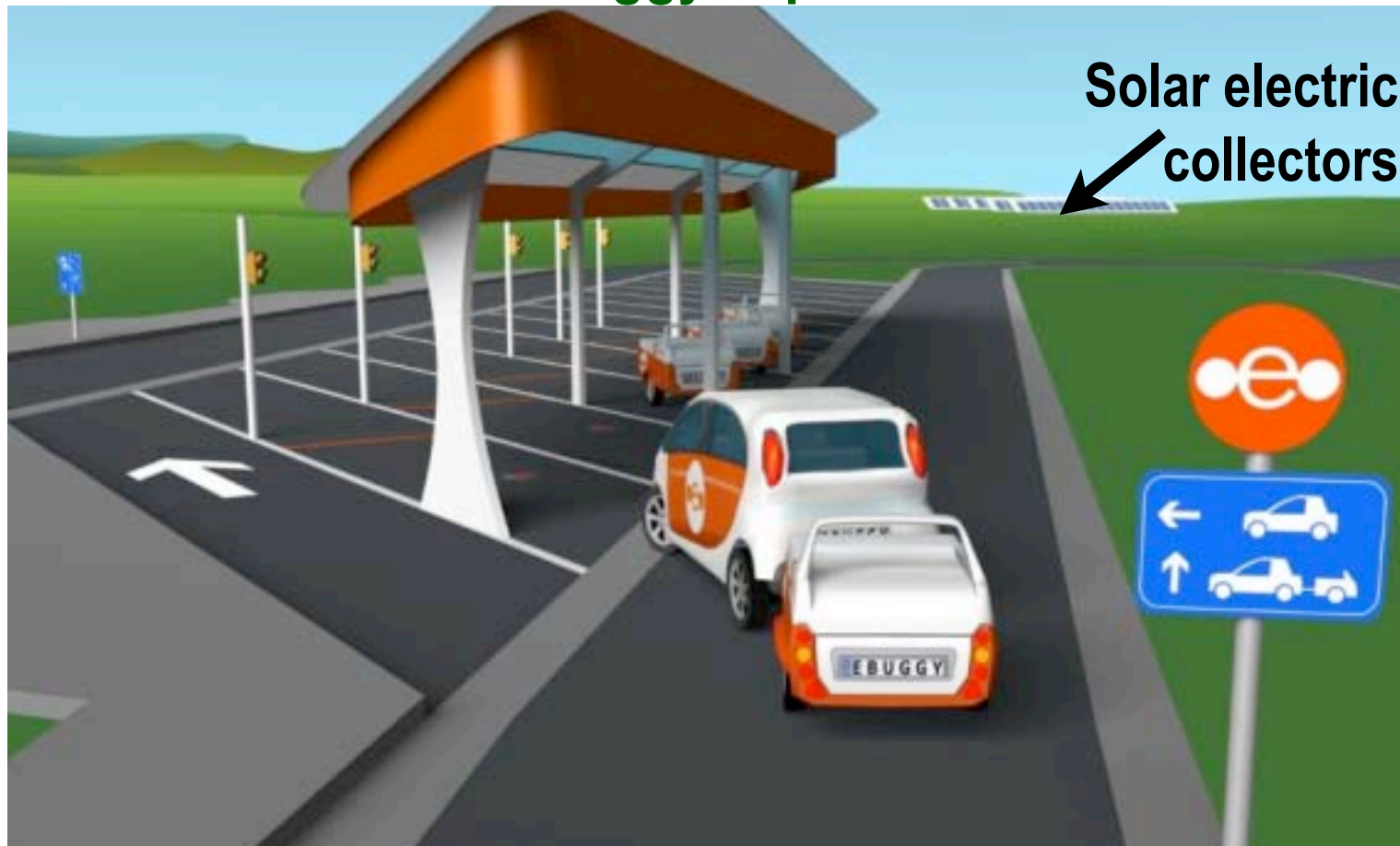


The Best Tandem award from the judges at NAHB, It would inspire older couples to get on it and ride like the wind together.



Ebuggy: Electric Car Trailer Boosts Range By 300 Miles, to some in the US it looks Silly. In Australia I do not think so.

Particularly for travel for travel between places on the north, south, east and west coasts. Also more fuel efficient commutes for short trips in dual electric/ petrol or diesel cars when the Ebuggy is parked at home



Ms. Marossek rides one of the 6,200 e-bikes for Deutsche Post, the German mail service



BERLIN — With a faint electric whir, Iris Marossek pedals her bicycle through concrete apartment blocks in the heart of old East Berlin, delivering mail to 1,500 people a day.

Painted yellow and black like a bumble bee, her bicycle is a nod to both past and future.

It is decorated with an image of a black horn, harking back to earlier centuries when German postal workers trumpeted their arrival.

But the twin battery packs under her seat also reveal it is more than the average bike..

Manila: Jeepney drivers are using Eway54's Ecodiesel made from used cooking oil.

Credit: Kara Santos/IPS



Toyota: Vehicle-To-Home (V2H) power system

V2H system lets homeowners store electricity in an EV battery during cheaper off-peak times, and use it to power the household during peak times.



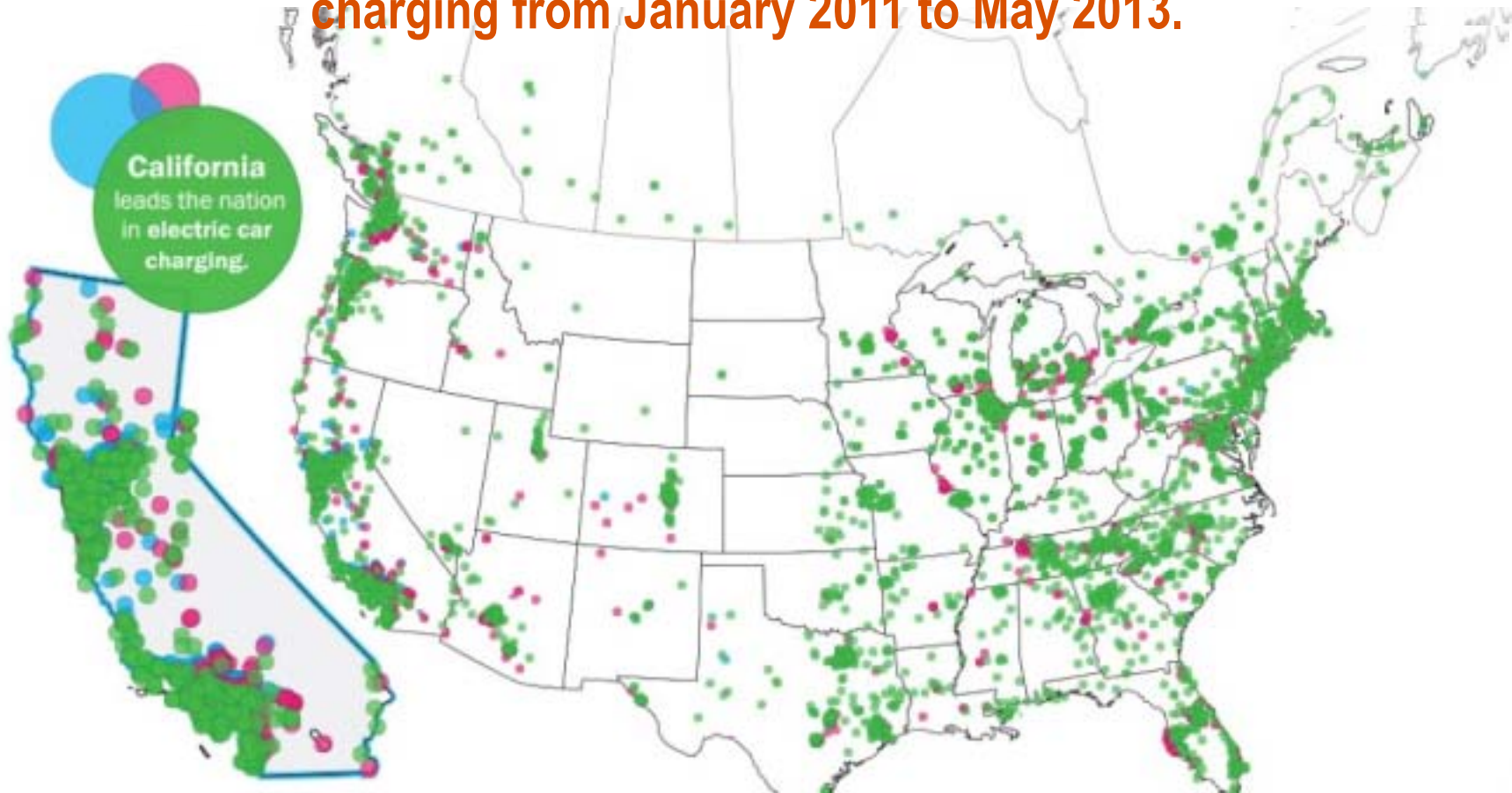
Coulomb partners National Grid to extend ChargePoint network throughout New York State

Empire State EV owners see their range anxiety steadily receding. New York State Energy R&D Authority to install 160 new charging ports ■ By Charlie Morrison Fri, 06/22/2012



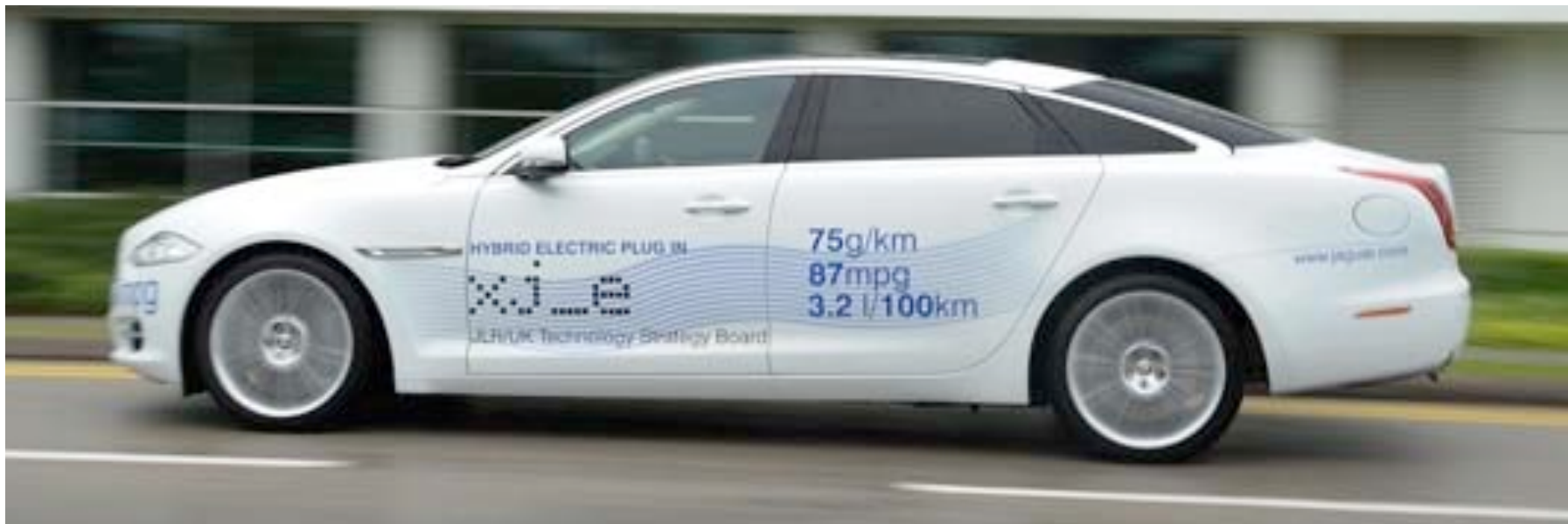
Where Are Electric-Car Charging Stations? Map shows it All.

The market for electric cars might be growing slowly, but it's still growing. It seems like almost every day there's a new car to buy. It's getting easier to charge your electric car, as charging points spring up across the land. See Recargo's map tracking the growth of electric charging from January 2011 to May 2013.



Jaguar Land Rover will display a plug-in hybrid research vehicle at the Festival of Speed at the historic Goodwood track in England.

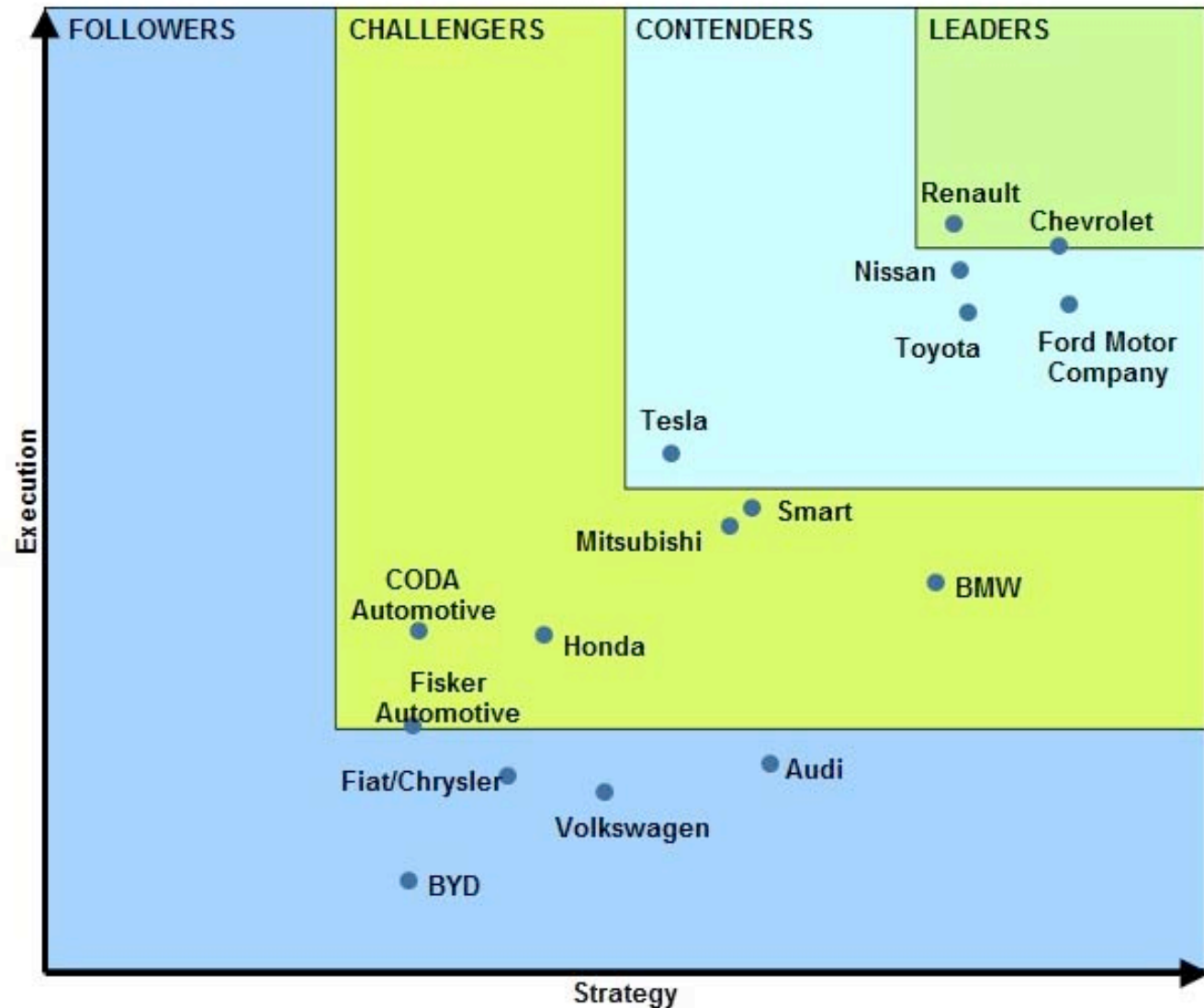
The XJ_e combines the lightweight aluminum structure of the Jaguar XJ with a PHEV system, featuring the 2.0-liter turbocharged direct-injection engine which powers the Range Rover Evoque and a hybridized 8-speed automatic transmission.



Pike report ranks Chevrolet as top in plug-in E-car market

Pike Research forecasts robust growth in the PEV market, but will fall short of expectations set by original cars Makers (OEMs) in 2010 & 2011.

Pike anticipates the market for PEVs will grow from 137,950 vehicles in 2012 to 1.75 million in 2020. And expects the US to be the largest single market reaching 400,073 in 2020.



Ultra-fast overhead EV chargers for Swedish city buses

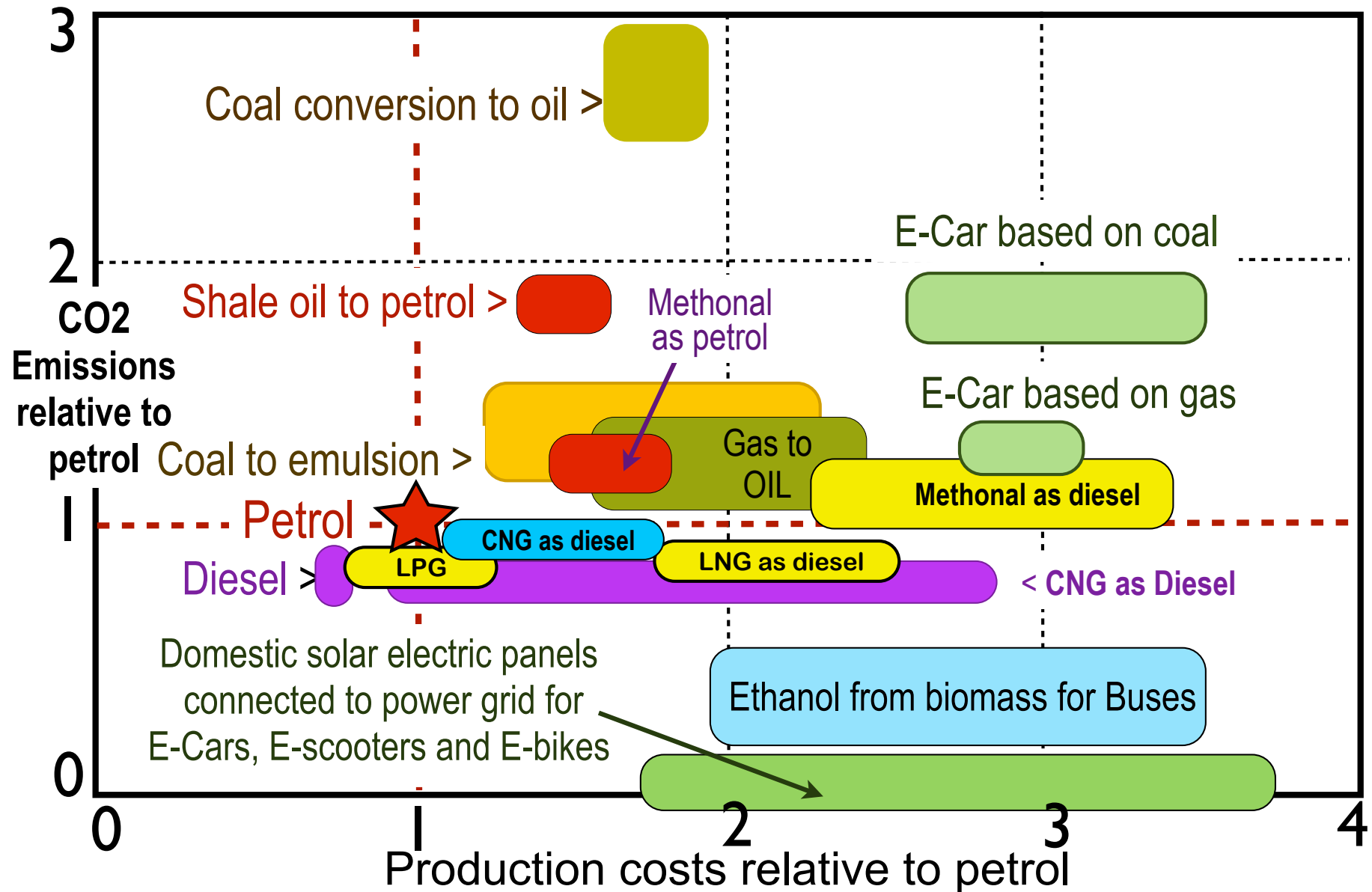
Gothenburg, will be installing two ultra-fast overhead charging stations, which will charge three plug-in hybrid buses. Local wind farm electricity will power power the buses. This modified plug-In hybrid bus is based on the existing Volvo 7900 hybrid bus design. It can operate without wind power, and during power station blackouts by using diesel.



GM's new battery research center in Shanghai has reached a milestone in developing battery technology. This will enable affordable electric cars with longer driving range



Costs & Carbon emissions of alternatives to petrol



**FlyKly SSEB, 500W 48V, 17Ah Li Ion,
20mph 40m Range,
Price \$1,900 USA**



Stealth "Bomber" Electric Mountain Bike

Part Number 523





T3 Mobile
Non-
Lethal
Response
Vehicle in
Turkey
from USA

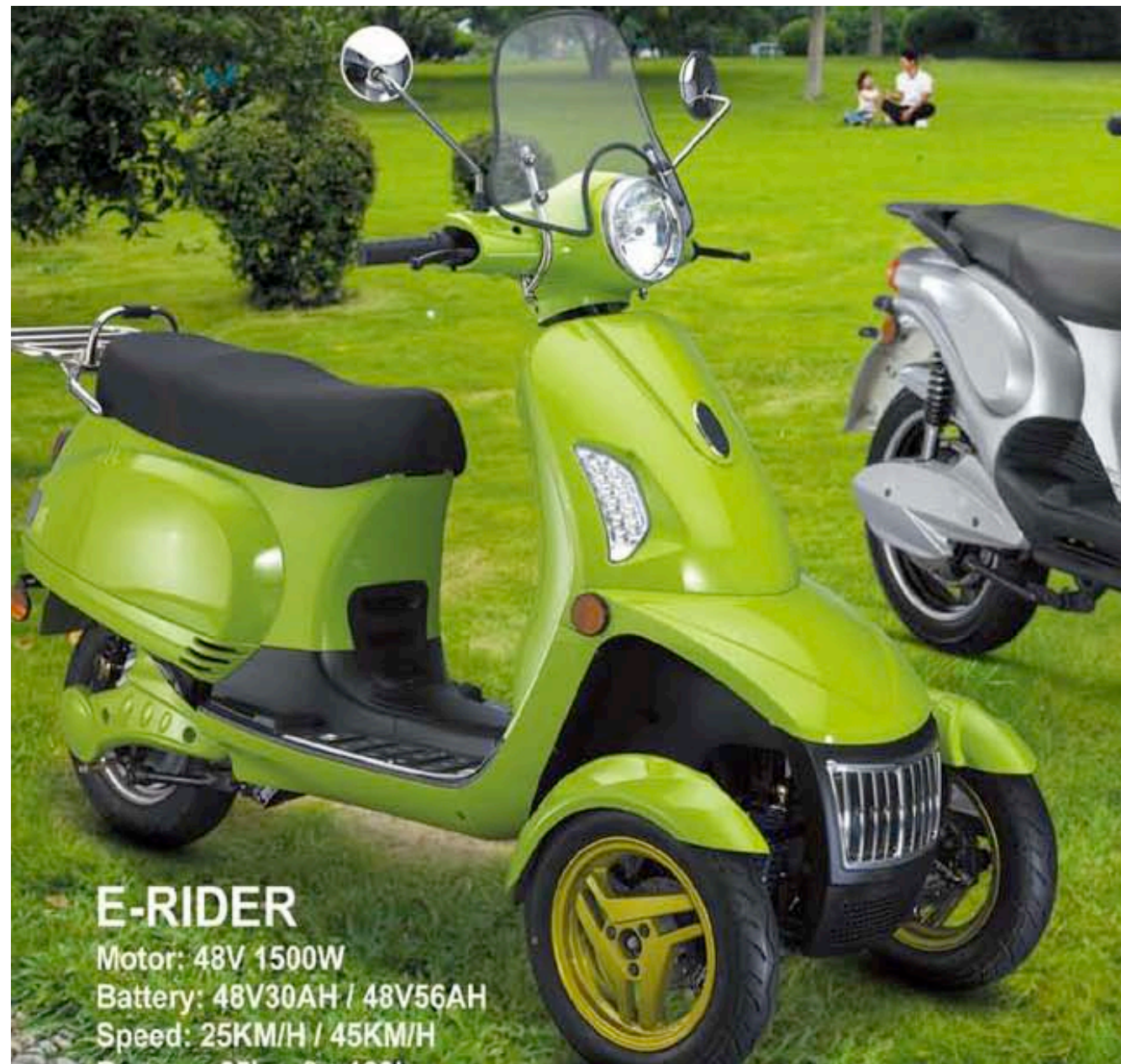
**Currie iZip Metro 500W,
20 mph, 20-30 miles.**

**Li Ion 36V 10Ah
USA \$2,500**



Deutsche Post electric bike for mail delivery





E-RIDER

Motor: 48V 1500W

Battery: 48V30AH / 48V56AH

Speed: 25KM/H / 45KM/H

Power: 650W / 800W / 1000W

USA commuter E-bicycle





**e-Moto folders, 250W 24V, 9Ah Li Ion
20mph, range 25m, \$1,300 USA**

Dutch Sales

For a number of years
Pedelecs sales have been
steadily increasing.

In 2008, almost 140,000 electric
bikes were sold in Holland,
thus generating 1/3 of the
profits from new bikes .

A few years ago, Mostly
purchased by the elderly and
physically impaired.

Today sales ecological and
efficient means of transport
has become much more
varied.

Electric Tricycles
Keep People Mobile



Electric Bikes
Keep People Mobile



Turn your bike electric just by changing the wheel

FlyKly

Smart Wheel: "unlike other rear wheels, with a big hub full of electronics," like a Prius of bike wheels.

It stores energy as you pedal and going downhill. It uses that energy to speed you along, at up to 30 Km for 30 miles. It can track your routes, speeds, times, and suggest new routes.



The Re-Use Of Plastic In The Electric Scooter

Amsterdam:

The grey body of this electric scooter is composed of a strong shell which is made from sustainable hemp

- See more at: <http://www.aegindia.org/2013/10/concept-the-re-use-of-plastic-in-the-electric-scooter/2134633.html#sthash.39YSuH3.dpuf>



Stand-up scooters just got real –commuting !

The Rover
stand up
scooter.
From
Works
Electric
Scooter
has
style and
speed.

Much more than
geek sweetness
to make a strong
argument for a
new two-wheeled
urban commuter



Electric-car charging from Hydro Electricity

West Coast Green Highway, Canada



Beijing Slashes Car Sales Quota by 40% to cut Smog

Beijing is taking a big step that will cut deadly air pollution. Reuters reports that in 4 years, Beijing will issue just 150,000 new license plates per year. Down from the current rate of 240,000 plates per year. That means less cars on roads.



The Greenleap Magnum recumbent trike with a seat which adjusts for height and angle. It can be ridden on roads and off the road.

Some cyclists think its not possible to build a trike for road and off road. Others have said, it must have suspension to give a smooth ride, not so. The Magnum breaks the mould in trike design! No longer is it necessary to make a choice

of a high seat trike for off road, or a low seat trike for on road. Non-suspension, disc brakes or drum brakes, or a heavy, low performance trike to take your weight.



SunCycle has a solar panel on the top of the “aerodynamic” cargo lid. Solar power that’s harvested during an up to eight hour recharge time can be stored in a special onboard battery. The electric hub motor can offer pedal for an average range of up to 25 miles before the battery is depleted. On a hill, you push a button to increase the amount of motor assistance and once you “crest the top you can set it back.”



All-electric FedEx parcel delivery truck, as one of the largest alternative-fueled vehicle fleets in the world, and Nissan e-NV200 electric is not the only truck being tested .It will soon put 20 electric delivery trucks on the road with hydrogen fuel-cell range extenders designed by Plug Power. The project--which is funded by the U.S. Department of Energy--will make FedEx's electric delivery trucks capable of a wider variety of tasks. Lithium-ion batteries with a range of 80 miles per charge, the Plug Power fuel-cells range will double the range of the delivery trucks.



Hino 195h, a 7- to 9-ton diesel-electric Class 5 commercial truck



Sparta E-Kargo, NMH 24V 10Ah, ~ \$3,900 The Netherlands



**Currie EZi E-1000,
L-A 36V 10Ah, 15mph,**

**1000 Watts,
Range 2m,
\$650 US.**



**Hebb Electroglide, 350 watt, Li Polymer,
37V 10Ah/14Ah, 20mph for 30 miles,
\$2,300 10Ah Price USA, \$2,500 14A**

