

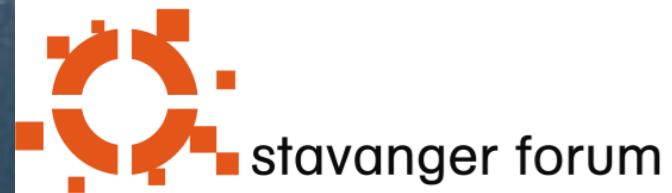
EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

CONFERENCE DINNER



EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

WELCOME

Robert Stussi
President
World Electric Vehicle
Association

Conference Chairman

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

40 years EVS

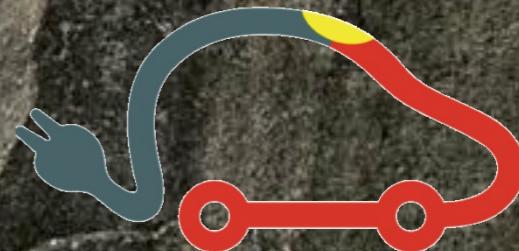
30 years



20 years



10 APVE



Portuguese Electric

October 1986
Washington, D.C., U.S.A.

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

Bogdan Fijalkowski
Krakow Poland



EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

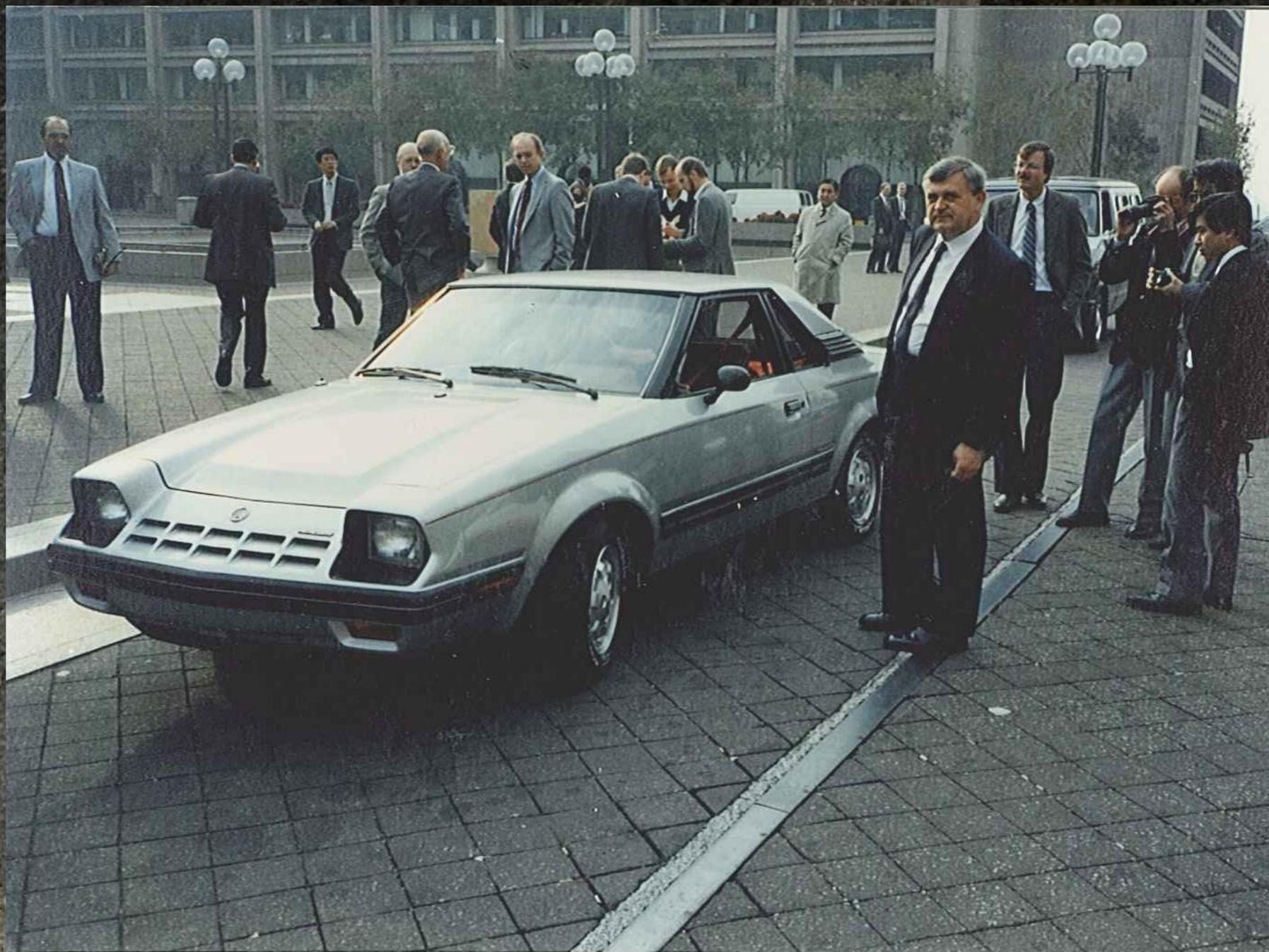


EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org



EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org



Historical Document Signed at EVS.9 Committing Support to Formation of World Electric Vehicle Association

16th November 1988

Memorandum of Understanding

1 The undersigned, representing throughout the world a large majority of the organizations and people who, in their respective countries, undertake the development of electric road vehicles or, more generally, electric propulsion, indicate by this memorandum their desire to join forces and share their experiences.

Therefore they resolve to convene within the framework of a worldwide organization, the aims and structure of which are described hereunder.

2 The aims of the worldwide organization are:

- to facilitate the exchange of information which encourages the development of electric vehicles;
- to coordinate the schedule of "EVS" symposia to be held once every two years, and, by rotation, in the three geographical zones: American continent, Asia and Pacific, Europe and Africa.

Using this principle, EVS 10 will be held in the Asia-Pacific zone and EVS 11 in the Europe-Africa zone, following EVS 9 in Canada.

This world organization has strictly no authority over national or regional meetings but specifically reserves all rights for future "EVS" worldwide symposia, avoiding, by appropriate contacts, duplication and fruitless competition.

3 To establish this world organization and achieve the above aims, avoiding costly administration, Canada has been asked to help for an initial period and has graciously agreed to provide a centralised Secretariat, under the direction of a Steering Committee composed of a limited number of representatives of the three geographical zones nominated by the organization active in electric vehicle development within these zones.

This Steering Committee is entrusted to propose as soon as possible general working rules for the world organization, to the success of which the undersigned are committed and for which they pledge to devote benevolently their utmost efforts.

Toronto, Canada
November 15, 1988.

16 novembre 1988

DÉCLARATION

1 Les personnalités soussignées, représentant sur le plan mondial une large majorité des organismes et personnes participant dans leur pays respectif ou zone d'influence au développement du véhicule électrique routier ou de façon plus générale des engins de propulsion électrique, marquent par le présent mémorandum leur volonté de joindre leurs efforts et de partager leur expériences..

C'est pourquoi ils conviennent de se rencontrer au sein d'un organisme à l'échelle mondiale dont les buts et la structure sont définis ci-après.

2 Les buts de cet organisme sont :

- de faciliter l'échange de toutes informations susceptibles de favoriser le développement du véhicule électrique;
- de coordonner l'organisation des symposium "E.V.S." au rythme d'un tous les deux ans, par rotation entre les trois zones géographiques : continent américain, Asie-Pacifique, Europe-Afrique. Ce principe de rotation entraînera l'organisation d'E.V.S. 10 dans la zone Asie-Pacifique et d'E.V.S. 11 dans la zone Europe-Afrique, après EVS 9 tenu au Canada.

L'organisme précité s'interdit de s'immiscer dans la tenue des réunions nationales ou régionales, quel qu'en soit le caractère, mais se réserve explicitement le patronage des E.V.S. mondiaux futurs en évitant, par tous contacts utiles, double emploi et concurrence stérile.

3 Pour la mise sur pied de cette organisation mondiale et pour atteindre les buts ci-dessus, en évitant toute lourdeur coûteuse, il est fait appel, pour un premier temps, à l'aide du Canada, qui accepte gracieusement de centraliser les tâches de secrétariat, sous la conduite d'un directoire composé d'un nombre restreint de représentants des trois zones géographiques, désignés par les organismes oeuvrant dans ces zones au développement du véhicule électrique.

Il appartiendra à ce directoire de proposer dès que possible les règles générales de fonctionnement de l'organisme mondial, à la réussite duquel les soussignés sont particulièrement attachés et pour laquelle ils s'engagent à mettre en commun, bénévolement, tous leurs efforts.

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

MEMORANDUM SIGNED FOR WORLD ELECTRIC VEHICLE ASSOCIATION



Participants from Top left: B. Fijalkowski (Poland), R. Atanassov (Bulgaria), H. Payot (France), C. Hayden (U.S.), Z. Feng (China), W.A. Adams (Canada), Bottom left: M. Chiogioji (US), R. Leembruggen (Australia), J. Lea (Korea), L. Secord (Canada), C.C. Chan (Hong Kong), F. Dierkens (A.V.E.R.E.), A. Ananthakrishna (India), T. Matsuo (Japan). The above gentlemen signed the memorandum of agreement for the formation of a World Electric Vehicle Association during EVS.9 last November. Cliff Hayden (US), Ferdinand Dierkens (Europe) and Dr. C. Chan (Asia) have been appointed a steering committee.

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org



EVS24 E Visionary awards 5th anniversary



2003

VS-20 / Long Beach

The City of Los Angeles, California

The City of Yokohama, Japan

The City of Reggio Emilia, Italy

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

2005
EVS-21 / Monaco

The City of San Francisco

The City of Beijing

The City of La Rochelle

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

2006

EVS-22 / Yokohama, Japan

**Mission for Sustainable Development,
Monaco**

**The Government of British Columbia,
Vancouver, Canada**

**Kathmandu Electric Vehicle Alliance,
Kathmandu, Nepal**

EVS24

E Visionary award

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org



City of London

Handed over by

Margot WALLSTRÖM
European Union Vice-President

To **Mark Poulton**
Transport for London



EVS24

E Visionary award

LONDON

London has in recent years emerged as a key platform for the development and especially deployment of hybrid and electric vehicles (EVs), largely as a result of proactive policies put in place at the municipal and local council level. Perhaps the most important of these is the Congestion Charge scheme, and more precisely the exemption awarded to hybrids and EVs. This has encouraged significant sales of hybrids despite a generally unfavourable economic environment for this technology relative to the U.S. or Japan (due to strong competition from diesel cars). Even more striking is the sale of over 1,000 EVs in just a few years without any special purchase incentives (as often offered elsewhere). The Congestion Charge exemption alone represents savings of up to £1600 per year for people who commute to central London.

Other important incentives in this regard include free or heavily discounted parking in several boroughs. A particularly interesting initiative is in place in the central London borough of Camden, which is offering free annual residents' parking permits for electric vehicles that use renewably sourced electricity. London also has an important network of charging points, with over 100 installed in recent years, often in collaboration with local electricity providers such as EdF Energy.

Looking forward, London mayor Boris Johnson has announced his intent to make London the "electric capital of Europe" by building an infrastructure of 25,000 charging points in public streets, car parks and shops and targeting the introduction of 100,000 EVs for both private households and car-hire schemes. Moreover, he is proposing that all new building developments install charging points and at least a fifth of all new parking spaces be equipped with charging points. With the UK government now planning to offer grants of up to £5000 to buyers of EVs and a wide range of OEMs including Toyota, Nissan, Mitsubishi and BMW preparing to offer mass-market EVs in this market, Boris' vision may be realised sooner than later.

Other important policies include Transport for London's plan to 'hybridise' its entire fleet of 8,300 buses, with all new bus purchases being hybrid after 2012.

London is thus positioning itself to be a key player in the field of sustainable mobility, providing a large and internationally visible platform to test and deploy advanced hybrid and electric vehicle technologies.

Taken from the Citation to AVERE for the nomination of London to the E-Visionary Award

UKEVS

" The time for simply talking about electric vehicles is over - we need real action on the ground to make the electric vehicle an easy choice for Londoners. I am today committing millions to install the infrastructure needed for when, in just a few years time, these vehicles become much more widely available. "

From the press release by the Mayor London 8.4.2009

Recent Announcements by the Mayor of London:

The Mayor outlined a series of major initiatives to achieve at least 100,000 electric vehicles on the capital's streets as soon as possible, equating to five per cent of total vehicles. These include:

- To work with businesses, boroughs and other public sector organisations to deliver 25,000 charging spaces in London's workplaces, retail outlets, streets, public car parks and station car parks by 2015
- To convert at least 1,000 Greater London Authority fleet vehicles to electric by 2015
- To propose an alteration to the London Plan to require the installation of charging points in all new developments. The Mayor would like to insist that 20 per cent of all new car parking spaces will be equipped with charge points
- A guarantee that the 100 per cent exemption of the congestion charge for electric vehicles will remain in place, saving electric car users approximately £1700 a year
- To assist with the uptake of electric vehicles used by car clubs
- Continuation of the London Electric Vehicle Partnership, bringing together key players to coordinate the introduction of electric vehicles

From the press release by the Mayor 8.4.2009

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

EVS24

E Visionary award



Osaka Prefecture - Japan

Handed over by

Robert Stussi

President of the
World Electric Vehicle Association

To **C.C.Chan**
President EVAAP

EVS24

E Visionary award

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org



City Of Seattle – US

Handed over by

Harald N. Røstvik
Chairman International Steering
Committee and EVS24 Stavanger
Organizing Committee

To **Brian P. Wynne**
President EDTA

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org



SEATTLE MAYOR GREG NICKELS

SHOWING NATIONAL LEADERSHIP ON CLIMATE PROTECTION

Nickels, who will become President of the US Conference of Mayors this June, has utilized his leadership role with the conference to:

- Signed the US Mayor's Climate Protection Agreement, which states that participating cities will meet or beat the climate pollution reduction targets in the Kyoto Protocol (7% reductions in greenhouse gas emissions below 1990 levels by the year 2012). To date, 944 mayors have signed onto the agreement.
- Led the charge to create the Energy Efficiency and Conservation Block Grant Program and successfully fought to have it included in President Obama's Recovery Plan.
- Received the 2008 Mayor's Climate Protection Award from the conference.
- Hosted the first US Conference of Mayors Climate Protection Summit in 2007, featuring former President Clinton, former Vice President Al Gore, and Green Jobs leader Van Jones.

"Our determination to reduce carbon emissions will open new opportunities for clean energy and green jobs."

- Greg Nickels

Rolling Stone magazine referred to Nickels and his work to start the Climate Protection Initiative as the "Pied Piper" in their article, *Heroes & Heros: Twenty-five leaders who are fighting to save our planet from catastrophe*.

Vanity Fair magazine also lauded Nickels for the Climate Protection Initiative in their article, *The Future is Green*.

Grist online ranked Nickels #2 Greenest Mayor (New York's Michael Bloomberg took the #1 spot), saying, "Greg Nickels became synonymous with the phrase 'green mayor'."



"From light rail to street cars to electric vehicles, we're reducing the impact of transportation on our climate. Electric-powered transportation is particularly attractive in a city with a carbon-neutral utility, generating clean electricity through hydropower."

- Greg Nickels



PAVING THE WAY ON ELECTRIC TRANSPORTATION

"We have two overwhelming challenges in addressing climate change. These are how we power our homes and businesses and how we transport goods, services and people around our cities using less fossil fuel. In Seattle, we are going to be leaders in encouraging conversion of our transportation sector from oil to electric transportation."

- Greg Nickels

Nickels oversees Seattle City Light, the only public utility in the country to be net-zero carbon emissions. Utilizing this clean, green electric power, Nickels is electrifying Seattle's transportation system:

- As the longest serving board member of Sound Transit, the Puget Sound region transit provider, Nickels fought tirelessly to gain voter approval to build light rail, and the first line will open July, 2009.
- Nickels conceived, built, and opened the city's first streetcar line, the first in a network.
- King County Metro, with support from the City of Seattle, has electric trolley buses that run through the city.

Nickels led the City of Seattle, joined by partners Port of Seattle, King County, and the Puget Sound Clean Air Agency to test the performance of plug-in hybrid electric vehicles (PHEV) in an urban area. With matching funding from the Department of Energy's Idaho National Laboratory, 13 Priuses are being converted to plug-in hybrid electric vehicles. Nissan has selected the Seattle-area as one of the first regions in the country to introduce a pure electric five-passenger hatchback in 2010. Nissan and the City of Seattle will work together to promote the development of electric vehicles and charging infrastructure.



ECO CAR Measure of OSAKA Pref. Government

Under the ECO CAR Measure, the government of Osaka Prefecture will contribute to the reduction of CO₂ emissions by providing subsidies to the purchase of electric vehicles.



大阪
街道
本



Osaka, for double the enjoyment:
A different face of Japan

OSAKA

E VISIONARY AWARDS WINNERS

EVAP EDTA AVERE

SEATTLE MAYOR GREG NICKELS SHOWING NATIONAL LEADERSHIP ON CLIMATE PROTECTION

Seattle Mayor Greg Nickels, President of the U.S. Conference of Mayors, the only full-time elected national political leader to work on climate protection.

- Over the last three years, Seattle Mayor Greg Nickels has worked to develop a comprehensive climate protection strategy for Seattle. The city's greenhouse gas reduction targets for 2012 include a 10% reduction below 1990 levels by 2012.
- In 2008, 800 individuals signed onto the agreement.
- Seattle Mayor Greg Nickels has established Seattle Green Program, and recently launched a new Green Business Charter in Seattle's Pike Place Market.
- In 2007, Seattle Mayor Greg Nickels received the Leadership Award from the U.S. Conference of Mayors Climate Protection Council.

“Our administration is working on innovation with solar power generation for clean energy and green jobs.”

Greg Nickels

Seattle Mayor Greg Nickels has worked to develop a comprehensive climate protection strategy for Seattle. The city's greenhouse gas reduction targets for 2012 include a 10% reduction below 1990 levels by 2012.

Seattle Mayor Greg Nickels has established Seattle Green Program, and recently launched a new Green Business Charter in Seattle's Pike Place Market.

“Our administration is working on innovation with solar power generation for clean energy and green jobs.”

Greg Nickels

Seattle Mayor Greg Nickels has established Seattle Green Program, and recently launched a new Green Business Charter in Seattle's Pike Place Market.

PAVING THE WAY ON ELECTRIC TRANSPORTATION

“We have two overwhelming challenges in reducing climate change. There are two ways we can overcome these challenges: one is to increase our energy efficiency and the other is to move away from fossil fuel. In Seattle, we are going to be leaders in transitioning consumers of our transportation sector from oil to electric.”

Seattle Mayor Greg Nickels has established Seattle Green Program, and recently launched a new Green Business Charter in Seattle's Pike Place Market.

“We have two overwhelming challenges in reducing climate change. There are two ways we can overcome these challenges: one is to increase our energy efficiency and the other is to move away from fossil fuel. In Seattle, we are going to be leaders in transitioning consumers of our transportation sector from oil to electric.”

Seattle Mayor Greg Nickels has established Seattle Green Program, and recently launched a new Green Business Charter in Seattle's Pike Place Market.

LONDON

London has in recent years emerged as a key platform for the development and especially deployment of hybrid and electric vehicles (EVs). This is a result of attractive policies put in place at the municipal and local council level. Perhaps the most important of these is the Congestion Charge scheme, and more precisely the incentives awarded to hybrids and EVs. This has encouraged significant sales of hybrids despite a generally unfavourable economic environment for this technology relative to the U.S. or Japan (due to stiff competition from diesel cars). Even more striking is the sale of over 1,000 EVs in just a few years without any special purchase incentives (as often offered elsewhere).

The Congestion Charge exemption alone represents savings of up to £1000 per year for those who commute to central London. Other important incentives in this regard include free or heavily discounted parking in several boroughs. A particularly interesting initiative is in place in the central London borough of Camden, which is offering free annual residents' parking permits for electric vehicles that use Camden's excess electricity. London also has an important network of charging points, with over 100 installed in recent years, often in collaboration with local electricity providers such as EDF Energy.

London however, London mayor Boris Johnson has announced his intent to make London the "Electric Capital of Europe" by building an infrastructure of 25,000 charging points in public streets, car parks and shops and targeting the installation of 100,000 EVs for both private households and business stations. Moreover, he is proposing that all new building developments install charging points with at least 25% of all new parking spaces equipped with charging points. With the UK government now planning to offer grants of up to £3000 to buyers of EVs and a wide range of OEMs including Toyota, Nissan, Mitsubishi and BMW preparing to offer mass market EVs in the market, there's reason to believe London may be realized sooner than later.

Other important policies include Transport for London's plan to "Hyperloop" its entire fleet of 9,300 buses, with all new bus purchases being hybrid after 2012.

London is thus positioning itself to be a key player in the field of sustainable mobility, providing a large and internationally visible platform to test and deploy advanced hybrid and electric vehicle technologies.

Taken from the Global e-Awards for the nomination of London to the E-Visionary Award

UKEVS

Presented and produced by UKEVS (UK Electric Vehicle Society) www.ukews.org

"The time for simply talking about electric vehicles is over - we need real action on the ground to make the electric vehicle an easy choice for Londoners. I am today committing millions to install the infrastructure needed for when, in just a few years time, these vehicles become much more widely available."

Key Accomplishments By the Mayor of London

The Mayor outlined a series of major initiatives to achieve at least 100,000 electric vehicles on the road by 2012. These are soon to become, according to the Mayor, 20% of total vehicles. These include:

• To work with businesses, transport and other public sector organisations to deliver 25,000 charging points in London workplaces, retail outlets, streets, public car parks and station car parks by 2012.

• To convert at least 1,000 Greater London Authority fleet vehicles to electric by 2012.

• To propose an amendment to the London Plan to require the installation of charging points in all new developments. The Mayor would like to insist that 20% (or 100) of all new car parking spaces will be equipped with charge points.

• To guarantee that the 100 per cent exemption of the congestion charge for electric vehicles will remain in place, saving drivers over £1000 approximately 4,170 is year.

• To issue with the uptake of electric vehicles used for car clubs.

• Completion of the London Electric Vehicles Partnership bringing together key players to coordinate the introduction of new vehicles.

EVS 24

Towards Zero Emission

STAVANGER
NORWAY
MAY 13-16
2009

www.evs24.org

GOOD NIGHT !

