



Att:  
Klima, Energi & Bygningsministeren  
Transportministeren  
Skatteministerens  
Medlemmer af Folketinget

13. januar 2012

## Støttebreve fra internationale bilproducenter – til etablering af rammebetingelser for brint tankstationer og brintbiler i Danmark

På vegne af fem internationale bilproducenter fremsendes hermed vedlagte støttebreve hvor producenterne bakker op om at der etableres rammebetingelser for brint tankstationer og brintbiler i Danmark.

Specifikt foreslås følgende rammebetingelser etableret:

### 2012-2015 | Demonstration & lempet afgift

- Forlængelse af afgiftsfritagelsen for brintbiler til og med 2015
- National udrulningsstrategi for brintbiler og infrastruktur i 2012
- 45 mio. kr. i infrastrukturpulje for en landsdækkende brint infrastruktur
  - 15 mio. kr. er sikret fra EU og EUDP – kun 30 mio. kr. er nødvendig
  - Private aktører investerer et tilsvarende beløb – samlet 90 mio. kr.

### 2015-2025 | Øget afgift & udfasning af tilskud

- Gradvis indfasning af registreringsafgift for brintbiler
- Tilskud til brint infrastruktur - samme som biogas (30% / 41 øre/kWh)
- Finansielle og lovgivningsmæssige rammer – eks. lån & licenser

### 2025-2050 | Kommerciel udrulning & fuld afgift

- Fuld afgift på brintbiler med fuldt afgiftsbidrag
- Ingen tilskud brint infrastruktur – øget afgift på brint/el

Perspektiverne ved brint til transport i Danmark og de foreslåede rammebetingelser er yderligere beskrevet i rapporten "Brint til transport i Danmark frem mod 2050": [www.hydrogenlink.net/brint2050.asp](http://www.hydrogenlink.net/brint2050.asp)

Støttebrevet er underskrevet af følgende repræsentanter for bilproducenterne:

**Daimler AG (Tyskland)**

- Director, Dr. Christian Mohr dieck
- Senior manager, Peter Froeschle

**Toyota Motor Corporation (Japan)**

- General manager, Koichi Kojima
- Project general manager, Katsuhiko Hirose

**Hyundai Motor Company (Sydkorea)**

- Director, Dr. Tae Won Lim

**Adam Opel AG / GM (Tyskland/USA)**

- Executive director, Prof. Dr. Uwe D. Grebe

**Nissan Motor Co. Ltd. (Japan)**

- General manager, Haruhito Mori

**Med venlig hilsen**

Flemming Wennike, foreningsleder, Hydrogen Link Danmark  
[fw@hydrogenlink.net](mailto:fw@hydrogenlink.net) | +45 2938 3965

Jacob Krogsgaard, direktør, H2 Logic A/S  
[jk@h2logic.com](mailto:jk@h2logic.com) | +45 2871 8945

**Brint & Brændselscelle Partnerskabet i Danmark** | [www.hydrogenet.dk](http://www.hydrogenet.dk)

Et Offentligt Privat Partnerskab for brint og brændselsceller i Danmark, bestående af virksomheder, viden institutioner & offentlige aktører. Partnerskabet sikrer samarbejde og koordinering af F/U/D aktiviteter indenfor området gennem udvikling af fælles strategier og anbefalinger.

**Hydrogen Link Danmark** | [www.hydrogenlink.net](http://www.hydrogenlink.net) og [www.scandinavianhydrogen.org](http://www.scandinavianhydrogen.org)

Hydrogen Link arbejder for at fremme udbredelsen af brændselscelle elektriske biler og etableringen af brint tankstationer i Danmark. Hydrogen Link er en del af, "Scandinavian Hydrogen Highway Partnership", der arbejder for at etablere brint tankstationer i og udbrede brændselscelle biler de skandinaviske lande.

**Om H2 Logic A/S** | [www.h2logic.dk](http://www.h2logic.dk)

H2 Logic er en førende producent af forureningsfrie brint-motorer, H2Drive®, til arbejdskøretøjer samt brint-tankstationer, H2Station® til arbejdskøretøjer og personbiler. H2 Logic er kåret som én blandt de hurtigst voksende vækst virksomheder i Danmark i 2010 og 2011 af Dagbladet Børsen (*Gazelle konkurrencen*).

## Letter of Support

For the attention of:

Danish Minister for Climate, Energy and Building

Danish Minister for Transport

Danish Minister for Taxation

Members of Danish parliament

### **Letter of Support for establishing support mechanisms for hydrogen refueling infrastructure and fuel cell electric vehicles in Denmark**

With this letter undersigned expresses full support for the efforts of Danish stakeholders in advocating for the establishment of support mechanisms for hydrogen refueling infrastructure and fuel cell electric vehicles in Denmark.

Fuel cell electric vehicles are one among several technologies being developed by our organization in order to increase future transport sustainability. Years of continued development efforts have progressed fuel cell technology to a stage where preparation of market introduction is of relevance.

Support mechanisms for both the hydrogen refueling infrastructure and fuel cell electric vehicles are necessary during the early market introduction period where costs and investments are high.

The proposed prolongation of tax exemption for fuel cell electric vehicles in Denmark throughout 2015 and gradually increased taxation onwards 2025, may provide an attractive case for market introduction.

Further the proposed hydrogen infrastructure fund may help ensure a country-wide refueling network in Denmark by 2015, which will be necessary for commencing a market introduction. Support for hydrogen infrastructure investments and fuel onwards 2025 may provide a feasible case for continued expansion of the refueling network.

# DAIMLER

The support mechanisms may help support the ambitions of Denmark within development and commercialization of hydrogen and fuel cell technologies as well as creating a platform for future increased sustainability within the Danish transport sector.

Undersigned looks forward to hopefully seeing the support mechanisms implemented and will follow the progress as part of our evaluation of opportunities for potentially commencing market introduction of fuel cell vehicles in Denmark.

This expression of interest is hereby confirmed by signature

Daimler AG - December 13th, 2011

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Name: Dr. Christian Mohrdieck

Title: Director

Date: 14. 12. 11

Signature: i. V. Mohrdieck.

Name: Peter Froeschle

Title: Senior Manager

Date: 14. 12. 2011

Signature: i. V. 



## TOYOTA MOTOR CORPORATION

1, TOYOTA-CHO, TOYOTA, AICHI, 471-8571 (Head Office)  
or 471-8572 (Research & Development Group) JAPAN  
TEL: +81-565-28-2121

*For the attention of:*

*Danish Minister for Climate, Energy and Building  
Danish Minister for Transport  
Danish Minister for Taxation  
Members of Danish parliament*

### **Letter of Support for establishing support mechanisms for hydrogen refueling infrastructure and fuel cell electric vehicles in Denmark**

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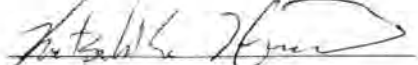
**This expression of interest is hereby confirmed by signature**

Date *Jan 16* 2012

Position: General Manager  
Fuel Cell System Engineering Div.  
Name: Koichi Kojima

Position: Project General Manager  
Fuel Cell System Engineering Div.  
Name: Katsuhiko Hirose

Signature: 

Signature: 

Fuel Cell Vehicle Department,  
Eco Technology Center,  
Hyundai Motor Company  
104, Mabuk-Dong, Giheung-Gu,  
Yongin-Si, Gyeonggi-Do, Korea  
446-912



*For the attention of:*  
*Danish Minister for Climate, Energy and Building*  
*Danish Minister for Transport*  
*Danish Minister for Taxation*  
*Members of Danish parliament*

## **Letter of Support for establishing support mechanisms for hydrogen refueling infrastructure and fuel cell electric vehicles in Denmark**

With this letter undersigned expresses full support for the efforts of Danish stakeholders in advocating for the establishment of support mechanisms for hydrogen refueling infrastructure and fuel cell electric vehicles in Denmark.

Fuel cell electric vehicles (FCEVs) are one among several technologies for the eco-friendly society being developed by Hyundai Motor Company in order to increase future transport sustainability. Years of continued development efforts have progressed fuel cell technology to a stage where preparation of market introduction is of relevance. Hyundai Motor has joined several demonstration events for an introduction of FCEVs to ordinary customers in Nordic countries in 2011. In addition to events, Hyundai Motor has already provided 2 FCEVs in Denmark to promote the superiority of hydrogen powered vehicle and Hyundai Motor is also planning to gradually increase the number of FCEVs in coming years.

Support mechanisms for both the hydrogen refueling infrastructure and fuel cell electric vehicles are necessary during the early market introduction period where costs and investments are high.

The proposed prolongation of tax exemption for fuel cell electric vehicles in Denmark throughout 2015 and gradually increased taxation onwards 2025, may provide an attractive case for market introduction. Market introduction with tax exemption of FCEVs would activate the commercialization of FCEVs in the short period. As one of automotive OEMs, Hyundai Motor enthusiastically welcomes and countenances tax exemption for FCEVs in Denmark.

Further the proposed hydrogen infrastructure fund may help ensure a country-wide refueling network in Denmark by 2015, which will be necessary for commencing a market introduction. Support for hydrogen infrastructure investments and fuel onwards 2025 may provide a feasible case for continued expansion of the refueling network.

The support mechanisms may help support the ambitions of Denmark within development and commercialization of hydrogen and fuel cell technologies as well as creating a platform for future increased sustainability within the Danish transport sector.

Undersigned looks forward to hopefully seeing the support mechanisms implemented and will follow the progress as part of our evaluation of opportunities for potentially commencing market introduction of fuel cell vehicles in Denmark.

**This expression of interest is hereby confirmed by signature**

Date / 19<sup>th</sup> December, 2011

Position: Director, Fuel Cell Vehicle Department, Eco Technology Center,  
Hyundai Motor Company

Name: Dr. Tae Won Lim

Signature:

A handwritten signature in black ink, appearing to read 'Lim Jaewon', is written over a horizontal line. The signature is stylized and cursive.



Wir leben Autos.

05 Jan 2012

Prof. Dr. Uwe D. Grebe, Adam Opel AG, GM Alternative Propulsion Center Europe  
Telephone +49(0)6142-7 60330, Fax +49(0)6142-7 76093  
E-mail uwe-dieter.grebe@de.opel.com

For the attention of:  
Danish Minister for Climate, Energy and Building  
Danish Minister for Transport  
Danish Minister for Taxation  
Members of Danish parliament

Letter of Support for establishing support mechanisms for hydrogen refueling infrastructure and fuel cell electric vehicles in Denmark

with this letter undersigned expresses full support for the efforts of Danish stakeholders in advocating for the establishment of support mechanisms for hydrogen refueling infrastructure and fuel cell electric vehicles in Denmark.

Fuel cell electric vehicles are one among several technologies being developed by our organization in order to increase future transport sustainability. Years of continued development efforts have progressed fuel cell technology to a stage where preparation of market introduction is of relevance.

Adam Opel AG  
Bahnhofsplatz  
65423 Rüsselsheim am Main  
T (0 61 42) 7-70, F (0 61 42) 7-7 88 00  
www.opel.de

Vorstand:  
Karl-Friedrich Stracke (Vorsitzender),  
Rita Forst, Reinald Hoben,  
Mark James, Holger Kimmes,  
Alain Visser, Susanna Webber

Aufsichtsrat:  
David Nicholas Reilly (Vorsitzender)

Sitz der Gesellschaft: Rüsselsheim  
Handelsregister:  
Amtsgericht Darmstadt, HRB 89558

Ein Unternehmen der GM Gruppe



Wir leben Autos.

Support mechanisms for both the hydrogen refueling infrastructure and fuel cell electric vehicles are necessary during the early market introduction period where costs and investments are high.

The proposed prolongation of tax exemption for fuel cell electric vehicles in Denmark throughout 2015 and gradually increased taxation onwards 2025, may provide an attractive case for market introduction.

Further the proposed hydrogen infrastructure fund may help ensure a country-wide refueling network in Denmark by 2015, which will be necessary for commencing a market introduction. Support for hydrogen infrastructure investments and fuel onwards 2025 may provide a feasible case for continued expansion of the refueling network.

The support mechanisms may help support the ambitions of Denmark within development and commercialization of hydrogen and fuel cell technologies as well as creating a platform for future increased sustainability within the Danish transport sector.

Undersigned looks forward to hopefully seeing the support mechanisms implemented and will follow the progress as part of our evaluation of opportunities for potentially commencing market introduction of fuel cell vehicles in Denmark.

This expression of interest is hereby confirmed by signature

05 Jan 2012

Position: Executive Director Advanced Technology Work and Advanced Propulsion Europe

Name: Prof. Dr. Uwe D. Grebe

Signature:

Adam Opel AG



For the attention of:

Danish Minister for Climate, Energy and Building  
Danish Minister for Transport  
Danish Minister for Taxation  
Members of Danish parliament

## **Letter of Support for establishing support mechanisms for hydrogen refueling infrastructure and fuel cell electric vehicles in Denmark.**

With this letter NISSAN expresses full support for the early establishment of publicly-funded support mechanisms for a national hydrogen refueling infrastructure as well as fuel cell electric vehicles customer incentives in Denmark.

NISSAN is already selling the zero-emission NISSAN LEAF in Denmark, a fully competitive five-passengers EV with an autonomy of 160km. The NISSAN Fuel Cell EV will give Danish customers the continued benefit of zero emission mobility with more autonomy.

Support mechanisms for both a network of publicly accessible and affordable hydrogen refueling infrastructure as well as customer incentives for fuel cell electric vehicles are necessary during the early market introduction phase where costs and investments are still high. The proposed hydrogen distribution networks would need to be operated in a similar fully competitive and open market conditions as any other energy source.

The tax exemption for fuel cell electric vehicles in Denmark for a certain period, e.g. until the time when the number of fuel cell vehicle will be enough for a self-sustained operation of hydrogen refueling infrastructure, may provide an attractive case for market introduction.

Furthermore, the proposed hydrogen infrastructure support may help ensure a country-wide refueling network in Denmark by 2015, which will be necessary for commencing market introduction. It is important that this infrastructure is visible, publicly accessible, and affordable. Support for hydrogen infrastructure investments and fuel onwards 2025 may provide a feasible case for continued expansion of the refueling network.

The support mechanisms may help support the ambitions of Denmark in favor of the development and commercialization of hydrogen and fuel cell technologies as well as creating a platform for future increased sustainability within the Danish transport sector.

NISSAN looks forward to seeing the support mechanisms implemented in Denmark and will follow the progress as part of our evaluation of opportunities for potentially commencing market introduction of fuel cell vehicles in Denmark.

### **This expression of interest is hereby confirmed by signature**

Date *11 / Jan.* 2012

Position: General Manager  
EV System Laboratory, Nissan Research Center

Name: Haruhito Mori

Signature: 