



CHAdemo Europe activity report

CHAdemo Association Europe

8 June 2015

Summary

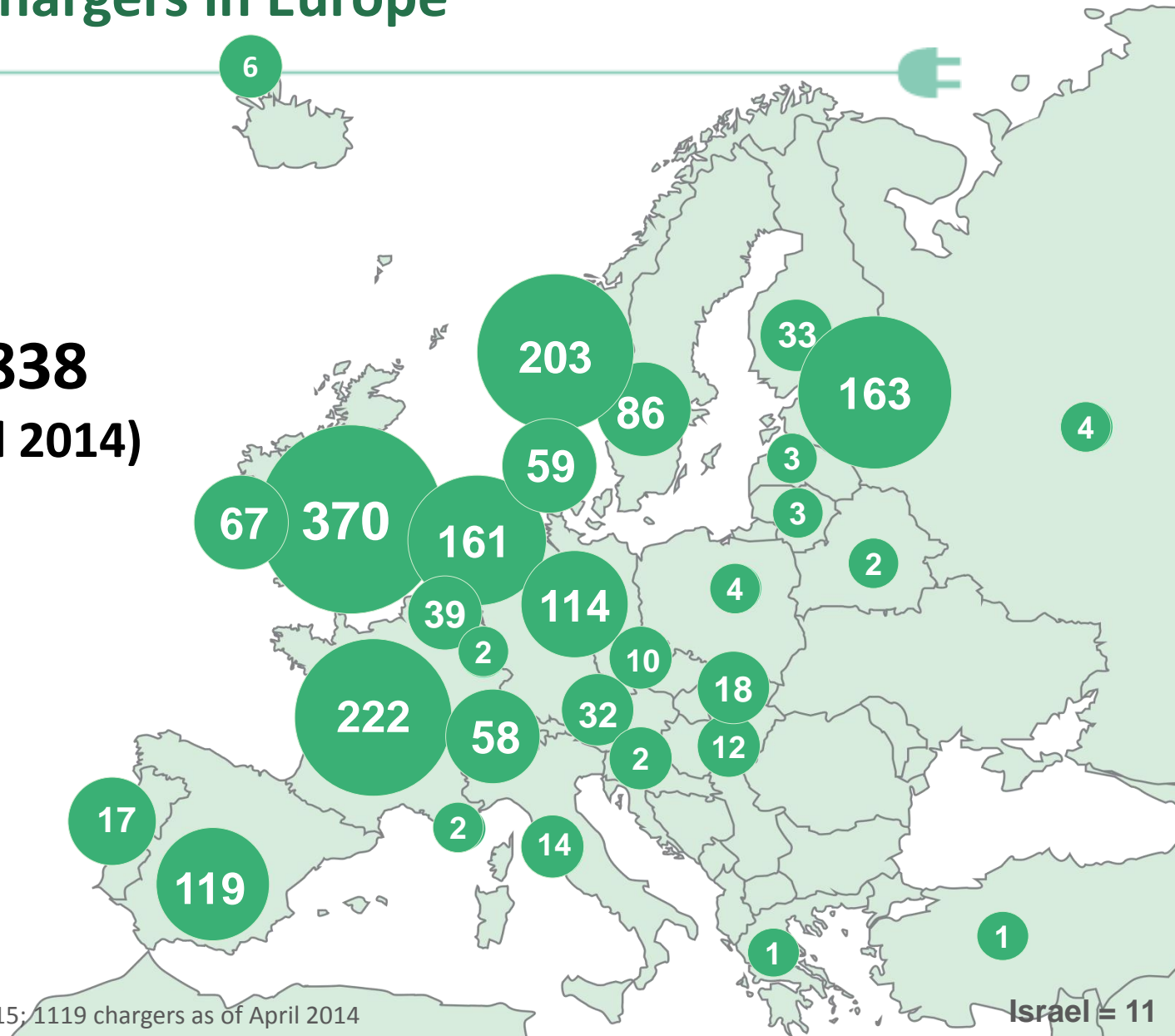


- **Multi-standard becomes EU market standard**
 - CHAdeMO installation and EV market by plug type
 - CHAdeMO as IEC/EN standards
 - Multi-standard project examples
 - Multi-standard charger installation

- **CHAdeMO Europe activities**
 - Member support
 - Networking and meetings
 - Marketing support
 - PR activities
 - PR for general public

CHAdeMO chargers in Europe

TOTAL = 1838
(+64% vs April 2014)



Note: Data as of May 2015; 1119 chargers as of April 2014

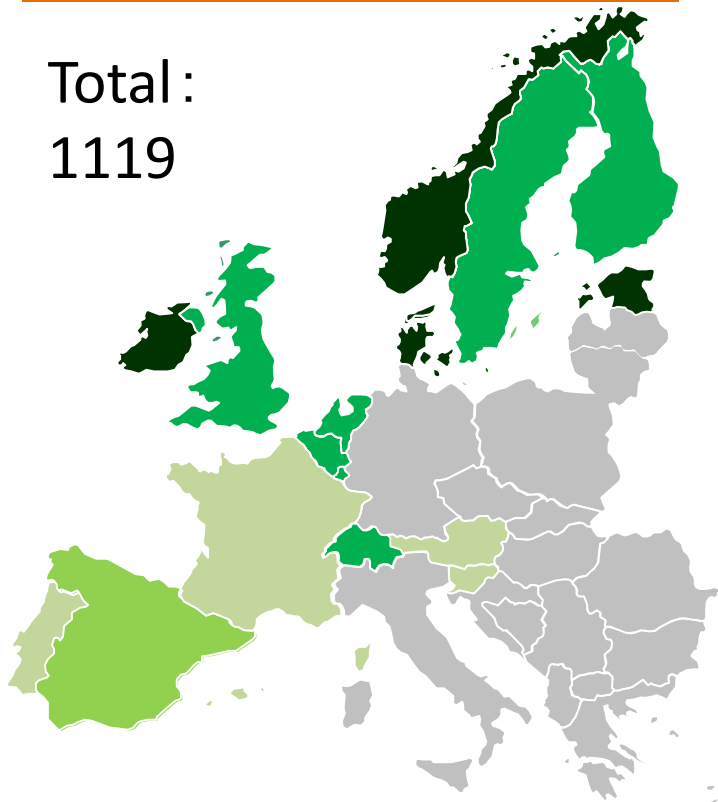
CHAdeMO density and evolution



- The north-western continues to lead while central European countries set into action

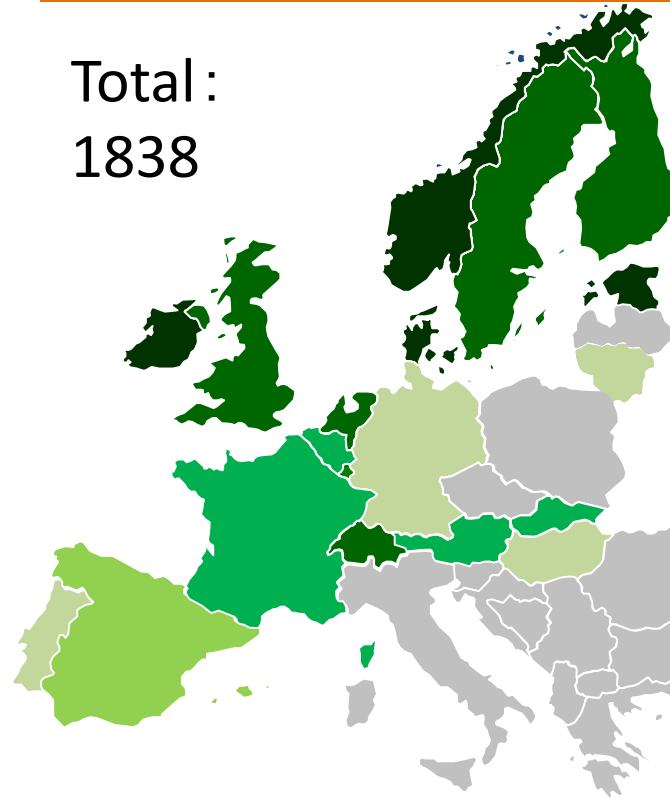
April 2014

Total:
1119

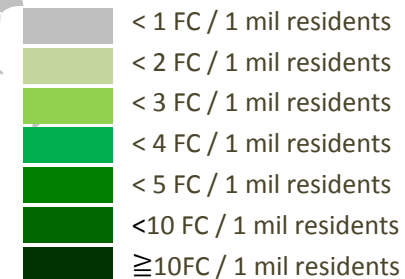


May 2015

Total:
1838

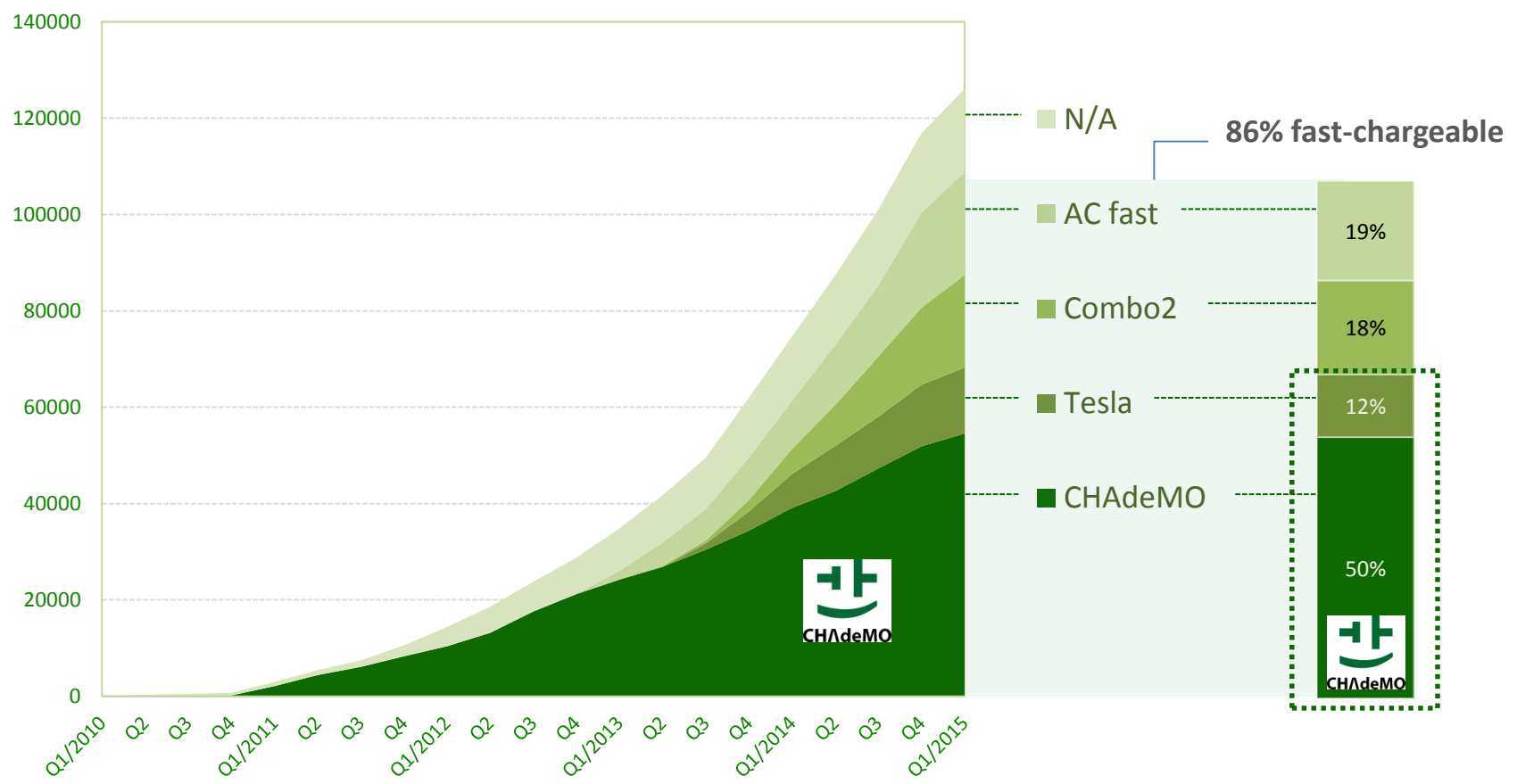


**CHAdeMO
Fast charger density**



European EV sale by fast charging type (cumulative)

- European EV stock since 2010 reached 100k in 2014, increasingly fast-chargeable with a great majority compatible with CHAdeMO











Source: JATO, EU28 (except for Bulgaria, Cyprus, Lithuania, Luxembourg, Malta) + Norway, Switzerland, Israel, Turkey, Russia. Not including electric light commercial vehicles (LCVs) or e-quadracycles. *Q1/2015 up to February 2015.

CHAdeMO as IEC/EN standards

- Following IEC, CENELEC recognised CHAdeMO and Combo2 as EN standards in 2014
- With the EU directive embracing CHAdeMO, EU market aligns on multi-standard

IEC DC Charging Systems

IEC	System A CHAdeMO (Japan)	System B GB/T (PRC)	System C COMBO1 (US)	COMBO2 (DE)
	Connector			
Vehicle Inlet				



Note: IEC/EN 61851-23, IEC/EN 61851-24, IEC/EN 62196-3;
Published on the IEC website as well as CENELEC's national committee websites

Multi-standard chargers: EU-funded projects (1/3)

RCN / Corri-Door



- Multi-standard charger corridor projects co-financed by the EU (50% subsidy) are on the way in a variety of countries

Rapid Charge Network, The UK & Ireland

74 multi-standard fast chargers
Covering over 1,100 km



“CORRI-DOOR” Project, France

200 multi-standard fast
Along major motorways



Multi-standard chargers: EU-funded projects (2/3)

CEGC

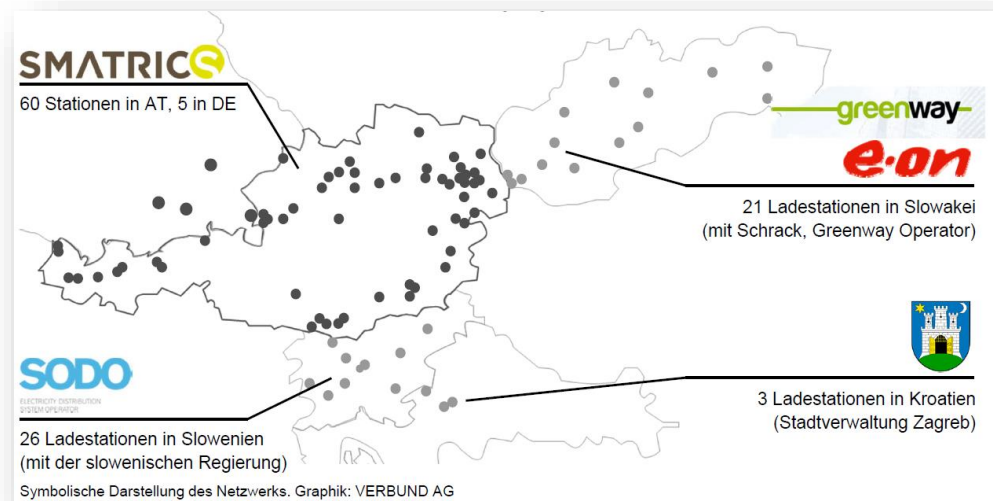
- A project to connect central European countries

■ Central European Green Corridors (CEGC) project, Central European countries

Along major routes across 5 countries

115 multi-standard chargers to be deployed

- Austria 60
- Slovenia 26
- Slovakia 21
- Germany 5
- Croatia 3



Source: Verbund, <http://www.verbund.com/cc/de/news-presse/news/2014/10/08/emobilitaet-schnellladenetzwerk-roaming>

Multi-standard chargers: EU-funded projects (3/3)

ELECTRIC



- ... and more in the Northwestern corridor countries!

- **'ELECTRIC'** (Electric Clean Transport Road Infrastructure Corridor) ,
Northern European countries

Connecting 4 countries

155 multi-standard chargers

■ Sweden	35
■ Denmark	23
■ Germany	67
■ Netherlands	30

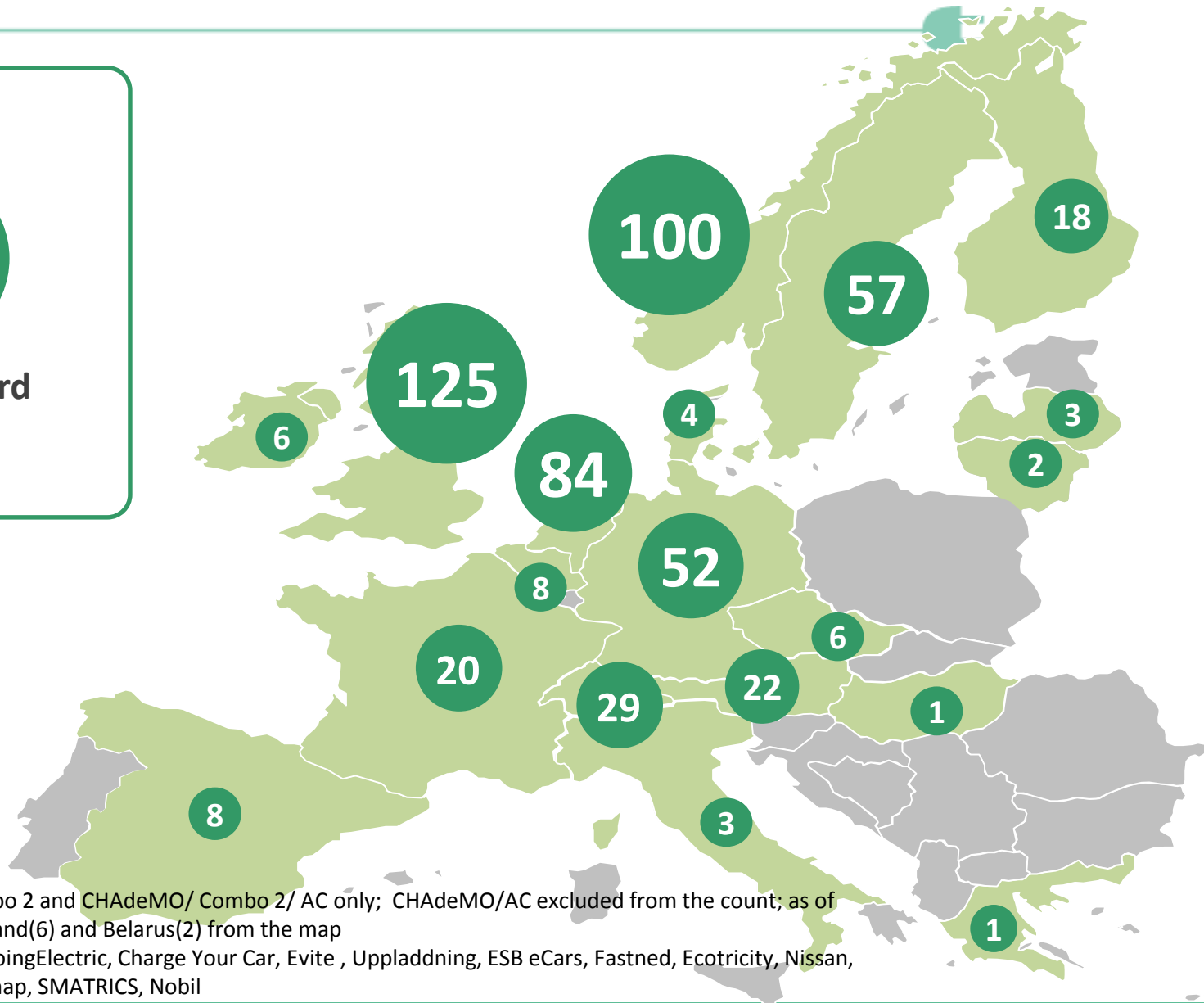


Multi-standard chargers installed in Europe

Total

551

multi-standard
chargers



Note: CHAdeMO/ Combo 2 and CHAdeMO/ Combo 2/ AC only; CHAdeMO/AC excluded from the count; as of May 2015; Missing Iceland(6) and Belarus(2) from the map

Source: ChargeMap, GoingElectric, Charge Your Car, Evite , Uppladdning, ESB eCars, Fastned, Ecotricity, Nissan, open charge map, SMATRICES, Nobil



CHAdeMO Europe activities




Member support

- Networking and meetings
 - European technical work group
 - European member meeting
- Marketing support
 - Joint stands at trade fairs
 - Borchures
- PR activities



PR for general public

- Conferences
 - Fast Charging Europe conference
 - Presentations
- PR activities
 - Communication (articles, tweets)
 @CHAdeMO_eu
 - Survey & interview requests
 - EV rally participation



Member support

Networking: CHAdeMO meetings



Technical workshop
2014



Member meeting
2014



Member support

Marketing: CHAdeMO stands



Member support Marketing: CHAdeMO materials

CHAdeMO Brochure

Our mission
Creating the optimal fast charging standard compatible with all EVs and deploying the infrastructure in order to accelerate the realization of e-mobility.

Member logos: CGH, HITACHI, Schneider Electric, ABB, Shell, LAFON, Fujikura, SEW, VSL, YAZAKI, CHARGE YOUR CAR, CIRCONTROL, IES, Jintkraft, efacec, andromeda, IKS, designLuzark, SIEMENS, ESP, bd, EVU, KIA, endesa, nrg, DEGGENDORF INSTITUTE OF TECHNOLOGY, Kawasaki, PSA PEUGEOT, SUZUKI, HYUNDAI, SUBARU, DAIHATSU, CANO, TRITIUM, TOYOTA, AKERWADE, 東京電力, HONDA, DELTA, MITSUBISHI, NISSAN.

CHAdeMO NEWSLETTER #4 10/2014

Member logos: Fujikura, EV TRONIC, DBT, TRITIUM, CITROËN, NISSAN.

4. eCarTec highlight: Tritium and Takaoka Toko exhibiting

The European Dual-standard... able to see it at this year's eCarTec. The one... producer from Australia. Tritium will be showcasing its energy... while Japanese Takaoka Toko, a leading fast charger manufacturer in Japan shall present a prototype of a simultaneous CHAdeMO-CCS-charger.

Do not miss them: Tritium – Hall B4, Booth 510 (CHAdeMO's joint booth), TAKAOKA TOKO – Hall B4, Booth 315.

5. EU to adopt the Directive as planned

On 26 September, the European Parliament and the Council have officially adopted the Directive on the deployment of alternative fuels infrastructure (a.k.a. the CPT Directive). While the Directive makes it mandatory to use "a common plug all across the EU" from 2017 onwards it endorses the dual-standard

Logos: TAKAOKA TOKO, TRITIUM.

CHAdeMO @CHAdeMO_eu · 13 avr.

First day of #MobiliTec #hannovermesse the @CHAdeMO_eu stand presenting a wide variety of fast-charging products

Twitter

Information

- 2015/04/22 **New!** CHAdeMO Association at Hannover Messe 2015 Rep
- 2015/04/21 **New!** CHAdeMO brochure is now available both auf deute
- 2015/03/24 CHAdeMO Association and its members will once again Mobilitec
- 2015/03/20 The charger location map maintenance has terminated. However, the European map is still under construction and version. Some pin location on this map may be slightly off b correcting them all. Thank you for your understanding.
- 2015/03/03 CHAdeMO fast charger maps are currently not available du

Global deployment

Logos: NIPPON STEEL & SUMIKIN TEXCO, ABB (Switzerland), Shindengen Electric, ENDESA (Spain), ABB (Switzerland), EVTRONIC (France), SGTÉ (France).

[More info](#)

Member support PR: CHAdEMO PoV



&

**CPT
Directive**



The Association welcomes EU decision to endorse CHAdEMO in Multistandard chargers

Dear CHAdEMO supporter,

The European Parliament has adopted today with overwhelming support the final draft for the Directive on the deployment of alternative fuels infrastructure. CHAdEMO Association welcomes the decision by Europe to endorse the dual-standard approach to DC fast charging. By clearly recognizing "multistandard recharging" and protecting the interest of the first-mover EV drivers as well as Member States, EU has aligned the legislation with the present state of the market and left the door open for future evolutions.

You can read more about it, with the original text

We would like to thank all of you again for all of your issues and current and future EV drivers. We will continue to work hard to find answers in Europe, for an indefinite duration of time.

Thank you for your continuous support!

CHAdEMO Association

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- Technology
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- Standardization
- CHAdEMO

- ### FAQs – CPT Directive
- What is the CPT Directive?
 - What institutions are involved in defining it?
 - Has this law already been adopted?
 - What does the final version of CPT say about CHAdEMO and DC fast charging?
 - What is CHAdEMO Association's reaction to this legislative movement?
 - What is a multi-standard charger? Are they already available? Why is it a good solution?
 - I am an EV fan and I support CHAdEMO. Is there anything I can do to help?

EU Directive 2014

movilidadeléctrica.com
Información del vehículo eléctrico

Quienes somos Suscripción

Europa vuelve al CHAdEMO

Publicado el Domingo, 20 Abril 2014 23:30

La Unión Europea da un paso atrás y decide respaldar el formato multiestándar para los cargadores que se instalen en los países de la Unión Europea. De esta forma abre paso al formato CHAdEMO, el más extendido en el viejo continente, como sistema de recarga rápida junto al CCS

Home | About Us | Compare Plug-ins | Get Our Newsletter | Staff

InsideEVs

CHAdEMO Association Welcomes EU Decision To Endorse CHAdEMO in Multistandard Chargers

MONTHLY SALES SCORE

Europa, el

el 31 de

tecnología, no

a políticos

deMO,

eléctricos.

ndrán

do punto

de recarga

kW a 22 kW)

lbo o

iente permitan la recarga mediante CHAdEMO, tal y

Bénéficiez d'«AUTOLIB'1 AN» à 120€ **80€**



CHAdEMO Association recently happily responded on the final draft for the Directive on the deployment of alternative fuels infrastructure, in which the words "the national period of discontinuance" for new CHAdEMO installations.

"The European Parliament has adopted today with overwhelming support the final draft for the Directive on the deployment of alternative fuels infrastructure. CHAdEMO Association welcomes the decision by Europe to endorse the dual-standard approach to DC fast charging. By clearly recognizing "multistandard recharging" and protecting the interest of the first-mover EV drivers as well as Member States, EU has aligned the legislation with the present state of the market and left the door open for future evolutions."

"The recital 2 of this directive clearly advocates that existing EVs shall continue to be able to charge, and that the existing infrastructure remain in operation without restrictions or any arbitrary transitional period."



CHAdEMO and Combo 2 plugs

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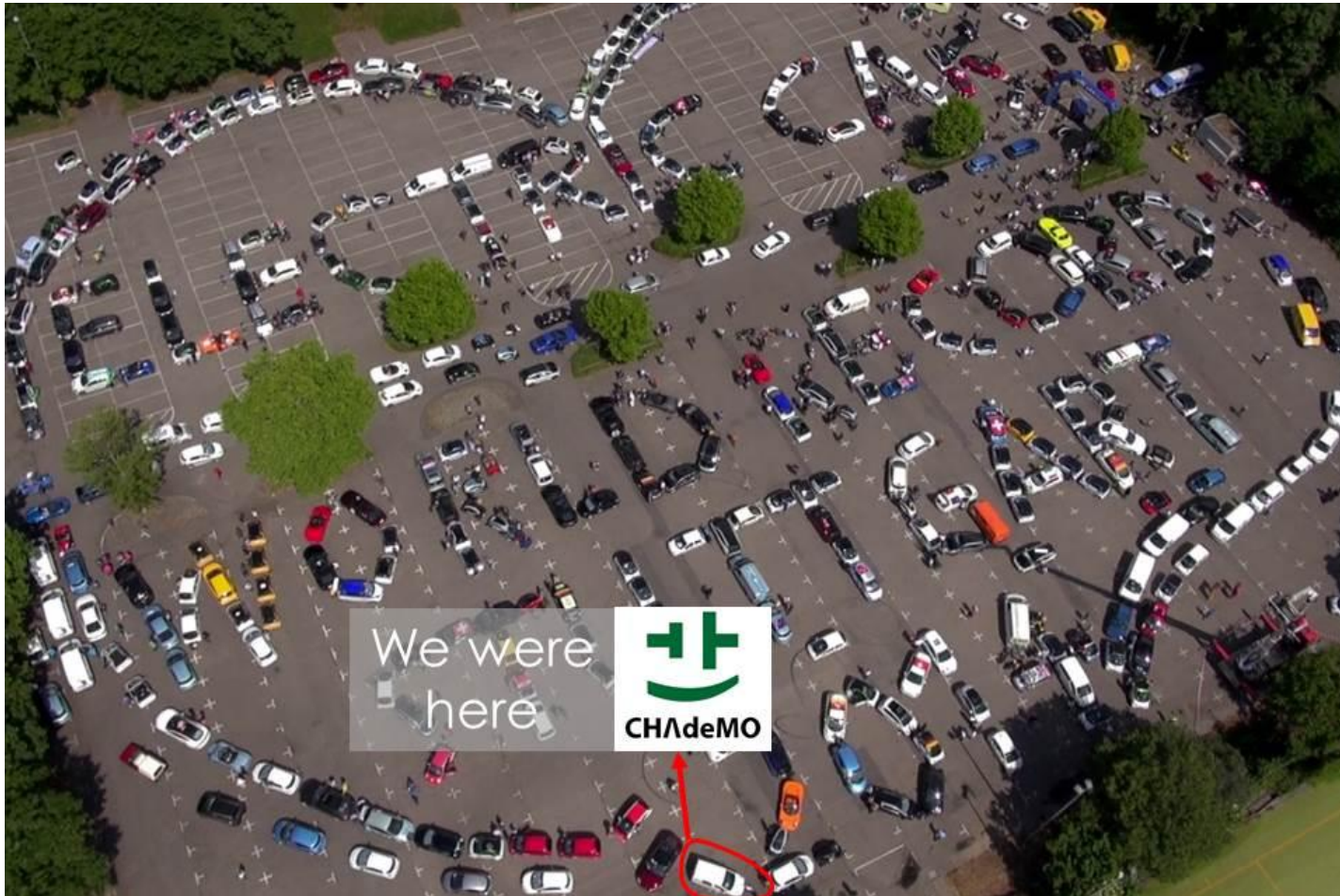


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Thank you!



We were
here

