

## **CH**\(\text{de}MO\)

# CHAdeMO in Europe FY2015

1 June 2016



### PRESENTATION PLAN

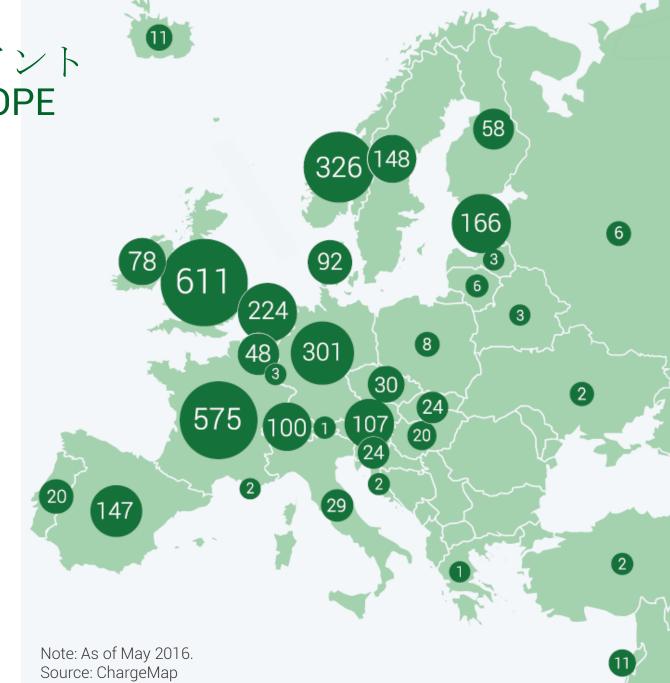
- ○ヨーロッパの急速充電器
  - 最新統計
  - 充電器密度
  - o マルチ充電器
  - 。 欧州連合事業
- 。 欧州事務所活動報告
  - 。 展示会
  - 。 会員総会
  - o PR





ヨーロッパのチャデモ充電ポイント CHAdeMO CHARGERS IN EUROPE

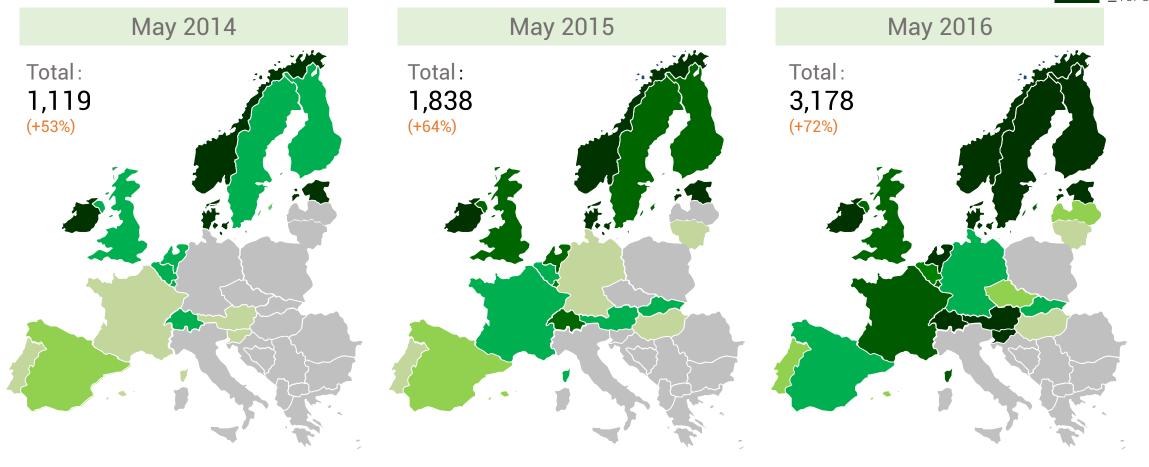
3,178<br/>TOTAL





## 充電器密度 Charger density evolution

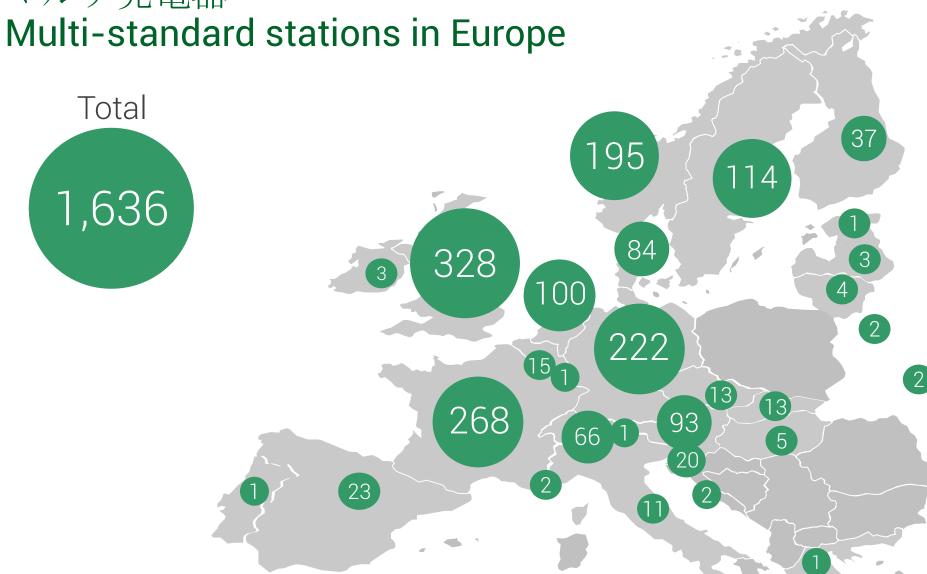






Note: Missing Iceland and Belarus from the map.

## マルチ充電器

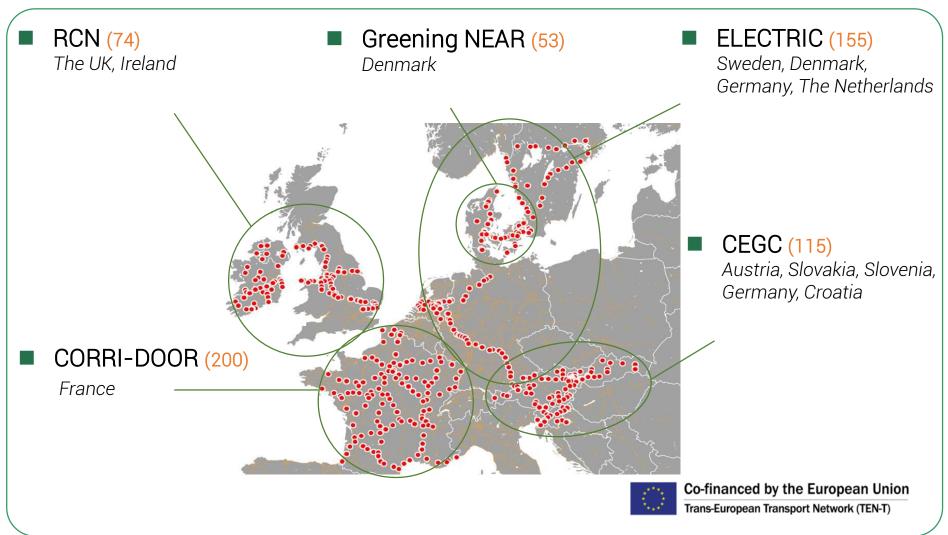




Note: CHAdeMO/ Combo 2 and CHAdeMO/ Combo 2/ AC only; CHAdeMO/AC excluded from the count; as of May 2016. Missing Source: ChargeMap

## 欧州連合のマルチ事業

## The EU projects (TEN-T 2013-2015)



欧州指令Directive 2014/94/EU (前文Recital 33)

Interface to charge electric vehicles could include several socket outlets or vehicle connectors as long as one of them complies with the technical specifications set out in this Directive, so as to allow multistandard recharging.

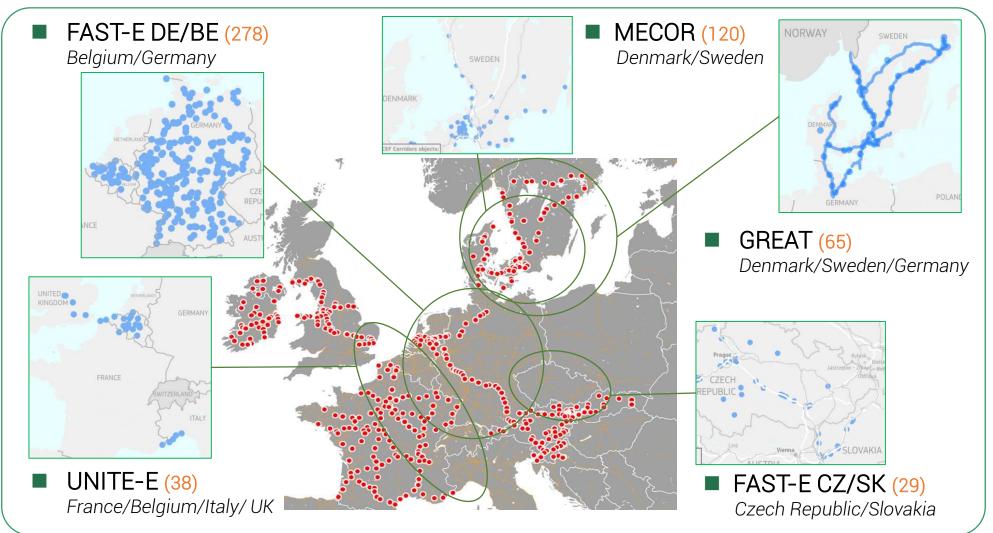






### 欧州連合のマルチ事業

## The EU projects (CEF 2014-2017)







## チャデモ共同展示 Mobilitec / Hannover Messe



- o ハノーバーHannover, April 2015
- Biggest ever stand 過去最大(85m2)
- 9 社の共同出展 co-exhibitors







### eCarTec





- o ミュンヘン Munich, October 2015
- o 80m2 / 9 co-exhibitors
- 2EVs 3 multistandard chargers 2 V2XPCS 1 connector 1 BMS









## 欧州会員総会

## Member Meeting 2015:10/20 @ Munich



88 34 88 88 54

F 11

**☆4.3** 

Participants AM

Participants PM

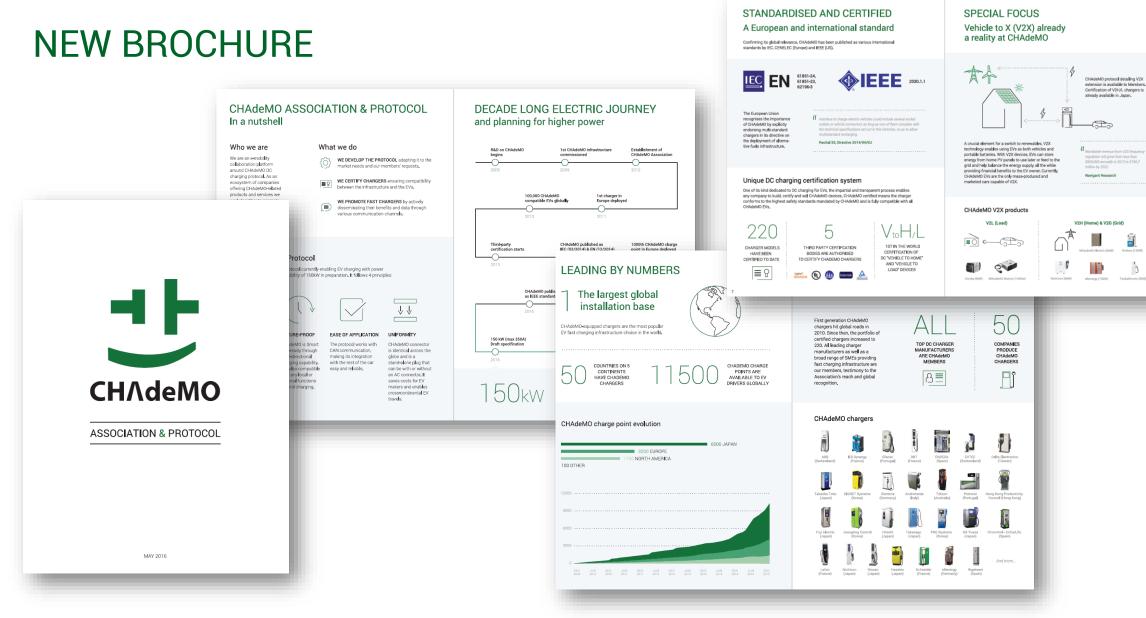
Presentations

Overall satisfaction\*



\*Note: Not at all satisfied = 1, Extremely satisfied = 5. 93% rated 4 or 5 for overall satisfaction.

Sample: 22





### PR/COMMUNICATION



**NEWSLETTER #3** 

Dear CHAdeMO member.

Summer is finally here and, with all the e-mobility events that are happening in June, we can really feel the heat! You will actually see it in the newsletter - we prepared a lot of important updates and news for you. Without further delay, in this 3rd issue of CHAdeMO Europe 2015 newsletter we talk about:



#### CHAdeMO numbers continue to grow

While still a niche, fast charging market continues to grow - and a last year's over 100% growth of CHAdeMO charge points globally, from 3,740 to 8,549, is a testimony to that. Europe has just reached 1838, i.e. a 50% growth compared to 2014, Japan almost doubled its fast charging infrastructure reaching 5418 last month and the US saw 400 new chargers being

#### Newsletter's representative



during Hannover Messe. Watch the video to find out what she has to say about the infrastructure developments in Europe and

#### **Events**

#### Last chance! Join CHAdeMO booth at eCarTec Munich 2015, 20-23 October 2015

Once again we are exhibiting at eCarTec, the biggest e-mobility faire in Europe. With 5 charger and 1 connector manufactures and 2 car manufacturers we have secured an 80sqm booth which is as big as our booth at Hannover Messe this year. Our booth will be in a very attractive location, along the main

#### Information

CH∧deMO

aded on About us > General Assembly &

Clever shares its experiences of fast charging

bers: Circontrol, EVTEC, Fujikura, IES, JAE er Messe 2016, 25-29.04.2016. Come and see

e ticket please follow this link)

was published

STANDARDS CHAdeMD, the most widely deployed DC fest charging protocol in the ASSOCIATION world and already an IEC/EN standard, has gained another formal recognition last month as it was published as IEEE Standard 2030.1.1TM-2015, following the draft approval by the IEEE Standards



development, IEEE Standards Association is a leading developer of industry standards in a broad range of technologies, not just in the automotive sector.

With an active portfolio of nearly 1,300 standards and projects under

CHADEMO PUBLISHED AS IEEE STANDARD

Association Board in September 2015.

29/02/2016

IEEE Standard 2030.1.1TM-2015 is provided to assist developers for the reason of necessary interoperability and defines requirements for the designs of electric vehicles (EV) and DC fast chargers that promote efficient and rapid charging between EVs and chargers. The standard specifies the collaborative actions between EVs and fast chargers, referencing relevant international specifications

association," Dave Yoshida, CHAdeMO Association's Secretary General, said, "With this US-based standard, CHAdeMD is now endorsed in the biggest EV market in the world, following the EN standards for Europe and the JIS standards for Japan, CHAdeMD shall continue to support EV expansion from the infrastructure side, in close collaboration with our Members and other e-mobility stakeholders."

Headquartered in the U.S.A., IEEE (Institute of Electrical and Electronics Engineers) is the technical professional association for declared to advancing section from the benefit of Standards Association is the globally recognized standards-setting body within IEEE. consensus standards through an open process that engages industry and brings together a bi

For more information, please contact: CHAdeMO Association Burgge, www.chademo.com

CHAdeMO ver.1.0 Certified Chargers



SUMIKIN TEXENO













OF ALL DC FAST CHARGE POINTS FOR EVs IN THE WORLD ARE CHAdeMO

COUNTRIES ON 5 CONTINENTS HAVE CHAdeMO CHARGERS



CHAdemo BY CONTINENT



**→** 10.000 CHAdeM0









Infographics HARGER!

220

CHARGER MODELS HAVE BEEN CERTIFIED SO FAR

TESLA



EVS BY FAST CHARGING INLET GLOBALLY

CHAdeMO

CERTIFICATION EXTERNALISED

2013



OTHER FC NO FAST

CHARGE

386.000

