

Chargemap.com

Creating a reliable map of charging stations with EV drivers

by Yoann NUSSBAUMER

SAABre⁺

Automobile Propre



Why ChargeMap?

2009





FREI

DBT
CEV

UNO DEI PIÙ RINOMINATI
CONSIGLIERES DI MERITO NELLA
TELECOMUNICAZIONE E NELLA
ELETTRICITÀ IN EUROPA E IN AMERICA
SUD-ORIENTALE E IN AMERICA
CENTRO-ORIENTALE
E IN AFRICA

ESPERIENZA
OPERATIVA
IN TUTTI I PAESI
DELLA ZONA EUROPEA
E IN AMERICA
SUD-ORIENTALE
E IN AMERICA
CENTRO-ORIENTALE
E IN AFRICA

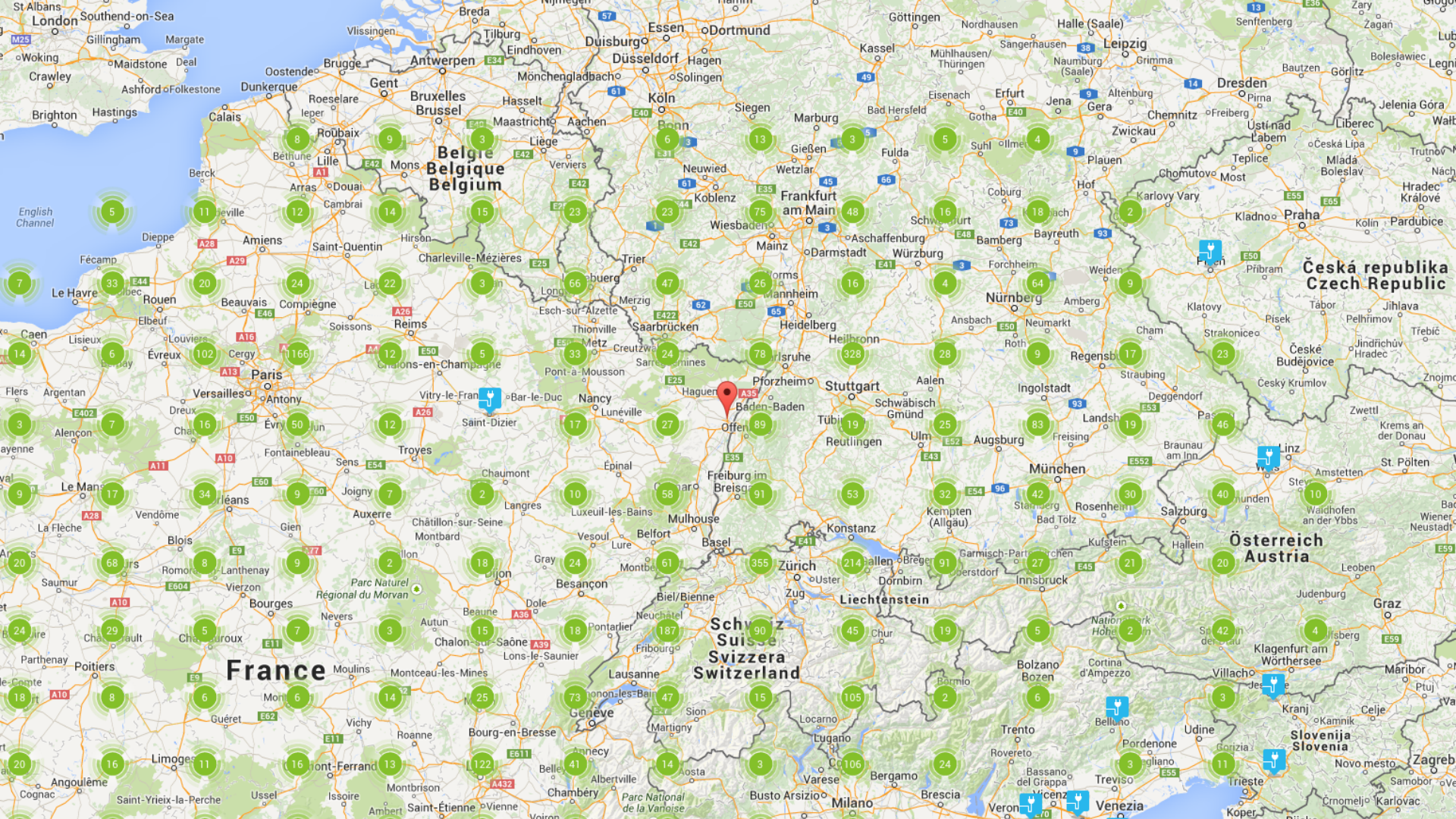
AC



Chargemap.com
Find charging points for your electric car

BT-003-EH

**What are the challenges with
charging station information?**







Joe 4G 16:29

Checkin

IKEA - Strasbourg Note **4.8/5**
 26 Place de l'Abattoir
 67200 Strasbourg

Commentaires 14 Photos 16 Itinéraire

Appeler Modifier Signaler

Joe 4G 16:30

Checkin

Accès

Horaires

Lundi	10:00/21:00
Mardi	10:00/21:00
Mercredi	10:00/21:00
Judi	10:00/21:00
Vendredi	10:00/21:00
Samedi	10:00/20:00
Dimanche	Fermé

Accès **Ouvert à tous les utilisateurs**

Méthode d'authentification **Aucun**

Nom du propriétaire **IKEA Strasbourg**

Joe 4G 16:30

Checkin

<fr/fr/store/strasbourg/>

Places de parking **2**

Réservation **Impossible**

Tarifs **Recharge gratuite**

Parking payant **Non**

2 Prises

Prise CHAdemo
 43kW
 +++ Plus d'infos

Prise type 2
 43kW
 +++ Plus d'infos



**Why is working with users
essential?**



Automobile Project
www.automobileproject.com

BT-003-EH

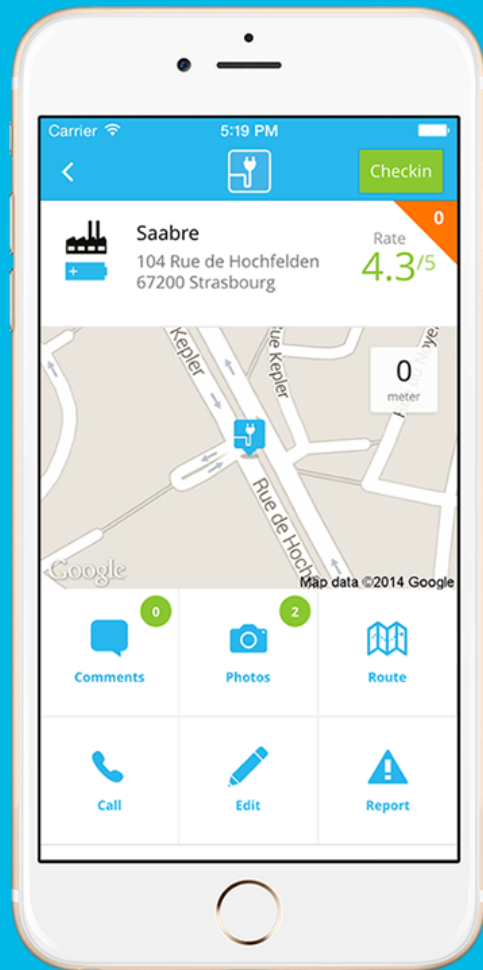
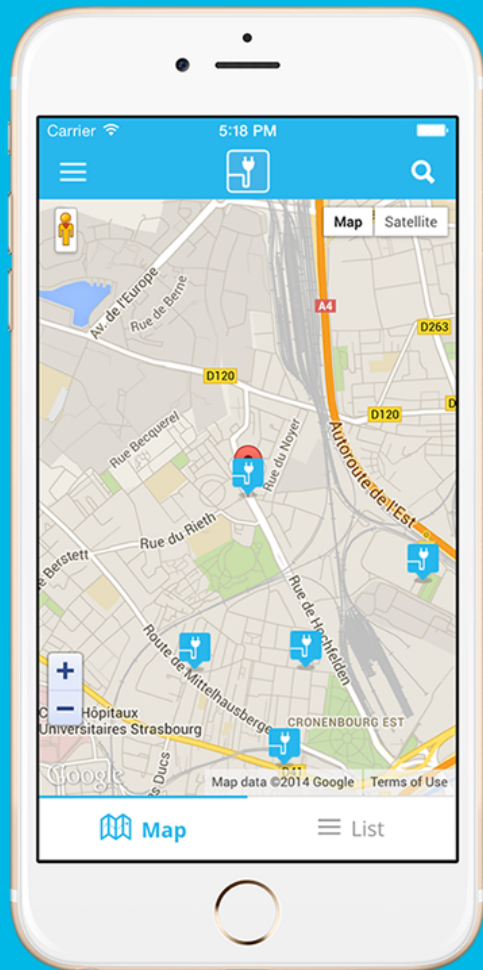
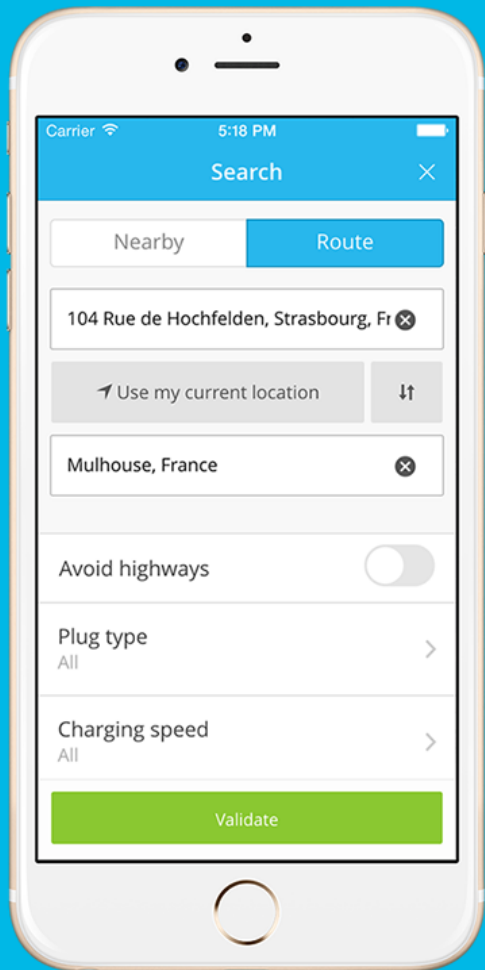
CV-753-HN

**How does ChargeMap work with
its community of users?**

1 - Providing the “basic” information

- Working with operators
- Watching the press for new charging stations
- Working (hard) in the background to clean up/verify data

2 - Providing the right tools



3 - Reviewing user contributions

2



Is the picture credible?

Is the user a regular contributor?

What else can we add?

- plug type?
- the operator name?
- information about access?
- can we improve the location?
- ...



Validate the picture

Update the charging station with
the additional information

...

4 - Assigning missions



Missions



Complete the missions to improve your position in the user ranking!



Garage Freund et Heim

Route de Mittelhausbergen
67200 Strasbourg

871
m



Take pictures of this charging point

+5pts



Complete this charging point with :

- Data has not been updated for a long time
- Which authentication

+2pts



Ranking



Shain

You are 267th in the ranking with 0 points



Flib

404

1



BodemerAuto

355

2



sev2000

278

3



glk

224

4

5 - Focusing on real-time information



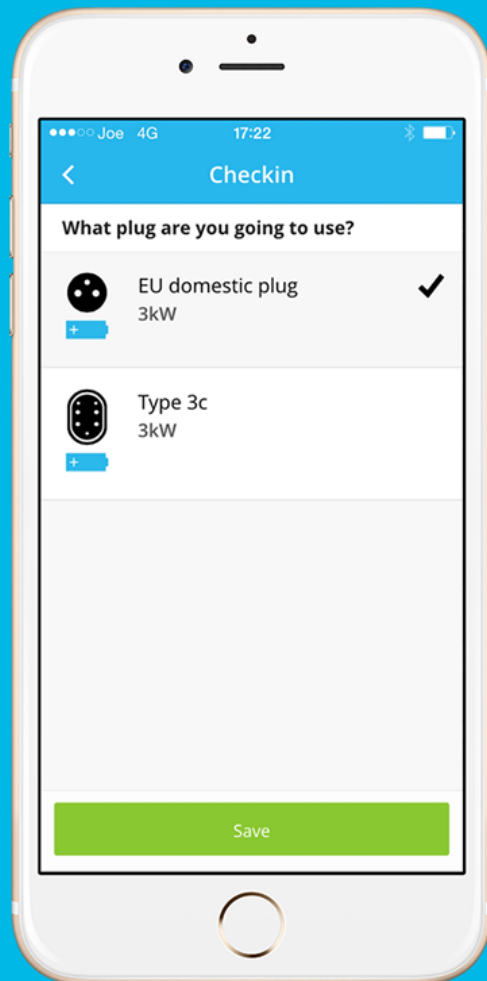
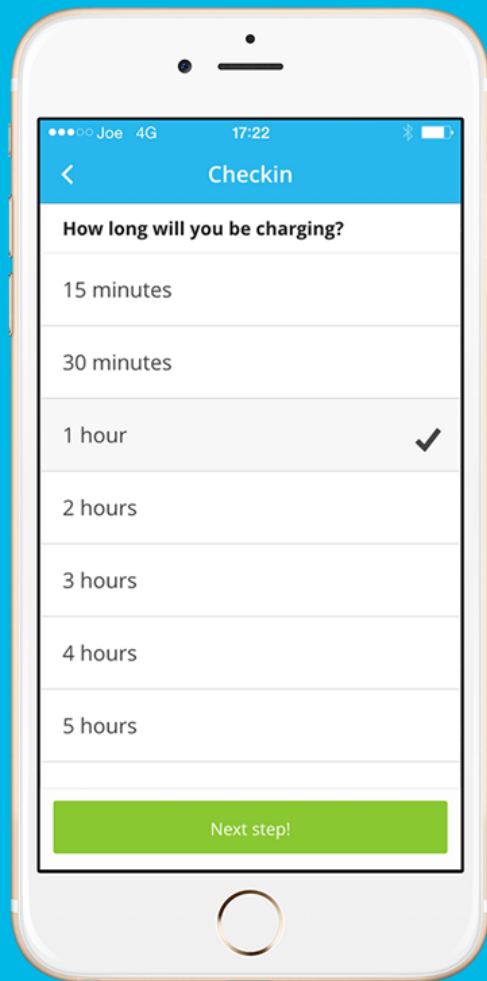
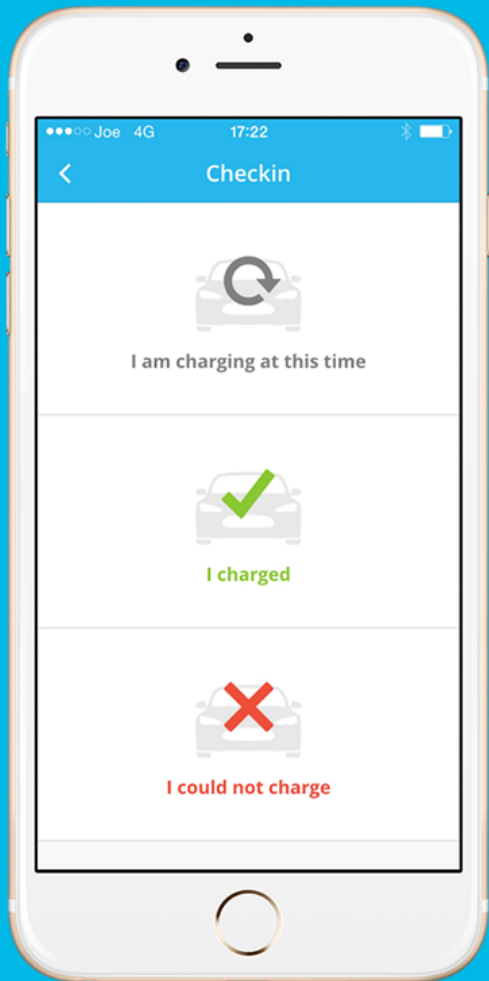
STORAGE
VEHICLE ONLY
PERMIT PARKING ONLY
PERMIT NO. 65
AT ALL TIMES
SFTC SECTION 801 (C) (10)
VIOLATORS SUBJECT TO TOWING
FOR TOWED VEHICLES CALL 553-1235

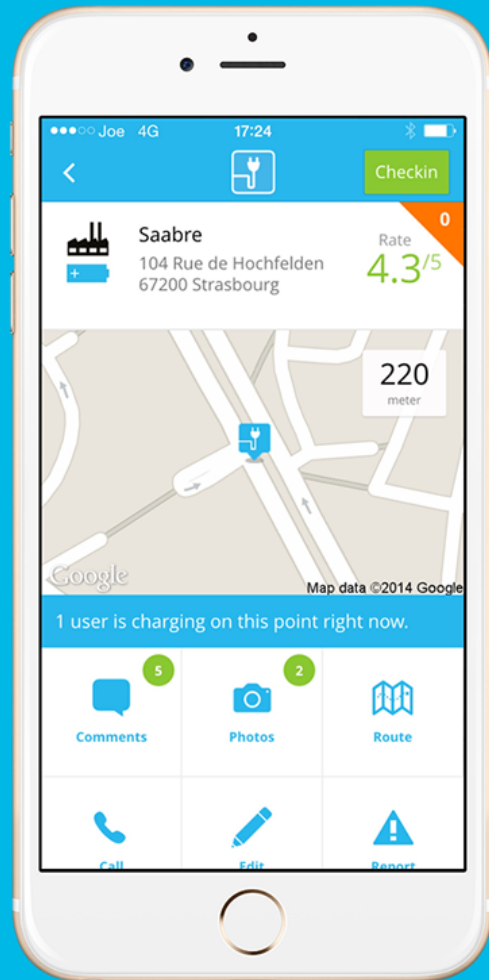
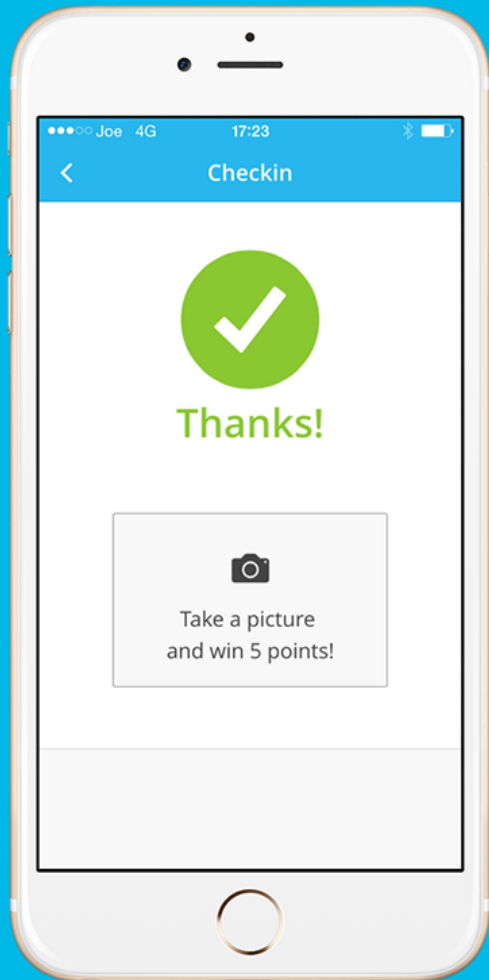
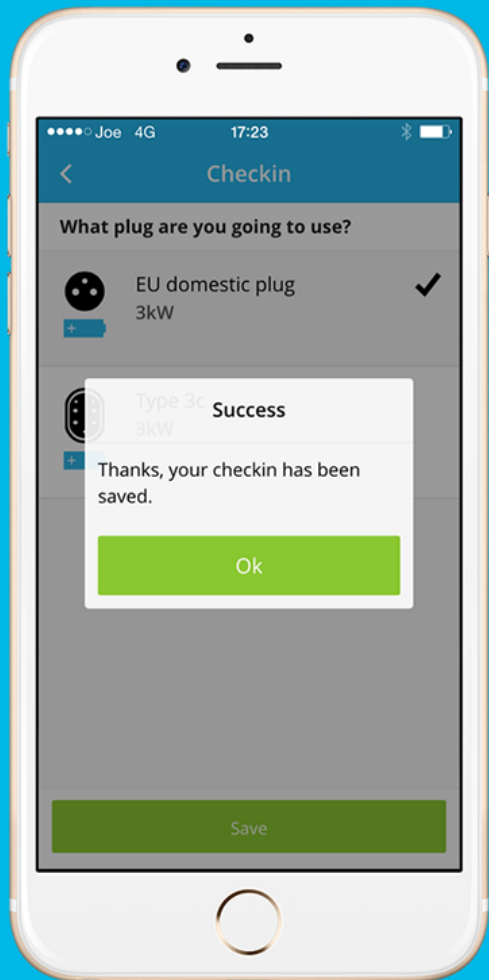

CITYCARSHARE
A Division of
Zipcar

STORAGE
PLUG-IN VEHICLE ONLY
PERMIT PARKING ONLY
PERMIT NO. 65
AT ALL TIMES
SFTC SECTION 801 (C) (10)
VIOLATORS SUBJECT TO TOWING
FOR TOWED VEHICLES CALL 553-1235

GREEN VEHICLE
SHOWCASE
PLUG-IN VEHICLE ONLY
PERMIT PARKING ONLY
PERMIT NO. 64
AT ALL TIMES
SFTC SECTION 801 (C) (10)
VIOLATORS SUBJECT TO TOWING
FOR TOWED VEHICLES CALL 553-1235

zipcars
live here



The results

- The most reliable database in France
- Major progression in Europe
- A “ Trip saver “ for some users!

21 908

charging points

59 726

plugs

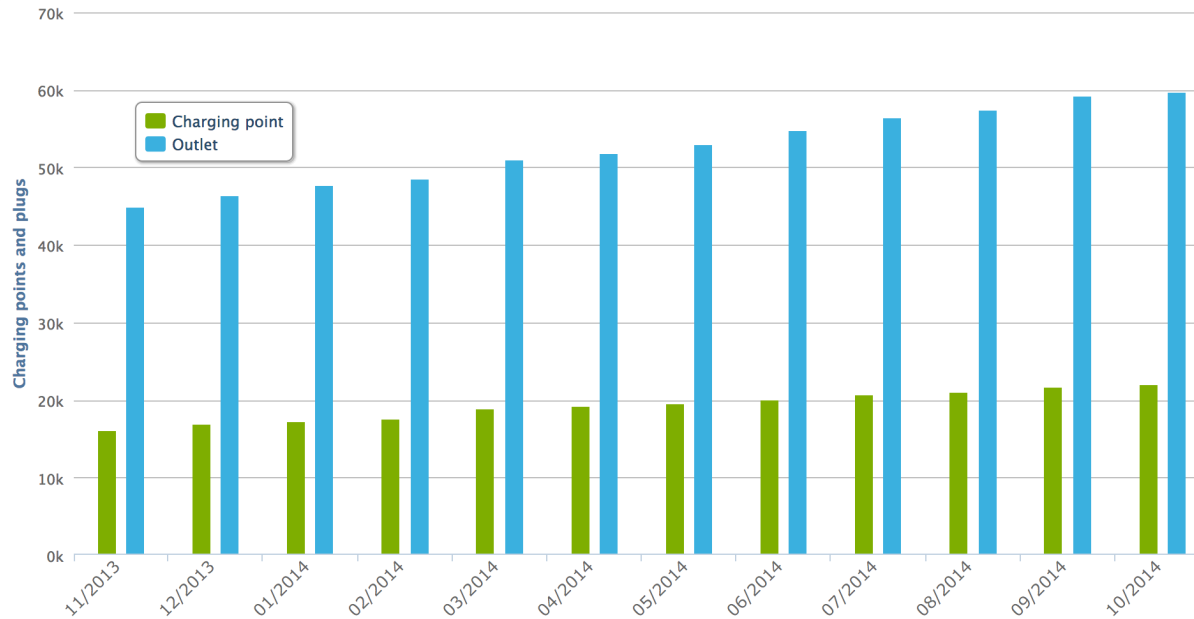
13 629

Members

17 188

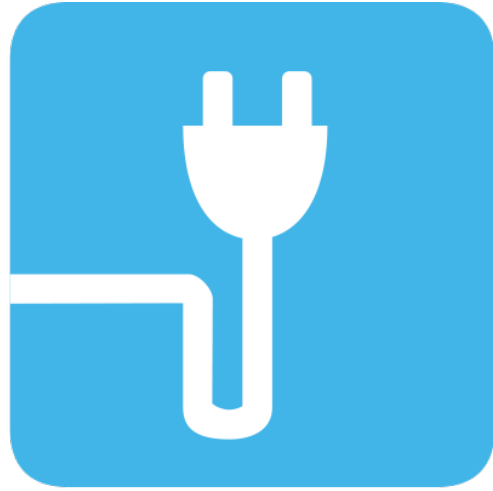
photos

Number of charging points and plugs in the last 12 months



Conclusion

- You can contribute too!
- We're looking for data from operators



Chargemap.com

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