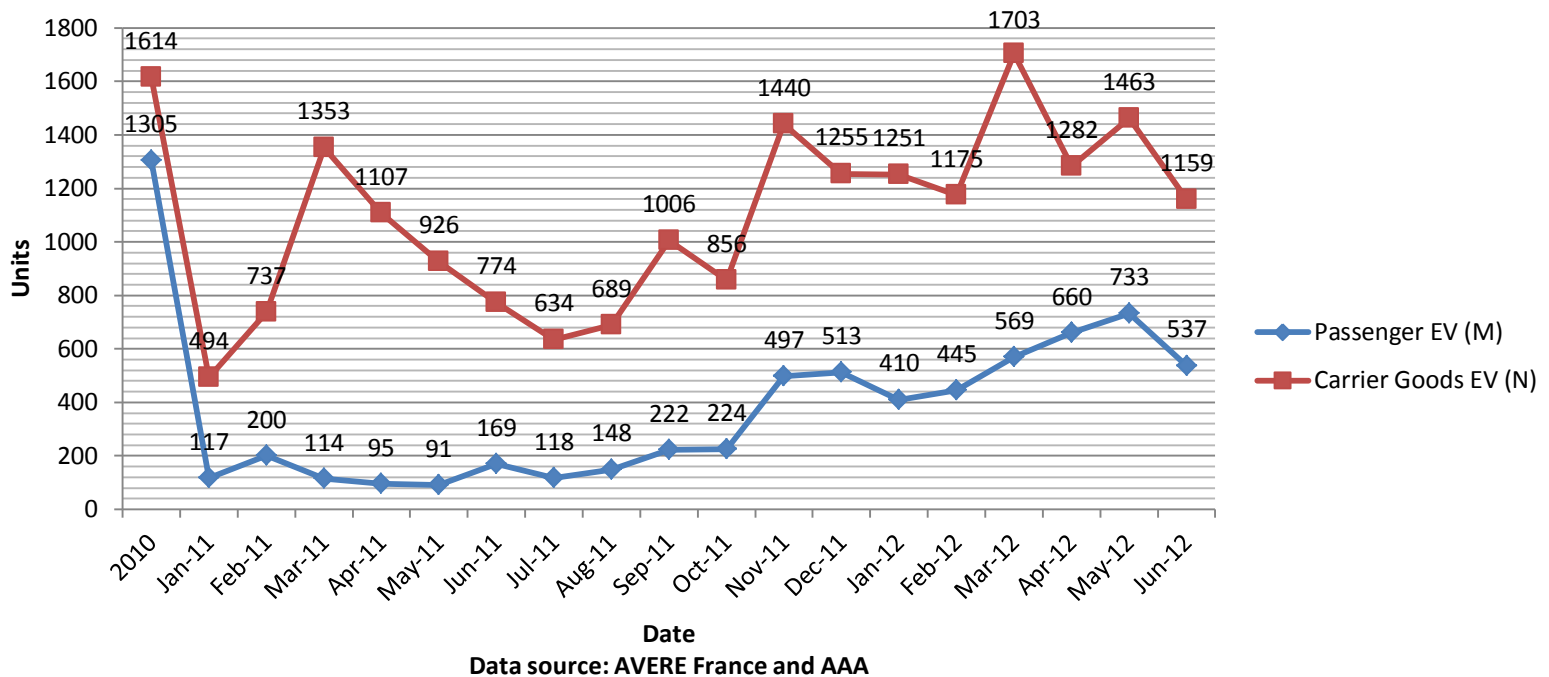
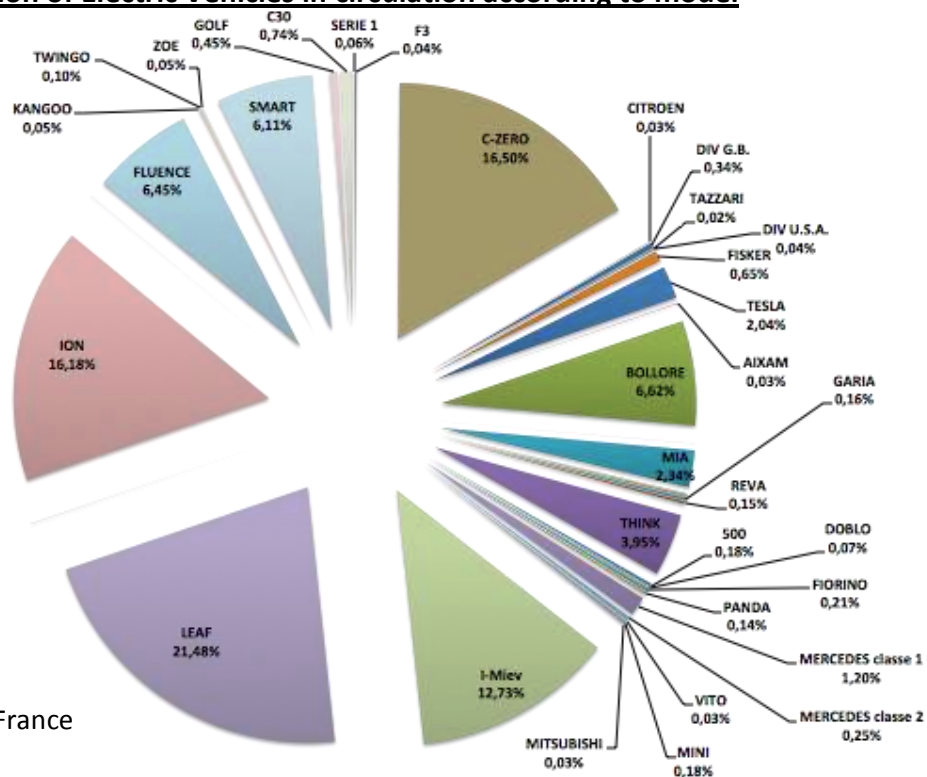


## DATA COLLECTION – from June to August 2012

**Figure 1.1 Electric Vehicle sales in Europe since 2010**

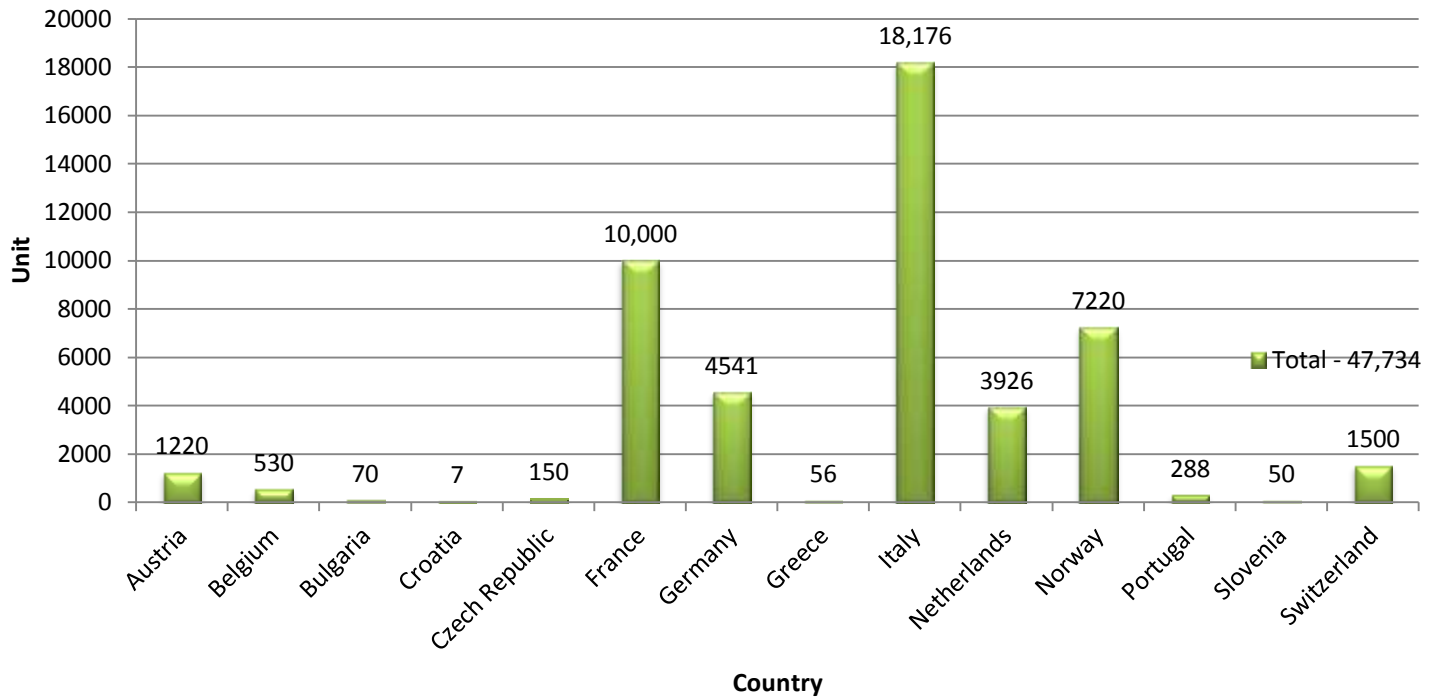


**Figure 1.2 Distribution of Electric Vehicles in circulation according to model**

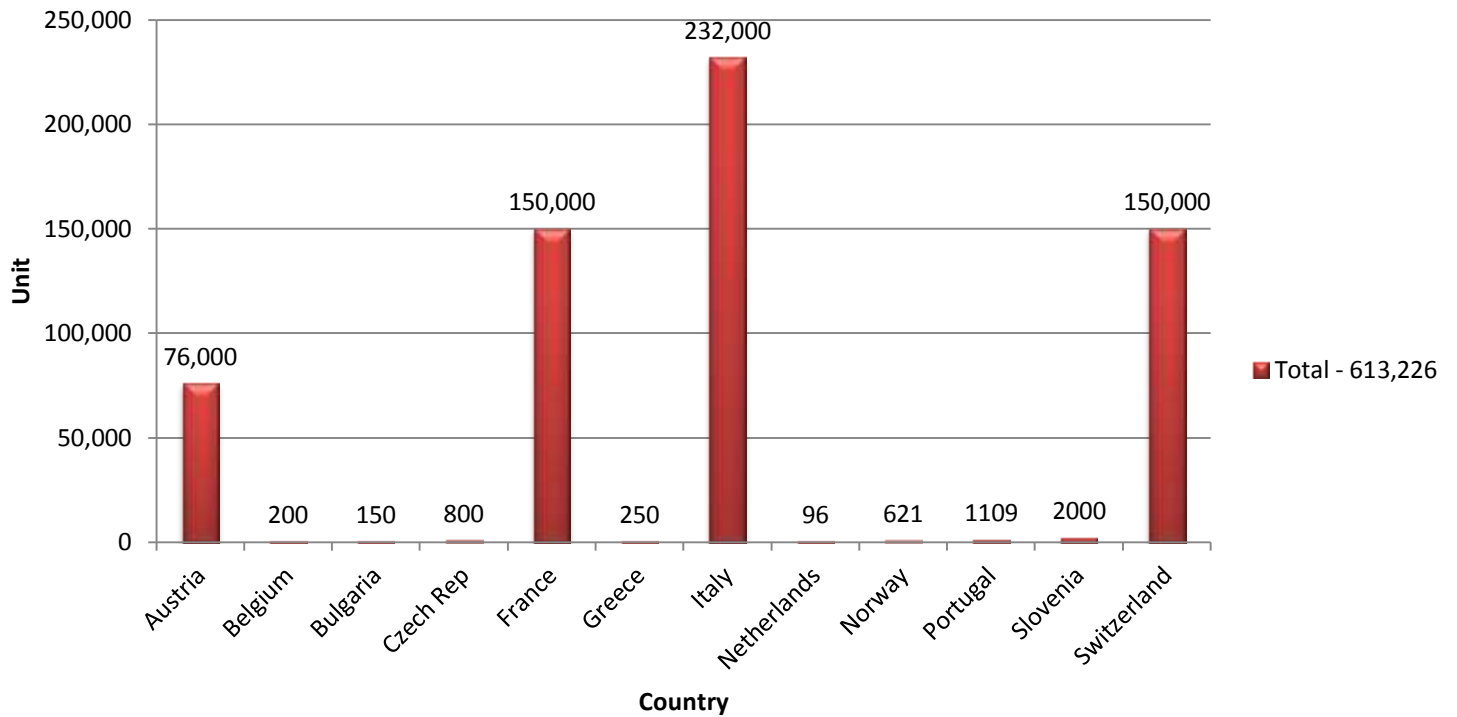


Data source: AVERE France and AAA

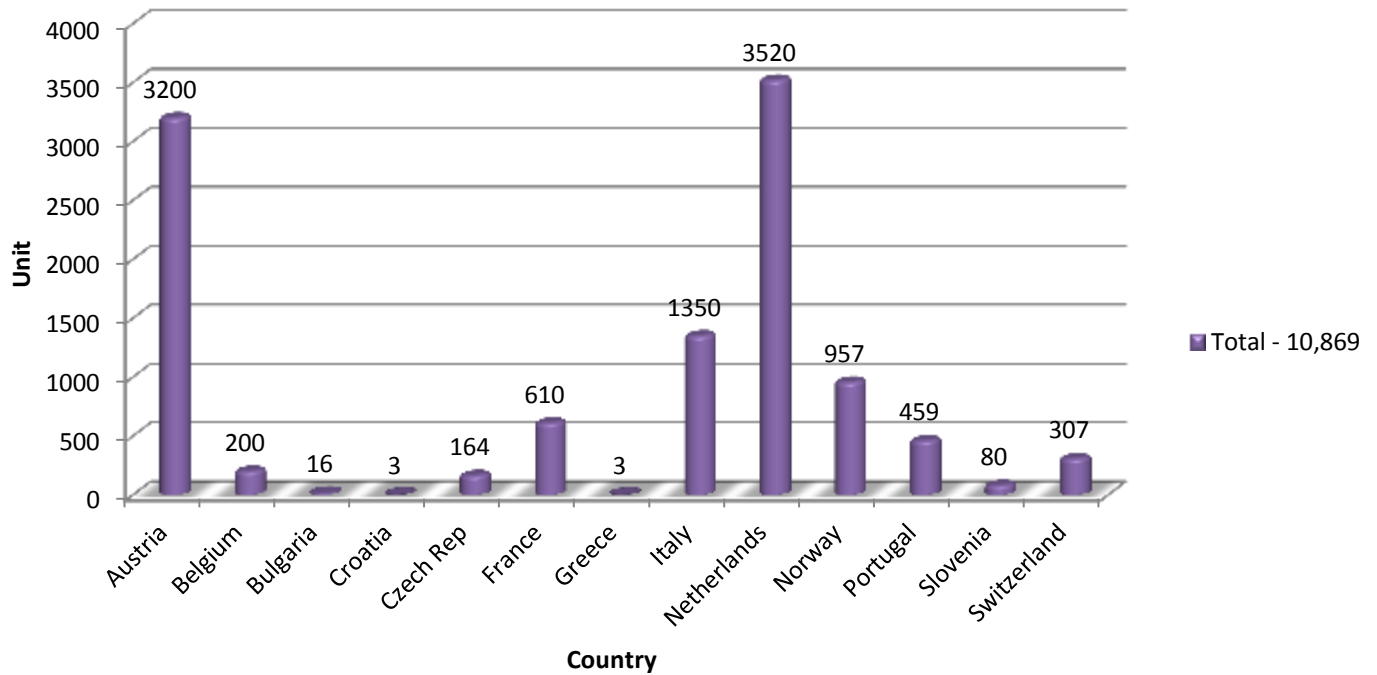
**Figure 1.3 Number of Electric 4-wheelers in Europe**



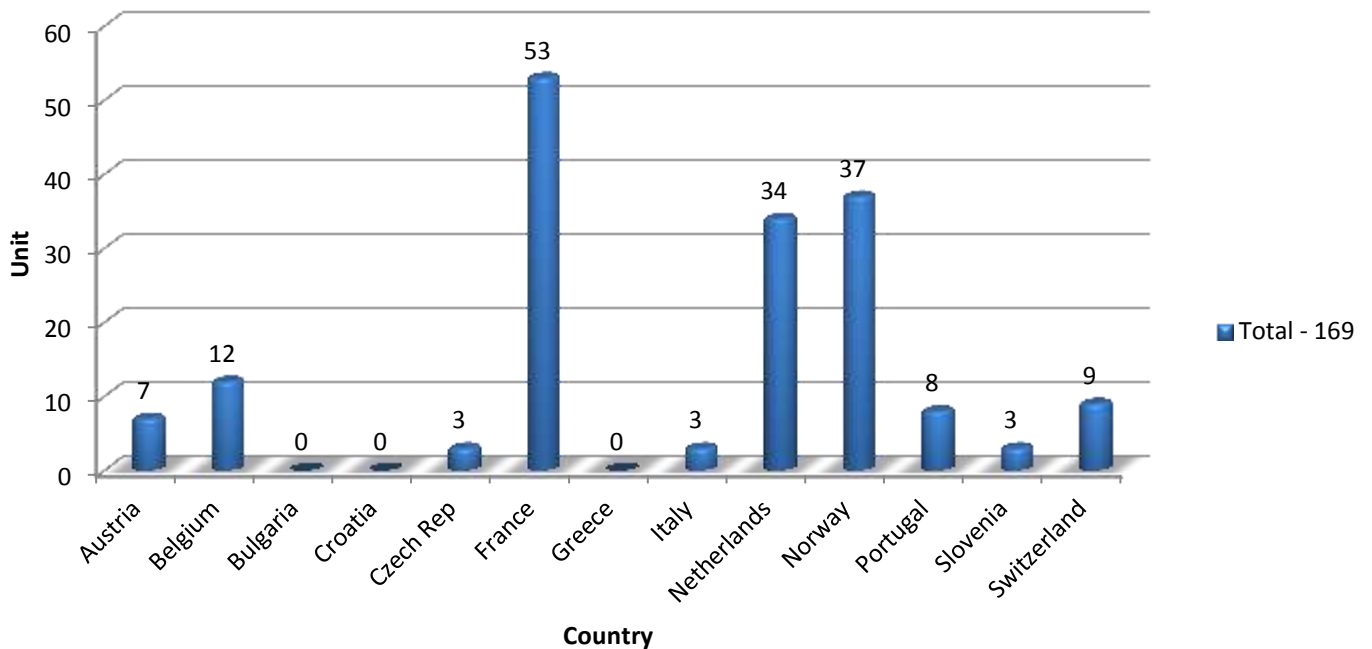
**Figure 1.4 Number of Electric 2-wheelers in Europe**



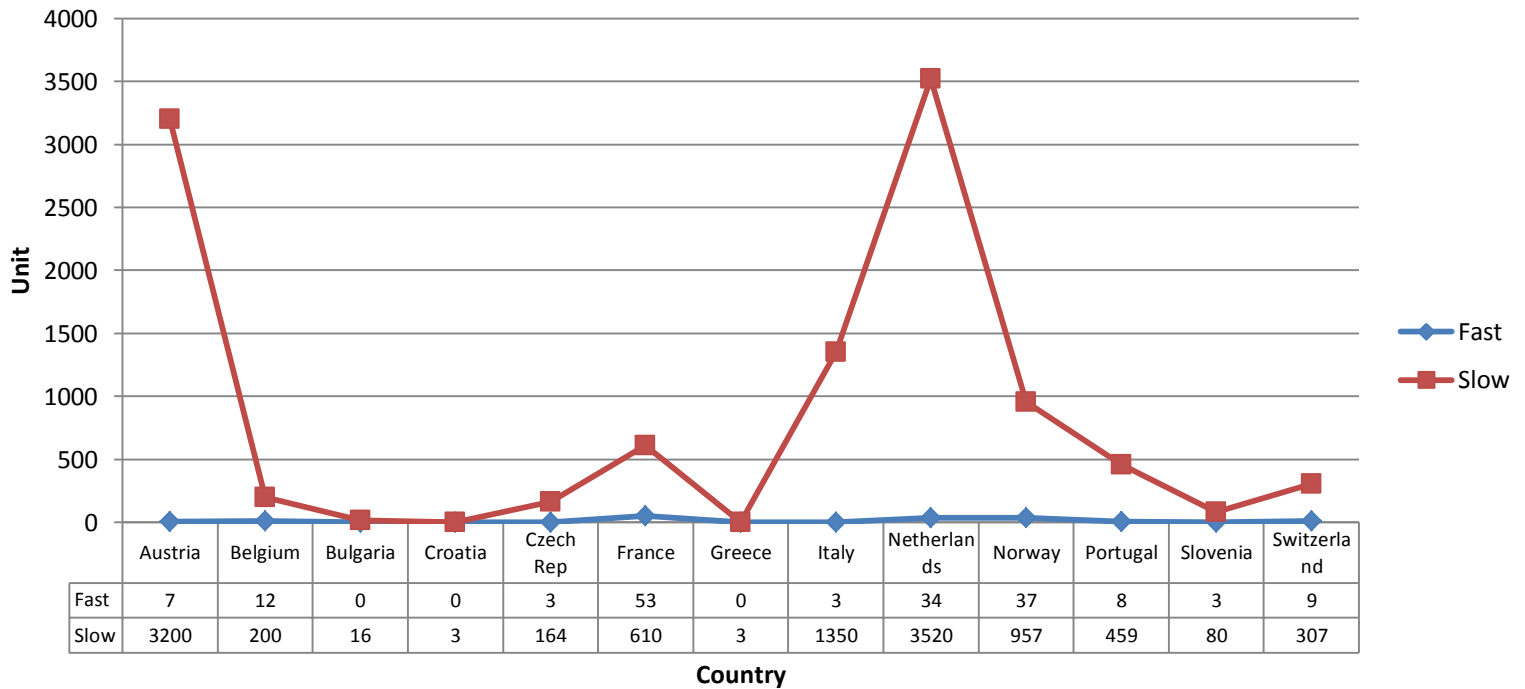
**Figure 1.5 Number of Slow Charging Stations in Europe**



**Figure 1.5 Number of Fast Charging Stations in Europe**



**Figure 1.6 Comparison Chart of Fast and Slow Charging Stations in Europe**



## Austria

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	3200 (but some are on private places with allowance to charge)
- Number of Fast Charging (AC/DC) in the whole country:	7 (4 Chademo)
Same data for 1 or/and 2 major cities:	Vlotte Region
- Number of Slow/Normal Public charging:	120
- Number of Fast Charging (AC/DC):	3 (2 Chademo)
<b>Links to Charging Stations Maps on line for your country:</b>	<a href="http://www.elektrotankstellen.net/">http://www.elektrotankstellen.net/</a> <a href="http://e-tankstellen-finder.com">http://e-tankstellen-finder.com</a> <a href="http://www.lemnet.org">http://www.lemnet.org</a>
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	1220
- Number of 2 EV wheelers:	6000 E-Motorcycles and 70.000 E-Bikes
<b>Vehicles registered in 2011:</b>	Number total of vehicles on the road: 4.560.808 vehicles in Austria, no data for total EVs (waiting)

## Belgium

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	200
- Number of Fast Charging (AC/DC) in the whole country:	12
Same data for 1 or/and 2 major cities:	Brussels
- Number of Slow/Normal Public charging:	30
- Number of Fast Charging (AC/DC):	10
<b>Links to Charging Stations Maps on line for your country:</b>	<a href="http://www.asbe.be">www.asbe.be</a>
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	500 EV / 30 PHEV
- Number of 2 EV wheelers:	200 2, 3 and 4cycles (no data about bikes)
<b>Vehicles registered in 2011:</b>	400 EV / 16 PHEV

## Bulgaria

1. Charging Infrastructure:	
- Number of Slow/Normal Public charging in the whole country:	16 (expected to reach 75 by the end of the year)
- Number of Fast Charging (AC/DC) in the whole country:	0
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging in Sophia	12 (expected to reach 35 by the end of the year)
- Number of Fast Charging (AC/DC):	0
Links to Charging Stations Maps on line for your country:	
2. EVs:	
Vehicles on the road:	
Number of 4 wheelers on the road (EV/PHEV):	OEM models - 15 -20
	DIY conversions - over 50 (excluding 200 non-registered 4 wheelers)
Number of 2 wheelers on the road:	over 150 (excluding over 600 non-registered scooters and bicycles)
Vehicles registered in 2011:	OEM vehicles - 10, 2 wheelers - over 120

## Croatia

1. Charging Infrastructure:	
- Number of Slow/Normal Public charging in the whole country:	3
- Number of Fast Charging (AC/DC) in the whole country:	0
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	1
- Number of Fast Charging (AC/DC):	0
Links to Charging Stations Maps on line for your country:	
	<a href="http://www.e-mobilnost.hr/punionice_ev.html">http://www.e-mobilnost.hr/punionice_ev.html</a>
2. EVs:	
Vehicles on the road:	
- Number of 4 wheelers (EV/PHEV):	7
- Number of 2 EV wheelers:	unknown
Vehicles registered in 2011:	3

## Czech Republic

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	164
- Number of Fast Charging (AC/DC) in the whole country:	3
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	Praha: 12, Brno: 8
- Number of Fast Charging (AC/DC):	
<b>Links to Charging Stations Maps on line for your country:</b>	<a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=cs&amp;msa=0&amp;msid=103520311686628033712.00043df21388580885a31&amp;z=7&amp;om=1">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=cs&amp;msa=0&amp;msid=103520311686628033712.00043df21388580885a31&amp;z=7&amp;om=1</a>
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	approx. 150
- Number of 2 EV wheelers:	ca. 500 to 1000
<b>Vehicles registered in 2011:</b>	
	>> 150 (including "solar vehicles" and many others not really existing)

## France

### (AVERE-FRANCE DATA 2011)

1. Charging Infrastructures	
Number of Slow/Normal Public charging in the whole country:	610 stations (1600 plugs)
Number of Fast Charging (AC/DC) in the whole country:	53
Same data for 1 or/and 2 major cities:	Paris : 201, Marseille : 4, Lyon : 27.
Number of <del>Slow</del> /Normal Public charging:	Paris : 197, Marseille : 3, Lyon : 26
Number of Fast Charging (AC/DC):	Paris : 4, Marseille : 1, Lyon : 1
Links to Charging Stations Maps on line for your country:	<a href="http://fr.chargemap.com/">http://fr.chargemap.com/</a>
2. Evs:	
Vehicles on the road:	160 000
Number of 4 wheelers (EV/PHEV):	10 000
Number of 2 EV wheelers:	150 000 (40 000 sold in 2011)
Vehicles registered in 2011:	4531



## Germany

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	
- Number of Fast Charging (AC/DC) in the whole country:	
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	
- Number of Fast Charging (AC/DC):	
<b>Links to Charging Stations Maps on line for your country:</b>	
No figures but locations downloadable on smartphone or navigation systems.	<a href="http://www.lemnet.org/">http://www.lemnet.org/</a>
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	4.541 (1.1.2012)
- Number of 2 EV wheelers:	Two-wheelers up to 25 km/h top speed are not registered.
	Up from 50 km/h top speed, they are included in the former figures, but this should be a small contribution. There are no reliable data on two-wheelers in general
<b>Vehicles registered in 2011:</b>	2.307 (1.1.2011) according to registration authority KBA (Kraftfahrt-Bundesamt).

NB: DGES does not have a list of charging stations in Germany and the number changes daily.

## Greece

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	3
- Number of Fast Charging (AC/DC) in the whole country:	0
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	3 in Athens
- Number of Fast Charging (AC/DC):	
Links to Charging Stations Maps on line for your country:	N/A
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	55 EV / 1 PHEV
- Number of 2 EV wheelers:	Estimated 250
<b>Vehicles registered in 2011:</b>	
<b>4 wheelers EV / 4 wheelers PHEV</b>	4 / 1
<b>2 wheelers EV</b>	Estimated 50

## Italy

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	Public charging stations: <b>ca. 640 + ca. 710</b> in private areas but with public access. <b>Total: 1350</b> ((updated to 31 July 2012)
- Number of Fast Charging (AC/DC) in the whole country:	No. 3 (updated to 31 July 2012)
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	Florence 130; Rome 67; Milano 32 (updated to 31 July 2012)
- Number of Fast Charging (AC/DC):	No. 3
<b>Main Links to Charging Stations Maps on line for your country:</b>	Public charging stations of ENEL and Hera <a href="http://www.eneldrive.it/">http://www.eneldrive.it/</a>  For Milano and Brescia (project e-moving): <a href="http://www.e-moving.it/home/cms/emv/">http://www.e-moving.it/home/cms/emv/</a>  For Florence: <a href="http://www.silfi.it/site/index.php?id=252&amp;page=Mappa+colonnine+di+ricarica">http://www.silfi.it/site/index.php?id=252&amp;page=Mappa+colonnine+di+ricarica</a>  General link for Italy that is partially updated and

	<p>based on private information reported by persons <a href="http://www.colonnineelettriche.it">http://www.colonnineelettriche.it</a></p> <p>Please note also the following links showing the different charging points (both public and private) all over the world (see Note):          For Italy is: <a href="http://plugsurfing.it/">http://plugsurfing.it/</a>          For UK is: <a href="http://plugsurfing.co.uk/">http://plugsurfing.co.uk/</a>  <b>For all over the world:</b>  <a href="http://plugsurfing.co.uk/charging-station/page/1">http://plugsurfing.co.uk/charging-station/page/1</a></p> <p><b>Note:</b> Plugsurfing offers to owners of electric vehicles a site and an application, all free of charge. It not only allows to locate the public and commercial charging points, but also those of individuals, installed in homes and garages of Plugsurfers willing to share their charging point. In this way one can locate the closest members of the community, check if their point is available and also chat with them to arrange the use.</p>
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	<p><u>Vehicles sold in the last 12 years:</u></p> <ul style="list-style-type: none"> <li>- Passengers cars: 3376 EV (updated to end 2011); 28.523 HEV (updated to end 2011)</li> <li>- Utility vehicles (van, truck, etc): 8.550 EV (updated to end 2010)</li> <li>- Bus : 950 EV (updated to end 2010); 300 HEV (updated to end 2010)</li> <li>- Quadricycles : 5.300 EV (updated to end March 2012)</li> </ul>
- Number of 2 EV wheelers:	<p><u>Vehicles sold in the last 12 years:</u></p> <ul style="list-style-type: none"> <li>- 2-3 wheelers (scooters, motorbikes): 32.000 EV (updated to end 2010)</li> <li>- EPACS: 200.000 (updated to end 2011)</li> </ul>
<b>Vehicles registered in 2011:</b>	302 EV passenger cars : 5127 HEV passenger cars

## Netherlands

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	Public: 1907; semi-public: 1613
- Number of Fast Charging (AC/DC) in the whole country:	34
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	
- Number of Fast Charging (AC/DC):	
<b>Links to Charging Stations Maps on line for your country:</b>	
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	3926
- Number of 2 EV wheelers:	96
<b>Vehicles registered in 2011:</b>	1702

## Norway

<b>1. Charging Infrastructure:</b>	<b>Data at 12.07.2012</b>
- Number of Slow/Normal Public charging in the whole country:	957 charging stations with 3.275 charging points AC 230V / 16A all with reserved parking for EVs.
- Number of Fast Charging (AC/DC) in the whole country:	32 CHAdeMO DC 50 kW charging stations with 1 point at each. 5 AC 3phase 32A charging stations with all together 6 charging points 1 Teslacherger AC 48A. 1 Teslacherger AC 72A. All with reserved parking for EVs.
Same data for 1 or/and 2 major cities:	Data at 12.07.2012: Capital Oslo
- Number of Slow/Normal Public charging:	179 charging stations with 799 charging points AC 230V / 16A all with reserved parking for EVs.
- Number of Fast Charging (AC/DC):	3 CHAdeMO DC 50 kW charging stations with 1 point at each. 1 AC 3phase 32A charging station with 2 charging points. All with reserved parking for EVs.
<b>Links to Charging Stations Maps on line for your country:</b>	<a href="http://www.nobil.no/index.php?option=com_content&amp;view=article&amp;id=17&amp;Itemid=20">http://www.nobil.no/index.php?option=com_content&amp;view=article&amp;id=17&amp;Itemid=20</a> <a href="http://www.ladestasjoner.no">www.ladestasjoner.no</a> <a href="http://www.klimabiler.no">www.klimabiler.no</a> <a href="http://www.gronnbil.no">www.gronnbil.no</a>

	and a few more...
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	Data at 30.06.2012: 7.197 EVs and 23 PHEVs
- Number of 2 EV wheelers:	Data at 31.12.2011: 671 EV 2-wheelers
<b>Vehicles registered in 2011:</b>	<ul style="list-style-type: none"> <li>- EV 4-wheelers registered in 2011: 2.242</li> <li>- Zero PHEV</li> <li>- EV 2-wheelers: no exact number available for 2011: estimation. ca 250.</li> </ul>

## Portugal

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	459 (charging stations) 1415 (charging points)
- Number of Fast Charging (AC/DC) in the whole country:	8
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	620
- Number of Fast Charging (AC/DC):	4
<b>Links to Charging Stations Maps on line for your country:</b>	
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	288
- Number of 2 EV wheelers:	1109
<b>Vehicles registered in 2011:</b>	10746* in total not EV

## Slovenia

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	80 (most of them for 2 EVs)
- Number of Fast Charging (AC/DC) in the whole country:	3 (1 installed, 2 in next month)
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	29 in Ljubljana (most of them for 2 EVs), 9 in Maribor (most of them for 2 EVs)
- Number of Fast Charging (AC/DC):	0 in Ljubljana, 3 in Maribor
Links to Charging Stations Maps on line for your country:	<a href="http://www.polni.si">www.polni.si</a>
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	50/5
- Number of 2 EV wheelers:	App 2.000,00
<b>Vehicles registered in 2011:</b>	33 in 2011 and 22 in 2012

## Switzerland

<b>1. Charging Infrastructure:</b>	
- Number of Slow/Normal Public charging in the whole country:	307
- Number of Fast Charging (AC/DC) in the whole country:	9
Same data for 1 or/and 2 major cities:	
- Number of Slow/Normal Public charging:	n.a.
- Number of Fast Charging (AC/DC):	n.a
Links to Charging Stations Maps on line for your country:	<a href="http://www.e-mobile.ch/index.php?pid=fr,3,22">http://www.e-mobile.ch/index.php?pid=fr,3,22</a>
<b>2. EVs:</b>	
<b>Vehicles on the road:</b>	
- Number of 4 wheelers (EV/PHEV):	App. 1500 (data up-date available in October)
- Number of 2 EV wheelers:	App. 150'000
<b>Vehicles registered in 2011:</b>	489