

French grocery stores

(Very preliminary)

Etienne Chamayou*

CREST and Department of Economics, Ecole Polytechnique

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Abstract:

This note provides an overview of French grocery stores in 2014. All the analysis relies on data provided by LSA on hypermarkets, supermarkets, hard discount stores and "drive-through".

Keywords:

JEL Classification Numbers: XXX

*e-mail: *etienne.chamayou@ensae.fr*

1 Introduction

Data provided by LSA include 17,254 French grocery stores. LSA provide three columns regarding the activity of stores over time: an opening date, a closing date and a re-opening date. Stores can thus be considered closed when they have a closing date but no reopening date. According to LSA data, beginning 2014, there were 15,086 hypermarkets, supermarkets, hard discount and "drive-through" stores operating in France.

2 Overview of store population by type

2.1 Surface by type

Descriptive statistics on surface by type show that grocery stores with a surface between 400 and 2500 m^2 are categorized as supermarkets, while those with a surface exceeding 2500 m^2 are categorized as hypermarkets. The type "Magasins Populaires" is attributed to stores with a significant surface dedicated to non food products (most of them belong to the same retail chain as will be shown later).

Table 1: Surface in m^2 by type of store

	#Total	#Avail.	Min	Q05	Med	Avg	Q95	Max	Cum
Hypermarkets	1,969	1,969	2,500	2,511	4,100	5,431	12,354	24,000	10,694,169
Supermarkets	5,514	5,514	400	400	1,200	1,281	2,350	2,499	7,062,889
Hard discount	4,477	4,477	100	318	770	772	1,171	2,000	3,455,127
All	11,960	11,960	100	400	990	1,774	6,076	24,000	21,212,185

	#Total	#Avail.	Min	Q05	Med	Avg	Q95	Max	Cum
Drive in	2,046	247	10	54	1,500	1,395	2,500	3,900	344,576
Drive	435	435	100	555	1,800	1,801	3,000	7,500	783,614
All	2,481	682	10	252	1,600	1,654	2,897	7,500	1,128,190

2.2 Number of checkouts by type

Table 2: Number of checkouts by type of store

	#Total	#Avail.	Min	Q05	Med	Avg	Q95	Max	Cum
Hypermarkets	1,969	1,968	5	10	19	23	51	358	45,963
Supermarkets	5,514	5,514	1	3	6	7	12	25	37,090
Hard discount	4,477	4,476	1	2	4	4	8	42	19,495

2.3 Number of employees

Table 3: Number of employees by type of store

	#Total	#Avail.	Min	Q05	Med	Avg	Q95	Max	Cum
Hypermarkets	1,969	1,969	20	44	125	172	450	1,000	339,234
Supermarkets	5,514	5,514	1	6	25	28	60	200	155,055
Hard discount	4,477	4,477	2	5	9	10	20	151	44,267

2.4 Size of Parking by type

Table 4: Size of parking by type of store

	#Total	#Avail.	Min	Q05	Med	Avg	Q95	Max	Cum
Hypermarkets	1,969	1,906	40	180	500	765	2,196	7,660	1,458,006
Supermarkets	5,514	4,280	2	30	120	135	297	2,577	576,943
Hard discount	4,477	1,509	3	29	73	87	200	1,200	131,833

2.5 Number of gas pumps

Table 5: Number of gas pumps by type of store

	#Total	#Avail.	Min	Q05	Med	Avg	Q95	Max	Cum
Hypermarkets	1,969	1,786	1	4	7	8	14	26	13,956
Supermarkets	5,514	2,910	0	2	4	4	7	16	11,560
Hard discount	4,477	131	nan	2	4	4	6	nan	519

3 Stores and surface by group and chain

This section focuses on hypermarkets, supermarkets and hard discount stores (exclude?).

"Drive-through" are thus left aside.

3.1 Stores and surface by group

The following table shows the number of hypermarkets, supermarkets and hard discount stores operated by the main grocery store groups in France.

	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
CARREFOUR	2588	381	1387	820	0	1885	969	215	24000	4878697
CASINO	2185	175	947	687	376	1414	900	100	17112	3089516
MOUSQUETAIRES	2140	348	1464	328	0	1672	1582	100	6710	3578168
LIDL	1522	0	0	1522	0	824	830	250	1900	1253932
SYSTÈME U	1099	344	755	0	0	2138	2000	400	11750	2349901
ALDI	917	0	0	917	0	698	720	281	1300	640460
LECLERC	652	527	125	0	0	4627	4390	400	15600	3016627
AUCHAN	574	161	413	0	0	3521	1639	400	19700	2021138
LOUIS DELHAIZE	203	70	133	0	0	3976	1950	450	15500	807116
DIAPAR	116	0	116	0	0	533	400	400	1200	61823
COLRUYT	110	0	110	0	0	837	900	400	1700	92023
OTHER	487	7	194	282	4	793	680	134	8700	386273

3.2 Stores and surface by group and chain

Except for Aldi and Lidl, stores are subdivided in retail chains based on criteria such as the size or the location (city center, suburb, countryside etc.).

3.2.1 Carrefour

CARREFOUR	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
DIA %	819	0	0	819	0	720	782	215	1280	589710
CARREFOUR MARKET	809	115	694	0	0	1891	1800	654	5600	1530023
CARREFOUR CONTACT	405	0	405	0	0	681	670	400	1800	275872
CARREFOUR	228	228	0	0	0	9223	8820	2500	24000	2102841
CARREFOUR CITY	124	0	124	0	0	504	450	400	800	62472
MARKET	121	37	84	0	0	2204	2200	722	4500	266736
SHOPPI	34	0	34	0	0	573	500	400	870	19494
CARREFOUR EXPRESS	21	0	21	0	0	475	460	400	750	9981
CHAMPION	7	0	7	0	0	1272	1200	600	1860	8905
PROXI	7	0	7	0	0	482	450	400	821	3376
CARREFOUR MONTAGNE	4	0	4	0	0	500	500	450	550	2000
PROXI SUPER	4	0	4	0	0	520	550	430	550	2080
8 A HUIT	3	0	3	0	0	407	400	400	420	1220
ED	1	0	0	1	0	487	487	487	487	487
HYPER CHAMPION	1	1	0	0	0	3500	3500	3500	3500	3500

As of September 2014, Carrefour listed the following chains on its website: "Carrefour", "Carrefour market" (created in 2007 to replace "Champion"), "Carrefour contact" (created in 2008 for stores located in rural areas or in the periphery of cities), "Carrefour city" (created in 2009 for stores located in city centers, opening 6/7 days 7h-22h or 23h), "Carrefour montagne" (created in 2009 for small stores located in the mountains), "Carrefour express" (created in 2007 for small stores, difference with "city" and "contact" is not clear) and "Market" (created in 2012, includes virtually all ex-"Hyper champion").

3.2.2 Casino

CASINO	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
LEADER PRICE	676	0	1	675	0	891	900	100	2400	602195
FRANPRIX	448	0	448	0	0	608	500	400	2400	272411
CASINO	352	16	336	0	0	1511	1500	400	3000	531832
MONOPRIX	301	0	0	0	301	1792	1653	297	5154	539317
SPAR	123	0	123	0	0	562	550	400	1200	69135
GEANT CASINO	112	112	0	0	0	7433	7396	3000	17112	832482
MONOP'	75	0	0	0	75	356	300	210	1000	26728
HYPER CASINO	45	38	7	0	0	3136	2800	2160	5950	141138
CASINO SHOPPING	11	0	11	0	0	515	500	400	698	5662
JUMBO SCORE	9	9	0	0	0	5103	5700	2997	6000	45927
LEADER EXPRESS	9	0	0	9	0	406	400	260	513	3658
SCORE	9	0	9	0	0	1132	995	720	1800	10186
SPAR SUPERMARCHE	9	0	9	0	0	572	535	400	1000	5151
LEADER MARKET	3	0	0	3	0	701	705	670	729	2104
PETIT CASINO	3	0	3	0	0	530	540	450	600	1590

3.2.3 Les Mousquetaires

MOUSQUETAIRES	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
INTERMARCHE SUPER	1362	252	1110	0	0	1947	1950	499	4100	2651505
NETTO	328	0	0	328	0	746	704	100	1780	244709
INTERMARCHE CONTACT	312	0	312	0	0	804	800	400	1500	250860
INTERMARCHE HYPER	96	96	0	0	0	4119	4000	2800	6710	395413
INTERMARCHE EXPRESS	37	0	37	0	0	878	928	400	1340	32473
RELAIS DES MOUSQUETAIRES	3	0	3	0	0	533	500	400	700	1600
ECOMARCHE	2	0	2	0	0	804	804	620	988	1608

3.2.4 Système U

	SYSTÈME U	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
SUPER U	751	273	478	0	0	2311	2245	400	5200	1735315	
U EXPRESS	236	1	235	0	0	862	802	400	2854	203443	
HYPER U	70	70	0	0	0	5543	5250	3003	11750	388003	
UTILE	32	0	32	0	0	486	455	400	700	15556	
MARCHE U	10	0	10	0	0	758	765	450	1000	7584	

3.2.5 Leclerc

LECLERC	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
CENTRE E.LECLERC	581	526	55	0	0	5063	4709	826	15600	2941426
LECLERC EXPRESS	71	1	70	0	0	1059	995	400	3500	75201

3.2.6 Auchan

AUCHAN	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
SIMPLY MARKET	311	16	295	0	0	1568	1520	420	3624	487739
AUCHAN	137	137	0	0	0	10029	9840	2800	19700	1373913
ATAC	76	0	76	0	0	1341	1200	700	2450	101885
MAXIMARCHE	34	0	34	0	0	592	600	400	900	20114
A2PAS	7	0	7	0	0	481	474	403	585	3367
LES HALLES D'AUCHAN	7	7	0	0	0	4124	4000	2800	5650	28870
AUCHAN CITY	1	1	0	0	0	4000	4000	4000	4000	4000
EASY MARCHE	1	0	1	0	0	1250	1250	1250	1250	1250

3.2.7 Louis Delhaize

LOUIS DELHAIZE	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
SUPERMARCHÉ MATCH	144	11	133	0	0	1621	1621	450	2900	233353
CORA	59	59	0	0	0	9725	9385	2500	15500	573763

3.2.8 Diapar

DIAPAR	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
G 20	95	0	95	0	0	546	420	400	1200	51895
DIAGONAL	16	0	16	0	0	496	400	400	828	7928
SITIS	5	0	5	0	0	400	400	400	400	2000

3.2.9 Colruyt

COLRUYT	#Tot	#Hyp	#Sup	#Dis	#MP	Avg S.	Med S.	Min S.	Max S.	Cum S.
COLRUYT	69	0	69	0	0	1002	990	630	1700	69149
COCCINELLE SUPERMARCHÉ	15	0	15	0	0	560	500	400	900	8402
COCCINELLE EXPRESS	14	0	14	0	0	580	415	400	1200	8122
COCCIMARKET	8	0	8	0	0	510	515	400	650	4080
COCCINELLE	4	0	4	0	0	568	510	400	850	2270

4 Store locations

The following section offers a brief overview of groups' store locations across France.
 "Drive-through" is not included.

4.1 Stores by group and region

	CARR.	CASI.	MOUSQ.	LIDL	SYS.U	ALDI	LECL.	AUCH.	L.D.	DIAP.	COLR.	OTH.	TOT.
Ile-de-France	454	793	132	162	58	57	50	130	7	72	3	22	1940
Rhone-Alpes	292	227	201	118	84	46	38	32	1	0	4	35	1078
PACA	215	233	156	108	62	56	35	20	0	0	0	16	901
Nord-Pas-de-Calais	294	32	100	142	17	150	28	36	59	1	6	3	868
Bretagne	114	76	182	96	124	19	60	0	2	5	3	3	684
Aquitaine	120	102	170	93	49	30	58	25	0	0	2	30	679
Pays de la Loire	102	43	106	89	179	33	47	6	0	12	4	14	635
Midi-Pyrenees	112	101	162	79	44	50	34	12	0	1	0	11	606
Languedoc-Roussillon	111	95	137	89	53	33	12	11	1	6	0	4	552
Lorraine	53	31	73	99	27	89	28	21	62	1	17	48	549
Centre	107	49	112	56	61	39	31	42	2	8	8	13	528
Picardie	110	31	85	48	11	53	24	24	12	2	3	23	426
Bourgogne	51	49	80	37	15	46	22	82	2	0	13	16	413
Haute-Normandie	99	25	57	42	34	28	19	13	1	0	2	48	368
Alsace	14	11	25	55	49	32	42	35	33	0	1	63	360
Poitou-Charentes	34	44	89	44	75	11	30	9	0	1	1	9	347
Basse-Normandie	96	17	49	45	39	22	20	6	1	4	6	23	328
Champagne-Ardenne	57	38	64	36	6	50	22	10	9	1	4	7	304
Franche-Comte	34	31	49	35	36	34	9	20	6	0	30	13	297
Auvergne	63	35	65	32	12	25	10	25	2	0	3	12	284
Limousin	28	37	46	17	24	14	7	6	1	2	0	6	188
Corse	10	33	0	0	8	0	10	1	0	0	0	0	62
DOMTOM	18	52	0	0	32	0	16	8	2	0	0	68	196
TOTAL	2588	2185	2140	1522	1099	917	652	574	203	116	110	487	12593

4.2 Maps of groups' store locations

Supermarkets are represented with green dots and hypermarkets with red dots.

Figure 1: CARREFOUR

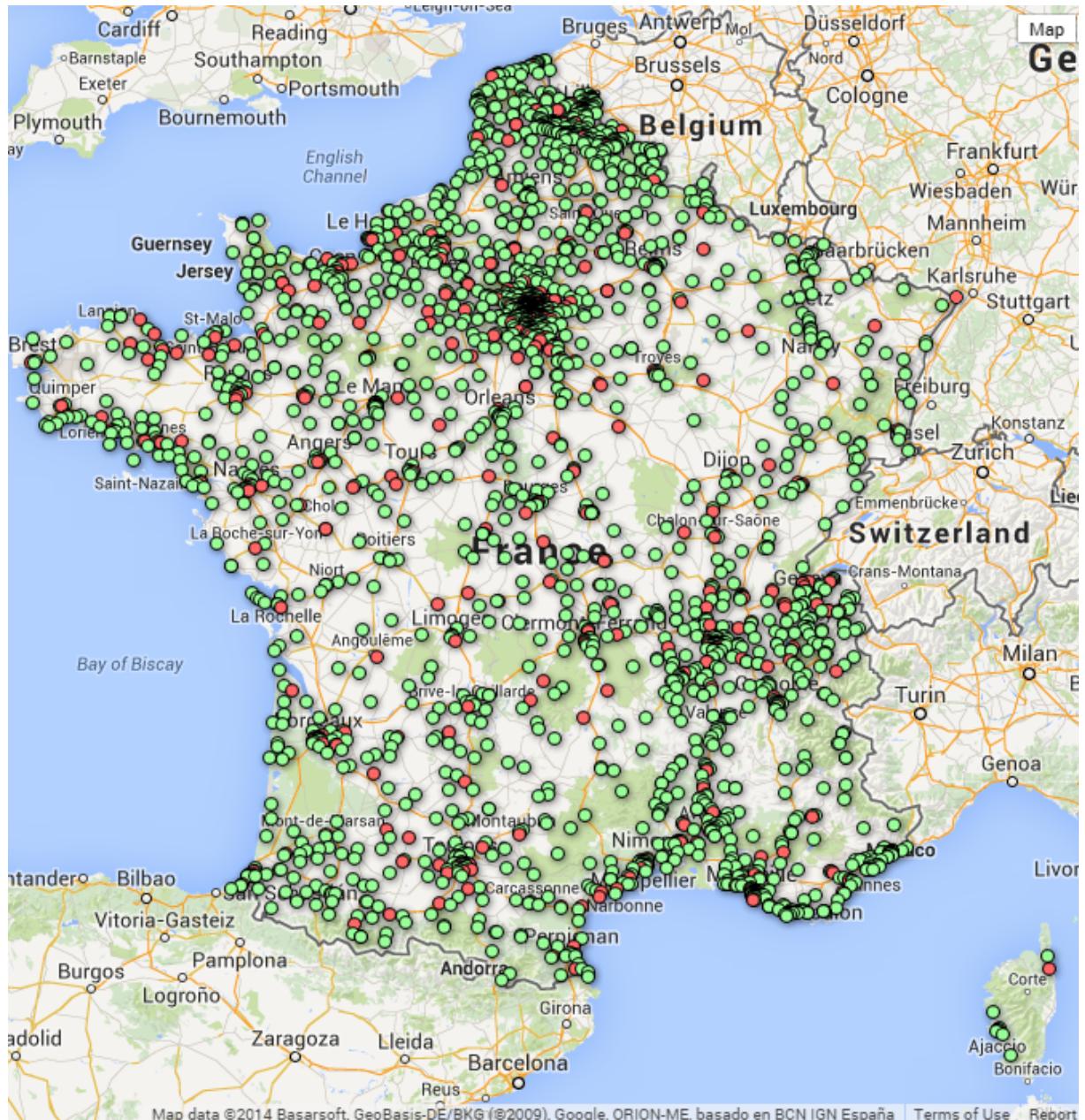


Figure 2: CASINO

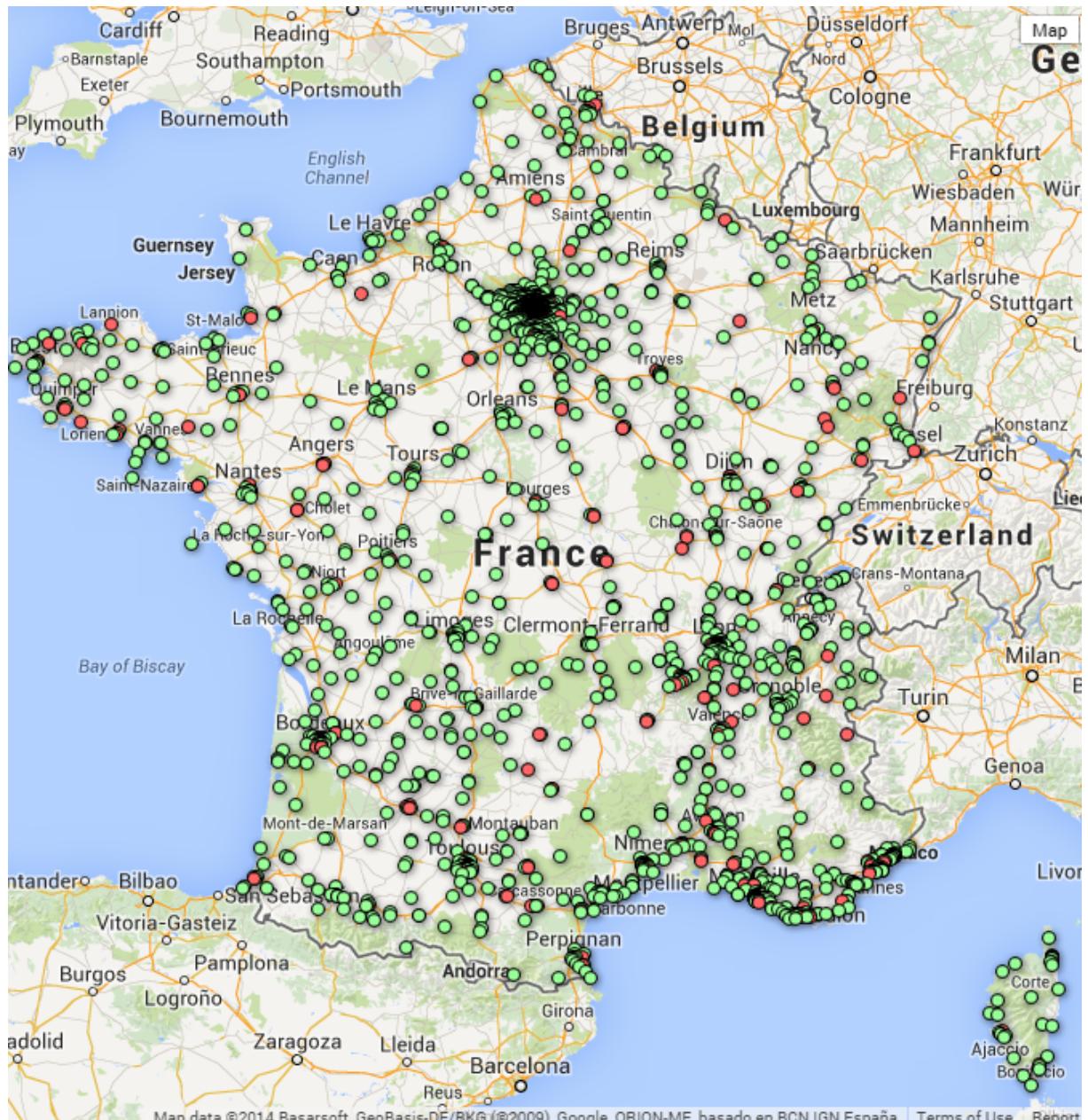


Figure 3: MOUSQUETAIRES



Figure 4: LIDL

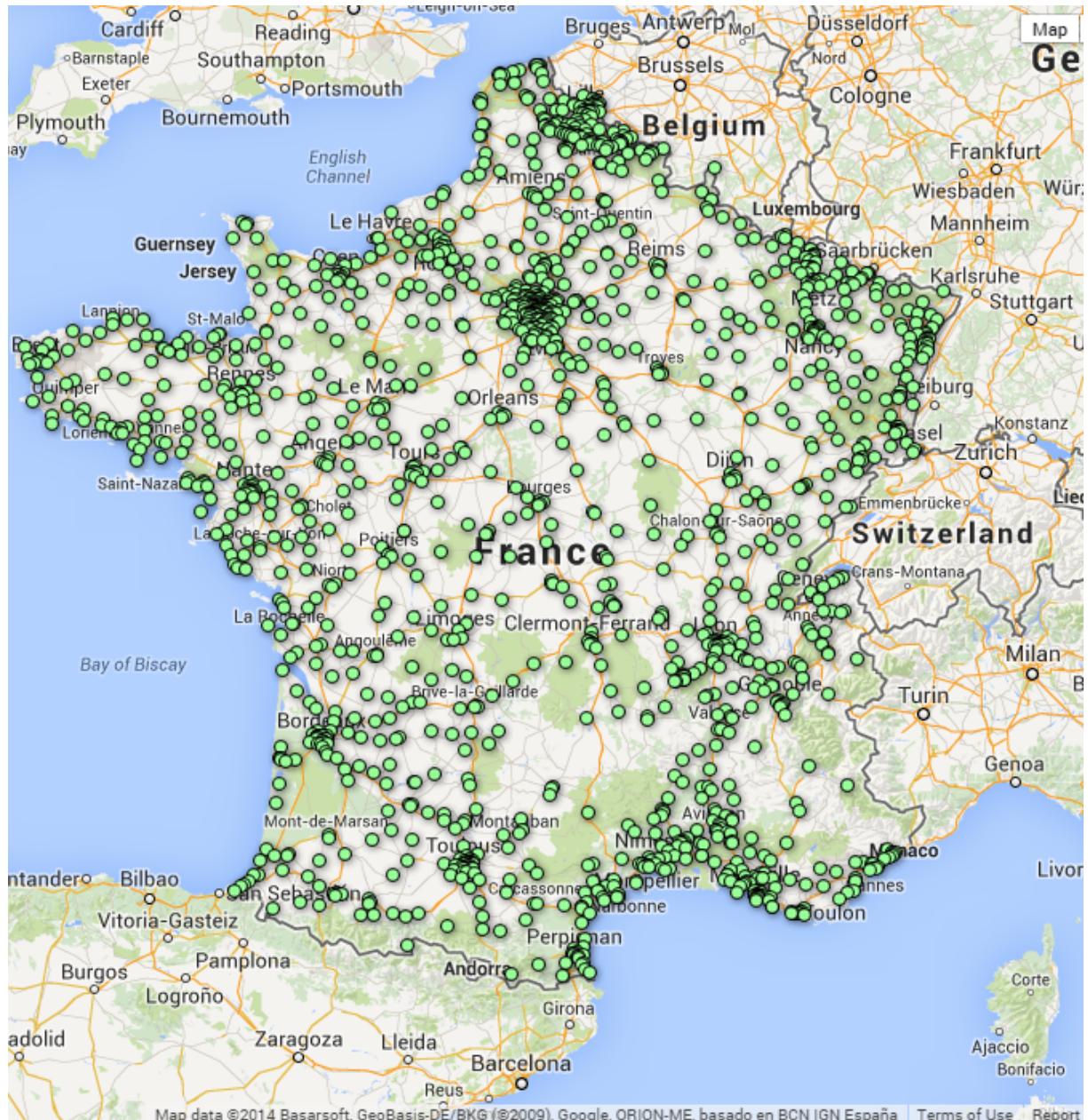


Figure 5: SYSTEME U

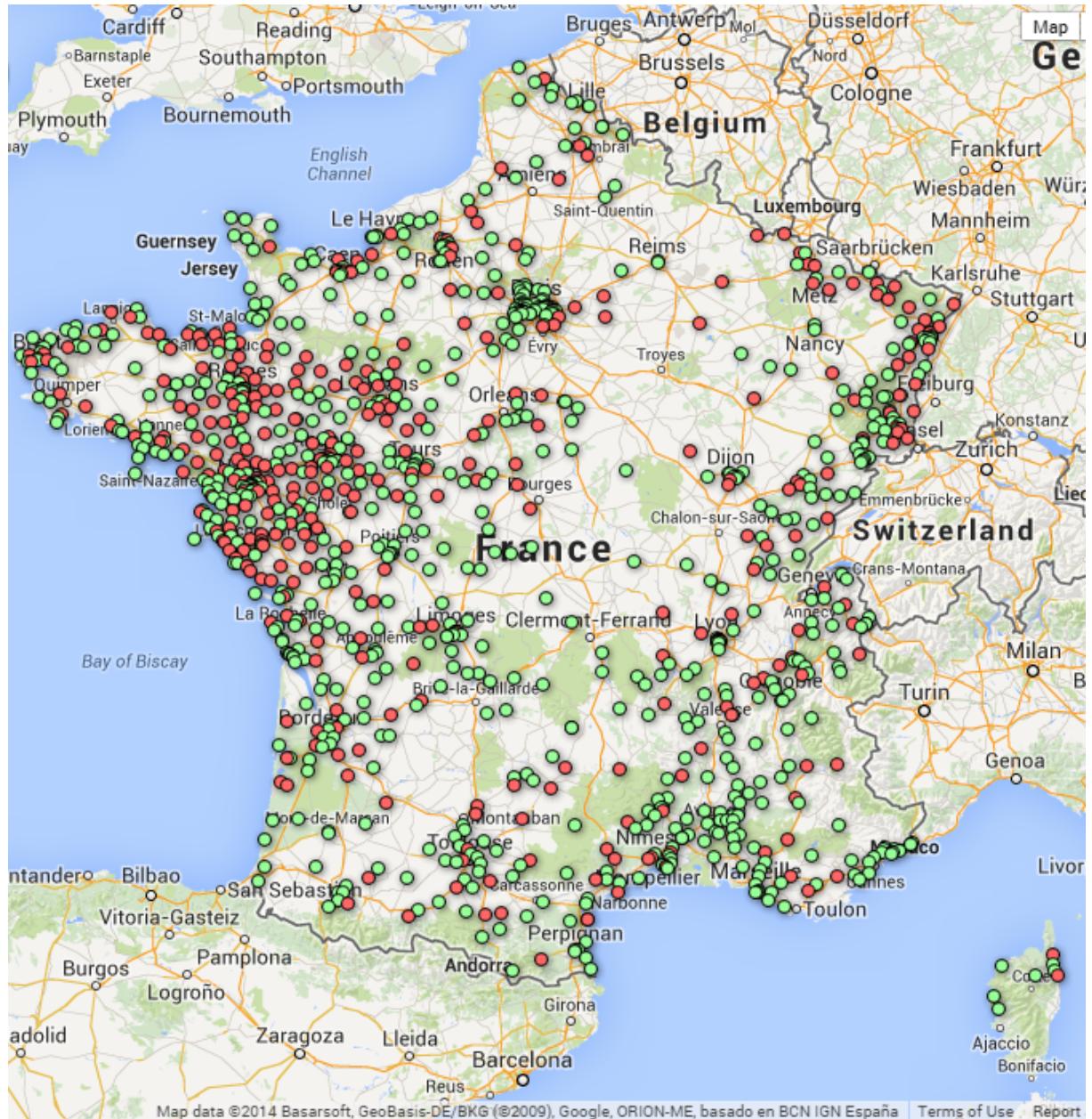


Figure 6: ALDI

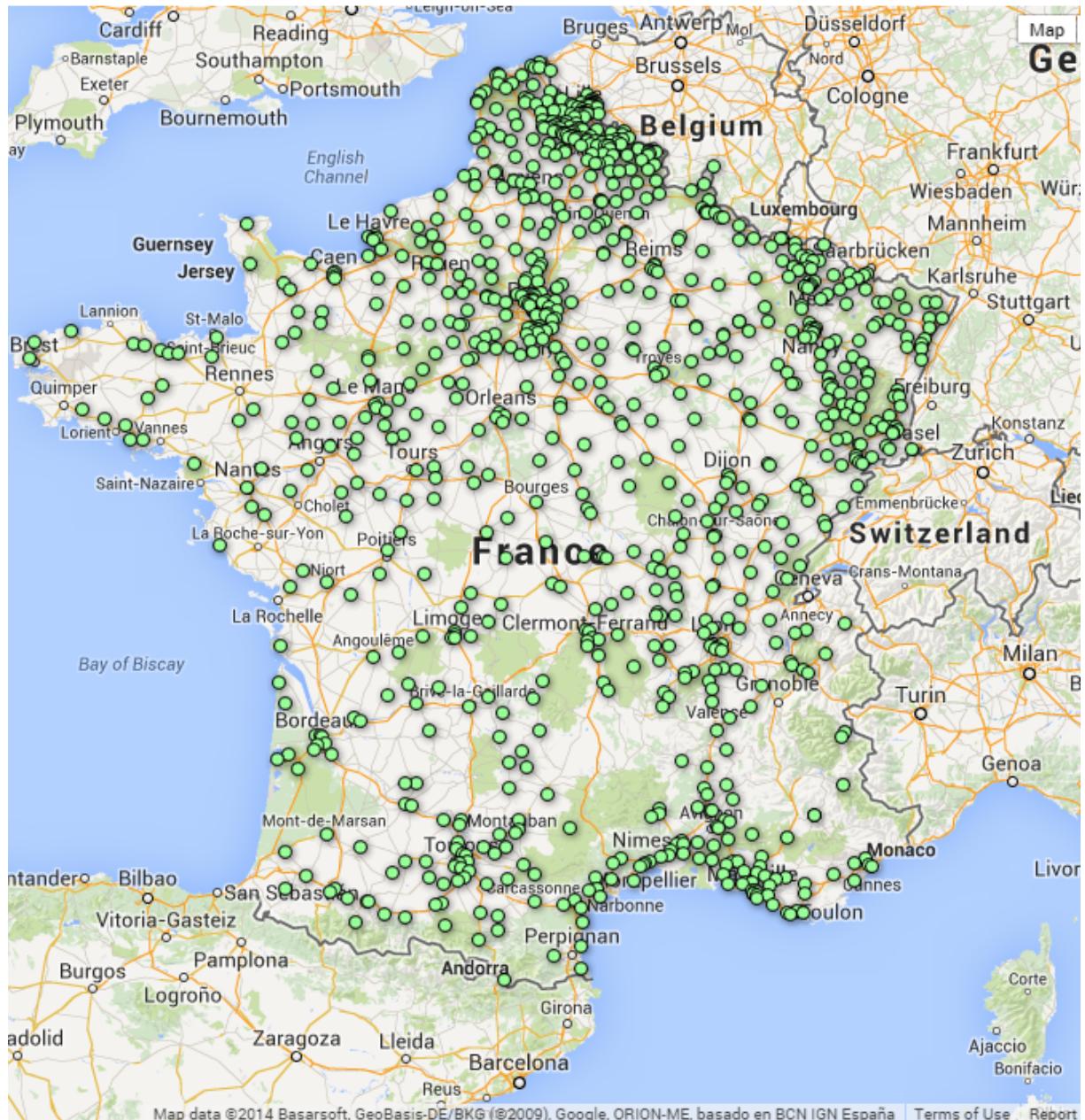


Figure 7: LECLERC

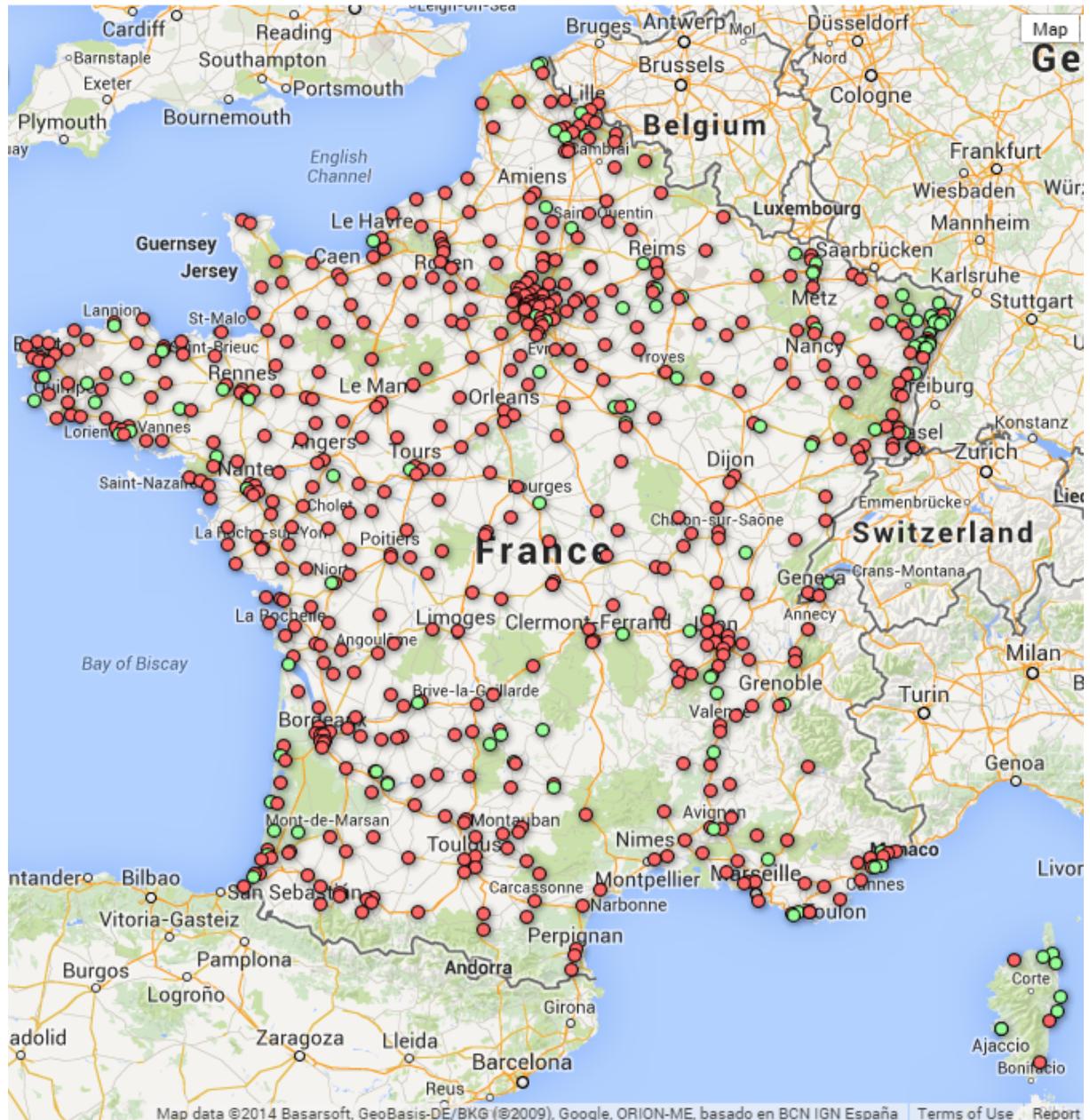


Figure 8: AUCHAN

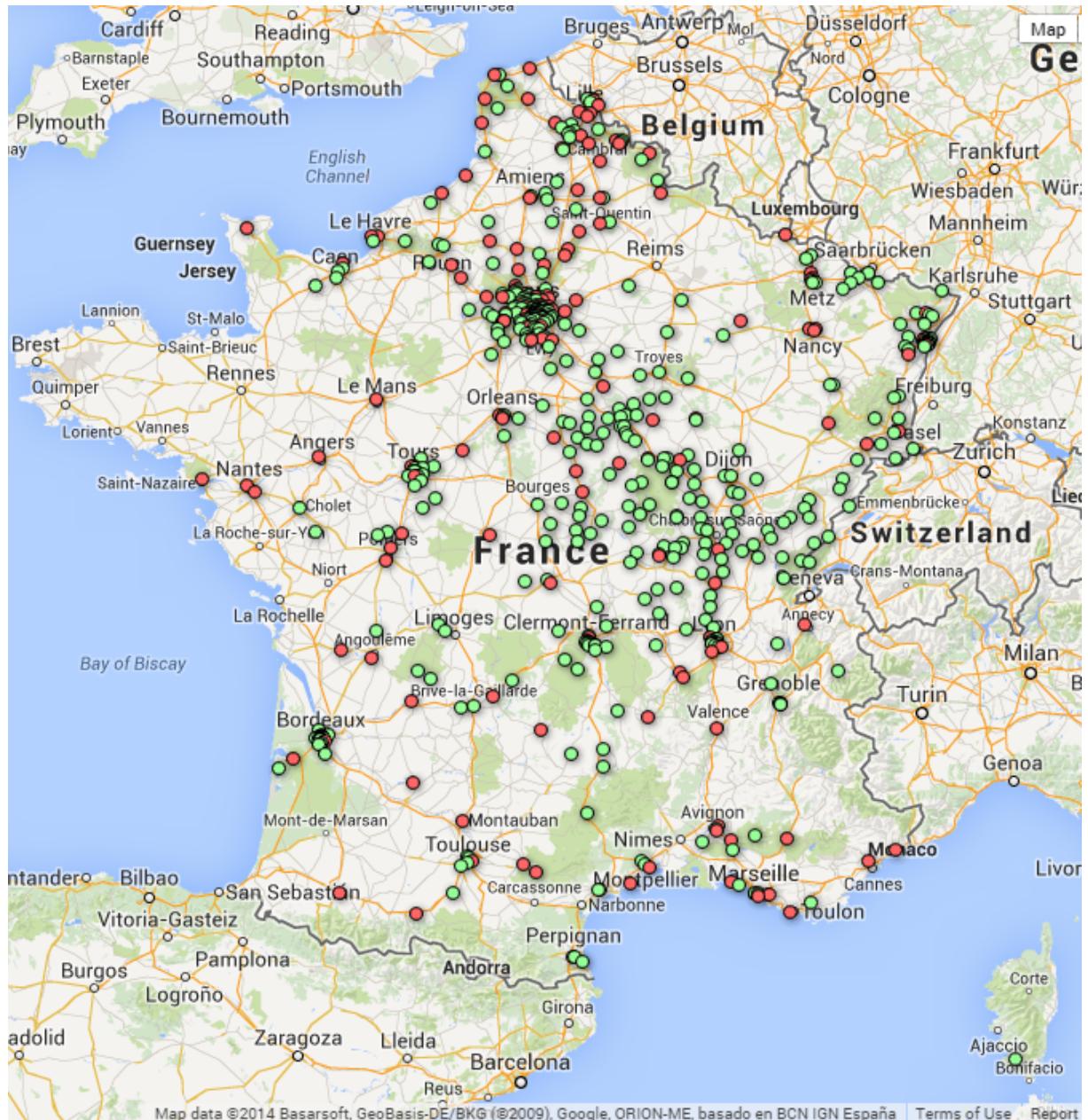


Figure 9: LOUIS DELHAIZE

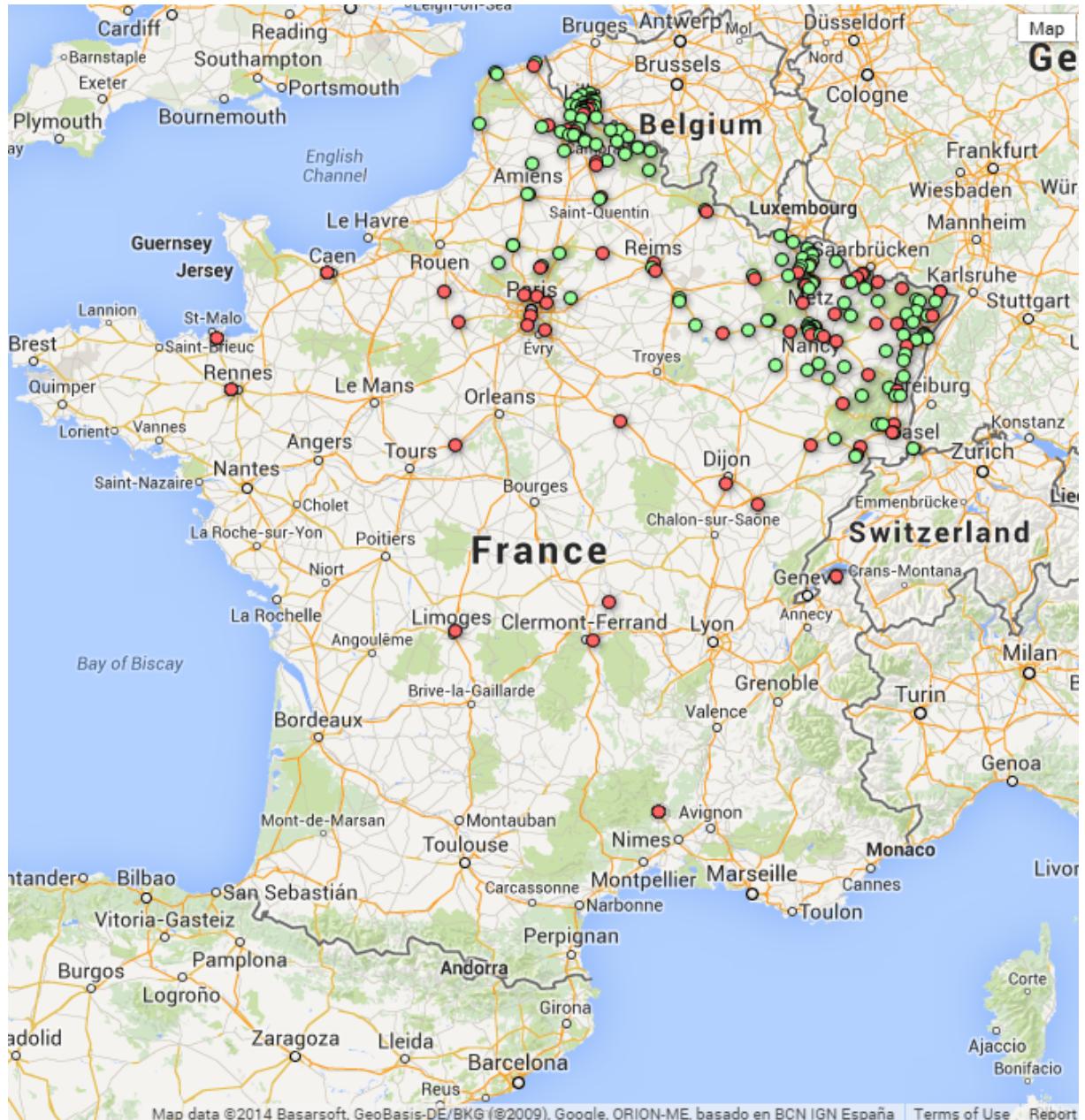


Figure 10: DIAPAR



Figure 11: COLRUYT



Figure 12: OTHER

