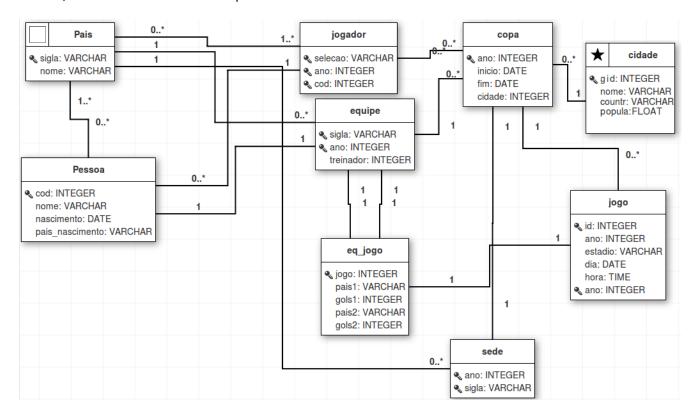
Trabalho 2 de Bancos de Dados Avançados

Ingrid Santana Lopes – 14/0083065

Modelo OMT-G usando OMT-G Designer

Country e population foram apenas acrescentados a tabela cidade pois já estavam presentes no ShapeFile usado para inserir os dados. Por não pertencerem ao original modelo da Copa do Mundo, eles não foram usados nas queries.

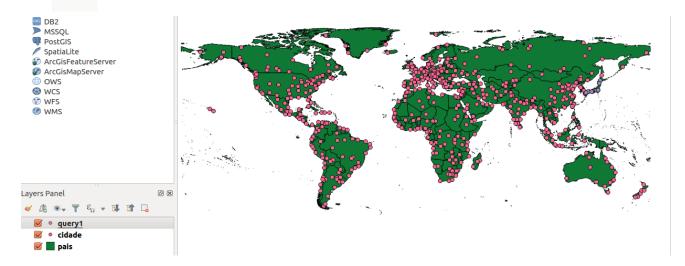


Queries realizadas:

1) Mostrar o nome de todas as cidades pertencentes ao Japão e mostrar no mapa quais são elas.

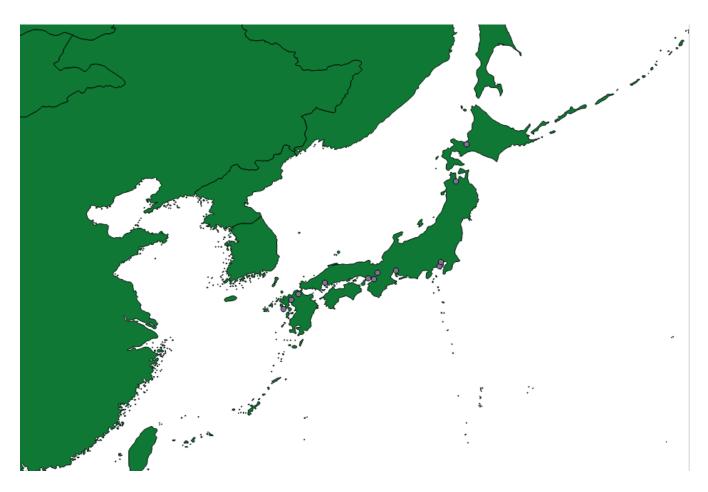
```
CREATE VIEW query1 AS
SELECT c.gid, c.nome, c.geom
FROM cidade as c, pais as p
where st_contains (p.geom,c.geom) and p.nome = 'Japan';
```

	gid integer	nome character varying(40)	geom geometry(Point,4326)
1	73	Sapporo	0101000020E6100000000000200EAB61400000008012874540
2	127	Kawasaki	0101000020E61000000000006045776140000000C095C04140
3	129	Yokohama	0101000020E610000000000040D473614000000040FCB74140
4	132	Nagoya	0101000020E610000000000080751D614000000080D4934140
5	134	Kyoto	0101000020E61000000000008027F86040000000202B814140
6	138	0saka	0101000020E6100000000000A09CF060400000000059514140
7	140	Hiroshima	0101000020E6100000000000A03B8E6040000000C053304140
8	282	Kobe	0101000020E6100000000000A0D1E56040000000C0F8544140
9	289	Fukuoka	0101000020E610000000000060264A604000000000ABA74040
10	290	Kita Kyushu	0101000020E6100000000000C0845960400000006047D74040
11	399	Aomori	0101000020E6100000000000A0709561400000000000604440
12	589	Tokyo	0101000020E6100000000000607577614000000070FED74140
13	602	Nagasaki	0101000020E610000000000060703B604000000060745F4040



Os pontos em rosa são todas as cidades e em cinza, as cidades resultantes da primeira query enquanto o mapa em verde escuro é o mapa representando todos os polígonos de países





2) Mostrar a lista de países que fazem fronteira com a Alemanha, mostrando seus nomes numa lista e a forma no mapa.

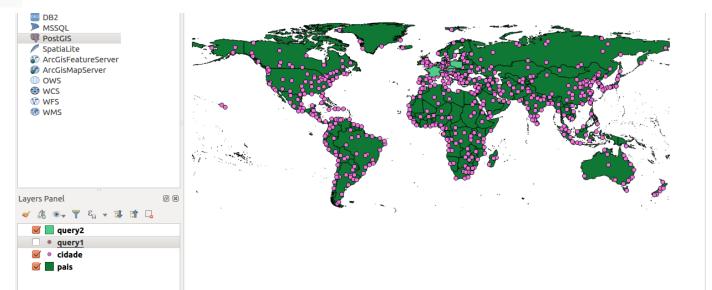
```
CREATE VIEW query2 AS

SELECT pl.nome, pl.sigla, pl.geom

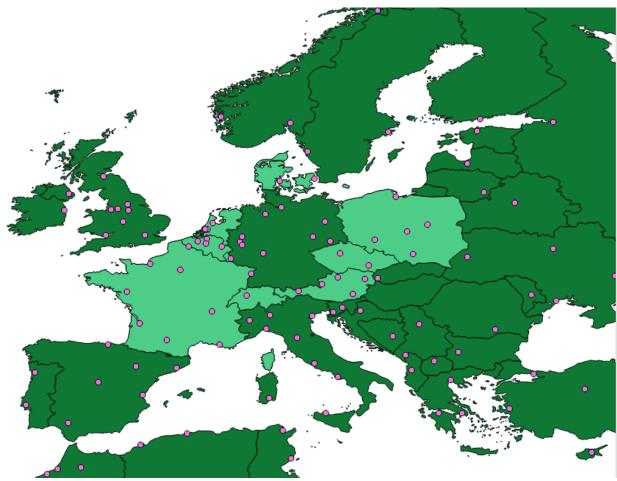
from pais as pl, pais as p2

where st_touches (pl.geom, p2.geom) and p2.nome = 'Germany' and p1.nome <> 'Germany';
```

	nome character varying(50)	sigla character(3)	geom geometry(MultiPolygon,4326)
1	Belgium	BLG	$\tt 0106000020E6100000010000000103000000010000000AE000000F7065F984C1504405C1C959BA88F4940E8D9ACFA5C2D054099D9E731CA9549404D840D840D840D840D840D840D840D840D840D$
2	Luxembourg	LUX	0106000020E6100000010000000103000000100000020000000BADA8AFD65771740ED2B0FD253C648401E166A4DF3AE1740BDC5C37B0ED24840BE3099
3	Czech	CZE	$\tt 0106000020E610000001000000010300000001000000000100000431CEBE2364A284035EB8CEF8B254940933A014D847D2840D9B0A6B2282249404772F9$
4	Austria	AUT	0106000020E610000001000000010300000010000000D0100001361C3D32BF522407B832F4CA6C24740ADFA5C6DC50E2340923EADA23FC24740C442AD
5	France	FRA	$\tt 0106000020E61000007D010000010300000010000001503000067D5E76A2BF6F53F75931804564E4540A9A44E401361F53F7364E597C152454024B9FC152454404A9FC152454404A9FC15245444A9FC15245444A9FC15245444A9FC15245444A9FC15245444A9FC1524544A9FC1524444A9FC1524444A9FC1524444A9FC1524444A9FC1524444A9FC1544444A9FC1544444A9FC1544444A9FC1544444A9FC1544444A9FC1544444A9FC1544444A9FC1544444A9FC15444444A9FC1544444A9FC1544444A9FC154444444A9FC1544444A9FC1544444A9FC15444444A9FC15444444A9FFC15444444444$
6	Poland	POL	0106000020E610000002000000010300000010000000E020000174850FC18832C403A747ADE8DE34A40F5B9DA8AFD852C40B30C71AC8BE34A40DFE00B
7	Netherlands	NED	$\tt 0106000020E61000000E0000000103000000010000001901000014AE47E17A540E40C51C041DADB4494017B7D100DEC20D401A4D2EC6C0B44940917EFB$
8	Denmark	DEN	$\tt 0106000020E6100000140000000103000000010000003F010000F0164850FC082040BEC1172653454C406F8104C58F2120406E52D158FB554C4052B81E100000000000000000000000000000000000$
9	Switzerland	SWT	0106000020E6100000010000000103000000010000000B2000000068195438B3C2340DC68006F8184474036AB3E575B6123408B6CE7FBA9814740DE718AB3E575B612340B66B67B67B67B67B67B67B67B67B67B67B67B67B







3) Mostrar no mapa e em listagem todas as cidades que ficam num raio de 2000 km de Vancouver

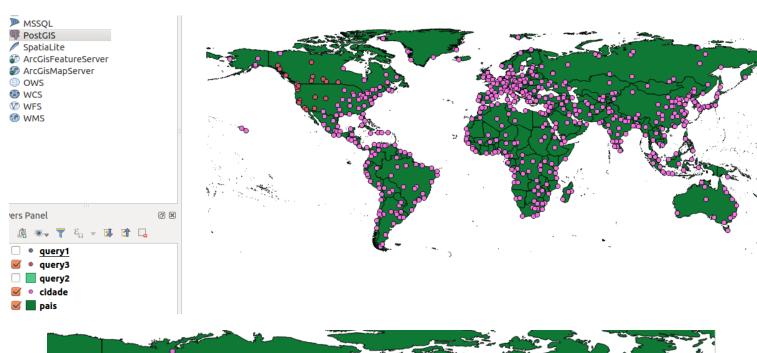
```
CREATE VIEW query3 AS

SELECT c2.nome, c2.gid, c2.geom

from cidade as c1, cidade as c2

where st_dwithin(c1.geom, c2.geom, 2000000, true) and c1.nome = 'Vancouver' and c1.nome <> c2.nome
```

	nome character varying(40)	gid integer	geom geometry(Point,4326)
1	Calgary	26	0101000020E61000000000004033835CC00000000D7834940
2	Winnipeg	36	0101000020E6100000000000E0F64758C0000000E0E8F54840
3	Salt Lake City	87	0101000020E61000000000006019F95BC000000060D2584440
4	Sacramento	108	0101000020E6100000000000A00D5B5EC0000000094484340
5	Phoenix	147	0101000020E6100000000000800E075CC0000000A027C14040
6	San Francisco	286	0101000020E6100000000000A0C3935EC0000000201FDD4240
7	Saskatoon	312	0101000020E6100000000000E051A85AC000000080140E4A40
8	Regina	313	0101000020E61000000000000A099295AC0000000E07A344940
9	Victoria	353	0101000020E6100000000000406CE45EC0000000E0C8534840
10	Portland	360	0101000020E61000000000004011A95EC0000000C097B84640
11	Whitehorse	377	0101000020E610000000000E051E060C00000004033534E40
12	Olympia	434	0101000020E6100000000000E051B85EC000000080C2754740
13	Prince Rupert	442	0101000020E6100000000000E0894160C0000000C0CB354B40
14	Denver	486	0101000020E6100000000000E07A445AC0000000000E04340
15	Edmonton	488	0101000020E6100000000000A047515CC0000000C0F5C84A40
16	Los Angeles	514	0101000020E6100000000000000905DC00000000000004140
17	Seattle	565	0101000020E61000000000000044945EC0000000C055CB4740
18	San Diego	566	0101000020E61000000000002008485DC00000008077614040
19	Yellowknife	573	0101000020E610000000000060ED835CC000000080A3424F40
20	Juneau	578	0101000020E6100000000000403DC460C0000000800C324D40
21	San Jose	579	0101000020E6100000000000C03C765EC0000000070A74240





4) Mostrar o nome e a sigla de Myanmar e Grécia em lista, calcular sua área e contar quantas cidades do banco de dados estão dentro de suas regiões territoriais mostrando os dois países no mapa.

```
CREATE VIEW query4 AS

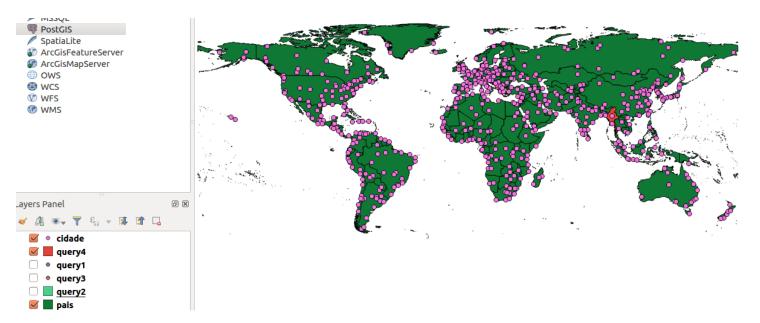
SELECT p1.nome as pais, p1.sigla, st_area(p1.geom), count(c1.nome),p1.geom

from pais as p1, cidade as c1

where st_contains (p1.geom,c1.geom) and (p1.nome = 'Myanmar' or p1.nome = 'Greece')

group by (p1.sigla);
```

	pais character varying(50)	sigla character(3)	st_area double precision		geom geometry(MultiPolygon,4326)
1	Myanmar	MYA	57.0652635974251	2	0106000020E6100000390000001030000001000000680400007E1D386744095740C5CBD3B9A2083540BE30992A18095740I
2	Greece	GRE	14.090557143025	3	0106000020E610000052000000010300000001000000A9010000E9B7AF03E71C3440B9895A9A5BDB43406F1283C0CA293440I





5) Mostrar em lista e no mapa as cidades que pertencem aos países que já sediaram copas do mundo indicando a quais países pertencem.

```
CREATE VIEW query5 AS

SELECT c.ano, p.nome as pais, ci.nome as cidade, ci.gid, ci.geom

from pais p, copa c, sede s, cidade ci

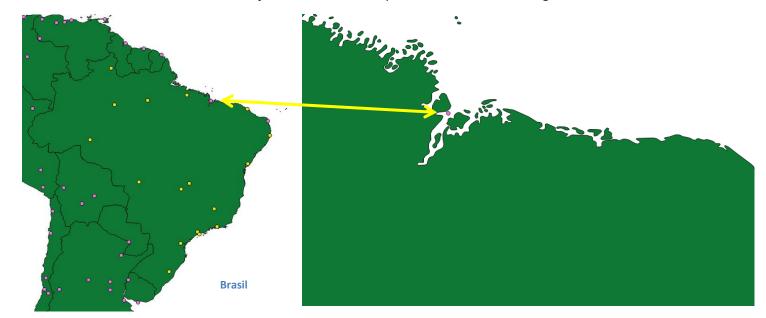
where p.sigla = s.sigla and c.ano = s.ano and st_contains (p.geom,ci.geom)

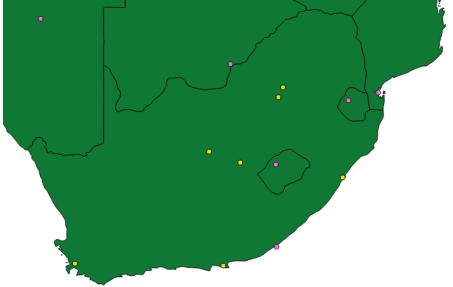
order by c.ano asc;
```

	ano integer	pais character varying(50)	cidade character varying(40)	gid integer	geom geometry(Point,4326)
1	2006	Germany	Hamburg	8	0101000020E610000000000060220E2440000000801AC94A40
2	2006	Germany	Strasbourg	42	0101000020E6100000000000206D121F4000000000AE4A4840
3	2006	Germany	Frankfurt am Main	33	0101000020E610000000000001A562140000000C0A3104940
4	2006	Germany	Bonn	29	0101000020E6100000000000E036661C4000000000065E4940
5	2006	Germany	Koln	27	0101000020E610000000000004FBD1B40000000C09E784940
6	2006	Germany	Dresden	25	0101000020E6100000000000A024692B40000000E0D8854940
7	2006	Germany	Leipzig	21	0101000020E610000000000060D0CB2840000000E0B6AC4940
8	2006	Germany	Essen	20	0101000020E6100000000000A05F7D1C400000004051AD4940
9	2006	Germany	Berlin	13	0101000020E61000000000000A0B7A72A400000004015424A40
10	2006	Germany	Bremen	12	0101000020E6100000000000C01AB72140000000E0408A4A40
11	2010	South Africa	Johannesburg	263	0101000020E6100000000000601A013C4000000020D02D3AC0
12	2010	South Africa	Cape Town	478	0101000020E610000000000020C0B03240000000C0E9E640C0
13	2010	South Africa	Bloemfontein	366	0101000020E6100000000000608F423A400000006066263DC0
14	2010	South Africa	Kimberley	327	0101000020E6100000000000E07AD43840000000C0F5A83CC0
15	2010	South Africa	Port Elizabeth	272	0101000020E61000000000000FB7B394000000080D7F040C0
16	2010	South Africa	Durban	265	0101000020E61000000000004033F13E40000000801CD63DC0
17	2010	South Africa	Pretoria	261	0101000020E610000000000040E7373C400000008039BB39C0
18	2014	Brazil	Salvador	549	0101000020E6100000000000A0703D43C0000000E0543329C0
19	2014	Brazil	Fortaleza	242	0101000020E610000000000020614B43C0000000403E440EC0
20	2014	Brazil	Recife	247	0101000020E6100000000000E0127541C0000000209B2B20C0
21	2014	Brazil	Brasilia	249	0101000020E610000000000060E9F247C0000000608F952FC0
22	2014	Brazil	Goiania	252	0101000020E61000000000000A09DA048C00000000009BA30C0
23	2014	Brazil	Belo Horizonte	255	0101000020E6100000000000605CF445C0000000600ADA33C0
24	2014	Brazil	Rio de Janeiro	256	0101000020E61000000000004043BA45C000000000B9B836C0
			cidade	- 1 - 1	
	ano integer	pais character varying(50)		gid integer	geom geometry(Point,4326)
22	integer			integer	
22 23	integer 2014	character varying(50)	character varying(40)	integer 252	geometry(Point,4326)
	2014 2014	character varying(50) Brazil	character varying (40) Goiania	252 255	geometry(Point,4326) 0101000020E61000000000000A09DA048C0000000009BA30C0
23	2014 2014 2014 2014	character varying(50) Brazil Brazil	character varying(40) Goiania Belo Horizonte	252 255 256	geometry(Point,4326) 0101000020E6100000000000000000409DA048C00000000009BA30C0 0101000020E61000000000000605CF445C0000000600ADA33C0
23 24	2014 2014 2014 2014 2014	character varying(50) Brazil Brazil Brazil Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro	252 255 256 257	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25	2014 2014 2014 2014 2014 2014	character varying(50) Brazil Brazil Brazil Brazil Brazil Brazil Brazil Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba	252 255 256 257 258	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil Brazil Brazil Brazil Brazil Brazil Brazil Brazil Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre	252 255 256 257 258 260	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem	252 255 256 257 258 260 266 299	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho	252 255 256 257 258 260 266 299 319	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba	252 255 256 257 258 260 266 299 319 321	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho	252 255 256 257 258 260 266 299 319 321 361	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem	252 255 256 257 258 260 266 299 319 321 361 362	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista	252 255 256 257 258 260 266 299 319 321 361 362 402	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk	252 255 256 257 258 260 266 299 319 321 361 362 402 341	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil Russia Russia	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga Druzba	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339 333	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga Druzba Rostov-na-Donu	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339 333 46	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga Druzba Rostov-na-Donu Volgograd	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339 333 46 41	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga Druzba Rostov-na-Donu Volgograd Omsk	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339 333 46 41	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	2014 2014 2014 2014 2014 2014 2014 2014	character varying(50) Brazil	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga Druzba Rostov-na-Donu Volgograd Omsk Saint Petersburg	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339 333 46 41 2	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42	1014 2014 2014 2014 2014 2014 2014 2014 2014 2018	character varying(50) Brazil B	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga Druzba Rostov-na-Donu Volgograd Omsk Saint Petersburg Chita	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339 333 46 41 2	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	Integer 2014 2014 2014 2014 2014 2014 2014 2014 2018	character varying(50) Brazil B	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga Druzba Rostov-na-Donu Volgograd Omsk Saint Petersburg Chita Salekhard	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339 333 46 41 2	geometry(Point,4326) 0101000020E61000000000000000000000000000
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42	Integer 2014 2014 2014 2014 2014 2014 2014 2014 2018	character varying(50) Brazil B	character varying(40) Goiania Belo Horizonte Rio de Janeiro Sao Paulo Santos Curitiba Porto Alegre Belem Porto Velho Cuiaba Manaus Santarem Boa Vista Verkhoyvensk Chatanga Druzba Rostov-na-Donu Volgograd Omsk Saint Petersburg Chita	252 255 256 257 258 260 266 299 319 321 361 362 402 341 339 333 46 41 2 1 340 445	geometry(Point,4326) 0101000020E61000000000000000000000000000

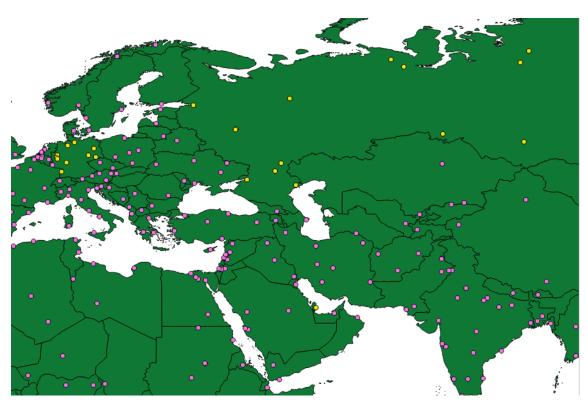
10 Nussia 118 Russia 118 Russia	Chatanga Druzba Rostov-na-Donu Volgograd Omsk Saint Petersburg Chita Salekhard Tiksi Vorkuta Khabarovsk Moskva Astrakhan	339 333 46 41 2 1 340 445 455 459	0101000020E61000000000000000000000000000
118 Russia	Druzba Rostov-na-Donu Volgograd Omsk Saint Petersburg Chita Salekhard Tiksi Vorkuta Khabarovsk Moskva	333 46 41 2 1 340 445 455 459	0101000020E61000000000000000E0424000000E0A3F04B40 0101000020E6100000000000A011D8434000000060B59D4740 0101000020E6100000000000A0E73D46400000060E95A4840 0101000020E610000000000000004505240000000601A884B40 0101000020E61000000000000400D743E4000000080D7F94D40 0101000020E61000000000000C01E655C4000000060666064A40 0101000020E610000000000000186040000000E07AA45040 0101000020E61000000000000186040000000C0CCEC5140 0101000020E61000000000000018550400000004033F35040 0101000020E61000000000000000000000000000
118 Russia	Volgograd Omsk Saint Petersburg Chita Salekhard Tiksi Vorkuta Khabarovsk Moskva	41 2 1 340 445 455 459 502	0101000020E6100000000000000A0E73D464000000060E95A4840 0101000020E6100000000000000004505240000000601A884B40 0101000020E61000000000000000000000000000
118 Russia 118 Russia 118 Russia 118 Russia 118 Russia 118 Russia 118 Russia 118 Russia 118 Russia	Omsk Saint Petersburg Chita Salekhard Tiksi Vorkuta Khabarovsk Moskva	2 1 340 445 455 459 502	0101000020E610000000000000000505240000000601A884B40 0101000020E61000000000000400D743E4000000080D7F94D40 0101000020E61000000000000001E655C4000000060666064A40 0101000020E610000000000000001EA55040000000E07AA45040 0101000020E6100000000000000186040000000CCCEC5140 0101000020E61000000000000001E1550400000004033F35040 0101000020E61000000000000803DE260400000000D7434840
118 Russia 118 Russia 118 Russia 118 Russia 118 Russia 118 Russia 118 Russia 118 Russia	Saint Petersburg Chita Salekhard Tiksi Vorkuta Khabarovsk Moskva	1 340 445 455 459 502	0101000020E610000000000000400D743E4000000080D7F94D40 0101000020E6100000000000C01E655C4000000060666664A40 0101000020E6100000000000C01EA55040000000E07AA45040 0101000020E6100000000000000186040000000CCCEC5140 0101000020E6100000000000C01E1550400000004033F35040 0101000020E6100000000000803DE260400000000D7434840
18 Russia 18 Russia 18 Russia 18 Russia 18 Russia 18 Russia 18 Russia	Chita Salekhard Tiksi Vorkuta Khabarovsk Moskva	340 445 455 459 502	0101000020E6100000000000C01E655C400000006066064A40 0101000020E6100000000000C01EA55040000000E07AA45040 0101000020E610000000000000018604000000C0CCEC5140 0101000020E6100000000000C01E1550400000004033F35040 0101000020E6100000000000803DE260400000000D7434840
118 Russia 118 Russia 118 Russia 118 Russia 118 Russia 118 Russia	Chita Salekhard Tiksi Vorkuta Khabarovsk Moskva	445 455 459 502	0101000020E6100000000000C01EA55040000000E07AA45040 0101000020E610000000000000018604000000C0CCEC5140 0101000020E610000000000C01E1550400000004033F35040 0101000020E610000000000803DE260400000000D7434840
118 Russia 118 Russia 118 Russia 118 Russia 118 Russia	Tiksi Vorkuta Khabarovsk Moskva	455 459 502	0101000020E6100000000000000186040000000C0CCEC5140 0101000020E6100000000000C01E1550400000004033F35040 0101000020E610000000000803DE260400000000D7434840
118 Russia 118 Russia 118 Russia 118 Russia	Vorkuta Khabarovsk Moskva	459 502	0101000020E6100000000000C01E1550400000004033F35040 0101000020E610000000000803DE260400000000D7434840
118 Russia 118 Russia 118 Russia	Khabarovsk Moskva	502	0101000020E6100000000000803DE260400000000D7434840
18 Russia 18 Russia	Moskva		
18 Russia	11001110	526	0101000020561000000000000000000000000000
	Astrakhan		10101000020E010000000000000000000000000
18 Russia	IND CI UNITUII	570	0101000020E6100000000000000004840000000000204740
	Petropavloski-Kamchatskiy	438	0101000020E6100000000000400AD76340000000A099994A40
18 Russia	Novokuznetsk	433	0101000020E610000000000040E1CA5540000000A099D94A40
18 Russia	Noril`sk	431	0101000020E61000000000006066065640000000C01E555140
18 Russia	Kotlas	421	0101000020E61000000000000008047400000004033934E40
18 Russia	Igarka	417	0101000020E61000000000004033A355400000006066D65040
18 Russia	Anadyr	396	0101000020E6100000000000802A246640000000409C195040
18 Russia	Yuzhno-Sakhalinsk	345	0101000020E6100000000000000D861400000040E17A4740
18 Russia	Nikolayevsk	344	0101000020E61000000000000D7C34640000000803D0A4940
18 Russia	Yakutsk	342	0101000020E6100000000000608F3A6040000000A047014F40
22 Qatar	Doha	183	0101000020E61000000000060A5BF4940000000E021343940
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Ery5 ade ery4 ery1			
	18 Russia 22 Qatar itte eatureServer MapServer T En V III III L Erys adde ery4	18 Russia Noril`sk 18 Russia Igarka 18 Russia Igarka 18 Russia Yuzhno-Sakhalinsk 18 Russia Nikolayevsk 18 Russia Yakutsk 22 Qatar Doha The eatureServer MapServer The providence of the	18 Russia Noril`sk 431 18 Russia Kotlas 421 18 Russia Igarka 417 18 Russia Anadyr 396 18 Russia Yuzhno-Sakhalinsk 345 18 Russia Nikolayevsk 344 18 Russia Yakutsk 342 22 Qatar Doha 183 Trys Try Try

Algumas cidades não foram consideradas, pois o ponto que as representa no mapa acabou ficando de fora da delimitação das fronteiras do país como mostrado nas figuras abaixo.





África do Sul



Qatar, Alemanha e parte da Russia

