

XXI AESOP Conference

Naples, July 11-15 2007

Track:4-4: Spatial planning and economic development

***The multilevel systemic consistency
of urban planning:
a tool for the European ‘cohesion policy’***

by

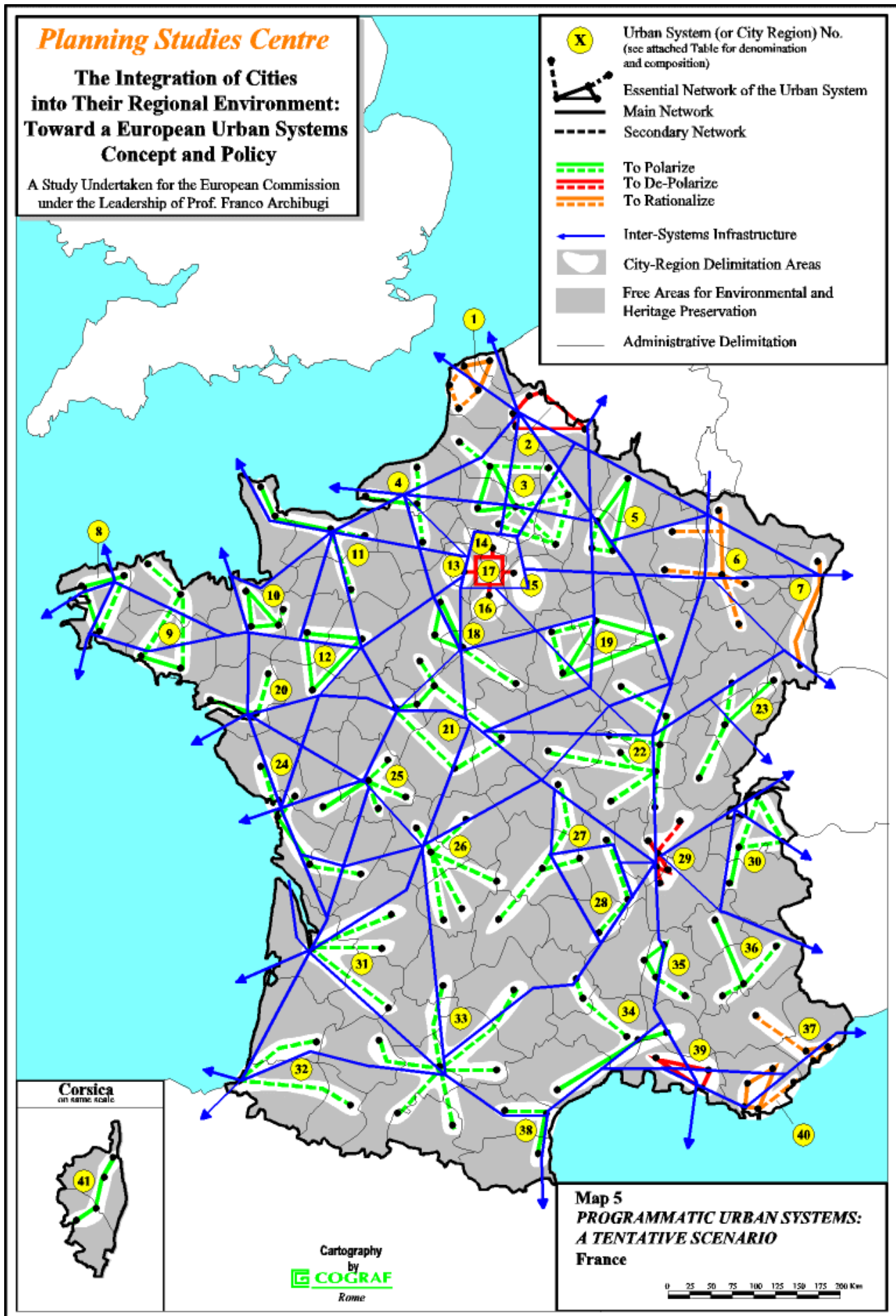
Franco Archibugi

Appendix No. 1

**A proposal for a new urban systems reorganisation
for a long term socio-economic “cohesion policy” in Europe.**

(In four Countries: France; Germany; Great Britain; Italy)

Abstract from an European Union research (Research and Innovation Framework Programme)
led by the **Planning Studies Centre** (Prof. Archibugi, Director)
with cooperation with other European research institutes (see Appendix 2)



[Attached to Map1 - France]

**Long-term reorganisation scenario
of the urban framework
List of proposed urban system
(FRANCE)¹**

System 1: Artois City Region

Total system: **1.400** (estimated)

Departments: Pas-de-Calais (minus Arras (41) e plus Dunquerque (83).

Cities And Main Centres: Dunquerque (83); Calais (80); Saint-Omer (20); Boulogne-sur-Mer (50).

System 2: Hainaut City Region

Total system: **2.550** (estimated)

Departments: Nord (minus Dunquerque (83), plus Arras (45).

Cities And Main Centres: Lille (169); Douai (48); Arras (44); Valenciennes (44).

System 3: Picardie City Region

Total system: **1.810**

Departments: Somme (547); Oise (725); Aisne (537).

Cities And Main Centres: Amiens (136); S.Quentin (70); Beauvais (54); Compiegne (43); Soissons (32); Laon (30); Abbeville (27).

System 4: Haute-Normandie City Region

Total system: **1.737**

Departments: Seine-Maritime (1.223); Eure (513).

Cities And Main Centres: Le Havre (199); Rouen (105); Evreux (50); Dieppe (26).

System 5: Ardenne City Region

Total system: **854**

Departments: Ardenne (296); Marne (558).

Cities And Main Centres: Reims (288); Charleville- Mezieres (63); Chalons-sur-Marne (56); Epernay (31).

System 6: Lorraine City Region

Total system: **2.305**

Departments: Meurthe-et-Moselle (711), Meuse (196); Moselle (1.010); Vosges (386).

Cities And Main Centres: Metz (117); Nancy (100); Epinal (49); Thionville (44); Verdun (27); Luneville (25); Bar-le-duc (21).

System 7: Alsace City Region

Total system: **1.624**

Departments: Rhin (953); Hauth-Rhin (671).

Cities And Main Centres: Strasbourg (257); Mulhouse (120); Colmar (67); Haguenau (27); Selestat (16).

System 8: Brest City Region

Total system: **838**

Departments: Finistere (838).

Cities And Main Centres: Brest (172); Qumper (60); Morlaix (21).

System 9: Bretagne City Region

Total system: **1.157**

Departments: Cotes-du-Nord (538); Morbihan (619).

Cities And Main Centres: Lorient (72); St.Brieul (56); Vannes (44).

System 10: Rennes City Region

Total system: **798**

Departments: Ille-et-Vilaine (798).

Cities And Main Centres: Rennes (206); St.Malo (46); Fougères (28); Vittrè (13).

System 11: Basse-Normandie City Region

Total system: **1.390**

Departments: Calvados (618); Manche (479); Orne (293).

Cities And Main Centres: Cannes (123); Cherbourg (35); Alencon (35); St.Lo (25); lisieux (27).

System 12: Maine-Anjou City Region

Total system: **1.496**

¹The list is made up of the departments and main cities and centres composing the proposed Urban System (between brackets the population, in thousands of inhabitants, rounded up to ten thousand, at 1990 for the counties and between 1985 and 1990 for the cities).

Departments: Sarthe (513); Mayenne (278); Maine-et-Loire (705).

Cities And Main Centres: Le Mans (150); Angers (143); Laval (55).

System 13: Yveline City Region

Total system: **1.196**

Departments: Yveline (1.196)

Cities And Main Centres: Versailles (91); and other centres of the Paris banlieu.

System 14: Val d'Oise City Region

Total system: **921**

Departments: Val d'Oise

Cities And Main Centres: Cergy-Pointoise (113); and other centres of the Paris banlieu.

System 15: Seine-et-Marne City Region

Total system: **887**

Departments: Seine-et-Marne (887).

Cities And Main Centres: Melun (35) and other centres of the Paris banlieu.

System 16: Essonne City Region

Total system: **988**

Departments: Essonne (988).

Cities And Main Centres: Evry (29) and other centres of the Paris banlieu.

System 17-A: Ville de Paris

Total system: **2.177.**

Departments: Ville de Paris (2.177)

Cities And Main Centres: Paris (2.177)

System 17-B: Haute-de-Seine City Region

Total system: **1.387**

Departments: Haute-de-Seine (1387)

Cities And Main Centres: Nanterre (89); and other centres of the Paris peripherie.

System 17-C: Seine-St.Denis City Region

Total system: **1.324**

Departments: Seine-St.Denis (1324).

Cities And Main Centres: Bobigny (43) and other centres of the Paris peripherie.

System 17-D: Val-de-Marne City Region

Total system: **1.194**

Departments: Val-de-Marne (1.194).

Cities And Main Centres: Creteil (72) and other centres of the Paris peripherie.

System 18: Orleans City Region

Total system: **976**

Departments: Eur-et-Loire (396); Loiret (580).

Cities And Main Centres: Orleans (110); Chartres (40); Chateaudun (20); Gien (15).

System 19: Champagne City Region

Total system: **816**

Dipartimenti: Yonne (323); Aube (289); Haute-Marne (204).

Cities And Main Centres: Troyes (76); St.Dizier (40); Auxerre (39); Chaumont (29).

System 20: Nantes City Region

Total system: **1.052**

Dipartimenti: Loire-Atlantique (1.052)

Cities And Main Centres: Nantes (264); St.Nazaire (68); La Baule (15); Chateaubriand (15).

System 21: Berry City Region

Total system: **1.392**

Departments: Loir-et-Cher (305); Cher (321); Indre (237); Indre-et-Loire (529).

Cities And Main Centres: Tours (145); Bourges (80); Chateauroux (60); Blois (52); Vierzon (40); Vendome (20).

System 22: Bourgogne City Region

Total system: **1.285**

Departments: Cote-d'or (493); Nièvre (233); Saone-et-Loire (559).

Cities And Main Centres: Dijon (157); Chalon-sur-Saone (60); Nevers (45); Macon (40); Le Creusot (35); Beaune (20).

System 23: Franche-Comtée City Region

Total system: **1.095**

Departments: Territoire del Belfort (134); Haute-Saone (229); Doubs (484); Yura (248).

Cities And Main Centres: Besancon (120); Belfort (57); Montbelliard (32); Vesoul (20); Lons-le-Saunier (20).

System 24: Charentes-Vandee City Region

Total system: **1.377**

Departments: Vandee (509); Charente Maritime (527); Charente (341).

Cities And Main Centres: La Rochelle (75); La Roche-sur-Yon (50); Angouleme (50); Saintes (30); Fontenay-le-Comte (20).

System 25: Poitou City Region

Total system: **725**

Departments: Deux-Sevres (345); Vienne (380).

Cities And Main Centres: Poitiers (80); Niort (60).

System 26: Limousin City Region

Total system: **721**

Departments: Creuse (131); Haute-Vienne (353); Correze (237).

Cities And Main Centres: Limoges (147); Brive-la-Gaillarde (60); Gueret (20); Tulle (25).

System 27: Auvergne City Region

Total system: 1.114

Departments: Allier (357); Puy-de-Dome (598); Cantal (158).

Cities And Main Centres: Clermont-Ferrand (136); Mont-Lucon (60); Vochy (35); ASurillac (30); Moulins (25).

System 28: St Etienne City Region

Total system: **953**

Departments: Loire (746); Haute-Loire (206).

Cities And Main Centres: St Etienne (200); Roanne (60); Le Puy (25).

System 29: Lyon City Region

Total system: **1.979**

Departments: Rhone (1.508); Ain (471).

Cities And Main Centres: Lyon (415); Bourg-en-Bresse (41); Villefranche-sur-Saone (31); Vienne (30).

System 30: Savoie City Region

Total system: **916**

Departments: Haute-Savoie (568); Savoie (348).

Cities And Main Centres: Chambéry (55); Annecy (50); Thono-les-bains (25); Aix-les-bains (22); Chamonix (10).

System 31: Gironde City Region

Total system: **1.904**

Departments: Gironde (1.213); Lot-et-Garonne (305); Dordogne (386).

Cities And Main Centres: Bordeaux (208); Perigueux (32); Agen (31); Bergerac (29); Libourbe (23); Marmande (17).

System 32: Guascogne City Region

Total system: **1.113**

Departments: Landes (311); Pyrenees-Atlantique (578); Haute-Pyrenees (224).

Cities And Main Centres: Pau (83); Tarbes (51); Bayonne (45); Biarritz (30); Mont-de-Marsan (30); Dax (20).

System 33: Midi-Pyrenees City Region

Total system: **2.202**

Departments: Ariège (136), Aveyron (270); Haute-Garonne (925); Gers (174); Lot (155); Tarne (342); Tarne et Garonne (200).

Cities And Main Centres: Toulouse (354); Castres (50); Montauban (50); Albi (45); Rodez (25); Auch (25); St.Gaudens 20); Cahors (20).

System 34: Languedoc City Region

Total system: **1.918**

Departments: Lozere (72); Vaucluse (467); Gard (585); Herault (794).

Cities And Main Centres: Montpellier (207); Nimes (130); Avignon (90); Beziers (90); Ales (46); Sete (40); Mende (15).

System 35: Valence City Region

Total system: **700**

Departments: Drame (414); Ardeche (277).

Cities And Main Centres: Valence (70); Montelimar (30); Privas (10).

System 36: Dauphiné City Region

Total system: **1.129**

Departments: Isere (1.016); Haute-Alpes 113).

Cities And Main Centres: Grenoble (151); Gap (30); Briancon (15).

System 37: Cote-d'Azur City Region

Total system: **1.102**

Departments: Alpes-de-Haute Provence (130); Alpes Maritimes (971).

Cities And Main Centres: Nice (342); Cannes (71); Grasse (35); Digne (15).

System 38: Roussillon City Region

Total system: 661

Departments: Aude (298); Pyrenees Orientales (363).

Cities And Main Centres: Perpignan (105); Narbonne (41); Carcassonne (41).

System 39: Marseille City Region

Total system: **1.759**

Departments: Bouche du Rhone (1.759).

Cities And Main Centres: Marseille (800); Aix-en-Provence (120); Arles (120).

System 40: Toulon City Region

Total system: **815**

Departments: Var (815).

Cities And Main Centres: Toulon (170); Brignoles (30); Draguignan (25).

System 41: Corse City Region

Total system: **250**












Departments: Corse du Sud (118); Haute Corse (132).

Cities And Main Centres: Ajaccio (54); Bastia (45).

Planning Studies Centre

**The Integration of Cities
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Concept and Policy**

A Study Undertaken for the European Commission
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-  Urban System (or City Region) No. (see attached Table for denomination and composition)
-  Essential Network of the Urban System
-  Main Network
-  Secondary Network
-  To Polarize
-  To De-Polarize
-  To Rationalize
-  Inter-Systems Infrastructure
-  City-Region Delimitation Areas
-  Free Areas for Environmental and Heritage Preservation
-  Administrative Delimitation



Map 5
PROGRAMMATIC URBAN SYSTEMS:
A TENTATIVE SCENARIO
Germany



Cartography
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COGRAF
Rome

[Attached to Map 1 - Germany]

Long-term reorganisation scenario of the urban framework

List of proposed urban system (GERMANY)²

System 1: Schleswig-Holstein City-Region

Total system: **1.686**

Analyseregionen: Schleswig/Ditmarschen (564); Mittelholstein (708); Ostholstein (413).

Cities And Main Centres: Kiel (248); Lübeck (217); Flensburg (88); Rendsburg (32) ; Schleswig (26) ; Husum (21); Eutin (20).

System 2: Hamburg City-Region

Total system: **3.420**

Analyseregionen: AR Hamburg (3.120); Luneburg (300).

Cities And Main Centres: Hamburg (1.700); Lueneburg (62), Stade (45); Uelzen (38); Buxtehude (32).

System 3: Mecklenburg City Region

Total system: **959**

Analyseregionen: Mittleres Mecklenburg/Rostock (446); WestMecklenbug (513).

Cities And Main Centres - Rostock (237); Schwerin (122) ; Wismar (53) ;

System 4: Pommern City Region

Total system: **1.034**

Analyseregionen: Vorpommern (534); AR Mecklenburg/Uckermark (500).

Cities And Main Centres: Neubrandenburg (90); Stralsund (76); Greifswald (86) ; Bergen (18)

System 5: Bremen City-Region

Total system: **2.618**

Analyseregionen: Oestfriesland/Wilhelmshaven (625); AR Unterwesens/Bremen (1.993).

Cities And Main Centres - Bremen (551) ; Oldenburg (147) ; Bremerhaven (131); Wilhelmshaven (91) ; Emden (52) ; Jever (15)

System 6: Brandenburger City-Region

Total system: **872**

Analyseregionen: AR Altmarck/Prignitz (472); as well as part of the Berlin basin, Brandenburg (400 estimated).

Cities And Main Centres - Brandenburg (95) ; Stendal (44) ; Tangermünde (12) ; Neuruppin (30) ;Neustrelitz (30).

System 7: Westfalia City-Region

Total system: **2.648**

Analyseregionen: Osnabrueck (618); Munster (1.483); Emsland/Cloppenburg (547).

Cities And Main Centres: Münster (267); Osnabrück (168); Lingen (51);

System 7 bis: Teutoburger City-Region

Total system: **1.991**

Analyseregionen: Bielefeld/Paderborn (1.991).

Cities And Main Centres: Bielefeld (313); Paderborn (110); Minden (83); Guterloh (81); Herford (70); Detmold (70); , Lippstadt (61); Soest (45); Reda (40).

System 8: Hannover City Region

Total system: **3.162**

Analyseregionen: AR Hannover (2.156); AR Braunschweig (1.006).

Cities And Main Centres: Hannover (524); Braunschweig (260); Wolfsburg (131); Salzgitter-Hohenrode (115); Hildesheim (103); Celle (72); Hameln (60); Wolfenbüttel (51); Goslar (46).

System 9: Flaming City-Region

Total system: **1.587**

Analyseregionen: Magdeburg (1.010); Dessau (577).

Cities And Main Centres: Magdeburg (270); Dessau (103); Wittemberg (53); Halbenstadt (47); Bernburg (42); Ascherleben (35); Coswig (30); Luckenwalde (27); Zerbst (20).

System 10: Berlin City-Region

Total system: **4.200**

Analyseregionen: Berlin-Brandenburg (5.052); less the regions of Brandenburg e Frankfurt/Oder (estimated: 450)

Cities And Main Centres: Berlino (3475); Potsdam (143); Eberswalde 60).

²The list is made up of the analysed regions (*Analyseregionen*) adopted by the BfLR and of the main cities and centres making up the proposed Urban System (between parentheses the population in thousands of inhabitants, rounded up to ten and by various periods between 1985 and 1994).

System 11: Ruhrgebiet City Region

Total system: **4.000**

Analyseregionen: part of the AR Ruhrgebiet

Cities And Main Centres: Essen (622); Dortmund (601); Duisburg (532); Bochum (401); Gelsenkirchen (297); Oberhausen (231); Hagen (214); Hamm (182); Mühlheim (180); Recklinghausen (125); Bottrop (114).

System 12: Nord Hessen-Harz City Region

Total system: **1.574**

Analyseregionen: AR Nord-Hessen (919); Harz-Göttingen (755).

Cities And Main Centres: Kassel (202); Göttingen (131); Northeim (33); Münden (26); Warburg (25); Einbeck (28).

System 13: Lausitz City Region

Total system: **1.073**

Analyseregionen: AR Lausitz-Spreewald (673); plus Frankfurt a.d.O. (estimated 400).

Cities And Main Centres: Cottbus (128); Frankfurt a.d.O. (83); Luebben (15).

System 14: Upper Saxen City Region

Total system: **1.960**

Analyseregionen: AR Halle/Westsachsen (1.960).

Cities And Main Centres: Leipzig (490), Halle (295); Zeitz (44); Weissenfels (40); Naumburg (34).

System 15: Dresden City Region

Total system: **1.665**

Analyseregionen: AR Dresden-Elbtal (1.665)

Cities And Main Centres: Dresden (480); Görlitz (70); Bautzen (50); Riesa (50); Meissen (40).

System 16: Aachen City Region

Total system: **1.040**

Analyseregionen: Aachen (1.040)

Cities And Main Centres: Aachen (246); Eschweiler (60).

System 17: Nieder Rhein City Region

Total system: **2.800**

Analyseregionen: Part of AR Ruhrgebiet

Cities And Main Centres: Düsseldorf (574); Wuppertal (386); Mönchengladbach (261); Krefeld (245); Solingen (166); Neuss (150); Ludenscheid (75).

System 18: Hessen- Rothaar City Region

Total system: **2.535**

Analyseregionen: Sauerland/Siegen (1.145); AR Mittel hessen (930); AR Osthessen (460).

Cities And Main Centres: Siegen (114); Giessen (76); Marburg (75); Fulda (56); Wetzlar (52); Dillenburg-Herborn (50).

System 19: Thüringen City Region

Total system: **2.589**

Analyseregionen: Sudthüringen (544); AR Nordthüringen (514); Mittel Thüringen/Ostthüringen (1.531).

Cities And Main Centres: Erfurt (200); Gera (126); Jena (105); Weimar (63); Suhl (60); Gotha (57); Altenburg (53); Eisenach (50); Nordhausen (50); Saalfeld (35).

System 20: Vogtland City Region

Total system: **1.705**

Analyseregionen: AR Chemnitz-Zwickau (1.705).

Cities And Main Centres: Chemnitz (300); Zwickau (130); Plauen (80).

System 21: Rheinland City Region

Total system: **5.695**

Analyseregionen: AR Rheinland (5.695).

Cities And Main Centres: Köln (962); Bonn (296); Leverkusen (161).

System 22: Mosel City Region

Total system: **1.576**

Analyseregionen: Trier (502); AR Mittelrhein-Westerwald (974).

Cities And Main Centres: Koblenz (109); Trier (99); Newwed (63); Andernach (28).

System 23: Taunus City Region

Total system: **2.074 (?)**

Analyseregionen: AR Rhein-Main (2.074)?.

Cities And Main Centres: Frankfurt a.M. (660); Wiesbaden (270); Mainz (185); Darmstadt (139); Offenbach (114); Hanau (90); Russelheim (63); Bad Homburg vor der Höhe (52); Oberursel (42).

System 24: Unter-Franken City Region

Total system: **1.080**

Analyseregionen: AR Würzburg (632); Main-Rhon (448).

Cities And Main Centres: Würzburg (128); Aschaffenburg (65); Schweinfurt (55).

System 25: Ober-Francken City Region

Total system: **995**

Analyseregionen: Ober-Francken/West-Oberfrancken-Ost (995).

Cities And Main Centres: Bayreuth (73); Bamberg (70); Hof (52); Coburg (46); Kulmbach (30).

System 26: Saar-Pfalz City Region

Total system: **1.882**

Analyseregionen: AR Hunruck-Westpfalz (788); Saarland (1.084).

Cities And Main Centres: Saarbrücken (190); Kaiserslautern (100); Pirmasens (51); Saarlouis (40); Zweibrücken (35); Merzig (30).

System 27: Rhein-Neckar City Region

Total system: **1.894**

Analyseregionen: Rhein-Neckar (1894).

Cities And Main Centres: Mannheim (318); Ludwigshafen (168); Heidelberg (139); Worms (80); Neustadt (50); Weinheim (43); Speyer (45).

System 28: Mittel Francken City Region

Total system: **2.278**

Analyseregionen: Oberpfalz-Nord (509); Mittelfrancken/ Westmittelfrancken (1.769).

Cities And Main Centres: Nürnberg (500); Furth (108); Erlangen (102); Arnberg (43); Ansbach (40); Schwabach (40).

System 29: Baden City Region

Total system: **1.216**

Analyseregionen: AR Mittlerer Oberrhein (1.216).

Cities And Main Centres: Karlsruhe (272); Pforzheim (106); Baden-Baden (50); Bruchsal (38); Ettlingen (37).

System 30: Donau City Region

Total system: **1.965**

Analyseregionen: AR Regensburg (920); Ingolstadt (411); AR Donau Wald (634).

Cities And Main Centres: Regensburg (133); Ingolstadt (90); Landshut (59); Passau (52); Straubing (41).

System 31: Württembergische City Region

Total system: **4.387**

Analyseregionen: AR Odenwald-Heilbronn (893); AR Mittlerer Neckar (3.494).

Cities And Main Centres: Stuttgart (595); Heilbronn (110); Esslingen (90); Reutlingen (96); Ludwigsburg (80); Tübingen (75); Schwäbische Gmünd (56).

System 32: Schwabe City Region

Total system: **2.801**

Analyseregionen: AR Donau-Iller (624); AR Ostwürttemberg (623); AR Augsburg (935); AR Allgäu (619).

Cities And Main Centres: Augsburg (264); Sonthofen (205); Ulm (114); Aalen (65); Kempten (61); Memmingen (40); Biberach (30).

System 33: Breisgau City Region

Total system: **2.126**

Analyseregionen: AR Schwarzwald- Baar-Henberg (787); Südl. Oberrhein/Hochrhein-Bodensee (1.339).

Cities And Main Centres: Freiburg i.B. (180); Villingen-Schwenningen (80); Offenburg (55); Lorrach (41); Tuttlingen (33); Freudenstadt (20).

System 34: Bodensee City Region

Total system: **837**

Analyseregionen: AR Bodensee- Oberschwaben (837)

Cities And Main Centres: Konstanz (75); Friederichshafen (54); Ravensburg (45); Singen (44); Rodolfzell (27).

System 35: Münchener City Region

Total system: **3.662**












Analyseregionen: AR München/ Oberland (3.079); AR Südostober Bayern (583).

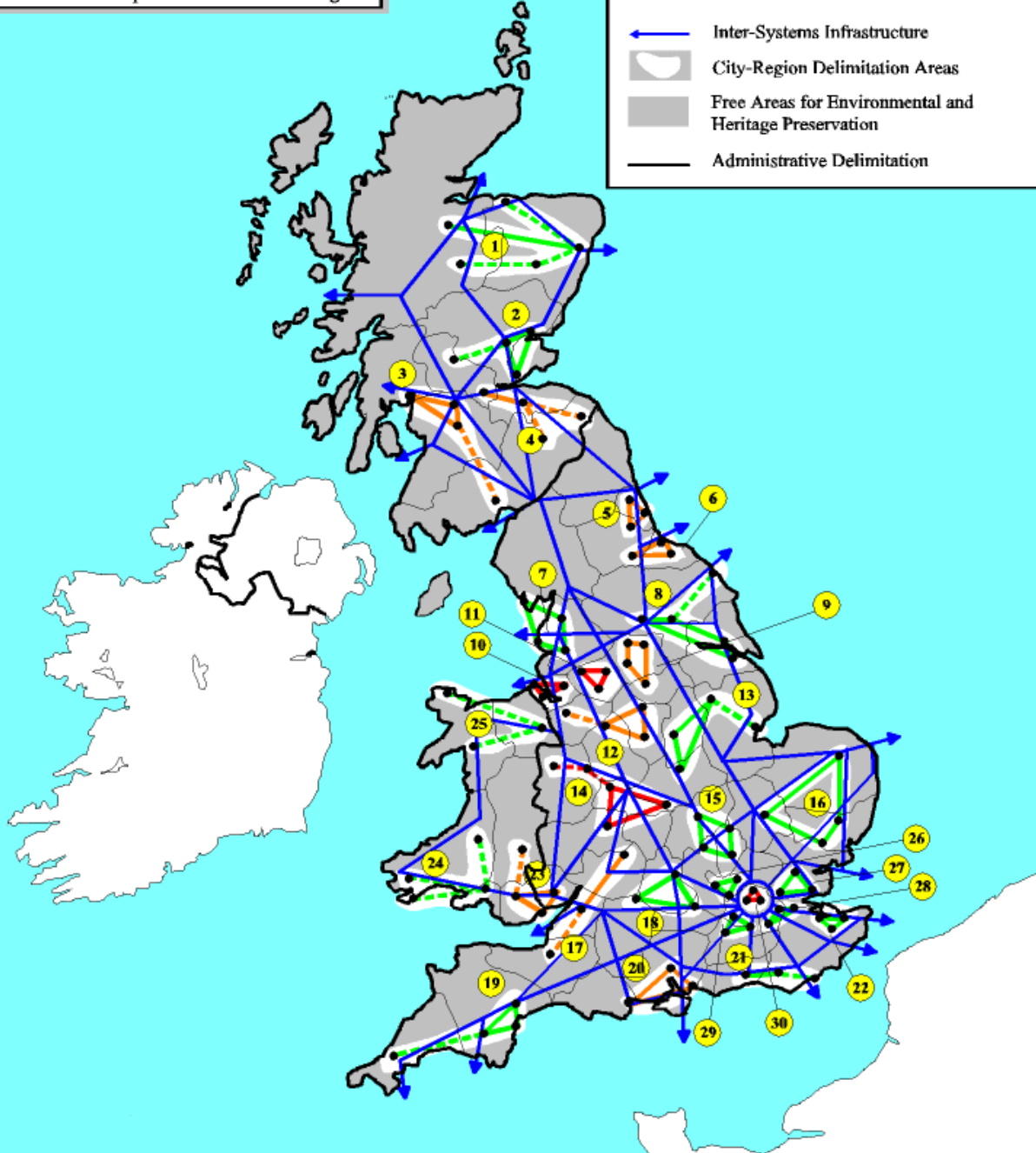
Cities And Main Centres: München (1.255); Rosenheim (56); Freising (35); Dachau (34); Fürstfeldbruck (31).

Planning Studies Centre

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| | |
|--|---|
|  | Urban System (or City Region) No. (see attached Table for denomination and composition) |
|  | Essential Network of the Urban System |
|  | Main Network |
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|  | City-Region Delimitation Areas |
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|  | Administrative Delimitation |



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by
COGRAF
Rome

Map 5
PROGRAMMATIC URBAN SYSTEMS:
A TENTATIVE SCENARIO
Great Britain

0 25 50 75 100 125 150 175 200 Km

[Attached to Map1- Great Britain]

Long-term reorganisation scenario of the urban framework

List of proposed urban system (GREAT BRITAIN)³

System 1: North-Scotland City Region

Total System: **610**

Counties: Grompian (530), Highland (210) Western-Orkney-Shetland (70).

Cities And Main Centres: Aberdeen (200), Inverness (40), Elgin (20), Pewterhead (20).

System 2: Central Scotland City Region

Total System : **1.020**

Counties: Tayside (400), Fife (350), Central (270).

Cities And Main Centres: Dundee (200), Perth (50), Kirkaldy (50), Stirling (30).

System 3: West-Scotland City Region

Total System: **3.140**

Counties: Strathclyde (2240), Dumprfries & Galloway (900).

Cities And Main Centres: Glasgow (900), Paisley (100), Greenec (70), Kilmarmock (50), Ayr (50), Hamilton (50), Cumbernauld (35), Dumpreies (30).

System 4: East-Scotland City Region

Total system: **860**

Counties: Lothian (750), Borders (110).

Cities And Main Centres: Edimburgh (500), Farfilk 40).

System 5: Tyne City Region

Total System: **1.750**

Counties: Northumberland (230), Durham (half: 300), Tyne & War (1.130).

Cities And Main Centres: New Castle-on-Tyne (230), Sunderland (217), South Schields (100), Tinemouth (70).

System 6: Tees City Region

Total System: **860**

Counties: Cleveland (560), Durham (half: 300) North Yorkshire as far as the Cleveland Hills: 200).

Cities And Main Centres: Middlesbrough (90), Darlington (90), Stochton-on-Tees (90), Hartlepool (....), Billingham (40).

System 7: Lancashire City Region

Total System: **1.910**

Counties: Lancashire (1.420), Cumbria (490).

Cities And Main Centres: Blackpool (160), Preston (100), Blackburn (100),

Carlslile (80), Burnley (80), Lancaster (50), Morecambe (50), Lytham (50).

System 8: North Yorkshire- Humberside City Region

Total System: **1.430**

Counties: North Yorkshire (part: 540), Humerside (890).

Cities And Main Centres: Hull (300), York (100), Grimsby (100), Haarogate (60), Scarborough (50), Bridlington (30).

System 9: Yorkshire City Region

Total System: **3.370**

Counties: West-Yorkshire (2.070), South-Yorkshire (1.300).

Cities And Main Centres: Leeds (496), Sheffield (550), Bradford (300), Huddersfield (130), Halifax (100), Doncaster (90), Wakefield (60).

System 10: Merseyside-City

Total System: **1.440**

Counties: Merseyside (1.440).

Cities And Main Centres: Liverpool (650), Birkenhead (140), St.Helens (105), Wallasey (100), Southport (90), Whiston (90), Huyton (70), Kirby (60).

System 11: Greater Manchester City Region

Total System: **2.590**

Counties: Greater Manchester (2.590).

Cities And Main Centres: Manchester (600), Bury (700), Stockport (140), Bolton (150), Oldham (105).

³The list is made up of the counties and main cities and centres composing the proposed Urban System (between brackets the population, in thousands of inhabitants, rounded up to ten thousand, at 1990 for the counties and between 1985 and 1990 for the cities).

System 12: Cheshire-Staffordshire City Region

Total System: **(2.050)**.

Counties: Cheshire (980), Staffordshire (1.070).

Cities And Main Centres: Stoke-on-Trent (300), New Castle under Lyne (77), Chester (60).

System 13: Midland City Region

Total System: **3.500**

Counties: Derbyshire (950), Nottinghamshire (1.030), Leicestershire (910), Lincolnshire (610).

Cities And Main Centres: Nottingham (300), Leicester (300), Derby (250), Lincoln (80), Chesterfield (80), Boston (30).

System 14: West-Midland City Region

Total System: **(4.190)**.

Counties: West-Midland (2.610), Hereford & Worcester (670), Shropshire (420), Warwickshire (490).

Cities And Main Centres: Birmingham (1.100), Coventry (350), Wolverhampton (300), Worcester (80), Screwsbury (60), Tamworth (50).

System 15: South Midland City Region

Total System: **1.440**

Counties: Northamptonshire (610), Bedfordshire (540), Buckinghamshire (Northside: 300).

Cities And Main Centres: Northampton (160), Luton (160), Dunstable (50), Milton Keynes (....).

System 16: East-Anglia City Region

Total System: **2.500**

Counties: Norfolk (730), Suffolk (670), Cambridgeshire (700), Essex (Northside: 400).

Cities And Main Centres: Norwich (130), Ipswich (130), Petersborough (120), Cambridge (100), Colchester (120).

System 17: Bristol-Gloucester City Region

Total System **2.000**

Counties: Avon (970), Somerset (480), Gloucestershire (550). *Cities And Main Centres:* Bristol (450), Bath (100), Gloucester (100), Cheltenham (80), Bridgwater (30).

System 18: Reading-Oxford-Swindon City Region

Total System: **1.900**

Counties: Berkshire (770), Wiltshire (600), Oxfordshire (600). *Cities And Main Centres:* Reading (200), Oxford (120), Swindon (100).

System 19: Devon-Cornwall City Region

Total System: **1.550**

Counties: Devon (1.060), Cornwall (490).

Cities And Main Centres: Plymouth (250), Torquay (110), Exeter (100), Small centres West-End (150)

System 20: Hampshire-City City Region

Total System: **1.410**

Counties: Hampshire (1.600), Dorset (680), Isle of Wight (130). *Cities And Main Centres:* Southampton (250), Portsmouth (200), Bournemouth (130), Poole (100), Gosport (80), Farcham (80), Weymouth (45), Salisbury (40), Winchester (35), Dorchester (15).

System 21: Sussex City Region

Total System: **1.520**

Counties: West-Sussex (790), East Sussex (730).

Cities And Main Centres: Brighton (200), Worthing (100), Eastbourne (90), Hastings (80).

System 22: Kent City Region

Total System: **1.300**

Counties: Kent (apart from zones adjacent to Greater London) (1.300).

Cities And Main Centres: Rochester (60), Gravesend (60), Margate (50), Folkestone (50), Canterbury (40), Ramsgate (40), Dover (40).

System 23: South-Wales City Region

Total System: **1.520**

Counties: Mid Glamorgan (540), Gwent (450), South Glamorgan (410), Powys (120).

Cities And Main Centres: Cardiff (300), New Port (130), Merthyr Tydfil (60), Pontypridd (40), Pontypool (40), Rhondda (...), Bridgend (15), Montmouth (10).

System 24: West-Wales City Region

Total System: **720**

Counties: West Glamorgan (370), Dyfed (350).

Cities And Main Centres: Swansea (180); Llanelli (30); Pembroke (20).

System 25: North-Wales City Region

Total System: **660**

Counties: Clwyd (420), Gwynedd (240).

Cities And Main Centres: Wrexham (40), Colwin Bay (25), Bangor (20).

System 26: London North-West City Region

Total System: **(not evaluated)**.

Counties: Parts of Greater London Council, Hertfordshire and Buckinghamshire.

GLC Boroughs: Enfield (258), Barnet, Harrow, possibly also Brent.

Centres in Hertfordshire: St. Albans (52), Welwyn Garden City (50), Hatfield (40), Hertford (25), Hemel Hempstead New Town (30), Ware (20).

Centres in Buckinghamshire: Watford (110), Amersham (70).

(The part of Buckinghamshire to be included in the system reaches the Chiltern Hills).

System 27: London North-East City

Counties: Parts of Greater London Council and Essex. Total System: (not evaluated)

GL Boroughs : Waltham Forest, Redbridge, (possibly: Chingford, Woodford), Havering (possibly Barking & Dagenham).

Centres in Essex: Loughton (..), Harlow New Town (80), Epping (..), Bishop'Storford (25), Chelmsford (100), Brentwood (..), Maldon (14), Southend on Sea (160).

System 28: London South-East City Region

Total System: (not evaluated)

Counties: Parts of Greater London Council and Kent.

Boroughs of Greater London Council: Bexley (possibly Crayford) Bromley (possibly Sidcup).

Centres in Kent: Dartford (50), Sevenoak (..), Swanley, Farningham, Eynsford, Darenth, Wrotham.

System 29: London South-West City Region

Total System: (not evaluated)

Counties: Parts of Greater London Council and Surrey.

Boroughs of Greater London Council: Croydon, Sutton, Kington-upon-Thames, Richmond-upon-Thames, Hounslow, Hillington.

Centres in Surrey: Epsom and Ewell (65), Leterhead (50), Guildford (70), Weybridge (50), Esher (50), Staines (51), Reigate, Horley, Dorking (15), Egham (21), Shepperton (10) .

System 30: London Historical Centre

Total System: not evaluated

Counties: Parts of Greater London Council

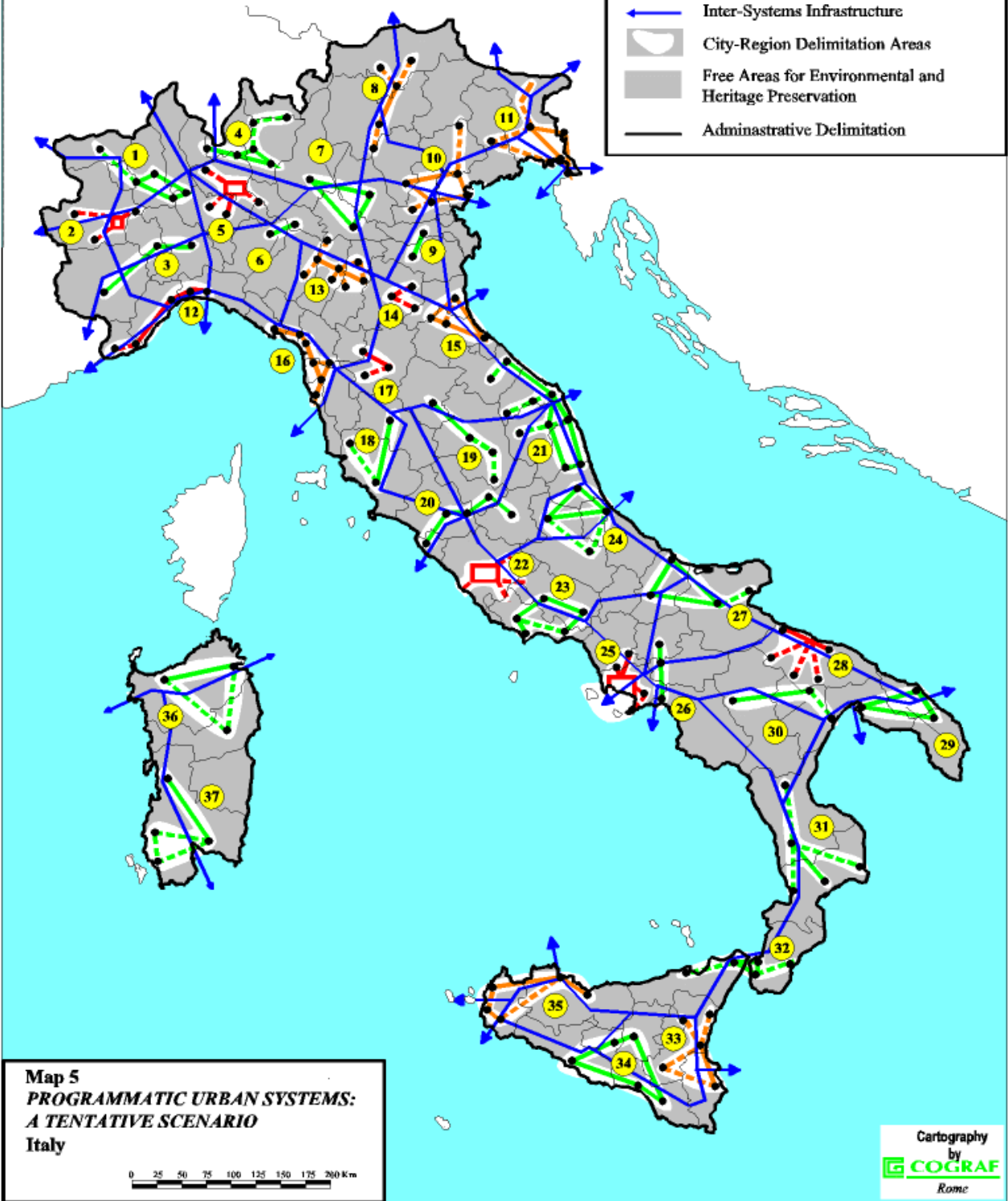
Boroughs of GLC: City of Westminster, City of London, SouthWark, Camden, Islington, Hackney, Tower Hamlets, Lambeth, Wandsworth, Hammersmith & Fulham.

Planning Studies Centre

**The Integration of Cities
into Their Regional Environment:
Toward a European Urban Systems
Concept and Policy**

A Study Undertaken for the European Commission
under the Leadership of Prof. Franco Archibugi

- (X)** Urban System (or City Region) No.
(see attached Table for denomination
and composition)
- Essential Network of the Urban System
- Main Network
- Secondary Network
- To Polarize
- To De-Polarize
- To Rationalize
- Inter-Systems Infrastructure
- City-Region Delimitation Areas
- Free Areas for Environmental and
Heritage Preservation
- Administrative Delimitation



Map 5
PROGRAMMATIC URBAN SYSTEMS:
A TENTATIVE SCENARIO
Italy

Cartography
by
COGRAF
Rome

[Attached to Map 1 - Italy]

**Long-term reorganisation scenario
of the urban framework**
List of proposed urban systems or city-regions
(ITALY)

System 1: Northern Piedmont City Region

Total System: **1.085**

Provinces: Vercelli (373), Novara (500), Valle d'Aosta (118) Ivrea (Comp.) (94)

Cities and Main Centres: Novara (102), Vercelli (48), Biella (48), Aosta (35), Verbania (30), Ivrea (25).

System 2: Turin City Region

Total System: **2.130**

Provinces: Torino (2.130)

Cities and Main Centres: Torino (934), Moncalieri (59), Rivoli (52), Settimo torinese (47), Collegno (47), Grugliasco (40), Nichelino (43), Pinerolo (35), Chieri (31), Venaria Reale (31), Carmagnola (24).

System 3: Southern Piedmont City Region

Total System: **1.195**

Provinces: Asti (210), Alessandria (435), Cuneo (550)

Cities and Main Centres: Alessandria (89), Asti (73), Cuneo (55), Casale Monferrato (38), Novi ligure (29), Tortona (27), Bra (27).

System 4: Northern Lombardy City Region

Total System: **2.543**

Provinces: Varese (705), Como (808), Bergamo (953), Sondrio (177),

Cities and Main Centres: Bergamo (117), Varese (85), Como (85), Lecco (45), Gallarate (45), Cantù (35), Sondrio (22), Treviglio (25).

System 5: Milan City Region

Total System: **4.618**

Provinces: Milano (3.914), Pavia (492) Saronno (comp. 77), Busto Arsizio (comp.135)

Cities and Main Centres: Milano (1,321), Monza (120), Pavia (75), Busto Arsizio (77), Vigevano (59), Legnano (52), Rho (52), Lodi (42), Saronno (37), Paderno Dugnano (44), Voghera (40), Rozzano (36), Seregno (39) Limbiate (32), Lissone (32), Cesano Maderno (31), Corsico (35), Desio (34), Brugherio (30).

System 6: Western Padania City Region

Total System: **597**

Provinces: Cremona (330), Piacenza (267)

Cities and Main Centres: Piacenza (101), Cremona (72), Crema (33)

System 7: Lombard-Veneto City Region

Total System: **2.225**

Provinces: Brescia (1.059), Mantova (368), Verona (798)

Cities and Main Centres: Verona (254), Brescia (190), Mantova (50).

System 8: Trento-Upper Adige City Region

Total System: **908**

Provinces: Trento (459), Bolzano (449)

Cities and Main Centres: Trento (103), Bolzano (97), Merano (33), Rovereto (33).

System 9: Eastern Padania City Region

Total System: **603**

Provinces: Rovigo (246), Ferrara (357)

Cities and Main Centres: Ferrara (136), Rovigo (51), Cento (28)

System 10: Venetian City Region

Total System: **3.375**

Provinces: Venezia (818), Vicenza (761), Padova (831), Treviso (754) Belluno (211).

Cities and Main Centres: Venezia (301), Padova (212), Vicenza (107), Treviso (81), Chioggia (52), Bassano del Grappa (39), Belluno (35), Schio (36), Conegliano (35).

System 11: Friuli-Venetia Iulia City Region

Total System: **1.170**

Provinces: Trieste (256), Udine (520), Pordenone (256), Gorizia (138)

Cities and Main Centres: Trieste (225), Udine (96), Pordenone (49), Gorizia (38), Monfalcone (26).

System 12: Liguria City Region

Total System: **1.436**

Provinces: Genova (935), Savona (284), Imperia (217)

Cities and Main Centres: Genova (661), Savona (65), San Remo (56), Imperia (41), Chiavari (28), Rapallo (28), Ventimiglia (26).

System 13: Emilian City Region

Total System: **1.425**

Provinces: Parma (391), Reggio Emilia (427), Modena (607).

Cities and Main Centres: Modena (174), Parma (168), Reggio Emilia (144), Carpi (60), Sassuolo (40), Formigine (27), Correggio (20), Scandiano (22), Fidenza (23).

System 14: Bologna City Region

Total System: **906**

Provinces: Bologna (906)

Cities and Main Centres: Bologna (390), Imola (63), San Lazzaro di Savena (29), S.Giovanni in Persiceto (22).

System 15: Romagna City Region

Total System: **964**

Provinces: Forlì (614), Ravenna (350),

Cities and Main Centres: Ravenna (136), Rimini (129), Forlì (108), Cesena (89), Faenza (53), Riccione (33), Lugo (31)

System 16: Tosco-Tyrrhenian City Region

Total System: **1.523**

Provinces: La Spezia (226), Lucca (376), Pisa (384), Livorno (337), Massa-Carrara (200)

Cities and Main Centres: La Spezia (99), Lucca (85), Massa (66), Carrara (66), Viareggio (57), Capannori (43), Camaiore (30).

System 17: Florentin City Region

Total System: **1.441**

Provinces: Firenze (1.176), Pistoia (265)

Cities and Main Centres: Firenze (388), Prato (166), Pistoia (86), Scandicci (52), Sesto Fiorentino (47), Empoli (43), Campi Bisenzio (35).

System 18: Southern Tuscany City Region

Total System: **468**

Provinces: Siena (251), Grosseto (217)

Cities and Main Centres: Grosseto (71), Siena (55), Poggibonsi (26).

System 19: Umbro-Aretino City Region

Total System: **914**

Provinces: Arezzo (316), Perugia (598)

Cities and Main Centres: Perugia (148), Arezzo (91), Foligno (53), Città di Castello (38), Spoleto (37), Gubbio (31), Assisi (25).

System 20: Umbro-Upper Latium City Region

Total System: **728**

Provinces: Terni (224), Rieti (149), Viterbo (287), Civitavecchia (comp. 68)

Cities and Main Centres: Terni (108), Viterbo (60), Civitavecchia (51), Rieti (45)

System 21: Marche City Region

Total System: **1.439**

Provinces: Ancona (439), Pesaro-Urbino (338), Macerata (297), Ascoli P. (365)

Cities and Main Centres: Ancona (100), Pesaro (87), Fano (54), Ascoli Piceno (52), Macerata (42), Senigallia (41), Iesi (39), Civitanova Marche (37), Fermo (35), Osimo (28).

System 22: Roman City Region

Total System: **3.650**

Provinces: Roma (3.650)

Cities and Main Centres: Roma (2.667), Guidonia Montecelio (61), Tivoli (53), Velletri (47), Fiumicino (46), Pomezia (42), Anzio (38), Nettuno (36), Ciampino (36), Mentana (33), Monterotondo (31), Albano Laziale (33).

System 23: Southern Latium City Region

Total System: **1.075**

Provinces: Latina (494), Frosinone (489), Isernia (92)

Cities and Main Centres: Latina (109), Aprilia (52), Frosinone (46), Terracina (37), Formia (35), Cisterna di Latina (32), Fondi (32), Cassino (32), Sora (27), Alatri (26), Gaeta (22), Ceccano (22), Isernia (21).

System 24: Abruzzi City Region

Total System: **1.266**

Provinces: L'Aquila (302), Pescara (292), Teramo (285), Chieti (387)

Cities and Main Centres: Pescara (119), L'Aquila (68), Chieti (56), Teramo (52), Avezzano (38), Montesilvano (37), Lanciano (34), Sulmona (25), Ortona (23).

System 25: Neapolitan City Region

Total System: **4.153**

Provinces: Napoli (3.090), Caserta (836), Sarnese (comp. 227)

Cities and Main Centres: Napoli (1062), Torre del Greco (99), Casoria (82), Pozzuoli (79), Caserta (71), Castellammare di Stabia (67), Portici (65), S.Giorgio a Cremano (61), Ercolano (60), Afragola (60), Aversa (54), Marano di Napoli (53), Torre Annunziata (50), Nocera Inferiore (48), Pomigliano d'Arco (42), Acerra (42), Azzano (40), Casalnuovo di Napoli (38), Maddaloni (37), Marcianise (36), Quarto (35), Pagani (34), Sant'Antimo (31), Sarno (31), S.Maria Capuavetere (30).

System 26: Campania hinterland City Region

Total System: **1.587**

Provinces: Benevento (296), Avellino (441), Salerno (850)

Cities and Main Centres: Salerno (144), Benevento (63), Avellino (55), Cava dei Tirreni (53) Battipaglia (48).

System 27: Molise-Southern Puglia City Region

Total System: **938**

Provinces: Campobasso (239), Foggia (699)

Cities and Main Centres: Foggia (155), Cerignola (55), Manfredonia (58), Campobasso (51), Lucera (36), Termoli (29)

System 28: Bari City Region

Total System: **1.554**

Provinces: Bari (1.554)

Cities and Main Centres: Bari (337), Andria (91), Barletta (89), Molfetta (66), Altamura (60), Bitonto (55), Trani (52), Bisceglie (48), Monopoli (47), Corato (43), Gravina in Puglia (40), Modugno (37).

System 29: Ionic-Salentine City Region

Total System: **1.821**

Provinces: Brindisi (413), Taranto (592), Lecce (816)

Cities and Main Centres: Taranto (213), Lecce (100), Brindisi (95), Martina Franca (46), Fasano (39), Francavilla Fontana (34), Ostuni (33), Grottaglie (31), Marduria (31), Massafra (31), Nardo(31).

System 30: Basilicata City Region

Total System: **610**

Provinces: Potenza (402), Matera (208)

Cities and Main Centres: Potenza (65), Matera (55).

System 31: Calabria Silana City Region

Total System: **1.497**

Provinces: Cosenza (753), Catanzaro (744)

Cities and Main Centres: Catanzaro (96), Cosenza (78), Lamezia Terme (71), Crotona (59), Corigliano Calabro (36), Rossano (34), Rende (32), Vibo Valentia (35).

System 32: Straits City Region

Total System: **1.262**

Provinces: Reggio Calabria (578), Messina (684)

Cities and Main Centres: Messina (263), Reggio Calabria (179), Barcellona (41), Milazzo (31).

System 33: Ionic Sicily City Region

Total System: **1.482**

Provinces: Catania (1.076), Siracusa (406)

Cities and Main Centres: Catania (337), Siracusa (127), Acireale (51), Paternò (44), Misterbianco (43), Caltagirone (38), Adrano (35), Augusta (34), Avola (31).

System 34: Central Sicily City Region

Total System: **1.240**

Provinces: Agrigento (476), Ragusa (296), Caltanissetta (282), Enna (186)

Cities and Main Centres: Gela (74), Ragusa (68), Caltanissetta (62), Agrigento (55), Vittoria (57), Licata (41), Sciacca (39), Canicattì (33), Favara (32), Enna (28).

System 35: Tyrrhenian Sicily City Region

Total System: **1.673**

Provinces: Palermo (1.241), Trapani (432)

Cities and Main Centres: Palermo (693), Marsala (80), Trapani (69), Bagheria (50), Mazara del Vallo (49), Alcamo (43), Erice (30), Castelvetrano (30), Monreale (27).

System 36: Northern Sardinia City Region

Total System: **732**

Provinces: Sassari (459), Nuoro (273)

Cities and Main Centres: Sassari (121), Olbia (42), Alghero (40), Nuoro (37).

System 37: Southern Sardinia City Region

Total System: **926**

Provinces: Cagliari (769), Oristano (157)

Cities and Main Centres: Cagliari (176), Quartu S.Elena (65), Carbonia (33), Oristano (31), Iglesias (29),

Appendix No. 2

The European research team for the European Commission Framework Programme “Actvill”

Prof. *Franco Archibugi*, co-ordinator

French Team

Alphaville

20, Boulevard de Sebastopole, 75004, Paris

Christine Moissinac, Caroline Gerber: Direction: *Thierry Vilmin*

German Team

Bundesforschungsanstalt für Landeskunde und Raumordnung

Am Michaelshof 8, D 53177 Bonn.

Helge Delion, Margit Molder

Direction: *Eleonore Irmen, Karl Peter Schon*

British Team

Dalia & Nathaniel Lichfield Associates, DNLA

13, Chalcott Gardens England's Lane, London NW3 4YB.

Martin Friend, Martin Davies

Direction: *Nathaniel Lichfield*

Review: *Michael Collins, James Simmie*

Centre for the Advanced Studies in Social Sciences (CASS)

33, Corbett Road, Cathais Park, Cardiff, CS1 3EB.

Direction: *Philip Cooke*

Italian Team

Planning Studies Centre

Via Federico Cassitto 110, 00134 Rome

Annalisa Cicerchia, Joseph King, Neil Campbell

Direction: *Franco Archibugi*

Centro per gli Studi Economici, CES

Corso di Porta Nuova 8, 20121 Milan.

Roberto Camagni, Roberta Capello and Massimo Bricocoli