



***Tender to the European Spatial Planning
Observatory Network (ESPON):***

***The role, specific situation and potentials
of urban areas as nodes
in a polycentric development***

ESPON action 1.1.1

Nordregio
Holmamiralens väg 10
Box 1658
SE- 111 86 Stockholm
Sweden

Tel: +46-8-463 5400
Fax: +46-8-463 5401
E-mail: hallgeir.aalbu@nordregio.se

www.nordregio.se

May 2002

TABLE OF CONTENTS

1. GENERAL INFORMATION	3
1.1 Identification of the Tenderer	3
1.2 Contact person.....	4
1.3 Legal status and financial capacity.....	4
1.4 Account details	4
1.5 Name of person authorised to sign contract	4
2. SPECIFIC INFORMATION	5
2.1 Expertise of the Tenderer	5
2.2 The Main Partners	5
2.3 The Consultative Partners.....	8
2.4. Professional expertise of project team.....	9
2.5. Technical capacity of the Project team	20
3. TECHNICAL ORGANISATION	23
3.1 Location, Working Conditions and Software	23
3.2 Liaison with the ESPON Secretariat and ESPON 3.1.	23
3.3 Financial Organisation	23
3.4 Project Organisation.....	23
3.5 Global Project Organisation	25
4. PROPOSAL OF SERVICES	27
4.1 Overall Organisation of the Work Proposed.....	27
4.2. WP 1: Theory and conceptualisation	28
4.3. WP 2: Application of the concept of polycentrism.....	30
4.4. WP 3: Indicators of polycentric development	31
4.5. WP 4: Typologies and Maps of polycentrism	32
4.6. WP 5: Governance Relationships	34
4.7. WP 6: Policy orientations and recommendations	35
5. PROPOSED TIME TABLE	37
6. FINANCIAL PROPOSAL	41
6.1 Total Cost.....	41
6.2 Breakdown of Costs by Work Package.....	41
6.3 Breakdown of Costs by National areas of responsibility	42
6.4 Breakdown of Costs by Partner.....	43
7. ANNEXES TO THE TENDER	45
Annex 1. Legal Constitution and Financial Statement for Lead Partner	47
Annex 2. Letter of intent.....	55

Annex 3. CV Nordregio	57
Annex 4: CVs of team members from Nordregio.....	65
Annex 5: CVs of Project Team members.....	71
Annex 6: Legal and fiscal identification of the the subcontractors	85
Annex 7: Letters of commitment of subcontractors	89

1. GENERAL INFORMATION

1.1 Identification of the Tenderer

The transnational group put together for this project consists of one Lead Partner, four main partners and six consultative partners. The lead and main partners are the main participants in the project, contributing to all seven of the project's work packages. Consultative partners will be used as thematic or regional experts throughout the duration of the project, each contributing to one or two working packages.

Two of the partners are National Contact Points: CNRS-UMR for France and the Danish Forest and Landscape Research institute for Denmark.

Lead Partner	NORDREGIO, Hallgeir Aalbu
Main partners	The Danish Forest and Landscape Research institute, Niels Boje Groth (Management partner) Delft University of Technology/ OTB Research Institute for Housing, Urban and Mobility Studies, Wil Zonneveld CNRS-UMR Géographie-cités (Centre National de la Recherche Scientifique), Nadine Cattan The Centre for Urban Development and Environmental Management, Leeds Metropolitan University, Simin Davoudi
Consultative partners	The Austrian Institute for Regional Studies and Spatial Planning, Friedrich Schindegger Spiekermann & Wegener, Urban and Regional Research (S&W), Dortmund, Klaus Spiekermann and Michael Wegener Dipartimento Interateneo Territorio, Politecnico e Università di Torino, Sergio Conti & Giuseppe Dematties Quaternaire Portugal, António Figueiredo The Department of Urban and Regional Planning at the National Technical University of Athens, Minas Angelidis and Louis Wassenhoven .

The tenderer is:

Nordregio
Holmamiralens väg 10
Box 1658
SE - 111 86 Stockholm,
Sweden

Tel: +46-8-463 5400
Fax: +46-8-463 5401
E-mail: nordregio@nordregio.se
Website: www.nordregio.se

1.2 Contact person

Director Hallgeir Aalbu

Tel: +46-8-463 5440 or +46-70-687 5881

E-mail: hallgeir.aalbu@nordregio.se

1.3 Legal status and financial capacity

Nordregio is an independent centre for research, documentation and dissemination on questions related to spatial planning and regional development. The Nordic Council of Ministers established the institute in July 1997 on behalf of the governments of Denmark, Finland, Iceland, Norway and Sweden. Nordic institutions are registered in the country of domicile. Nordregio is registered in Sweden as a *non-profit, public corporation*.

The VAT number is SE 262 000 159001.

Nordregio's annual reports for 1999 and 2000 are attached to this tender. Financial statements are included, showing a total income of SEK 18.3 mill. (€ 1.9 mill.) for 1998, SEK 21.9 mill. (€ 2.3 mill.) for 1999, SEK 27.2 mill. (€ 2.9 mill.) for 2000, and SEK 33 mill (€3,6 mill.) for 2001.

Statements from the Swedish tax authorities regarding the registration of Nordregio and confirmation of taxes paid are attached (Annex 1).

1.4 Account details

Name of Bank:	Nordea
Bank address:	Box 7963, SE-10386 Stockholm, Sweden
Bank identification code:	502010-5523
Bank SWIFT code:	NBBKSESS
Name of Account Holder:	NORDREGIO
Account Number:	3001 17 01 595

1.5 Name of person authorised to sign contract

Mr. Hallgeir Aalbu, Director

2. SPECIFIC INFORMATION

2.1 Expertise of the Tenderer

The contract would be undertaken by a well-qualified, experienced team of experts. For this research study, the team offers:

- an established international track record of comparative regional policy research and the use of socio-economic data;
- in depth experience working with statistical sources, both in EU-countries and in candidate countries, and more specifically with data related to the functions and patterns of urban areas.
- cutting edge experience with regard to geographic data treatment and network analyses.

Letters of intent and a declaration of the lack of conflicting interests for partners in the consortium are attached in Annex 2.

2.2 The Main Partners

Nordregio – the Nordic Centre for Spatial Development

Nordregio was established in 1997 as a result of the consolidation of three older Nordic institutions: *NordREFO* (The Nordic Institute for Regional Policy Research, established 1967), *Nordplan* (The Nordic Institute for Studies in Urban and Regional Planning, established 1968), and *NOGRAN* (The Nordic Group for Regional Analysis, established 1979). The legacy bequeathed by these institutions includes a multitude of links to a widespread network of researchers and civil servants across the Nordic countries, as well as to other European countries. Moreover, this is something that has been nurtured and further developed by Nordregio. The legacy also includes a spatial development journal, *the Journal of Nordregio*, a research library, and unique databases on regional development.

Nordregio is an international research institute with 23 academic staff members (28 staff in total): citizens of 9 countries. Nordregio's core competencies can be clustered into three strategic strengths: Regional Development, Spatial Planning and Information Systems. Within the Nordic context Nordregio is probably the institution able to deliver the most comprehensive overview of European regional policies. The institute has worked on numerous evaluations of the Structural Funds, including evaluations of each of the Objective programmes, and with all Member States. Nordregio was the European co-ordinator of the Study Programme on European Spatial Planning (SPESP) and is the nucleus of the Nordic Network on Environmental Impact Assessment and Strategic Environmental Assessment. The institute has, therefore, proved its capacity in the management of large network-based international research projects.

Nordregio's hallmark, reflected in its international and multidisciplinary staff make-up, is that of a comprehensive approach to regional development. This includes viewing organisational and institutional developments and administrative transformations as broad policy issues, acknowledging their prerequisites and

consequences vis-à-vis the economic conditions, human resource development, labour markets and cultural and environmental heritage.

Further details on the structure, research, staff and publications of Nordregio are provided in Annex 3 and on our website www.nordregio.se.

Department of Urban and Regional Planning in The Danish Forest and Landscape Research Institute (DFLRI)

Niels Boje Groth (M.Sc, M.Art) is a senior researcher at the department of Urban and Regional Planning in The Danish Forest and Landscape Research Institute (DFLRI). The department carries out research and development, and disseminates research results to the sectors related to urban planning. The department currently employs 16 researchers with educational backgrounds in the technical as well as the social sciences, and it has gained experience within international spatial planning as co-ordinator of international research projects and by acting as the national centre for research networks for example with regard to the Interreg IIC project Urban Systems and Urban Networking in the Baltic Sea Region, SPESP, EIONET and ESPON.

The Danish Forest and Landscape Research Institute is the Danish national ESPON contact point, and will be responsible for the project's liaison with the ESPON Monitoring Committee.

OTB Research Institute for Housing, Urban and Mobility Studies

The OTB Research Institute for Housing, Urban and Mobility Studies is an independent research institute affiliated to Delft University of Technology. The Institute currently has around 80 employees, under the direction of Professor Hugo Priemus. More than a quarter of OTB's personnel have a PhD. OTB covers the full range of research activities, from problem-solving research to fundamental and theoretical research. Fields of interest include housing, urban renewal, spatial planning, land policy, the urban economy, urban development, infrastructure policy, and traffic and transport. OTB activities are geared towards policy development. Recent relevant OTB research projects include CORRIDESIGN – spatial organisation of mega-corridors, EURBANET Urban Networks in the North Western Metropolitan Area, DANTE – Designs to Avoid the Need to Travel in Europe; TERMINET – Towards a New Generation of Networks and Terminals for Multimodal Freight Transport. In addition to the projects, OTB has also been involved in numerous other national, regional and local projects concerning spatial planning and research networks including AESOP (Association of European Schools of Planning), NECTAR (Network for Communications and Transport Activities Research), ERSA (European Regional Science Association) and STELLA (Sustainable Transport in Europe and Links and Liaisons with America).

Dr. Wil Zonneveld is a senior researcher with practical experience of transnational spatial planning. He was a member of the team that co-ordinated the Study Programme on European Spatial Planning (SPESP), and has acted as a project leader on the CORRIDESIGN project.

CNRS-UMR Géographie-cités

CNRS-UMR Géographie-cités is a public research institute. The research undertaken in the institute combines theoretical and epistemological reflection as well as empirical analysis. The institute's research focus is on urban territorial dynamics related to transformations in living conditions, transport patterns and the organisation of production in both France and Europe. Research is generally comparative and the various territorial scales to which these transformations appear are systematically explored. The institute, in particular, explored the emergence of more complex spatial organizations i.e. the polycentric urban structure, at different geographical levels, showing the attenuation of the centre-periphery model and of the hierarchical structure of urban networks.

Dr. Nadine Cattan works as a researcher at the CNRS. She has experience e.g. from OECD Territorial Statistics and Indicators and SPESP. CNRS-UMS RIATE, of which she is Deputy Director, is the French ESPON Contact Point.

Centre for Urban Development and Environmental Management (CUDEM)

The Centre for Urban Development and Environmental Management (CUDEM) is led by Professor Simin Davoudi and includes a multidisciplinary team of specialists in areas including the UK and European spatial planning, urban and regional governance and sustainability and futures. CUDEM is based at Leeds Metropolitan University. CUDEM has developed a reputation for excellence in research and consultancy through successful participation in and completion of numerous projects such as SPESP, European Spatial Planning and Urban – Rural relationships – the UK Dimension, and the State of the UK Regions. In undertaking work on ESPON projects, CUDEM has agreed collaborative arrangements with Dr. John Stilwell who is Reader in Migration and Regional Development in School of Geography, at the University of Leeds. He is a leading expert in GIS and regional development.

Professor Simin Davoudi (B.Arch, M.Phil in Town and Country Planning, MRTPI) has extensive research experience particularly in the areas of UK and European spatial planning, Urban and regional policy and governance, and Environmental sustainability. Professor Davoudi has undertaken research for a range of national and international agencies including the European Commission and the UK Government's Department responsible for spatial planning (DTLR). She was a core member of the research team in the SPESP project leading the UK's input into the study of Territorial Differentiation and Polycentric Development, and was also a member of the management team for the ESPRID project (funded by the DTLR) providing a web-based system of data sets on spatial planning. Professor Davoudi is the contact person for one of the UK consortia involved in ESPON.

2.3 The Consultative Partners

Austrian Institute for Regional Studies and Spatial Planning (ÖIR)

The Austrian Institute for Regional Studies and Spatial Planning (ÖIR) is one of the leading European Regional Planning Development Institutes, founded in 1957 and with an annual turnover of around 5 million Euros. Currently it has 40 employees. Dr. **Friedrich Schindegger** is a senior expert in the ÖIR focusing on spatial planning and regional policy at the national and transnational levels. He has experience of both the CADSES and SPESP projects.

Spiekermann & Wegener, Urban and Regional Research (S&W)

Prof. Dr.-Ing. Michael Wegener and Dipl.-Ing. Klaus Spiekermann represent S&W from Dortmund, Germany. Prof. Dr.-Ing. Wegener is the Executive Director of Spatial Development and Planning Theory at the Institute of Spatial Planning at the University of Dortmund (IRPUD). Both have extensive experience leading and co-operating in large interdisciplinary research projects in the fields of urban and regional development, housing markets, transport and geographic information systems.

Dipartimento Interateneo Territorio, Politecnico di Torino

Prof. **Sergio Conti** and Prof. **Giuseppe Dematties** represent the Dipartimento Interateneo Territorio, Politecnico di Torino, and both have experience from e.g. research on the role of European cities, innovation and the internationalisation process, recent changes in the form of the European and Italian urbanisation process, and urban systems, territorial analysis of strategies and interventions foreseen in infrastructure in Europe, INTERREG II C CADSES and SPESP.

Quaternaire-Portugal

António Figueiredo is the Professor of Auxiliar Convidado da Faculdade de Economia do Porto, Administração Quaternaire-Portugal. His research interest covers spatial and urban planning and development, development policies, strategic urban and regional planning, the assessment of policies and programmes and urban systems and polycentric development.

Urban and Regional Planning of the National Technical University of Athens (NTUA)

Dr. **Minas Angelidis** is an Associate Professor and Director of the Department of Urban and Regional Planning at the National Technical University of Athens (NTUA). Dr. **Louis Wassenhoven** is a Professor in the Department of Urban and Regional Planning and Director of the Laboratory for Spatial Planning and Urban Development. Both have experience of spatial development and policy related research and consulting.

2.4. Professional expertise of project team

Professional expertise (Main Partners)

Institution	Type of expertise
Nordregio	Strategic planning, EU spatial planning, urban development indicators, urban and regional development, urban and regional policy, GIS, statistical and map-making competence
Danish Forest and Landscape Research Institute	Project management, strategic planning, EU spatial planning, urban systems, urban networking, policy analysis
OTB research Institute for Housing, Urban and Mobility studies	Strategic planning, EU spatial planning, urban developments, urban economy, polycentric urban development, urban theory, EU transport policy, environmental planning
CNRS-UMR Géographie-cités	Urban theory, strategic planning, statistical and map-making competence
Centre for Urban Development and Environmental Management, Leeds Metropolitan University	UK and European spatial planning and territorial development, multi-level governance, Polycentric development, TENS, EU transport policy, sustainable mobility and inter-modality, UK and European urban and regional development particularly in relation to EU Structural Fund initiatives. Migration and regional development, census interaction data.

Professional expertise (Consultative Partners)

Institution	Type of expertise
Austrian Institute for Regional Studies and Spatial Planning	Spatial planning at transnational level with specific focus upon CEC, regional policy at national and transnational level, transnational co-operations, esp. with CEC, EU policies, policy analysis, structural policies, regional innovation strategies, EU spatial development, Nature 2000, TENs, Strategic Environmental Assessment.
Spiekermann & Wegener, Urban and Regional research (S&W)	Transport, spatial development
Dipartimento Interateneo Territorio, Politecnico e Università di Torino	Regional and local development and competitiveness, industrial development policies, hierarchies and urban networks at different geographical scales, indicators of territorial development, urban systems, urban network policies, strategic planning, city and territorial marketing, spatial policies, governance of spatial development, local development policies
Quatenaire Portugal	Strategic urban planning, national urban systems analysis, urban and regional development policies, inter-regional cooperation issues, cultural policies, demographic and mobility issues, infrastructures and accessibility
Department of Urban and Regional Planning at the National Technical University of Athens	Urban and regional planning, economic, social and environmental urban development, GIS, statistics, urban-rural partnership, development in islands

Relevant projects over past three years

Institution	Project /date / amount / client
Danish Forest and Landscape Research Institute	SPESP: 1998-1999, Focal Point and main contributor of the Danish contribution to the EU SPESP project appointed by the Danish Ministry of Environment and Energy. Project sum: 87.250 EURO.
	USUN: 1999-2000, Co-ordinator of the Interreg IIC project “Urban Systems and Urban Networking in the Baltic Sea Region” on behalf of the CSD/BSR. Number of partners: 16, size of project group: 23; Project sum: 835.255 EURO.
	MECIBS: 2002-2005, Project co-ordinator on application for Interreg IIIB – PHARE and TACIS project on Medium Sized Cities in Dialogue around the Baltic Sea. Number of partners: currently signed in: 38 partners; Project sum: 2.940.748 EURO + TACIS and PHARE (TACIS and PHARE not yet finally settled).
OTB research Institute for Housing, Urban and Mobility studies	INTERREG IIC-project CORRIDESIGN (lead partner); eligible expenditure for OTB € 780.000; idem whole project € 1.580.000; periode 2000-2001; NWMA secretariat
	INTERREG IIC-project EURBANET (lead partners) eligible expenditure for OTB € 837.988; idem whole project € 1.347.421; periode 2000-2001; NWMA secretariat
	‘Spatial developments and policies in polycentric urban configurations in NW-Europe’, € 194.400; periode 1998-2003; NWO (Netherlands Organization for Scientific Research)
CNRS-UMR Géographie-cités	Contracts with French and European public administrations: Ministry of equipment and transport, 2002-2004, 35 000 euro
	Project on “New towns and polycentrism in Ile-de-France region” Ministry of equipment and transport, 2001-2003, 46 500 euro.
	Project on “Mobility, urban forms and sectoral polarization” Ministry of Foreign Affairs – Programme Galileo, cooperation with Prof. G. Rabino and S. Occelli Polytecnico di Milano and IRES, 1999-2000, 5 000 euro.
	Project on “The reorganisation of territorial hierarchies in two metropolitan regions : Rhone-Alps and Piemont”

Institution	Project /date / amount / client
	1998-00 SPESP: Study Programme on European Spatial Planning, funded jointly by the European Commission DGXVI and the UK Government
Centre for Urban Development and Environmental Management, Leeds Metropolitan University	2000, Synthesis Report on European Spatial Planning and ESDP as part of the development of a postgraduate course in University College London, funded by the UK Govt (DTLR)
	2001-2006, Development and provision of a Census Interaction Data Service, funded by Economic and Social Research Council (ESRC): UK Govt Research Funds
	2000- 2001 Development of policy sensitive migration model, funded by UK Govt (DTLR)
	1999, Regional international migration and interregional migration in the EU, funded by CEC DGXVI and EUROSTAT
Austrian Institute for Regional Studies and Spatial Planning	“Polycentrism – a European concept for spatial development”; 04/2001-04/2002; Austrian Federal Chancellery “ OECD Background Report for the Vienna-Bratislava region” for the territorial Reviews at regional level: the metropolitan area of Vienna; 04/2002 – 09/2002; City of Vienna
Spiekermann & Wegener, Urban and Regional research (S&W)	EMACAI Group for European Metropolitan Areas Comparative Analysis (2001), IAURIF – Institut d'Aménagement et d'Urbanisme de la Région d'Ile-de France, Interreg IIc-Project of the European Commission, DG Regio (10,000 €). Integrated Transport and Land-Use-Modelling Approach to Analyse the Impact of Transport Policies in Selected Urban Areas (2001-2002), Joint Research Centre of the European Commission (10,880 €). IASON - Integrated Appraisal of Spatial Economic and Network Effects of Transport Investments and Policies (2001-2003), European Commission, 5th RTD Framework Programme (34,800 €). AsPIRE: Aspatial Peripherality, Innovation and the Rural Economy (2001-2004), European Commission, 5th RTD Framework Programme (58,000 €). ILUMASS: Integrated Land-Use Modelling and Transportation System Simulation (2001-2004). Bundesministerium für Bildung und Forschung (40,900 €).- European Accessibility and Peripherality: Concepts, Models and Indicators (2002). Nordregio (4,200 €).

Institution	Project /date / amount / client
Dipartimento Interateneo Territorio, Politecnico e Università di Torino	2001-2002: study on polycentrism for CRPM, 12,000 €, Ministry for Public Works of Italian Government
	2001: territorial benchmarking of the metropolitan area of Turin in its competitive European context, 12,915 €, 2001, Torino Internazionale (public-private development agency)
	2001: Territorial analysis of strategies and interventions foreseen in infrastructure, European Development document, with special attention to areas identified in the SSSE in order to award INTERREG III and Pilot Actions subsidies, 28,663 €, Ministry of Public Works
	2000: urban benchmarking of the city of Florence in its competitive European context, 2000, 7,230 €, Florence employers' association
	1999-2000: Study Programme on European Spatial Planning (SPESP), Item 2.2 Typology of cities and Task Force on Theme 2, 22,440 €, Presidency of the Council of Ministers of Italian Government
Quatenaire Portugal	2000- Participation in the study led by Territoires et Synergies (Strasbourg-Jacques Robert) and Netherlands Economics Institute on the Cost of non-coordination between structural and sectoral policies; DG Regio
	2000- Participation as a main expert on the elaboration of the Strategic Plan for the Cooperation between the North Region-Portugal and Galicia-Spain, Comissão de Coordenação da Região Norte (North Regional Planning Department)
	2000-Strategic Study on Interregional Cooperation in the Atlantic Area- CRPM-Forward Studies Unit for the Maritime Regions (team of experts)
	2000- Study on Portuguese Urban National System-Medium sized cities and territorial dynamics-Ministry of Environment and Spatial Planning, Lisbon, 3 volumes and an English Synthesis
	2001- Member of the team of experts working with DG V for Monitoring the Evaluation of European Employment Strategy
	2001-2002 – Participation in the Study on Polycentrism for CRPM regions - CRPM-Forward Studies Unit for the Maritime Regions (international team of experts)

Institution	Project /date / amount / client
Department of Urban and Regional Planning at the National Technical University of Athens	Research Program: "Strategic action plan for the development of small and medium size towns and of the surrounding countryside, especially in islands: 36.700, Greek Ministry for the Environment, Spatial Planning and Public Works. Date: 2000-2002.
	2001.- Prospects analysis of Maroussi on the horizon 2000 +, 35.200 Euros, Municipality of Maroussi
	1999-2001. Spatial Development Strategic Plan of Athens Metropolitan Region, 410.900 Euros, Organisation for Planning and Environmental Protection of Athens
	1999-2001 Development planning of Elliniko Airport (former Airport of Athens), 58.700 Euros, Organisation for Planning and Environmental Protection of Athens

Experience in projects elaborated in international consortia and networks

Institution	Experience
Nordregio	<p>Nordregio is active in the fields of regional policy, spatial planning and environmental assessment, at Nordic and European level. The focus of the work is on applied research, i.e. providing input to policy-making processes based on scientific research findings and knowledge.</p> <p>Regarding the tasks to be covered under ESPON, Nordregio can draw on experiences gathered in large variety of projects, such as the co-ordination of the Study Programme on European Spatial Planning (SPESP), various evaluations of Interreg Programmes (e.g. Interreg IIC CADSES, IIIB Baltic Sea or IIIB North Sea) and Structural Fund Programmes, as e.g. the assessment of the inclusion of EDSP and UFA elements in the recent programming period.</p> <p>Furthermore Nordregio has carried out research on various aspects of spatial development in Europe. Key projects are the VASAB 2010PLUS Study on the Baltic Sea Region yesterday, today and tomorrow, or the CPMR (Conference of Peripheral Maritime Regions of Europe) Study on the construction of a balanced and polycentric development model for the European territory.</p> <p>The work of Nordregio involves considerable efforts in the field of statistics, including being national contact point in the Urban Audit, the harmonisation of incompatible national and regional statistics, and production of maps on spatial development trends. This is illustrated in publications such as Regions of the Baltic States or Regional Development in the Nordic Countries 2002.</p> <p>The comprehensive field of competence involves close co-operation with a large variety of clients including the European Commission, the Nordic Council, national ministries in various European countries, regional and local authorities, as well as universities and consultancies all over Europe.</p>
Danish Forest and Landscape Research Institute	<p>SPESP: Project co-ordinator USUN: Project co-ordinator MECIBS:</p> <p>Project leader of the PHARE project: Spatial Planning for Sustainable Development in the Baltic Sea Region (part of Baltic 21) on behalf of CSD/BSR</p> <p>Project leader of the PHARE project: Spatial Impacts on Baltic 21 Goals and Actions on behalf of CSD/BSR.</p>

Institution	Experience
OTB research Institute for Housing, Urban and Mobility studies	<p>OTB was the lead partner of the INTERREG IIC projects EURBANET and CORRIDESIGN (see above) and TERMINET (European Commission FP4 programme; period 1997-2000)</p> <p>OTB participated in projects carried out by transnational consortia: BRITE-Euram project ‘Condition assessment and maintenance strategies for building and building components (period 1992-1996); DANTE: ‘Design to Avoid the Need to Travel in Europe’ (European Commission FP4 programme; period 1997-1998)</p>
CNRS-UMR Géographie-cités	<p>Contract with the European Commission: Archaeomedes Programme, in cooperation with the University of Cambridge</p> <p>Project on “Policy relevant models of the natural and anthropogenic of degradation and desertification and their spatio-temporal manifestation”.</p>
Centre for Urban Development and Environmental Management, Leeds Metropolitan University	<p>FP4 Cross-national study of the ‘social shaping’ of RTD and innovation in five partner European water management systems.</p> <p>Management team of ESPRIN: the European Spatial Planning Research Institute Network (EU DGXVI).</p> <p>Partner in FP4 Thematic Network BEQUEST: Building Environmental Quality Evaluation for Sustainability through Time, Concerted Action funded by the EU DGXII</p> <p>Council Member of the Association of European Schools of Planning (AESOP).</p> <p>Evaluator on the EU Framework 5 Research Programme Energy, Environment and Sustainable Development, and the EU Framework 5 Programme Sustainable Mobility and Inter-modality,</p> <p>Poland / East Germany: EEC DG XVI Ouverture Programme Advisor and Consultant, Baltic Gateways Project.</p> <p>Holland / Germany / Ireland:EEC DG16 ERDF Article 10 Programme Manager, European Transport and Economic Development Project. Green Links to Europe Project.</p> <p>Contacts with partners across Europe on internal migration and demographic projections, examples include project funded by DGXVI and EUROSTAT</p>

Institution	Experience
Austrian Institute for Regional Studies and Spatial Planning	<p>Experience in following international projects and networks</p> <p>ALSO DANUBE - Advanced logistic Solutions for River Danube</p> <p>REGIOLAB</p> <p>Involving Regions in the European Research Area Central European Countries - Employment and Labour Market Review, Vol 1, 2</p> <p>Assessment of the Regional Innovation and Technology Transfer Strategies and Infrastructures (RITTS)</p> <p>infoNET - Internet Informations System on spatial planning and regional development in the Alps</p> <p>Study Programme on European Spatial Planning</p> <p>Workshops in the framework of the study on "Regional and territorial aspects of development in the Danube Countries on the European Union"</p> <p>Urban Audit</p> <p>Vision Planet INTERREG IIC Project - incl. VISION PLANET conference Bratislava - 'Reviewing transnational spatial planning'</p> <p>EUDET - European Danube Transport Research</p> <p>Transnationale Raumentwicklung und Raumplanung in den Alpen (RegionAlp)</p> <p>Rural Income and Social Indicators in the OECD Member Countries - Households and Household Income</p> <p>T.E.M.I.S.I.A. Territorial Multimedia Information Systems on Industrial Areas</p> <p>EUREK (ESDP): Chapter on Enlargement Rural indicators in an international context</p>

Institution	Experience
Spiekermann & Wegener, Urban and Regional research (S&W)	<p>Regional Impacts of the Channel Tunnel Throughout European Regions (1990-1992), European Commission, DG XVI.</p> <p>European Urban System (1990-1992), European Commission, DG XVI.</p> <p>Time-Space Maps for Europe (1992-1994), NECTAR – Network for European Communications and Transport Research.</p> <p>Sustainability of spatial urban structures (1993-1999). German National Science Foundation.</p> <p>Accessibility and Regional Development in Europe (1994-1996), NECTAR – Network for European Communications and Transport Research.</p> <p>Visualisation of Rail Travel Times for Switzerland and Europe (1996-1999), Swiss Transport Museum.</p> <p>SPARTACUS - System for Planning and Research in Towns and Cities for Urban Sustainability (1996-1998), European Commission, 4th RTD Framework Programme.</p> <p>STREAMS - Strategic Transport Research for European Member States (1996-2000), European Commission, 4th RTD Framework Programme.</p> <p>SASI - Socio-Economic and Spatial Impacts of Transport Infrastructure Investments and Transport System Improvements (1996-2000), European Commission, 4th RTD Framework Programme.</p> <p>TRILAT - GIS-based Tools and GIS-based Models for Sustainable Transport Planning in Israel and Palestine (1997-2001), German National Science Foundation.</p> <p>Sustainable Mobility in Cities (1997-2002). German-Israeli Foundation.</p> <p>INTERNAT - Integrated Trans-European Network Assessment Techniques INTERNAT (1999-2000), European Commission, 4th RTD Framework Programme.</p> <p>SPESP – Study Programme on European Spatial Planning, Working Group 'Geographical Position' (1999-2000), European Commission, DG Regio.</p> <p>VASAB 2010+ - Visions and Strategies around the Baltic Sea Region (1999-2000), Committee for Spatial Development, Baltic Sea Region.</p> <p>Towards a European Peripherality Index (2000), European Commission, DG Regio.</p>

Institution	Experience
Dipartimento Interateneo Territorio, Politecnico e Università di Torino	Study Programme on European Spatial Planning (Espon), Item 2.2 Typology of cities and Task Force on Theme 2, 1999-2000
Quatenaire Portugal	<p>2000- Participation in the study led by Territoires et Synergies (Strasbourg-Jacques Robert) and Netherlands Economics Institute on the Cost of non-coordination between structural and sectoral policies; DG Regio</p> <p>2000- Participation as a main expert on the elaboration of the Strategic Plan for the Cooperation between the North Region-Portugal and Galicia-Spain, Comissão de Coordenação da Região Norte (North Regional Planning Department)</p> <p>2000-Strategic Study on Interregional Cooperation in the Atlantic Area-CRPM-Forward Studies Unit for the Maritime Regions (team of experts)</p> <p>2000- Study on Portuguese Urban National System-Medium sized cities and territorial dynamics-Ministry of Environment and Spatial Planning, Lisbon, 3 volumes and an English Synthesis</p> <p>2001- Member of the team of experts working with DG V for Monitoring the Evaluation of European Employment Strategy</p> <p>2001-2002 – Participation in the Study on Polycentrism for CRPM regions - CRPM-Forward Studies Unit for the Maritime Regions (international team of experts)</p>
Department of Urban and Regional Planning at the National Technical University of Athens	<p>The Laboratory of SPUD was a sub-contractor for a project of EU DG XVI, entitled "The Compendium of Spatial Planning Systems and Policies"</p> <p>Leading the Greek research team, which worked in a DG XII project, entitled "Sustainability through spatial Planning: An examination of the capacity of spatial planning systems in Europe to develop and implement policy for sustainability"</p>

2.5. Technical capacity of the Project team

Average annual staff members and the number of management staff over the past three years

Average annual staff members and management staff (3 yrs)

Institution	Staff members	Management staff
Nordregio	23	5
Danish Forest and Landscape Research Institute	130	6
OTB research Institute for Housing, Urban and Mobility studies	80	7
CNRS-UMR Géographie-cités	43	5
Centre for Urban Development and Environmental Management, Leeds Metropolitan University	20	4
Austrian Institute for Regional Studies and Spatial Planning	25	4
Spiekermann & Wegener, Urban and Regional research (S&W)	2	2
Dipartimento Interateneo Territorio, Politecnico e Università di Torino	7	7
Quatenaire Portugal	23	4
Department of Urban and Regional Planning at the National Technical University of Athens	15	4

Software possessed by Project Team

Type	Program	Version
Server	Windows	NT
Operating system	Windows	2000
Office	Microsoft Office (Word, Excel, excelstat, Powerpoint, Outlook)	2000
Statistics and data base	SAS	8.2
	SPSS	10.0
Design and illustration	Adobe Illustrator	V8
GIS	ArcView	3.2
	MapInfo	6.5
	AutoCad	14

Knowledge of languages

Institution	Languages	Level (writing/reading/speaking)
Nordregio	English	5 / 5 / 5
	German	5 / 5 / 5
	French	5 / 5 / 5
	Swedish	5 / 5 / 5
	Danish	5 / 5 / 5
	Finnish	5 / 5 / 5
	Norwegian	5 / 5 / 5
	Icelandic	5 / 5 / 5
	Russian	5 / 5 / 5
Danish Forest and Landscape Research Institute	English	5 / 5 / 5
	Danish	5 / 5 / 5
OTB research Institute for Housing, Urban and Mobility studies	English	5 / 5 / 5
	Dutch	5 / 5 / 5
	German	4 / 5 / 4
	French	3 / 5 / 3
	Italian	3 / 5 / 3
CNRS-UMR Géographie-cités	English	5 / 5 / 5
	French	5 / 5 / 5
	Spanish	5 / 5 / 5
	Swedish	5 / 5 / 5
Centre for Urban Development and Environmental Management, Leeds Metropolitan University	English	5 / 5 / 5
	Greek	5 / 5 / 5
	French	3 / 5 / 3
	Polish	4 / 5 / 4
	Italian	3 / 5 / 3
Austrian Institute for Regional Studies and Spatial Planning	English	5 / 5 / 5
	German	5 / 5 / 5
	French	5 / 5 / 5
	Italian	5 / 5 / 5
	Spanish	3 / 4 / 3
	Russian	3 / 4 / 3
	Croatian	3 / 4 / 3
	Slovak	2 / 3 / 2
	Slovenian	3 / 5 / 4
Czech	4 / 5 / 4	
Spiekermann & Wegener, Urban and Regional research (S&W)	English	5 / 5 / 5
	French	2 / 3 / 2
	German	5 / 5 / 5
Dipartimento Interateneo Territorio, Politecnico e Università di Torino	English	5 / 5 / 5
	French	5 / 5 / 5
	Italian	5 / 5 / 5
Quatenaire Portugal	English	4 / 5 / 3
	Portuguese	5 / 5 / 5
	Spanish	4 / 5 / 4
Department of Urban and Regional Planning at the National Technical University of Athens	English	5 / 5 / 5
	French	5 / 5 / 5
	German	5 / 5 / 5
	Greek	5 / 5 / 5

3. TECHNICAL ORGANISATION

3.1 Location, Working Conditions and Software

The work will be done on the premises of the partners, all of whom have modern facilities and the relevant data capacity and software available for the project.

All reports will be written in Word 97. Tables and graphics will be prepared using Excel 97 in a Windows 98 environment. Geographical information will be formatted as ARC/INFO coverage data, compatible with the Eurostat-GISCO database. Reports and maps will be delivered as separate files on a CD-ROM.

3.2 Liaison with the ESPON Secretariat and ESPON 3.1.

Nordregio will keep the ESPON Secretariat and ESPON 3.1. fully informed concerning the progress of the programme by presenting updates at regular intervals. Three meetings with the Commission Services are planned. Furthermore, the liaison with the ESPON Secretariat and ESPON 3.1. is assured by the facilities of modern communication.

The Danish Forest and Landscape Research Institute will, as the Danish national ESPON contact point, be responsible for the project's liaison with the ESPON Monitoring Committee.

3.3 Financial Organisation

Nordregio is financially responsible for the contract. Other partners will be sub-contracted by Nordregio.

3.4 Project Organisation

The Project team is organised in terms of three elements each with different responsibilities:

- As *Lead Partner*, Nordregio is assisted by the Danish Forest and Landscape Research Institute, which as *Management Partner* will contribute to the coordination tasks and final reporting.
- The *Main Partners* are responsible for specific Work Packages,
- The *Consultative partners* will provide additional national or thematic expertise.

Both the *Main Partners* and the *Consultative Partners* are responsible for data collection and analysis of the specific national and regional contexts for polycentric urban development.

The Project team possesses expert knowledge of all of the geographic areas covered by the contract. An analysis of the European urban network must take into account the present EU Member States as well as the neighbouring urban networks of the

Accession countries and the EFTA countries. Specific partners are therefore in charge of gathering general information and data about the urban networks and planning policies in each of the these countries (see tables below). These partners can refer to extensive previous experience working with issues related to the countries concerned.

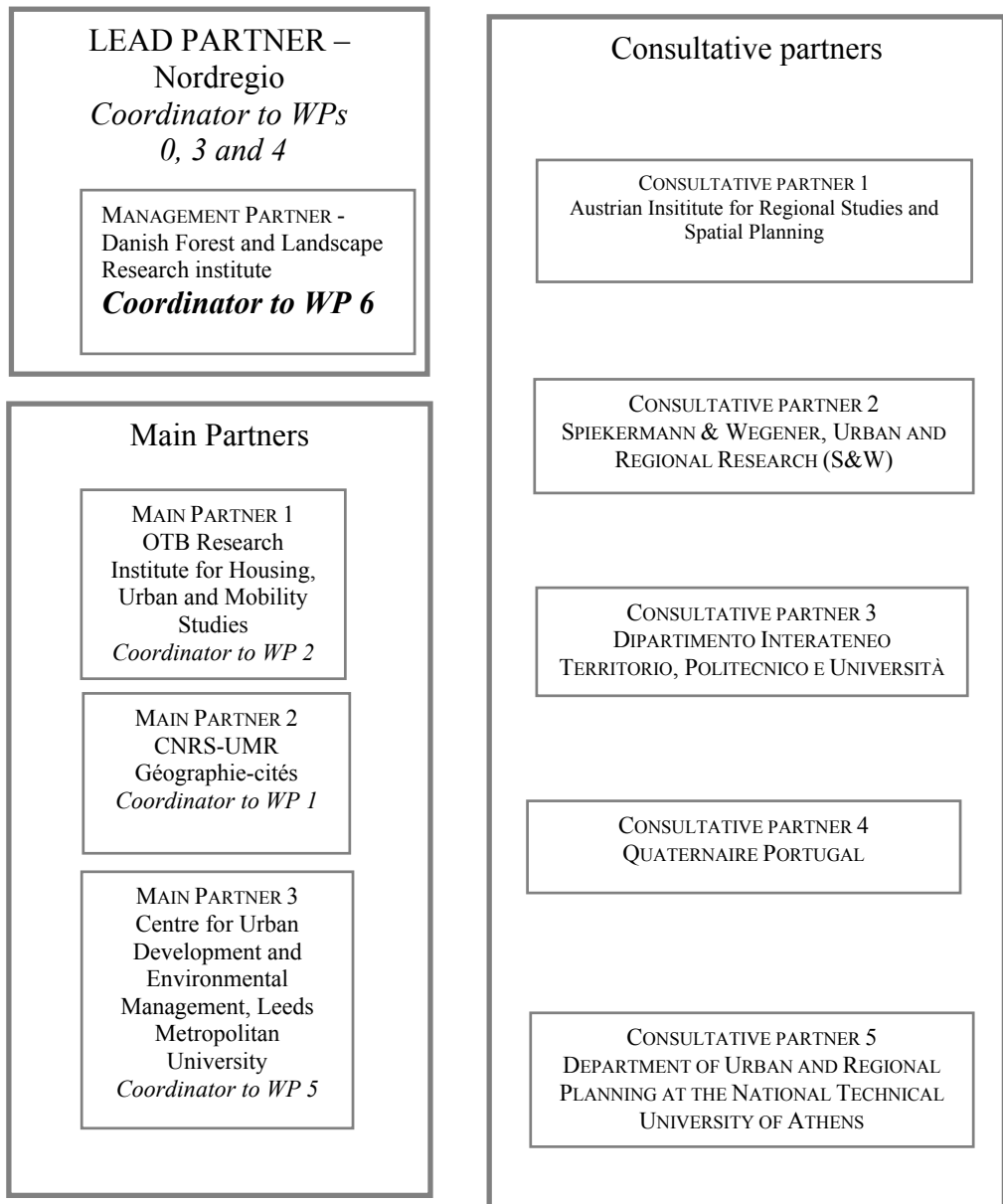
National areas of responsibility (EU-countries):

Partner	Countries covered
Nordregio	Finland, Sweden
Danish Forest and Landscape Research Institute	Denmark
OTB research Institute for Housing, Urban and Mobility studies	The Netherlands, Belgium, Luxembourg, Germany
CNRS-UMR Géographie-cités	France
Centre for Urban Development and Environmental Management, Leeds Metropolitan University	UK, Ireland
Austrian Institute for Regional Studies and Spatial Planning	Austria
Dipartimento Interateneo Territorio, Politecnico e Università di Torino	Italy
Quaternaire Portugal	Portugal, Spain
Department of Urban and Regional Planning at the National Technical University of Athens	Greece

National areas of responsibility (accession countries and EFTA countries):

Partner	Countries covered
Nordregio	Estonia, Latvia, Lithuania, Poland, Norway, Iceland
Austrian Institute for Regional Studies and Spatial Planning	Bulgaria, Czech Republic, Hungary, Romania, Slovakia, Slovenia, Switzerland
Department of Urban and Regional Planning at the National Technical University of Athens	Cyprus, Malta

3.5 Global Project Organisation



PARTNER'S ROLES

LEAD / MANAGEMENT PARTNER:
 MAIN PARTNERS:

CONSULTATIVE PARTNER:

OPERATIONAL AND CONTENT RESPONSIBILITIES
 WP COORDINATORS (RESPONSIBILITY FOR WORK PACKAGES), NATIONAL EXPERTS (E.G. DATA GATHERING), COMMENTING THEMATIC ISSUES ACCORDING TO THEIR EXPERTISE
 NATIONAL EXPERTS (E.G. DATA GATHERING), COMMENTING THEMATIC ISSUES ACCORDING TO THEIR EXPERTISE

4. PROPOSAL OF SERVICES

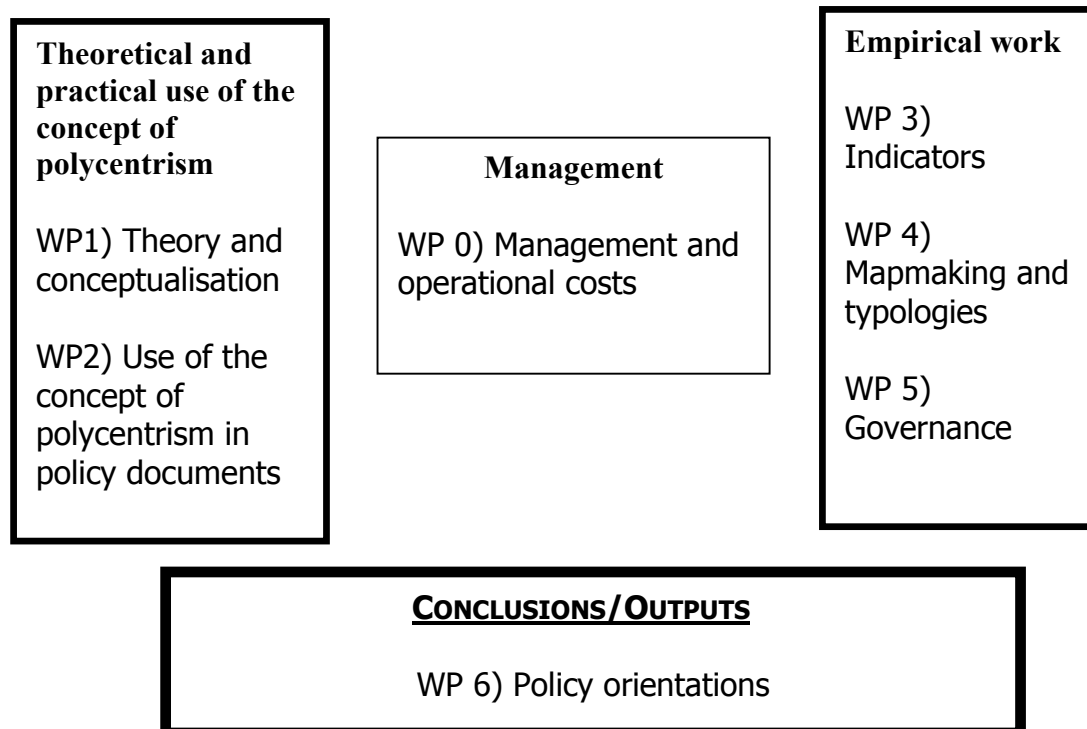
4.1 Overall Organisation of the Work Proposed

The project is divided into six Work packages.

The six Work packages encompass distinct and complementary approaches to polycentrism. While WP's 1 and 2 take a more theoretical stance, WP's 3, 4 and 5 are clearly of an empirical nature. As shown by the timetable these Work packages *do not* simply follow on from one another in a successive fashion. Rather they are designed to run *in parallel* with each other, and thus to provide mutual feedback throughout the project.

We propose to arrange five workshops in the course of the project. The major purpose of these workshops / project meetings is thus to fruitfully stimulate these expected exchanges of information.

Work package organisation



WP 1 addresses the methodological and conceptual issues, showing that polycentrism is related both to morphology (urban shape) and functional structures (urban networks). WP 2 on the other hand analyses polycentrism as a notion in policy documents. Together, these Work packages explore the driving forces behind polycentrism, whether they are spatial or political.

Work packages 3 and 4 are grounded rather more in empirical work, and in particular with data on urban structures and flows. WP 3 concentrates on the definition of indicators of polycentric development and on the construction of a corresponding urban database. The aim of WP 4 is to define different types of polycentric urban structures, and to construct maps reflecting these organisations.

The topic of WP 5 is Governance, i.e. the study of polycentric institutional and partnership arrangements linked to polycentric urban developments. As such, it is closely related to Work packages 1 and 2, as these arrangements can emerge either as a response to new spatial structures, or as part of a spatially pro-active political project, attempting to create new urban structures.

WP 6 will endeavour to synthesise the results of the previous Work packages with a view to producing policy orientations.

As shown by the figure above, the project also comprises a WP 0, which concerns the general management of the project.

4.2. WP 1: Theory and conceptualisation

Polycentrism is a concept that refers to differentiated mechanisms and strategies of development according to territorial scale and to the definition taken into account. Although the concept is not new, it has never been adequately defined. As such it remains confused and ambiguous. To define this concept is one of the major challenges of the ESPON programme. From a methodological and empirical point of view, it allows for a better identification of territorial indicators and tools, both of which are essential elements in the evaluation of current and future trends with regard to the organization of the European space. From an operational point of view, it is the best way to ensure the better determination of spatial planning strategies and development policies targeted at spatial cohesion.

Regional embedded polycentrism

The project proposes to carry out a significant work of clarification with regard to the concept of polycentrism. Focus will be on conceptualisation of non-hierarchical regional urban system characterised by a functional division of labour between centres . Additional notions such as Euro-corridors, global integration zones, gateway cities, urban functional regions and urban clusters relevant to territorial cohesion and spatial integration will be outlined.

Specialised functional urban networks

Polycentrism shouldn't be analysed only by its morphological dimension and regional nesting. Closely related to polycentrism within regions are the transregional and transnational networks and flows developed between the urban nodes. The

specialised urban networks – e.g. the financial networks, the aeronautic industry networks and the scientific networks - defined by a logic of material or immaterial production, are the most capable vectors to diversify the forms of urban networking and to carry out a spatial organisation of cities towards a less polarised and less hierarchical articulation.

Up till now, the analysis of these networks and their organisation is very incompletely carried out. The project suggests to point out the specialised urban networks at national and European levels in order to better understand their structuring and their dynamics.

European Integrated Model of Urban Networking

These two dimensions of urban networking are the main operational expressions of polycentrism. However, on the basis of the functional organisation of urban areas and networks at the European scale, few other expressions of networking are shaping the integration of urban networks : a) The European centre-periphery model , b) The national and regional urban systems , c) The capitals networks, d) The specialised urban networks¹. In order to better define the processes that are shaping the European spatial system and that contribute to its spatial cohesion, further developments are proposed in this working package towards mainly a comprehensive understanding of the impacts and the effects of the integration of the applicant countries in that system of networking and consequently towards a development of a general model of European urban networking that underlines and point out the various forces that maintain and enhance the cohesion of the European urban spatial structure. In conclusion, a number of scenarios relating to future trends and processes in the integration of the European urban system are proposed.

The method of research will consist of an analysis of research literature carried out in two steps: 1) a comprehensive digest of the present state polycentrism and functional networking and 2) a conceptualisation of the an European Integrated Model of Urban Networking by merging theories of space (regional nested polycentrism) and flows (specialised transregional and transnational functional networking).

Outputs - Deliverables

A critical dictionary of polycentrism (in cooperation with 3.1)

- Overview of concepts
- Critical analysis of the concept of polycentrism and its scientific usages
- Comprehensive definition of polycentrism and of the major concepts and expressions linked to it.

European Integrated Model of Urban Networking

- Model and theory of the functioning of the EIMUN
- Main expressions and synthetic diagrams of the EIMUN

¹ For a more detailed analysis see Cattani, Saint-Julien 1998 *Modèles d'intégration spatiale et réseau des villes en Europe occidentale*, in *L'espace géographique*, n°1

4.3. WP 2: Application of the concept of polycentrism

Since the introduction of the European Spatial Development Perspective the concept of polycentrism has been used in strategic (spatial) planning at various levels and/or scales. This application will be investigated by 1) compiling the various planning strategies and documents; 2) analysing the types of polycentrism pursued; 3) analysing the instruments and other means (such as efforts towards capacity building) used to implement the concept of polycentrism.

Aims and objectives

This work package aims to determine if, and how, the ESDP concept of polycentricity is applied and whether policy strategies are put in place that support the polycentric functioning of the European spatial system. The various appropriate levels or scales will be addressed:

- National and (if relevant) the sub-national level
- Cross-border level
- Transnational level

In particular attention will be paid to the question of whether and how co-operation and networking between cities – especially in trans-border networks and on the transnational scale – is undertaken, and if particular instruments and policy arrangements are being introduced or proposed. The question to be answered here is thus whether territorial diversity within Europe is reflected in the (likely) diversity of the application of the ESDP-concept of polycentricity. The hypothesis here is that the polycentricity concept cannot, and should not, be elaborated in a uniform way, but will (have to) differ according to territorial circumstances (such as geographical location, characteristics of the urban system etc) and policy goals.

The method of research will consist of an analysis of strategic planning documents and of the secondary literature. Research will be carried out in two steps: 1) a comprehensive scan of the present state of the art of strategic – spatial – planning; 2) a more in depth analysis of examples evenly distributed across Europe according to territorial criteria such as a) location in the European 'pentagon'; b) peripheral location; c) location in the CEE-countries; d) location in structurally weak (macro-)regions.

Output – Deliverables

Work package 2 will contribute to the completion of the other work packages in various ways:

- The numerous ways in which the concept of polycentricity is applied will be used to develop policy relevant indicators and typologies (work package 3 and 4 respectively).
- Work package 2 will also serve as a filter for selecting important cases that will be further elaborated upon in work package 5, where concrete governance 'on the ground' will be investigated.

This work package will also directly feed into proposals for new policy orientations and will help in particular to contribute to the further operationalization and territorial diversification of the policy aims and options adopted in the ESDP, including an adaptation to the territorial diversity within Europe (work package 5).

4.4. WP 3: Indicators of polycentric development

The main task of this work package is to develop territorial indicators based on existing data and to propose new territorial indicators of polycentrism and further data needed for such indicators.

The work is going to be based upon existing data sets as developed within the frameworks of the Urban Audit, the CPMR study on polycentrism, SPESP, Interreg programs and OECD. Members of Nordregio's consortium have been key players and members in all of these projects. In addition, the Lead Partner has carried out national analysis such as Urban Network Study in Finland. Experiences and results from these projects are the starting point for work in this work package.

The quality of data varies widely between EU-countries, not to mention the candidate and neighbouring countries. A quality control system (in form of a Situation Report in all EU-, candidate- and neighbouring countries) is going to be developed to ensure data comparability.

Indicators can be derived from above mentioned projects, e.g. demography (population, migration), competitiveness (competence basis, R&D-expenditure) and economic attractiveness (location of TOP500 company headquarters). Special attention will be paid to the identification of the most appropriate transport and accessibility indicators to assess the international urban hierarchy, to differentiate the urban system within urban regions, to assess relevant supply of transport and communication infrastructure of cities, the implementation of an accessibility model that would calculate relevant indicators developed in for NUTS 5 regions in selected European urban regions.

The basic idea is to describe, on the one hand, the structure of and flows within urban networks in Europe (EU+15 + candidate countries + neighbouring countries) and, on the other hand, changes in the position in urban networks. Database will be developed together with priority 3.1.

Data sources: Eurostat, the EEA, National Statistical Institutes, consortium's own databases, regional data sources

Statistics

Urban Audit, OECD, CPMR study on polycentrism

Outputs / Deliverables

- Presentation of the territorial indicators linked to the concepts of polycentrism as outlined in WP1
- Presentation of the database covering as far as possible an enlarged EU and neighbouring countries
- Recommendations on future development of indicators and data-requests

4.5. WP 4: Typologies and Maps of polycentrism

Traditional mapping methods are not necessarily adapted to polycentric spatial patterns, especially when isolating an urban entity from neighbouring ones functionally or spatially becomes difficult. Multiple intersecting polarisations and superimposed networks makes it increasingly difficult to summarise urban processes through graphical presentations.

Solutions to these problems can be sought through interactive mapping methods, which make it possible to simultaneously present processes at different scales, with different reference areas, etc. But more important, cartography has to adapt to an increasing variety of spatial configurations, creating innovative solutions on a case to case basis. The issues of mapping and typology are therefore intrinsically linked.

Typologies of regional polycentrism

The aim is to identify functionally significant urban regions. Using statistical criteria, this is accomplished by grading the significance of regions at the national level and by studying their functional specialisation. Lead partner has tested method in Finland in the context of the Urban Network Study 1998 and 2001. The typologisation would seek to deliver information on the structure of the urban network in each country, and the roles of cities/regions in each national system. After the roles of urban regions are defined in the national context, a comparative typology is attempted for the European level in respect to regions' various roles at the national level. By using this method, the problems of scale in typology are easier to tackle.

Envisaging multiple geographical levels of analysis (NUTS 2 – NUTS5), and assessing their significance defining functional urban regions is essential in this respect.

Typologies of specialised functional networks

As stressed in WP1, the concept of specialised functional networks is highly relevant for spatial cohesion and integration. Thus, typologies of specialised networks should be developed, embracing different kinds of urban and regional functions and different levels (transregional and transnational).

As an example, the localisation of economic networks (industrial relationships and cooperative efforts between firms, productive systems etc) allows us to identify the cities that are in relation and to qualify the types of flows that link these cities together. Furthermore, other types of networks such as those of scientific networking can also be taken into account. Student migration (i.e. within the context of the ERASMUS programme), as well as more general cooperation between Universities are also relevant indicators for measuring and evaluating such urban interactions. The analysis of such networks leads to knowledge on whether such networks strengthen the European core area and whether they contribute to the existence of a better equilibrium in the European spatial structure, the better integration of the peripheral regions, and a more functional polycentric organisation.

Mapping

The mapping exercise is intimately linked to the indicators and typologies developed. It will be organised in close cooperation with ESPON 3.1. Finally, it should take into account findings of WP 2 with regards to current cartographical representations of polycentrism in policy documents.

Output – Deliverables

- SWOT analyses based on the characteristics of polycentric regions and their network context (EU15 + candidate countries + neighbouring countries)
- Methodology to analyse the functioning of the specialised urban network
- Typology of specialised urban networks
- Thematic study on the relations between the European urban systems and high-level transport infrastructure and on the internal differentiation of urban regions:
 - 1) the relation of the urban system to European transport infrastructure, i.e. to TEN,
 - 2) the internal differentiation and development of urban regions with respect to transport infrastructure. The development and implementation of a methodology to test the hypothesis that higher order cities are extending their spheres of influence to embrace complex polycentric urban regions and to study how these impacts differ between EU countries and different types of urban system identified.
- Map-making methods to measure and display the state, trends and impacts of polycentric development. European maps related to polycentrism.
- Maps of various polycentric scenarios that could occur according to some comprehensive initial hypothesis (in cooperation with the Atlas proposed in 3.1)
- Concrete ideas to implement specialised networking and cooperation between urban areas at national and European scales

4.6. WP 5: Governance Relationships

This Work Package examines the extent to which the existing and changing governance relationships reflect and capture the functional complexity of polycentrism in Europe at various scales. It builds on the findings of WP2 and provides inputs in WP6 with regard to partnership building and power sharing in governance relationships.

The Context

Urban governance frameworks are changing as a result of globalisation and socio-economic restructuring across Europe. To promote economic competitiveness of the European polycentric urban regions there is a need for both ‘hard’ (including for example an efficient transport and telecommunication network between and within the regions) and ‘soft’ infrastructure (including in particular an effective institutional network). Existence of effective governance relationships is an important prerequisite for developing and sustaining the economically, socially and environmentally balanced regions across Europe. The institutional structure and the nature of mechanisms for decision-making, co-operation and power partitioning can significantly influence the direction of a balanced European territory and the successful implementation of policy options. The ESDP emphasises the need for building up co-operations and partnerships between towns and cities and their surrounding rural areas to enable the development of sustainable polycentric territories. Whilst industry, businesses and households operate on the basis of functionally defined areas particularly in polycentric urban areas, governance institutions are often organised and operate on the basis of administratively defined areas such as communes, municipalities, boroughs or Kreise.

This work package will build on and complement the findings of WP2 by focusing on empirical and practice-based aspects of governance relationships at various scales of polycentrism. Within each national context, there is a need for effective harmonisation and co-ordination of the operation of these institutions in order to develop their capacity for capturing the opportunities that are embedded in and arise from polycentric development of the European regions.

Aims and objectives

Map the geographical reach, powers and influences of governance institutions as well as their formal and informal relationships, power partitioning and co-operation at different territorial scales and for various typologies of polycentrism which will be examined in the project under WP4.

Identify barriers and opportunities for building effective partnerships

- Identify and analyse innovative institutional and partnership arrangements which are successful in responding to the dynamics of the complex relationships in polycentric urban areas
- Develop models of partnerships for different territorial scales
- Build upon and complement WP2 and provide inputs in policy recommendations (WP6) concerning the influence of governance relationships in different types of polycentrism.

Approach to undertaking this Work Package

A combination of the following methodologies will be adopted:

- literature review including both academic and policy documents as well as relevant project reports
- selected interviews with key people at EU and national level

An expert workshop with professionals and practitioners will be held to test the models of governance relationships at various scales

Links with other relevant projects

This work requires liaison with other relevant projects notably ESPON projects under action 1.1.2, and 2.3, INTERREG IIC and IIIB, Objectives 1 and 2 projects under Structural Funds as well as the work of OECD's Working Party on Territorial Policy.

This work will also provide inputs for the achievement of the ESPON horizontal projects under priority 3 by providing models of territorial governance

Output – Deliverables

- A statement of identified indicators of effective territorial governance
- Models of partnership relations for different territorial scales A compendium of good practice in territorial decision-making
- Conference presentations and journal articles

4.7. WP 6: Policy orientations and recommendations

This work package provides recommendations and optional strategies for a balanced territorial development across Europe by drawing on the findings of WP1 – WP5. .

Strategic focus

From a strategic rather than purely scientific point of view the following principles will be taken as points of departure:

- Polycentrism will be considered primarily as a concept for operationalising spatial cohesion policies, rather than as a pure scientific concept. Therefore, this workpackage will provide policy recommendations which focus on options for enhancing polycentric urban systems within the European regions that are characterised by **non-hierarchical co-operation** and **functional division of labour** between cities.
- Outside the national and European core regions and particularly regarding the second layer of cities, the focus will be on policy recommendations for specialised functional networking and the development of transnational links.
- As an **operational input to the European debate and policies on territorial cohesion** a dual conception of regions will be introduced: (1) “potential what do you mean by optional) polycentric regions” characterised by urban systems above a certain threshold of functional and institutional endowments and (2) “structurally weak regions” with weak potentials for polycentric development. Further, spatial impacts of functional networking and sector policies will also be taken into account. .
- In carrying out policies on polycentric development each of two perspectives are relevant as follows. On national and EU-level the top-down perspective is relevant

for changing regional and sector policy measures. On local level a bottom-up perspective is relevant for further development of urban and regional governance involving public and private stakeholders.

The concept of polycentrism stresses current functional characteristics of urban systems. However, due considerations will be paid to the variety of economic, cultural and political backgrounds within the EU-territory.

Output – Deliverables

Core parameters of “**potential polycentric regions**” and **strategic functional networks**, based on the “European Integrated Model for Urban Networking” (WP1), the applied types of polycentrism (WP2) and the operational definition of polycentrism (WP3) will be identified.

Based on the analysis of application of the concept (WP2) **key policy measures** will be suggested at each of the three levels: European, National and Local specifying the interplay between functionally and administratively defined networking (WP5), including:

- A **two-tier model for EU regional policy** and **National regional policies** embracing one tier of endogenous development of polycentric regions and one tier of exogenous development of non-polycentric regions. At EU-level, concrete policy recommendations concerning the potential changes to **structural funds**, infrastructure and **sector policies** will be proposed .
- Based on WP5, key policy measures at **local level** of urban and regional governance enhancing polycentric development will be proposed. .
- Based on WP4, a classification of **European potential polycentric regions** will be presented by indicators and maps (EU 15 + candidate countries). Prospects / scenarios of polycentric regions and functional networking will be examined taking into consideration the current development **trends**, driven by globalisation processes as well as the regional disparities within the EU-territory.

5. PROPOSED TIME TABLE

The six Work Packages of the study will be carried out in four phases, as illustrated in the figure below. Five project meetings / workshops are planned to take place during the course of the work, the first at the start of the project while the others will be scheduled to coincide with the end of each phase as appropriate.

The four Phases correspond to the delivery of the three interim reports (September 2002, February 2003, August 2003) and the Final Report in August 2004. The project has been organised so that the third interim Report shall provide a satisfactory overview of issues related to urban areas as nodes of polycentric development.

In Phase 1, the aim is to improve our methodological options, to confront the issue of data availability, and to integrate our research strategy with that of the other project teams, and more particularly with ESPON 3.1.

Phase 2 uses these results for the purposes of practical research, establishing a database and producing the first maps. This phase will also be used for possible methodological adjustments.

In Phase 3, a comprehensive European analysis will be prepared, with corresponding policy orientations.

Phase 4 allows for more in depth analyses, preparing the database for multiple future uses and updates, creating interactive mapping applications in cooperation with ESPON 3.1 and producing concrete ideas for policy responses.

Indeed, the project must ensure that the methodologies used and tools developed can be used for continuous updates on polycentrism after the end of the programme period. The best guarantee of the reliable functionality of a computer application or GIS database is a long period of testing and continuous developer support; these are not however available for relatively short projects such as this. Significant attention must therefore be given to the fourth and final phase of the project, which should be used for testing (and correction) of the functionality of the GIS model, as additional data is incorporated and adjusted statistical sets are generated.

5.1 Phase 1

Phase 1 is characterised by a very short period time span (3 months), in which the project team must integrate the global ESPON process and produce a first interim report.

At the start of the project, we propose a meeting with the ESPON secretariat and ESPON 3.1 project team to discuss the work, including the methodology, expectations and possible results. Thereafter the work will start on all parts of the study. The main objective of this Phase is the creation of a firm methodological and conceptual base.

The tasks are:

- Production of common working definitions of polycentrism and of polycentricity related concepts.
- Precise identification of the methodological challenges in the study of polycentricity.
- Estimation of needs regarding data from European sources.
- Estimation of needs regarding data from national sources.
- Information on national policies linked to polycentric urban development.
- Information on policies implemented by the EU with an impact on polycentrism in urban development.
- Literature reviews of academic and policy documents.

This phase also comprises a second meeting, to make sure that there is common understanding and agreement on working methods and research strategies. Exact tasks for each of the partners with national areas of responsibility will be defined at the end of this phase.

5.2 Phase 2

Having developed adequate methodological tools, and having defined the central concepts, Phase 2 will concentrate on data collection, database models, the development of mapping tools, and on typologies.

The tasks of phase 2 are:

- Collection of data from European sources.
- Collection of data from national sources.
- Data harmonisation.
- Definition of the Conceptual Data Model for the database.
- Creation of first typologies.

At the end of this phase, meetings will be arranged to discuss the comparability of data from different sources. Discrepancies between national definitions of urban areas will be one central issue here. Necessary adjustments will be discussed and agreed upon. The interim report will account for these difficulties, and if necessary formulate requests for further indicators needed from European statistical offices.

5.3 Phase 3

Phase 3 focuses on setting up the database and on producing the first analyses of the statistical evidence. The tasks of phase 3 are:

- Establishing the database, covering flows and networks as well as socio-economic structures of urban areas.
- Finalising the homogenisation of data from the national and European levels; entering the data into the database.
- Analysing of the draft database to describe the situation.
- Establishing typologies of urban areas and networks.

- Assessment of the intrinsic political and spatial situations in different categories of urban areas with regard to polycentrism.
- The first comprehensive European maps will be produced.
- Assessment of the options for improved policies in the light of the conclusions taken from the statistical analysis.
- Formulation of policy orientations.

At the end of this phase, meetings will be arranged to discuss and present the analysis and its implications.

5.4 Phase 4

In phase 4, work will continue towards finalising the database and the analysis. The tasks are:

- Completing the database.
- Developing the database to make it a useful tool for future research and policy developments
- Producing further innovative maps and illustrations.
- Improving the analysis, based on new data and on comments made on the draft report.
- Formulating final policy orientations, together with concrete ideas for initiatives.

The database and the final report will be ready by the end of this phase, and a meeting will then be arranged to present the results.

6. FINANCIAL PROPOSAL

6.1 Total Cost

The tender has a total cost of € 530,000, including € 103,800 for costs related to meetings.

The budget has been calculated exclusive of VAT. If it appears that VAT would have to be paid on this amount, the workloads would have to be reduced accordingly. The framework and objectives of the present proposal would however be maintained.

Costs have been subdivided into three main categories (Thematic work packages, national areas of responsibility and meetings), according to the table below:

	Percentage	Amount allocated
Work packages	60,3%	€ 319 650
National areas of responsibility	20,1%	€ 106 550
Meetings	19,6%	€ 103 800
Total	100,0%	€ 530 000

6.2 Breakdown of Costs by Work Package

The total amount allocated to the Work Packages is € 319 650. 20% of this amount (12% of the total budget) will be allocated to management costs.

The allocations include fees and specific expenses related to each Work Package (e.g. buying data, organising interviews, literature, etc.)

Work packages 3 and 4, Indicators, Mapmaking and Typologies, represent one-third the total budget.

Action / working package	Percentage	Amount allocated
WP 0 / management	20,00%	63 930
WP 1	6,67%	21 310
WP 2	6,67%	21 310
WP 3	25,00%	79 913
WP 4	25,00%	79 913
WP 5	10,00%	31 965
WP 6	6,67%	21 310
Sum	100,00%	319 650

6.3 Breakdown of Costs by National areas of responsibility

The total amount allocated to National areas of responsibility is € 106 550. The distribution of this amount has been calculated with one fixed amount per country. The rest (40 %) has been divided according to population numbers in each country.

The accession countries and the EFTA countries have, to a smaller extent (25%), been included in this calculation, as one cannot envisage analysing EU urban systems in isolation from those of these other countries. This implies that € 37 888 is dedicated to the inclusion of data on urban networks in EFTA and the accession countries in our analysis.

Partner	EU countries	Non-EU countries	Total allocation	
Nordregio	Finland, Sweden	Estonia, Latvia, Lithuania, Poland, Norway, Iceland	17%	€ 17 956
Danish Forest and Landscape Research Institute	Denmark		3%	€ 3 494
OTB research Institute for Housing, Urban and Mobility studies	The Netherlands, Belgium, Luxemburg, Germany		21%	€ 22 081
CNRS-UMR Géographie-cités	France		8%	€ 8 493
Centre for Urban Development and Environmental Management, Leeds Metropolitan University	UK, Ireland		11%	€ 11 880
Austrian Institute for Regional Studies and Spatial Planning	Austria	Bulgaria, Czech Republic, Hungary, Romania, Slovakia, Slovenia, Switzerland	15%	€ 16 182
Dipartimento Interateneo Territorio, Politecnico e Università di Torino	Italy		8%	€ 8 349
Quaternaire Portugal	Portugal, Spain		10%	€ 10 585
Department of Urban and Regional Planning at the National Technical University of Athens	Greece	Cyprus, Malta	7%	€ 7 530
Sum			100%	€ 106 550

6.4 Breakdown of Costs by Partner

Each Main Partner is responsible for one Work Package. However, in some cases, the workloads are shared between multiple partners:

- WP 0 (Management): Nordregio 50 %, Danish Forest and Landscape Research Institute 50%
- WP 4 (Maps and Typologies): Nordregio 33%, Spiekermann & Wegener, Urban and Regional research 33%, CNRS-UMR Géographie-cités 33%.

The global percentage includes expenses related to project meetings. Three two-day meeting with all partners, and two one-day meetings with the main partners are planned. Travel costs are calculated on the basis of the cheapest possible airfares and a subsistence allowance (*per diem*) of € 110.92 per day (according to EU-regulations). These expenses total € 103 800, including fees for meeting attendance.

Partner	Total	Percentage
Nordregio	177 831 €	34%
Danish Forest and Landscape Research Institute	67 449 €	13%
OTB research Institute for Housing, Urban and Mobility studies	54 071 €	10%
CNRS-UMR Géographie-cités	67 120 €	13%
Centre for Urban Development and Environmental Management, Leeds Metropolitan University	54 525 €	10%
Austrian Institute for Regional Studies and Spatial Planning	23 442 €	4%
Spiekermann & Wegener, Urban and Regional research (S&W)	37 318 €	7%
Dipartimento Interateneo Territorio, Politecnico e Università di Torino	15 609 €	3%
Quatenaire Portugal	17 845 €	3%
Department of Urban and Regional Planning at the National Technical University of Athens	14 790 €	3%
Sum	530 000 €	100%

7. ANNEXES TO THE TENDER

Annex 1. Legal Constitution and Financial Statement for Lead Partner

106 61 STOCKHOLM
08-694 1000**Registreringsbevis**Datum
2002-01-16Person-/Org-/Reg.nummer
262000-1590

NORDREGIO

BOX 1658
111 86 STOCKHOLM**Ni är registrerad hos skattemyndigheten enligt följande**

111 BE 200201172620001590	Huvudsaklig verksamhet	
	Samhällsvetenskaplig forskning och utveckling	
	SNI-kod/-er	Bokslutsdatum
	73201	31 december
	Juridisk form	
	OFFENTLIGA KORPORATIONER	
Särskild skatteadress (används vid utskick av möms- och arbetsgivarhandlingar från skattemyndigheten, om så önskas av den skattskyldige)		
Besöksadress		
SKEPPSHOLMEN 000 00 STOCKHOLM		
Telefon		
08-463 54 00		

F-skatt	Fr.o.m. 1997-10-01
Arbetsgivare	Fr.o.m. 1997-08-01
Moms	Fr.o.m. 1997-07-01
Momsreg.nr/VAT-nr	SE262000159001

Redovisning ska ske i skattedeklaration.

Redovisning ska ske enligt faktureringsmetoden.

Om uppgifterna ändras eller om avregistrering ska ske ska ni anmäla detta skriftligt till skattemyndigheten. Använd gärna baksidan av detta registreringsbevis. Nytt registreringsbevis utfärdas efter varje ändring. För den som har F-skatt utfärdas registreringsbevis minst en gång per år.

F-skattebevis**2002**

Om innehavaren av detta bevis tar emot ersättning för utfört arbete och det är uppenbart att det är fråga om anställning måste arbets-/uppdragsgivaren skriva till skattemyndigheten och meddela detta.

Innehavare av detta bevis är redovisnings-skyldig för mervärdesskatt.

262000-1590
NORDREGIO

BEVISET UTFÄRDAT AV

Financial statement for 1999

PROFIT AND LOSS ACCOUNTS

	1 Jan 98 - 31 Dec 98	1 Jan 99 - 31 Dec 99	
Operating income			
Allocation from NCM	11 234 000	10 841 496	
Project and other allocations, NCM	2 609 491	2 262 803	Note 8
National support	2 501 389	2 706 297	Note 9
Income from contract work or similar	1 938 601	6 066 169	Note 10
TOTAL INCOME	18 283 481	21 876 765	
Operating costs			
Wages and salaries	8 881 337	9 974 027	
Goods and services	4 514 839	6 726 224	
Travel expenses	1 324 892	2 426 844	
Premises	2 138 546	2 571 185	Note 11
TOTAL EXPENSES	16 859 614	21 698 280	
OUTCOME	1 423 867	178 485	
Financial income and expenses			
Interest income	179 182	226 052	
Interest cost	40 792	-80 429	
BALANCE	138 390	145 622	
Change in capital position	1 562 257	324 108	Note 12

BALANCE SHEET

	1 Jan 98 - 31 Dec 98	1 Jan 99 - 31 Dec 99	
ASSETS			
Current assets			
Cash, post giro, bank	4 062 659	7 483 308	
Client claims	1 125 568	1 527 515	Note 1
Incoming VAT	832 593	75 632	Note 2
Other claims	86 358	44 905	Note 3
Periodic adjustments	507 249	487 069	Note 4
Fixed assets	0	0	
TOTAL ASSETS	6 614 427	9 618 429	
LIABILITIES			
Short-term liabilities			
Outstanding to suppliers	551 690	539 081	
Staff tax-at-source	152 945	231 988	
Cumulated social levies	160 845	248 238	
Outgoing VAT	247 626	17 193	
Other liabilities	203 922	2 960 422	Note 5
Periodic adjustments	0	0	
Long-term liabilities	0	0	
Capital			
Balanced capital change	3 735 142	5 297 399	Note 6
Capital change in accordance with profit-and-loss accounts	1 562 257	324 108	Note 7
TOTAL LIABILITIES AND CAPITAL	6 614 427	9 618 429	

Financial statement for 2000

PROFIT AND LOSS ACCOUNTS

1 Jan 1999 - 31 Dec 1999 1 Jan 2000 - 31 Dec 2000

Operating income			
Core funding from NCM	10 841 496	12 236 504	Note 8
Project and other allocations, NCM	2 262 803	4 608 945	Note 9
National support	2 706 297	3 999 990	Note 10
Income from contract work or similar	6 066 169	6 386 492	Note 11
TOTAL INCOME	21 876 765	27 231 931	
Operating costs			
Wages and salaries	9 974 027	12 998 169	Note 12
Goods and services	6 726 224	9 516 831	
Travel expenses	2 426 844	2 890 299	
Premises	2 571 185	2 803 999	Note 13
TOTAL EXPENSES	21 698 280	28 209 298	
OUTCOME	178 485	977 367	Note 14
Financial income and expenses			
Interest income	226 052	274 074	
Interest cost	80 429	10 707	Note 15
BALANCE	145 623	263 367	
Change in capital position	324 108	714 001	

BALANCE SHEET

	1 Jan 1999 - 31 Dec 1999	1 Jan 2000 - 31 Dec 2000	
ASSETS			
Current assets			
Cash, post giro, bank	7 483 308	8 202 709	Note 1
Client claims	1 527 515	2 724 962	Note 2
Incoming VAT	75 632	0	
Other claims	44 905	70 752	Note 3
Periodic adjustments	487 069	785 142	Note 4
Fixed assets	0		
TOTAL ASSETS	9 618 429	11 783 565	
LIABILITIES			
Short-term liabilities			
Outstanding to suppliers	539 081	2 052 837	Note 5
Staff tax-at-source	231 988	346 497	
Cumulated social levies	248 238	327 379	
Outgoing VAT	17 193	63 019	
Other liabilities	2 960 422	4 086 327	Note 6
Periodic adjustments	0	0	
Long-term liabilities	0	0	
Capital			
Balanced capital change	5 297 399	5 621 507	Note 7
Capital change in accordance with profit-and-loss accounts	324 108	714 001	Note 7
TOTAL LIABILITIES AND CAPITAL	9 618 429	11 783 565	

Summary financial statement for 2001

PROFIT AND LOSS ACCOUNTS (SEK)

	1 Jan 2000 - 31 Dec 2000	1 Jan 2001 - 31 Dec 2001
Operating income		
Allocation from NCM	12 236 504	11 771 001
Project and other allocations, NCM	4 608 945	5 784 253
National support	3 999 990	4 316 203
Income from contract work or similar	6 386 492	11 126 944
TOTAL INCOME	27 231 931	32 998 401
Operating costs		
Wages and salaries	12 998 169	11 992 528
Goods and services	9 516 831	8 830 533
Travel expenses	2 890 299	3 331 745
Premises	2 803 999	3 312 749
TOTAL EXPENSES	28 209 298	27 467 555
OUTCOME	-977 367	5 530 846
Financial income and expenses		
Interest income	274 074	510 385
Interest cost	10 707	-145 984
BALANCE	263 367	364 401
Change in capital position	-714 001	5 895 247

BALANCE SHEET

	1 Jan 2000 - 31 Dec 2000	1 Jan 2001 - 31 Dec 2001
ASSETS		
Current assets		
Cash, post giro, bank	8 202 709	14 432 040
Client claims	2 724 962	1 560 360
Other claims	70 752	1 862 338
Periodic adjustments	785 142	914 239
TOTAL ASSETS	11 783 565	18 768 977
LIABILITIES		
Short-term liabilities		
Outstanding to suppliers	2 052 837	1 318 203
Staff tax-at-source	346 497	230 364
Cumulated social levies	327 379	344 127
Vacation pay		292 720
Outgoing VAT	63 019	75 023
Other liabilities	4 086 327	5 705 782
Periodic adjustments	0	0
Long-term liabilities	0	0
Capital		
Balanced capital change	5 621 507	4 907 511
Capital change in accordance with profit-and-loss accounts	-714 001	5 895 247
TOTAL LIABILITIES AND CAPITAL	11 783 565	18 768 977

Annex 2. Letter of intent

Stockholm, 24 May 2002

ESPON Co-ordination Unit:
CRP Henri Tudor
PO Box 144
66, rue de Luxembourg
L-4002 Esch-sur-Alzette

att: Director Peter Mehlbye

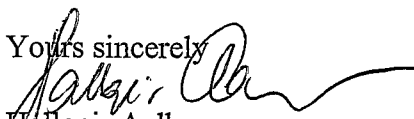
**Action 1.1.1. of the ESPON 2006 Programme under Interreg III Art. 53 entitled:
“The role, specific situation and potentials of urban areas as nodes in a polycentric
development” (reference number 85)**

Please find attached our tender for the ESPON 1.1.1 study “*The role, specific situation and potentials of urban areas as nodes in a polycentric development*”.

Nordregio, the Nordic Centre for Spatial Development, is acting as lead partner for a European consortium.

Our partners are The Danish Forest and Landscape Research institute (Denmark), Delft University of Technology/ OTB Research Institute for Housing, Urban and Mobility Studies (The Netherlands), Centre National de la Recherche Scientifique – UMR Géographie-cité (France), The Centre for Urban Development and Environmental Management, Leeds Metropolitan University (UK), The Austrian Institute for Regional Studies and Spatial Planning (Austria), Urban and Regional Research (Germany), Dipartimento Interateneo Territorio, Politecnico e Università di Torino (Italy), Quaternaire Portugal (Portugal), the Department of Urban and Regional Planning at the National Technical University of Athens (Greece).

We are looking forward to an interesting co-operation.

Yours sincerely

Hallgeir Aalbu
Director

Annex 3. CV Nordregio



Legal constitution

Nordregio (the Nordic Centre for Spatial development) is an independent centre for research, documentation and dissemination on questions related to spatial planning and regional development.

The Centre was established in 1997 by the Nordic Council of Ministers, on behalf the governments of Denmark, Finland, Iceland, Norway and Sweden.

Nordic institutions are registered in the country of domicile. Nordregio is registered in Sweden as a *non-profit, public corporation*.

Fields of interest

Nordregio carries out research and development projects and provides courses and other dissemination activities within the following fields:

- Regional development
- Regional and industrial policies
- Spatial planning and urban policies
- Environmental aspects within regional development and spatial planning

Nordregio can draw upon a significant number of the leading academics and central civil servants in the fields of regional policy, spatial planning and environmental assessment in all the Nordic countries. Our geographical focus is on the Nordic and neighbouring countries, European Union countries and EU applicant countries. We have excellent knowledge of socio-economic statistics and are well equipped with the necessary tools for analysis and mapping.

Nordregio regularly publishes research reports and working papers, the *Journal of Nordregio* with public administration as target group, and the *Electronic Journal of European Spatial Development* with the research community as the main audience.

Nordregio provides training for practitioners in the fields of regional policy, spatial planning and environment assessment. Training is offered as courses of 1-3 weeks duration and as seminars and conferences.

Present number of staff and breakdown by qualification

Nordregio has at present 28 staff, of which 23 are full-time professionals. Our academic qualifications are:

	Professor	PhD or equivalent	Master	Bachelor	Total
Spatial planning, Environment	1	2	3	1	7
Geography	1	1	5	1	8
Sociology, Political Science, Economy, History		5	2	1	8
Total	2	8	10	3	23

Available linguistic resources

Nordregio staff is capable of working in the following languages (ability grades from 1 to 5, where 5 is fluency):

	Understanding	Reading	Speaking	Writing
English*	5	5	5	5
German*	5	5	5	5
French*	5	5	5	5
Swedish*	5	5	5	5
Danish*	5	5	5	5
Finnish*	5	5	5	5
Norwegian*	5	5	5	5
Icelandic*	5	5	5	5
Russian	5	5	5	5

* Mother tongue

Publications

Nordregio staff has a broad experience in regional development studies, in studies of regional and industrial policies and in evaluation of policy actions. Our results are disseminated in many different ways, through reports, working papers, articles, lectures, courses and seminars. Nordregio has an electronic newsletter and a website with reports and maps (www.nordregio.se). A list of publications is attached.

Work related to the tender

<i>Project</i>	<i>ESDP Study Programme</i>
<i>Client(s)</i>	DG Regio
<i>Budget</i>	250,000 Euro
<i>Duration</i>	1999-2000

As a pilot phase for the new ESPON Interreg III programme, a Study Programme was initiated for the follow-up of ESDP. The Study Programme involved 200 researchers covering all 15 Member States, with a budget of 2 mill Euro. Nordregio was the co-ordinator of the Study Programme.

Project ***Polycentric development of the European Territory***
Client(s) CPMR, Rennes and Ministry of Regional Policy, Oslo
Budget 63,200 Euro (our part of the budget)
Duration 2001-2002

CPMR, the Conference of Peripheral Maritime Regions, is developing scenarios for the urban structure in Europe, with a focus on the maritime peripheries. Nordregio is one of seven partners in the project.

Project ***Evaluation of the Regional Centre Programme***
Client(s) Ministry of the Interior, Helsinki / Net Effect Ltd, Helsinki
Budget 53,200 Euro (our part of the budget)
Duration 2001-2003

Evaluation of a new Finnish regional policy programme, targeted to maintain and develop a balanced settlement structure by enhancing co-operation in functional urban areas all over the country.

Project ***Workshop for Nordic regional policy***
Client(s) Nordic Council of Ministers, Copenhagen
Budget 107,000 Euro
Duration 2001-2002

An assessment of recent trends in regional policies. Nordregio will facilitate a discussion between relevant Ministries in the Nordic countries.

Project ***Regional policy and trans-national co-operation in the North Calotte***
Client(s) North Calotte Council, Luleå
Budget 61,000 Euro
Duration 2001-2002

Comparative analysis of regional policy instruments and options for further development.

Project ***Intermediate evaluation of Finnish Centres of Expertise***
Client(s) Ministry of the Interior, Helsinki
Budget 83,000 Euro (our part of the budget)
Duration 2001-2003

Intermediate evaluation – assessment of the functions, structure and management as well as impacts of the Centres of Expertise.

Project ***Urban networks***
Client(s) Ministry of the Interior, Helsinki
Budget 14,200 Euro
Duration 2001

Analysis of functional urban regions in Finland.

Project ***Socio-economic databases***
Client(s) Nordregio
Budget 96,800 Euro
Duration 2001

Update and analysis of Nordregio's database on socio-economic data.

Project ***City competition in the Baltic Sea Region***

Client(s) Stockholm regional planning office

Budget 52,700 Euro

Duration 2000-2001

A comparative analysis of the urban functions and future potentials of Stockholm, Helsinki, Copenhagen, Hamburg, Berlin, Warszawa, Riga and St. Petersburg

Project ***The State and the geography***

Client(s) Nordic Council of Ministers + Nordregio

Budget 127,300 Euro

Duration 2000-2002

A comparison between the Nordic countries, focusing on the large and strong state sectors and their impact on regional development.

Project ***Sustainable regional development***

Client(s) Nordic Council of Ministers, Copenhagen

Budget 84,000 Euro

Duration 2000-2001

A study of the integration between regional policy and policies for sustainable development in the Nordic countries.

Project ***Evaluation SME programme***

Client(s) NUTEK, Stockholm

Budget 47,000 Euro

Duration 2001

Ex post evaluation of the Swedish community initiative programme for small and medium-sized enterprises 1995-99

Project ***Interreg IIIB North Sea***

Client(s) Interreg IIIB North Sea secretariat, Viborg

Budget 75,000 Euro

Duration 2000

Ex ante evaluation of the 2000-06 Interreg programme for the North Sea region.

Project ***Interreg IIIB Baltic Sea***

Client(s) Interreg IIIB Baltic Sea secretariat, Rostock

Budget 50,000 Euro

Duration 2000

Ex ante evaluation of the 2000-06 Interreg programme for the Baltic Sea region.

Project ***Future Challenges and Institutional Preconditions for Regional Development Policy***

Client(s) Nordic Council of Ministers, Copenhagen

Budget 1,212,600 Euro (our part of the budget)

Duration 1999-2004

A research programme, involving research institutes in all parts of the Nordic area. Nordregio is the programme co-ordinator, with responsibility for final results.

Project **VASAB 2010+**
Client(s) Interreg IIC Baltic Sea, Rostock / Planco Consulting, Essen
Budget 60,000 Euro (our part of the budget)
Duration 1999-2000

The document *Visions and Strategies for the Baltic Sea, VASAB 2010+*, was developed by the governments of the region with support of a team of consultants. Nordregio's responsibility was the socio-economic analysis of the region.

Project **Evaluation of Interreg IIC CADSES**
Client(s) Interreg IIC CADSES
Budget 60,000 Euro
Duration 1998-2001

Mid term evaluation and ex post evaluation of the CADSES programme. CADSES covers the eastern EU borders from Germany to Greece.

Project **Milieux**
Client(s) Northern Periphery Programme, Oulu + Landsdelsutvalget for Nord-Norge, Bodø + Nordregio
Budget 80,000 Euro (our part of the budget)
Duration 1999-2001

Study of the impact of local business environment on regional development, in peripheral regions in Finland, Norway, Scotland and Sweden. Nordregio is responsible for the Norwegian case studies and for parts of the final analysis.

Project **Evaluation of the Swedish Objective 5a – Fisheries programme**
Client(s) Fiskeriverket, Göteborg
Budget 94,210 Euro
Duration 1998-2001

Mid term evaluation and ex post evaluation of the Swedish Objective 5a – Fisheries programme

Project **Dynamics of rural areas**
Client(s) DG Research + Nordregio
Budget 185,280 Euro (our part of the budget)
Duration 1998-2001

Changes and processes of change in rural areas - analysed by an international consortium of research institutes. Nordregio is responsible for Swedish case studies.

Publications 1998-2002

Hanell, Tomas, Aalbu, Hallgeir & Neubauer, Jörg: **Regional Development in the Nordic Countries 2002**. (Nordregio Report 2002:2)

Facing ESPON. Editor Christer Bengs. (Nordregio Report 2002:1)

Leeson, George W.: **The Changing Face of the Population of Europe : - Geographical Distribution, Urbanization, Depopulation and International Migration**. (Nordregio WP 2002:2)

Låt mångfalden blomstra! - Lokal demokrati i nordiska länder. Redaktör Ulla Herlitz. (Nordregio WP 2002:1)

Local labour market performance in Nordic countries. Editor Lars Olof Persson. (Nordregio Report 2001:9)

- Keith Clement and Malin Hansen: **Sustainable regional development in the Nordic countries.** (Nordregio Report 2001:8)
- Audun Sandberg: **Institutional Challenges for Common Property Resources in the Nordic Countries.** (Nordregio Report 2001:7)
- EIA, large development projects and decision-making in the Nordic countries.** Editor Tuija Hilding-Rydevik. (Nordregio Report 2001:6)
- Polsk-svensk handbok för planeringsbegrepp - Polsko-szwedzki podrecznik pojec z zakresu planowania przestrzennego.** (Nordregio Report 2001:5)
- Innovation and learning for competitiveness and regional growth - a policy challenge.** Editor Peter Maskell. (Nordregio Report 2001:4)
- Att forska om gränser.** Redaktör José Luis Ramírez. (Nordregio Report 2001:3)
- Cluster Policies - Cluster Development?** A contribution to the analysis of the new learning economy. Edited by Åge Mariussen. (Nordregio Report 2001:2)
- A Comparative Study of Nordic EIA Systems.** - Similarities and Differences in National Implementation. Edited by Hólmfríður Bjarnadóttir. (Nordregio Report 2001:1)
- Lars Winther: **The Spatial Structure of the New Economy in the Nordic countries.** (Nordregio WP 2001:10)
- Fungerande partnerskap för regional utveckling - Erfarenheter från tre regioner i Sverige och Norge.** Av Elsie Hellström et al. (Nordregio WP 2001:9)
- Henning, Roger: **Regional Governance in the Nordic Capital Areas.** (Nordregio WP 2001:8)
- Ex-Ante Evaluation of Baltic Sea INTERREG IIIB, Programme - Final Report.** Edited by Merja Kokkonen. (Nordregio WP 2001:7)
- Kokkonen, Merja & Mariussen, Åge: **Ex-Ante Evaluation of Interreg III B, North Sea Programme - Final Report.** (Nordregio WP 2001:6)
- Mariussen, Åge: **Milieus and innovation in the northern periphery - A Norwegian/northern benchmarking.** (Nordregio WP 2001:5)
- Karppi, Ilari, Kokkonen, Merja & Lähteenmäki-Smith, Kaisa: **SWOT-analysis as a basis for regional strategies.** (Nordregio WP 2001:4)
- Sverigestudier 1996 - 1998.** En konsistent syn på den rumsliga utvecklingen? Ett uppdrag från Miljödepartementet. (Nordregio WP 2001:3)
- Karppi, Ilari: **Competitiveness in the Nordic Economies.** Assessments and Structural Features. (Nordregio WP 2001:2)
- Åge Mariussen et.al.: **"Norsk utakt." (Evaluation of Norwegian regional development programmes)** (Nordregio Report 2000:5)
- Study Programme on European Spatial Planning. Conclusions and Recommendations.** (Nordregio Report 2000:4, including full report on CD-ROM).
- Environmental Assessment in the Nordic Countries - Experience and prospects.** (Nordregio Report 2000:3)
- Regions of the Baltic States.** (Nordregio Report 2000:2)
- Future Challenges and Institutional Preconditions for Regional Development Policy.** Four Scenario Reports. Edited by Ilari Karppi. (Nordregio Report 2000:1)
- Regional Development Programmes and Integration of Environmental Issues: - the role of Environmental Assessment.** (Nordregio WP 2000:9).
- Mariussen, Åge, Aalbu, Hallgeir & Brandt, Mats: **Regional Organisations in the North.** (WP 2000:8)

Competitive capitals: Performance of Local Labour Markets - an International Comparison Based on Gross-stream Data. By Ingi Runar Eðvarðsson et al. (WP 2000:7)

Regionala tillväxtavtal: Utvärdering av förhandlingsprocessen i sju län och på central nivå. (WP 2000:6) (Evaluation of Swedish regional development programmes.)

Property Development and Land-Use Planning around the Baltic Sea. Edited by Kai Böhme, Burkhard Lange and Malin Hansen. (WP 2000:5)

Schulman, Micaela: **Stadspolitik och urbanforskning i Norden.** (WP 2000:4) (Urban policies and urban research in Norden.)

Berger, Sune och Tryselius, Kristina: **De perifera regionernas roll i de nordiska ländernas IT-strategier.** (WP 2000:3) (The role of the peripheries in Nordic national ICT strategies.)

The Common Potential in Northernmost Europe. Edited by Merja Kokkonen. (WP 2000:2).

Hallin, Göran, Borch, Odd Jarl och Magnusson, Sofia: **Gemenskapsprogram (SPD) för Sveriges mål 5a Fiske - utanför mål 6-regioner.** (WP 2000:1) (Evaluation of the Swedish Objective 5 Fishery Programme.)

Mapping Patterns of Economic Vitality in the Northern Periphery Area. Electronic publication: www.nordregio.se/mapping.htm

Scenarier for Nordens Infrastrukturlandskab - Transportinfrastruktur, miljø og regional udvikling Del II. (Report 1999:6) (Scenarios for Nordic infrastructure landscapes.)

Structures and Prospects in Nordic Regional Economics. Aku Alanen et.al. (Report 1999:5)

Aalbu, Hallgeir, Hallin, Göran and Mariussen, Åge: **When Policy Regimes Meet: Structural Funds in the Nordic Countries 1994 - 99.** (Report 1999:3)

Hallin, Göran et al: **Avreglering och regional utveckling.** Regionala konsekvenser av institutionella ändringar i Nordens kommunikationstjänster. (Report 1999:1)

Böhme, Kai & Kokkonen, Merja: **INTERREG II C CADSES Interim Evaluation.** (WP 1999:7)

Eikeland, Sveinung: **Personal Incentives in Norwegian Regional Policy.** (WP 1999:5)

Persson, Lars Olof et al: **C-FRAMÅT: Att välja regionala framtider för Uppsala län.** (WP 1999:4)

Aalbu, Hallgeir: **Næringspolitikken i de nordiske land.** (WP 1999:3)

Amcoff, Jan & Hallin, Göran: **FoU-resurser i Fyrstad.** (WP 1999:2)

Ceccato, Vania & Persson, Lars Olof: **Forskning för regional utveckling. Svensk FoU med europeiska utblickar: Kunskapsöversikt.** (WP 1999:1)

Nordic Institutions and Regional Development in a Globalised World. Editor: Åge Mariussen (Report 1998:2)

Aalbu, Hallgeir: **The Structural Funds as an Agent for System Change: A Mid-term Evaluation of Sweden's Objective 6 Programme.** (WP 1998:2)

Annex 4: CVs of team members from Nordregio

Director Hallgeir Aalbu

Nordregio (Nordic Centre for Spatial Development)
Box 1658, S-11186 Stockholm, Sweden

Tel: +46-8-463 5440, Fax: +46-8-463 5401, Mobile: +46-70-687 5881

E-mail: hallgeir.aalbu@nordregio.se

Personal

Date of birth: 1 April 1955

Nationality: Norwegian

Marital status: Married, two children

Employment

- 1997-date: Director, Nordregio, Stockholm, Sweden.
- 1997: Visiting Professor, European Policies Research Centre, University of Strathclyde, Glasgow, UK.
- 1990-1996: Managing Director, Nordland Research Institute, Bodø, Norway.
- 1985-1989: Head of Department, Department of Regional Development, Ministry of Local Government and Labour, Oslo, Norway.
- 1983-1985: Senior executive officer, Research Council of Norway, Oslo.
- 1980-1983: Researcher, Norwegian Institute of Urban and Regional Research, Oslo.

Education

- 1987: Further education programme, Nordic School of Planning, Stockholm
- 1980: MA in Human Geography, University of Oslo

Relevant Experience

Mr. Aalbu has extensive experience of regional development and spatial planning policies both as a researcher and as a civil servant.

Since 1995, he has been working with European policies and their implementation. His international experience in research on regional development and regional planning includes numerous studies and evaluations:

- EU studies (ESDP, Objectives 1, 2, 5a, 6, Konver, Interreg IIA, Interreg IIC, Interreg IIIA Interreg IIIB as well as thematic studies),
- Nordic studies (Cross-border co-operation and trans-national co-operation),
- National studies in Norway, Sweden and Finland.

In 1999-2000, Nordregio was the European co-ordinator of the Study programme on European Spatial Planning (SPESP), a follow-up of the ESDP adopted in May 1999.

In 1999, Aalbu edited the book *When policy Regimes Meet: Structural Funds in the Nordic Countries 1994-99*.

Recent related projects:

- *Evaluation of the Swedish programme “Företagskonsortieprogrammet” about competence enhancement and innovations in SMEs.* (Client: VINNOVA, Verket för innovationssystem / The Swedish Agency for Innovation Systems.) Nordregio, Stockholm, 2001.
- *Ex-ante evaluations of Interreg IIIB programmes for the Baltic Sea Region, the North Sea Region and the Northern Periphery Region.* (Clients: involved governments in eight countries.) Nordregio, Stockholm, 2000.
- *National planning strategies in Sweden – a study of five spatial visions.* (Client: Ministry of Environment, Sweden). Nordregio, Stockholm, 2000.
- *European Study Programme on Spatial Planning.* European co-ordinator for the Preparatory Action in 1999 and of the full Study Programme in 1999-2000. (Client: DGXVI.) Nordregio, Stockholm, 1999-2000.
- *Urban policies and urban research in the Nordic Countries.* (Client: Nordic Council of Ministers). Nordregio, Stockholm, 1999-2000.
- *Mid-term and ex post evaluation of Interreg II C CADSES, 1999-2001.* (Client: The CADSES Programme.) Nordregio, Stockholm.
- *The Structural Funds as an Agent for System Change: Meta-evaluation of Nordic Structural Funds programmes 1995-99 at mid-term.* (Client: Nordic Council of Ministers.) Nordregio, Stockholm, 1998-99.
- *Mid-term Evaluation of the Objective 6 Programme in Sweden.* (Client: Swedish Board of Industrial and Technical Development.) Nordland Research Institute, Bodø and Nordregio, Stockholm, 1997-1998.
- *The Potential Impact of the Reform of the Structural Funds on the Objective 1 & Objective 6 Regions of Northern Europe.* (Client: the Scottish Office.) European Policies Research Centre, University of Strathclyde, Glasgow, 1997.
- *The Diversity of EU Regional Policy. Synthesis of Meta-evaluation Studies of Objective 1 Programmes 1994-1999.* (Client: the European Commission.) Nordland Research Institute, Bodø, 1996.
- *Partnership Arrangements in European Structural Funds: Case Sweden.* (Client: the European Commission.) Nordland Research Institute, Bodø, 1996.
- *Evaluation of the West-Nordic Development Fund.* (Client: the Nordic Council of Ministers.) Nordland Research Institute, Bodø, 1995.
- *The transregional Barents Co-operation as a foreign policy and a regional policy project.* (Client: the Nordic Institute of Regional Policy Research). Nordland Research Institute, Bodø, 1995.
- *Prior appraisals of the regional development plans of the Objective 6 regions of Finland and Sweden.* (Client: the European Commission.) Nordland Research Institute, Bodø, 1995.

Kai Böhme, Research Fellow

Nordregio (Nordic Centre for Spatial Development)
Box 1658, S-11186 Stockholm, Sweden

Tel: +46-8-463 5435, Fax: +46-8-463 5401
E-mail: kai.bohme@nordregio.se

Personal

Date of birth: 26 August 1972
Nationality: German
Marital status: Unmarried

Education

1997: University of Dortmund (Germany): Diplom-Ingenieur der Raumplanung (spatial planning)
1997: Royal Institute of Technology, Stockholm (Sweden): Courses in land surveying, infrastructure and regional planning (1996/1997)

Employment

1998 to date Research Fellow, Nordregio - Nordic Centre for Spatial Development, Sweden field of work: Nordic and European spatial planning systems
1995 – 1997: Research Assistant, SFZ - Sekretariat für Zukunftsforschung / Secretary for Future Studies, Germany working fields: telematic cities and sustainable lifestyles
1992 – 1997: Practical training in several German planning offices field of work: especially development-plans

Relevant experience

Kai Böhme has experience in the field of comparison of spatial development policies and strategies. He has experience from the analysis of spatial visions for Sweden and various tasks in the field of European Spatial Development Perspectives, among others he was involved in the co-ordination of the European Study Programme on Spatial Planning (SPESP), the precursor to the European Spatial Planning Observatory Network (ESPON). He has worked on the INTERREG II C CADSES interim and ex-post evaluations and the INTERREG III B Baltic Sea ex ante evaluation. Furthermore, he is preparing his PhD thesis about a comparison of the Nordic planning systems in relation to spatial development policies at European level, such as the European Spatial Development Perspective (ESDP). He has also done research on the progress of European telematic (digital) cities in general and their contribution towards sustainable development.

Recent related projects:

- Study Programme on European Spatial Planning, overall co-ordination, Nordregio, Stockholm
- Ex-Ante Evaluation: *INTERREG IIIB Baltic Sea*, Nordregio, Stockholm.
- Interim and Ex-Post Evaluation: *INTERREG II C - CADSES*, Nordregio, Stockholm.
- *Swedish Development Perspective 1996-1998*, Ministry of the Environment, Stockholm.
- *Comparison of National Spatial Planning in five European Countries*, Swedish Business Development Agency, Stockholm.
- *Baltic Manual, Sharing Experience in Spatial Planning*, ARL, Hannover.

Relevant Publications:

- Böhme, K. (2001) "Swedish Spatial Development Perspectives". IN I. Christoferson (ed) *Swedish Planning in Times of Diversity*. FFS. Gävle.
- Böhme K. & A. Faludi, 2000, "Nordic Planning Meets Europe". IN *Built Environment* 26(1), pp. 5-12.
- Schulman, M. & Böhme, K. (2000) "New Dynamics in a Municipal-Based Planning System: Spatial Planning in Sweden" IN *Built Environment* 26(1), pp. 72-81.
- Böhme, K. 1999, *Schweden – ein Modell für Konsens und Rationalität? IN: Raumforschung und Raumordnung, Heft 5-6, 1999*
- Böhme K., et al. 2000: *Vart tog planeringen vägen*. IN: *PLAN* Nr. 5-6 1999.
- Böhme, K. & M. Kokkonen 1999, *INTERREG II C interim evaluation*. Nordregio. Stockholm
- Böhme, K. & C. Bengs (eds.) 1998, *From Trends to Visions. The European Spatial Development Perspective*. Nordregio. Stockholm.
- Bengs, C. & K. Böhme (eds.) 1998. *The Progress of European Spatial Planning*. Nordregio. Stockholm.

Erik Gløersen, Research Fellow

Nordregio (Nordic Centre for Spatial Development)
Box 1658, S-11186 Stockholm, Sweden

Tel: +46-8-463 5439, Fax: +46-8-463 5401, Mobile: +46-733 52 62 63
E-mail: erik.gloersen@nordregio.se

Personal

Date of birth: 15 august 1975
Nationality: French and Norwegian
Marital status: Unmarried

Education

- 2000-2001: MSc in Geographic Information Systems (GIS) at the Ecole Nationale des Sciences Géographiques.
- 1999-2000: MA in quantitative analysis and model theory at the University of Paris 1 – Panthéon Sorbonne.
- 1998-1999: Maîtrise in Geography at the University of Paris 1- Panthéon Sorbonne.
- 1997-1998: Master of Arts in Human Geography at the University of Sussex.

Relevant Skills and Experience

Mr Gløersen has worked on EU initiatives at the cross-border scale (Master Dissertation on INTERREG II A Rives-Manche) and at the trans-national level (Evaluation of INTERREG II C CADSES).

He has extensive experience working with GIS, as an instrument for scientific research, but also as a tool for map production. He has worked on issues related to both raster and vector data, and has specialised in the simultaneous integration of disparate paper maps in digital systems.

His research projects have also familiarised him with tools for statistical analysis and network modelling. He has more specifically worked on models accounting for how networks can shape metropolitan environments and on cross-border comparisons of data collected according to specific national methods.

He is fluent in English and has a good knowledge of German.

Janne Antikainen, Research Fellow

Nordregio (Nordic Centre for Spatial Development)
Box 1658, S-11186 Stockholm, Sweden

Tel: +46-8-463 5444, Fax: +46-8-463 5401

E-mail: janne.antikainen@nordregio.se
janne.antikainen@sm.intermin.fi

Professional experience

1/2002 – : (2/3 of time) Finland, Ministry of the Interior, Special Advisor (regional development centre programme, urban policy, urban research, indicators of regional development)

1/2001 – : (currently 1/3 of time) Stockholm, Sweden, Nordregio, Research Fellow, (Urban and regional development, urban policy, development indicators)

6/1998 – 6/2000: National correspondent for Urban Audit

9/1998 – 12/2000: Researcher at the Academy of Finland Urban Studies programme.

9/1997 – 5/1998: Assistant at the University of Joensuu, Department of Geography

Personal

Date of birth: December 29th, 1971

Nationality: Finnish

Marital status: Married, two children

Education

MSc in Human Geography

Qualified Teacher of Geography and Biology, University of Joensuu

Key qualifications

Development indicators, urban policy, urban economies, project experience, team work experience, in various research and regional development projects

Comprehensive national and international contact-network in relevant fields

Annex 5: CVs of Project Team members

Niels Boje Groth

Born: 1946 in Aalborg, Denmark.

Education

M. Sc. (Engineering), 1970;

M. Art (Cultural Sociology), 1978.

Employment

1970-87 Danish Building Research Institute, researcher;

1987-96 Municipality of Frederikssund, Head of Technical Department;

1996 - Danish Forest & Landscape Research Institute, senior researcher.

Former member of the Danish Social Science Council, committee on Urban and Regional Development; Former member of the board of the Danish Town Planning Institute; External examiner at a number of universities in Denmark; Headed the International research project “Urban Systems and Urban Networking in the Baltic Sea Region” and other international studies on spatial planning; Visiting professor at European Policies Research Centre, Strathclyde University, Spring 1999; Former head of Danish National Focal Point of the Studyprogram on European Spatial Planning;

Head of the Danish Contact Point of the European Spatial Planning Observatory Network (ESPON).

Fields of research

Studies of contemporary life-forms in the context of regional, urban and rural settlements. The Danish spatial planning system, principles and practices. Planning theory and philosophy. International co-operation on spatial planning. Globalization and urban systems, urban management, city networking, spatial development strategies, urban planning, urban development and transition projects, development and environmental control, public utilities and public works.

Wil Zonneveld

Dr. Wil Zonneveld is senior lecturer at the OTB Research Institute of the Delft University of Technology. He is manager of the OTB research programme on Urban Systems. His tasks are the supervision of basic research projects, the promotion of the quality, the quantity and the consistency of the research output, the supervision of junior-researchers and the management of contract research.

He has extensive research experience particularly in the area of strategic planning on the national, transnational and European level, urban & regional governance and, finally, the use of spatial planning concepts on various policy levels. R

Relevant experience:

Manager of the NWMA INTERREG IIC-project 'CORRIDESIGN', carried out by OTB (lead partner) and the universities of Essen, Leuven, Lille, Central England, Bristol and University College London (2000-2001).

National spatial policy in a European Context (2000; commissioned by the Rathenau Institute).

Member of the co-ordination team of the Study Programme on Europeans Spatial Planning (1999-2000).

The changing relationship between cities and countryside and the need for revised policies (1998-1999; secondment Netherlands Scientific Council for Government Policy)

The effects of European integration for Dutch spatial planning (1997-1998, commissioned by the Netherlands Scientific Council for Government Policy)

Report on spatial development policy (1997-1998; secondment Netherlands Scientific Council for Government Policy)

Preparation of a governmental decision on the Second Benelux Structural Outline (1996-1997)

Framing and co-ordination of the Second Benelux Structural Outline (1994-1996)

The rise of European spatial planning and policies (1994-2000; Dutch Research Council)

Nadine Cattan

Nadine Cattan is Director of the équipe PARIS, one of the components of the UMR Géographie-cités. As a former Head of the OECD Unit in charge of Territorial Statistics and Indicators Unit in the Territorial Development Service, she has extensive experience working with European statistics and indicators. She has furthermore been actively involved in SPESP.

Her main research interests lie in the study urban networks, spatial integration models and territorial hierarchies.

Nadine Cattan is Deputy Director of the UMS R.I.A.T.E. (Réseau Interdisciplinaire pour l'Aménagement du Territoire Européen), the French ESPON Contact Point.

Relevant recent publications

- Berroir S., Cattan N., Ocelli S., Rabino G., Saint-Julien Th., 2000, Modèles régionaux et réorganisation des hiérarchies territoriales, *Revue d'Economie Régionale et Urbaine*, n°5.
- Cattan N., Saint-Julien Th., 1997, *Les villes en France*. Paris, La Documentation Française.
- Cattan N., Saint-Julien Th., 1998, Modèles d'intégration spatiale et réseau des villes en Europe occidentale, *L'espace géographique*, n°1.
- Cattan N., Pumain D., Rozenblat C., Saint-Julien, 1999, *Le système des villes européennes*, Anthropos, coll. Villes.
- Cattan N., Saint-Julien Th., 1999, Quels atouts pour les villes petites et moyennes en Europe occidentale ? *L'information géographique*, oct. , vol. 63.

Simin Davoudi

Year of Birth: 1957

Nationality: British

Gender: Female

Education

B.Arch,

M.Phil in Town and Country Planning, MRTPI)

Relevant experience

Director of CUDEM at LMU. Previously, she has worked at University College London and Newcastle University. She has extensive research experience particularly in the areas of: UK and European spatial planning, Urban and regional policy and governance, and Environmental sustainability. Simin has undertaken research for a range of national and international agencies including the European Commission and the UK Government's Department responsible for spatial planning (DTLR). She was a core member of the research team in the SPESP project leading the UK's input into the study of Territorial Differentiation and Polycentric Development and a member of the management team for ESPRID project (funded by the DTLR) providing a web-based system of data sets on spatial planning. She has provided advice on the initial drafts of the ESPON Programme for the DTLR. Simin is currently the Council Member of the Association of European Schools of Planning, the contact person for one of the UK consortia involved in ESPON, and the joint Guest Editor of the special issue of the forthcoming Built Environment Journal focusing on European Urban-rural Relationship.

Research projects

1996-1997: **Medium-sized Cities and Environmental and Socio-Economic Developments in the Regions of the EU**, funded by the European Foundation for ILWC, Dublin; 1995-97 Development Plans and the Regulatory Forms of the Planning System, funded by the Economic and Social Research Council (ESRC);

1998-2000: **SPESP**: Study Programme on European Spatial Planning, funded jointly by the European Commission DGXVI and the UK Government;

1998-2001: **BEQUEST**: Building Environmental Quality Evaluation for Sustainability through Time, Concerted Action funded by the EU DGXII;

2001 **Appraisal of Objective 2 Integrated Development Plans** for the Yorkshire and Humber Region, Funded by the regional government office;

2001-04 **Regionalisation and the New Politics of Waste**, funded by the ESRC

Friedrich Schindegger

Year of birth: 1938

Nationality: Austrian

Education

Dipl. Ing. in architecture, 1963

Dr. techn. in regional planning, 1988

Civil engineer since 1970

Membership of professional bodies

Österreichische Gesellschaft für Raumplanung

Kammer der Architekten und Ingenieurkonsulenten

Present position: Senior Expert

Key qualifications

Spatial planning at transnational level with specific focus upon CEC, regional policy at national and transnational level, transnational co-operations, esp. with CEC, EU policies, policy analysis

Relevant experience

European Commission / Federal Chancellery, INTERREG II C Project VISION PLANET, 1998 – 2000 : joint elaboration of a strategic spatial development document and networking promoting a more structured dialogue on spatial development

European Commission, DG XVI, Danube Space Study – Regional and territorial aspects of development in the Danube Countries on the European Union, 1998 – 2000

Accession Countries – CEEC, Federal Chancellery Eurek (European Spatial Development Concept): Chapter Eastern Enlargement, 1998

European Union, European Commission, DG Regional Policy, Study Programme on European Spatial Planning (SPESP), 1998 – 2000

Danube Space Ministry of Foreign Affairs Experts Background Paper in preparation of the Danube Space

Conference of the foreign ministers, 2001 – ongoing

European Union, Federal Chancellery, Polycentrism, 2001 – ongoing

Klaus Spiekermann

Year of Birth 1962.

Nationality: German.

Education

Dipl.-Ing. (Spatial Planning), University of Dortmund.

Professional experience

1990-1992 Researcher, Institute of Spatial Planning, University of Dortmund (IRPUD).

1993-2001 Project Leader, IRPUD.

2001- Partner, Spiekermann and Wegener, Urban and Regional Research (S&W)

Dipl.-Ing Klaus Spiekermann has wide-ranging research interests in urban and regional analysis, with a focus on spatial interaction and accessibility. He made key contributions to national and international research projects in the fields of urban and regional development and trans-European networks. His specialisation is the visualisation of spatial interaction and accessibility by sophisticated visualisation techniques using geographic information systems. He is interested in the integration of geographic information systems and spatial analysis and models, including activity-based microsimulation models of land use, transport and environment as well as European-wide models of accessibility and regional development.

Michael Wegener

Year of Birth 1938

Nationality German.

Education

Dipl.-Ing. (Architecture), Technical University of Berlin, 1964

Dr.-Ing. (Urban and Regional Planning), Technical University of Aachen, 1979

Professional experience

1984-1994 Deputy Director, IRPUD

1988-1989 Professor, Department of Civil Engineering, University of Tokyo, Japan

1992-1996 Privatdozent, Department of Spatial Planning, University of Dortmund

1996- Professor, Department of Spatial Planning, University of Dortmund

1999- Executive Director, IRPUD

2001- Partner, Spiekermann and Wegener, Urban and Regional Research (S&W)

Professor Dr. Michael Wegener has extensive experience as a leader of large interdisciplinary research projects in the fields of urban and regional development, European urban systems and trans-European networks. His other research fields include demography, housing markets, economic structural change and geographic information systems. His specialisation: is urban and regional modelling, in particular of the land-use transport interface in cities and regions. His current focus is on activity-based microsimulation models of land use, transport and environment using geographic information systems and simulation models for forecasting the socio-economic and spatial impacts of large transport investments in Europe.

Sergio Conti

Professor of Economic Geography at the Faculty of Economics at the University of Turin. He is president of CNR-UGI Committee. From 1992 to 1998 he was president of the Commission on the Organisation of Industrial Space of UGI (the International Geographical Union).

Research interests

- 1991-93 Urban Hierarchies and Networks in Europe
1994-98 Theory and Logics of the spatial Representation in Economics
 Epistemology of Industrial Geography
 Environmental Systems
1999-2001 Economic Competitiveness and Local Production Systems of Value
 Polycentric development in Europe

Regional and local development and competitiveness, Industrial development policies, hierarchies and urban networks at different geographical scales.

Recent publications

(con C. Salone) cura di *Il sistema urbano europeo fra gerarchia e policentrismo*, EuPolis-Sistemi Urbani Europei, Torino, 2000.

(dir.) *Geographies of Diversity. Italian Perspectives*, Società Geografica Italiana-C.N.R, Rome, 2000.

“Competitive advantage and metropolitan growth: the case of the Turin manufacturing system”, in *Geography Research Forum*, vol. 20, 2000, pp. 14-32.

“Small and medium sized enterprises in space: the plural economy”, in E. Vatne and M. Taylor (eds), *The Networked Firm in a Global World. Small Firms in New Environments*, Ashgate, Aldershot, 2000, pp. 19-44.

(con P. Giaccaria) *Local Development and Competitiveness*, Kluwer Academic Publishers, Dordrecht, 2001.

“Ventajas competitivas y desarrollo metropolitano. El caso del sistema manufacturero turinés”, *Poligonos*, n. 9, 1999, pp. 49-69.

Giuseppe Dematteis

Birth year: 1935

Nationality: Italian

At present Professor of Urban and Regional Geography, 1st Faculty of Architecture, Politecnico of Turin.

1987-89 and 1992-95: Director of the Dept. Interateneo Territorio of the University and the Polytechnic of Turin from.

1993 to 1999: Co-ordinator of the PhD programme in Territorial Planning and the Real Estate Market. He is at present the Italian representative of the project Cost Civitas (EU, Brussels).

Research interests

Analysis of local territorial systems and local development, indicators of territorial development, urban systems, analysis and urban network policies from the local to the European scale, strategic planning, city and territorial marketing.

Selected books, articles and papers

- (with F. Governa, "Urban form and governance: the new multi-centred urban patterns", in H. Anderson et al., *Change and stability in urban Europe*, Ashgate, Aldershot, 2001, pp. 27-44.
- "Shifting Cities", in C. Minca (ed.), *Postmodern geography*, Blackwell, Oxford, 2001, pp. 113-128.
- "Reti globali, identità locali e ciberspazio", in P. Bonora (ed.), *Comcities. Geografie della comunicazione*, Baskerville, Bologna, 2001, pp. 51-59.
- (with F. Sforzi, eds), "Globalisation, Economic Integration and regional Responses", in B. Cori et al., *Geographies of Diversity. Italian Perspectives*, Società Geografica Italiana – CNR Italian Committee for the International Geographical Union, Roma, 2000.
- "Spazio fisico e spazio sociale: la mediazione del territorio nella città che cambia", in *L'Universo*, n. 5, 2000, pp. 678-690.
- (with Bonavero P. and Sforzi F.) (eds.), *The Italian Urban System. Towards European Integration*, Ashgate, Aldershot, 1999
- (with Governa F.), "From Urban Field to Continuous Settlements Networks: European Examples", in Aguilar A.G. and Escamilla I. (eds), *Problems of Cities: Social Inequalities, Environmental Risks and Urban Governance*. Istituto de Geografia, UNAM, México, pp. 543-556, 1999

António Manuel Figueiredo

Quatenaire Portugal

Rua do Outeiro, nº 2 , 2º frente – 4050-452 Porto - Portugal

Tel: 351.22.6091056, Fax: 351.22.6091058,

E-mail: afigueiredo@quatenaire.pt

Personal

Date of birth: 18 th May 1949

Nationality: Portuguese

Employment

- 1975 to date – Professor at Oporto Faculty of Economics – Growth and Development Economics
- 1995 to date – General Director of Quatenaire Portugal

Education

- Graduation in Economics – Oporto Faculty of Economics
- Phd - Oporto Faculty of Economics

Relevant Experience

Mr. Figueiredo has relevant experience in strategic regional and urban planning and he participated in prospective studies about spatial and regional planning in Europe such as the Prospective Study on Atlantic Regions, The Strategic Study on Interregional Cooperation in the Atlantic Area, The Study on the Costs of non-coordination between structural funds policy and community policies.

He is now member of the experts panel evaluating the DG V the European Employment Strategy. He is also part of the expert panel of the “Forward Studies Unit for the Maritime Peripheries – CRPM”, working on European polycentrism.

It has been member of the panel experts for following the programmes ECOS, OUVERTURE, PACTE and it participated in several panel meetings for assessing RECITE projects

Minas Angelidis

Minas Angelidis is an Associate Professor and Director of the Department of Urban and Regional Planning of the National Technical University of Athens (NTUA). He holds a doctorate from the University of Paris XII (1981).

He coordinated a major NTUA research programme entitled "The National Urban Network: Existing conditions, future policy and spatial planning" for the Greek Ministry for the Environment, Spatial Planning and Public Works (1996 – 1998). He also directed a research programme entitled "Strategic action plan for the development of small and medium size towns and of the surrounding countryside, especially in islands", for the same ministry (1999 – 2001).

He participates in the research programme: "Spatial Development Strategic Plan of Athens Metropolitan Region" (2000-2002), founded by the Organisation for Planning and Environmental Protection of Athens

He was a member of the team of experts who prepared the national "General Framework" for Spatial Planning and Sustainable Development, currently under consideration by the Greek Government.

Louis Wassenhoven

Louis Wassenhoven is a Professor in the Department of Urban and Regional Planning and Director of the Laboratory for Spatial Planning and Urban Development of the National Technical University of Athens (NTUA).

He is also Chairman of the Greek National Council of Spatial Planning and Sustainable Development, an advisory body, created to express opinion on national spatial development policy, and Vice-Chairman of the State Scholarships Foundation.

He holds a PhD from the London School of Economics and Political Science.

In 1976-1983 he was a Senior Lecturer at the Development Planning Unit, Bartlett School of Architecture and Planning, University College London.

He was a sub-contractor for a project of EU DG XVI, entitled "The Compendium of Spatial Planning Systems and Policies" (co-ordinated by Plan Local, a British university and consultants' consortium). He headed the Greek research team, which worked in a DG XII project, entitled "Sustainability through spatial Planning: An examination of the capacity of spatial planning systems in Europe to develop and implement policy for sustainability", of which NTUA was a contractor, with the University of the West of England as lead-partner. He participated in the research programme: "Strategic action plan for the development of small and medium size towns and of the surrounding countryside, especially in islands", for the Greek Ministry for the Environment, Spatial Planning and Public Works (1999 – 2001). He participates in the research programme: "Spatial Development Strategic Plan of Athens Metropolitan Region" (2000-2002), founded by the Organisation for Planning and Environmental Protection of Athens.

Annex 6: Legal and fiscal identification of the the subcontractors

N Danish Forest and Landscape Research Institute	
Date of founding of the research body	01.01.1996
Enrolment in companies register	CVR nr.: 56 11 63 11
VAT number	DK 56 11 63 11
Address	Hørsholm Kongevej 11, DK 2970 Hørsholm, Denmark

OTB Research Institute Delft University of Technology	
Date of founding of the research body	1985
Enrolment in companies register	--
VAT number	NL 001569569B01
Address	P.O. Box 5030 2600 GA Delft The Netherlands

CNRS (Centre National de la Recherche Scientifique) – University of Paris I MR8504 Géographie-cités	
Date of founding of the research body	1985
Enrolment in companies register	
VAT number	FR 40 180 089 013
Address	13 rue du four 75006 Paris – France tel. : 33 1 40 46 40 00 fax. : 33 1 40 46 40 09 web : http://www.parisgeo.cnrs.fr

Leeds Metropolitan University (LMU) Centre for Urban development & Environmental Management (CUDEM)	
Date of founding of the research body	LMU, formerly known as Leeds Polytechnic, was founded in 1970. CUDEM was founded in 1989.
Enrolment in companies register	Registered charity under The Education Act of 1998
VAT number	545 3728 31
Address	LMU – Calverley Street, Leeds LS1 3HE, UK CUDEM – Brunswick building, Leeds LS2 8BU, UK

Oesterreichisches Institut für Raumplanung (OIR) Austrian Institute for Regional Studies and Spatial Planning – private association	
Date of founding of the research body	1957
Enrolment in companies register	OIR Managementdienste GmbH (Management Service Ltd): FN 179043z OIR Informationsdienste GmbH (Information Service Ltd): FN 178620b OIR Region und Entwicklung BeratungsgesmbH (Region and Development Consulting Ltd): FN178621d
VAT number	ATU 476 86 703
Address	Franz-Josefs-Kai 27 1010 Vienna Austria

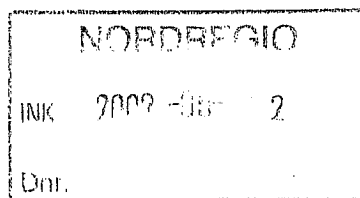
Spiekermann & Wegener Urban and Regional Research (S&W)	
Date of founding of the research body	2001
Enrolment in companies register	S&W is a partnership ('Gesellschaft bürgerlichen Rechts') for which an enrolment in companies register is not foreseen
VAT number	DE216896536
Address	Lindemannstrasse 10 D-44137 Dortmund Germany

EU-POLIS sistemi urbani europei	
Dipartimento Interateneo Territorio Politecnico e Università di Torino	
Date of founding of the research body	EU-POLIS: 1999 Department: early 80s
Enrolment in companies register	No enrolment, given the public – academic -nature of the Department
VAT number	00518460019
Address	Castello del Valentino Viale Mattioli 39 10125 TORINO <u>ITALY</u>

QUATERNAIRE PORTUGAL, CONSULTORIA PARA O DESENVOLVIMENTO S.A	
Date of founding of the research body	13 th December 1990
Enrolment in companies register	48869 2ª Conservatória Registo Comercial do Porto
VAT number	P-502 503 661
Address	Rua do Outeiro, nº 2 –2º Frente – 4050-452 Porto Portugal

Name (of the institution) Department of Urban and Regional Planning At National Technical University of Athens (NTUA) / School of Architecture (More specifically) Laboratory for Urban Studies and Laboratory for Spatial Planning and Urban Development	
Date of founding of the research body	Laboratory for Urban Studies: 1965 Laboratory for Spatial Planning and Urban Development: 1981 (NTUA / School of Architecture: 1917 Department of Urban and Regional Planning: 1982)
Enrolment in companies register	
VAT number	099793475
Address	42, Patission Street 10682 Athens GREECE

Annex 7: Letters of commitment of subcontractors



Skov & Landskab

ESPON 1.1.1 Team
Nordregio – Nordic Centre for Spatial Development
Box 1658
SE-111 86 Stockholm
SWEDEN

*Danish Centre for
Forest, Landscape
and Planning*

att. Janne Antikainen

*Danish Forest and Landscape
Research Institute
Hørsholm Kongevej 11
DK-2970 Hørsholm
Tel. +45 45 76 32 00
Fax +45 45 76 32 33
fsl@fsl.dk
www.fsl.dk*

*Date April 24, 2002
File 831-05 / 5796
Ref. GEJ
E-mail gej@fsl.dk
Tel. +45 45 76 32 00*

Restricted tender for ESPON project 1.1.1

I hereby express the interest of the Danish Forest and Landscape Research Institute in being Nordregio's partner in the envisaged action 1.1.1 of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

Yours sincerely,

Gertrud Jørgensen
Head of department
Ministry of the Environment
Danish Forest and Landscape Research Institute

*Skov & Landskab is a
centre for research,
education, and extension
concerning forests,
landscape and planning.
It is a mutually binding
cooperation between the
following three independent
institutions: the Royal
Veterinary and Agricultural
University, the Danish Forest
and Landscape Research
Institute, and the Danish
Forestry College.*



CENTRE NATIONAL
DE LA RECHERCHE
SCIENTIFIQUE

Délégation Paris A

30 April 2002

ESPON 1.1.1 Team
Janne Antikainen
Nordregio - Nordic Centre for Spatial Development
Box 1658
SE-111 86 Stockholm
SWEDEN

Fax: +00 46 8 463 5401

Reference:
Restricted tender for ESPON project 1.1.1

I hereby express Université Paris I and Centre National de la Recherche Scientifique's interest in being Nordregio's partner, on behalf of UMR-Geographie Cités, in the envisaged action 1.1.1 of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

Yours sincerely,

Sylvie Moreau
Déléguée régionale
CNRS - Délégation Paris A

Delft University of Technology

OTB Research Institute for Housing,
Urban and Mobility Studies.

ESPON 1.1.1 Team
Janne Antikainen
Nordregio - Nordic Centre for Spatial Developmen
Box 1658
SE-111 96 Stockholm
Zweden

Thijsseweg 11
2629 JA Delft

P.O. Box 5030
2600 GA Delft
The Netherlands

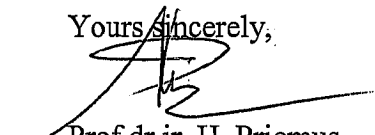
Phone +31 15 278 30 05
Fax +31 15 278 44 22
E-mail mailbox@otb.tudelft.nl
<http://www.otb.tudelft.nl>

Our reference : 02042693A.AAQ WZ/HP
Office telephone : +31 15 27 81038
E-mail : zonneveld@otb.tudelft.nl
Date : 04-26-2002
Subject : Restricted tender for ESPON project 1.1.1.

Dear Mr Antikainen,

I hereby express OTB Research Institute's interest in being Nordregio's partner in the envisaged action 1.1.1. of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

Yours sincerely,



Prof. dr. ir. H. Priemus
Managing director



Centre for Urban Development & Environmental Management

07 May 2002

ESPON 1.1.1 Team
Janne Antikainen
Nordregio - Nordic Centre for Spatial Development
Box 1658
SE-111 86 Stockholm
SWEDEN

Fax: + 46 8 463 5401

Reference:
Restricted tender for ESPON project 1.1.1

I hereby express Leeds Metropolitan University's interest in being Nordregio's partner in the envisaged action 1.1.1 of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

The contact person for this project within Leeds Metropolitan University is **Professor Simin Davoudi**.

Yours sincerely,

Michael Holmes

Dean of Faculty of Health and Environment



LEEDS METROPOLITAN UNIVERSITY

Spiekermann & Wegener
Urban and Regional Research

Lindemannstraße 10
D-44137 Dortmund

Phone +49 231 1899 439
Fax +49 231 1899 443
E-mail ks@spiekermann-wegener.de



ESPON 1.1.1 Team
Janne Antikainen
Nordregio - Nordic Centre for Spatial Development
Box 1658
SE-111 86 Stockholm
SWEDEN

Dortmund, 25. April 2002

Restricted tender for ESPON project 1.1.1

I hereby express S&W's interest in being Nordregio's partner in the envisaged action 1.1.1 of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

Yours sincerely,

Klaus Spiekermann

24 April 2002

ESPON 1.1.1 Team
Janne Antikainen
Nordregio - Nordic Centre for Spatial Development
Box 1658
SE-111 86 Stockholm
SWEDEN

Fax: + 46 8 463 5401

Reference:
Restricted tender for ESPON project 1.1.1

I hereby express Dipartimento Interateneo Territorio's (Polytechnic and University of Turin) interest in being Nordregio's partner in the envisaged action 1.1.1 of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

Yours sincerely,



Giuseppe Dematteis
Professor of Urban and Regional Geography
Vice Director of Dipartimento Interateneo Territorio



22 April 2002


ESPON 1.1.1 Team
Janne Antikainen
Nordregio - Nordic Centre for Spatial Development
Box 1658
SE-111 86 Stockholm
SWEDEN

Fax: + 46 8 463 5401

Reference:
Restricted tender for ESPON project 1.1.1

I hereby express Quaternaire Portugal's interest in being Nordregio's partner in the envisaged action 1.1.1 of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

Yours sincerely,



António Manuel Figueiredo
Director General of Quaternaire Portugal Consultoria para o Desenvolvimento S.A.

25 April 2002

ESPO 1.1.1 Team
Janne Antikalnen
Nordregio - Nordic Centre for Spatial Development
Box 1658
SE-111 86 Stockholm
SWEDEN

Fax: + 46 8 463 5401

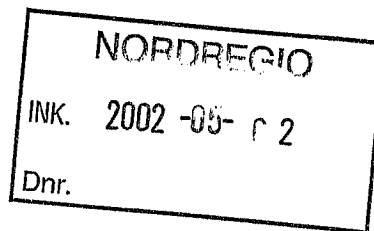
Reference:
Restricted tender for ESPON project 1.1.1

I hereby express the interest of the Austrian Institute for regional Studies and Spatial Planning (ÖIR) in being Nordregio's partner in the envisaged action 1.1.1 of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

Yours sincerely,



Peter Schneidewind
(Director)
Austrian Institute for Regional Studies and Spatial Planning



01 May 2002

ESPON 1.1.1 Team
Janne Antikainen
Nordregio - Nordic Centre for Spatial Development
Box 1658
SE-111 86 Stockholm
SWEDEN

Fax: + 46 8 463 5401

Reference:
Restricted tender for ESPON project 1.1.1

I hereby express National Technical University of Athens / School of Architecture / Department of Urban and Regional Planning 's interest in being Nordregio's partner in the envisaged action 1.1.1 of the ESPON 2006 Programme under Interreg III Art. 53 entitled: "The role, specific situation and potentials of urban areas as nodes of polycentric development".

Yours sincerely,

A handwritten signature in black ink, appearing to be "Minas Angelidis", written over a horizontal line.

Minas Angelidis
Director of the Department of Urban and Regional Planning
at National Technical University of Athens / School of Architecture