



COMMISSION OF THE EUROPEAN COMMUNITIES

Brussels, 1.7.2002
SEC(2002) 732

COMMISSION STAFF WORKING PAPER

ANNEXES TO

the TEN Annual Report for the Year 2000

Data and Facts sheets

{COM(2002) 344 final}

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the TEN Annual Report for the Year 2000

Data and Factsheets

The present Commission Staff Working Paper is intended to complementing the Trans-European Networks (TEN) Annual Report for the Year 2000 (COM(2002)344 final. It consists of ten annexes, each covering a particular information area, and providing extensive information and data reference on the implementation and financing of the TEN for Energy, Transport and Telecommunications.

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ANNEX I : List of abbreviations

ATIS	Alpine Transport Information System
CEECs	Central and Eastern Europe Countries
DBFO	Design, Build, Finance, Operate
EBRD	European Bank of Reconstruction and Development
EGNOS	European Geostationary Navigation Overlay Service
EIA	Environmental Impact Assessment
EIB	European Investment Bank
EIF	European Investment Fund
ERDF	European Regional Development Fund
ERTMS	European Rail Traffic Management System
FP	Framework Programme
GNSS	Global Navigational Satellite System
GPS	European Positioning System
HST	High Speed Train
IDA	Interchange of Data between Administration
IFI	International Financial Institution
ISDN	Integrated Services Digital Network
ISPA	Instrument for Structural Policies for Pre-Accession
IST	Information Society Technologies
ITS	Intelligent Transport System

LSIF	Large Scale Infrastructure Facility
MAESTRO	Monitoring Assessment and Evaluation of Transport Policy Options of Europe
MIP	Multiannual Indicative Programme
MoU	Memorandum of Understanding
NIS	New Independent State
NUTS	Nomenclature of Territorial Units for Statistics
PPF	Project Preparation Facility
PPP	Public / Private Partnership
SEM	Sound and Efficient Management
SME	Small and Medium Enterprise
TEN	Trans-European Network
TERFN	Trans-European Rail Freight Network
TINA	Transport Infrastructure Needs Assessment
TSI	Technical Specification for Interoperability

ANNEX II : Community financial support for Trans-European Network Projects in the energy sector during the period from 1995 to 2000 (from the TEN-energy budget line)

PRIORITY

PROJECT OF COMMON INTEREST

Registration	Financial support (in EURO `000)	Subject of the action
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A Connection of isolated electricity networks to European interconnected networks

a02 IRELAND - UNITED KINGDOM (Wales): Connection by submarine cable of the network of the Republic of Ireland to the network of the United Kingdom (Wales).

E097/99	350	Ireland - Wales Electricity HVDC Interconnection.	Review of technical and economic feasibility.
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Total: a02 350

a07 UNITED KINGDOM: Connection by submarine cable of the Isle of Man.

E043/96	435	Electricity interconnection (submarine cable) UK-Isle of Man.. Economic feasibility and engineering studies (excluding sea bed survey).	
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E071/97	1015	United Kingdom - Isle of Man electricity interconnector. Feasibility study (Phase 2) including sea-bed survey.	
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Total: a07 1450

a08 UNITED KINGDOM (Scotland): Connection by submarine cable of the Shetland Islands.

E096/99	357	Submarine DC cable interconnection between the Shetland Islands local electricity network and the United Kingdom mainland electricity grid. Technical, feasibility and environmental study.(Application E92/98)	
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Total: a08 357

a09 GREECE: connections between the islands and between the islands and the mainland.

E111/99	250	Connection of the Southern Cycladic Islands to the mainland electricity grid of Greece. Feasibility, evaluation, technical and environmental studies.	
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Total: a09 250

B Development of interconnections between Member States

b05 FRANCE - GERMANY: Strengthening of the connections between the two countries.

E085/98	250	Economic interest of the expansion of the 400kV network in the North East part of France and between France and Germany. Technico economic feasibility study.	
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Total: b05 250

b06 FRANCE - ITALY: Connection between the two countries' networks through south-eastern France and north-western Italy.

E019/95	80	Piosasco-Moncenisio electricity line. Feasibility study.	
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E098/99	344,2	Setting-up of a 400 kV phase shifter transformer in the La Praz electricity substation (France). Technical (voltage profile, characteristics and requirements) and environmental study.	
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Total: b06 424,2

b07 FRANCE - SPAIN: Land connection between the two countries' networks through south-western France and northern Spain.

E027/95	140	Pirineo connection substation electricity line. Feasibility study.
E028/95	200	Aragón-Cazaril electricity line. Feasibility study.
E038/96	355	Alternative routes for the France-Spain electricity interconnection through the Central Pyrenees. Economic feasibility, environmental impact and basic engineering studies : Spanish share.
E062/96	150	Alternative routes for the France-Spain electricity interconnection through the Central Pyrenees. Economic feasibility, environmental impact and basic engineering studies : French share.
E068/97	100	Installation of a 225 kV phase displacement transformer at the Pragneres substation. Technical and feasibility study.
E118/00	394,15	Increased electricity interconnection France - Spain in the East of Pyrenees area. Technical study of network strengthening, environmental feasibility analysis of the solutions and identification of an route for the electricity lines.
Total: b07	1339,15	

b10a SPAIN - PORTUGAL: New connection between the two countries through the Southern region of Portugal and the South-West of Spain

E064/97	125	Balboa - Portuguese border 400 kV electricity line. Feasibility, environmental and basic engineering study.
E065/97	538,5	Sines-Alqueva-Spanish border 400 kV electricity line. Evaluation, environmental, topographic, design and pegging study.
Total: b10a	663,5	

b11 FINLAND - SWEDEN: Strengthening interconnections north of the Gulf of Bothnia

E002/95	75	Feasibility study: Increased electricity transmission capacity (Finnish side).
E005/95	75	Feasibility study: Increased electricity transmission capacity (Swedish side).
E114/00	130,75	Increasing the electricity transmission capacity between Finland and Sweden by constructing a new interconnection. Pre-feasibility, pre-environmental and evaluation study.
Total: b11	280,75	

b12 AUSTRIA - ITALY: Strengthening connections between the North of Italy and the Austrian network.

E011/95	82,5	AUSTRIA - ITALY: Cordignato-Austrian border electricity line. Feasibility study (Italian side)
Total:b12	82,5	

b13 IRELAND - UNITED KINGDOM (N. IRELAND): Strengthening of connections between Ireland and Northern Ireland.

E077/97	397,5	Co-ordinated transmission network development in the North-West of Ireland. Technical, economic, feasibility and environmental impact study.
E125/00	805	Increased electricity interconnection between Northern Ireland and the Republic of Ireland. Technical and economic feasibility study including environmental impact study.
E128/00	852,5	Increased electricity interconnection between the Republic of Ireland and Northern Ireland. Technical and economic feasibility study including environmental impact study.
Total: b13	2055	

b15 THE NETHERLANDS- UNITED KINGDOM: Connection by submarine cable between south-eastern England and central Netherlands.

E044/96	500	Electricity interconnection (submarine cable) UK-Netherlands. Economic feasibility and engineering studies. (excluding sea bed survey).
E117/00	2053	The Netherlands - United Kingdom electricity interconnector. Feasibility study (Phase 2), including sea bed survey.
Total: b15	2553	

b16 DENMARK - GERMANY: Strengthening the aerial connections between the two countries.

E099/99 150 Strengthening the aerial electrical interconnections between Denmark and Germany. Feasibility Study.

Total: b16 150

C Development of internal connections necessary to make the best use of interconnections between Member States

c05 ITALY: Strengthening and developing connections on the East-West axis in the North of the country and on the North-South axis.

E007/95 137 Vado-Ligure-Morigallo electricity line. Feasibility study.
E014/95 87,5 Santa Barbara-Tavarnuzze electricity line. Feasibility study.
E015/95 100 Pietrafitta-Santa Barbara electricity line. Feasibility study.
E016/95 737,5 Piedilago pumped storage. Feasibility study.
E090/98 296,3 Reinforcement of North - South axis: 380kV overhead line Laino - Rizziconi (210 Km). Environmental study and detailed design.
E093/98 500 Design and construction of prototypes and full scale loading tests on prototypes of a family of single foot steel poles with insulating cross arms for single and double circuit 380 kV lines. Technical study.
E094/98 450 Project to substitute a part of a double circuit 380 kV overhead line with an underground line. Technical, economical and environmental evaluation studies.

Total: c05 2308,3

c05a ITALY: Strengthening and development of connections on the East-West axis in the North-West of the country and on the North-South axis in the centre of the country.

E057/96 75 Reinforcement of North-South and East-West axis : Pietrafitta - Villavalle and Colunga - Calenzano lines. Environmental impact studies.

Total: c05a 75

c06 SPAIN: Strengthening and development of internal connections.

E023/95 150 Cantabrian Sea : Penagos-Gueñes electricity line. Feasibility study.
E024/95 125 Cantabrian Sea : Gueñes-Itxaso electricity line. Feasibility study.
E025/95 90 Cantabrian Sea : Soto-Penagos electricity line. Feasibility study.
E035/96 220 Electricity interconnections (at 400 KV) Sentmenat - Bescano and Bescano - Line Vic/Baixas (Mediterranean axis). Environmental impact and basic engineering studies for both lines. Economic and technical feasibility study for the second line.
E076/97 55 Additional local route alternatives for the electricity line Soto-Penagos. Technical and environmental study.
E102/99 200 Connection of new electricity generation capacities in Andalusia (Wind Parks and Combined Cycle). Preliminary, feasibility and environmental study and basic engineering.
E104/99 284 Reinforcing the internal electricity network of the Basque Country. Preliminary, feasibility and environmental study and basic engineering.
E119/00 527 Strengthening and completion of the Northwest - French border axis: Boimente - Narcea 400kV electricity line. Feasibility, environmental study and basic engineering.

Total: c06 1651

c07 PORTUGAL: Strengthening connections necessary for interconnections with Spain in the North and Centre of the country.

E030/95 317 Reinforcement of the electricity connection. Feasibility study.

Total: c07 317

c09 IRELAND: Strengthening of connections in the North-West of the country.

E069/97 685 Reinforcements in the North and West of the ESB transmission system and their interaction with ESB-NIE interconnection.

E084/98 550 Reinforcements in the North and West of the ESB transmission system and their interaction with NIE-ESB interconnection.

Total: c09 1235

c10 SPAIN: Strengthening and development of connections in the North-East and West of the country, in particular to connect to the network production capacities of electricity generated from wind-power.

E036/96	245	Reinforcement of the high voltage electricity networks in Aragón, Alava and Navarra in particular to cope with planned increase of wind generation capacity. Economic feasibility, environmental impact and technical studies.
E037/96	350	Reinforcement of the high voltage electricity network in Galicia in particular to cope with planned increase of wind generation capacity. Economic feasibility, environmental impact and technical studies.
Total: c10	595	

c13 UNITED KINGDOM (Northern Ireland): Strengthening of internal connections in Northern Ireland, in relation to the interconnections with the Republic of Ireland.

E101/99	295,5	Reinforcements in the NIE electricity transmission system and their interaction with NIE- ESB interconnection. Technical, feasibility and environmental study.
Total: c13	295,5	

D Development of interconnections with third countries in Europe and the Mediterranean region helping to improve the reliability, security and supply of Community electricity networks

d03 GERMANY- NORWAY: Connection by submarine cable between northern Germany (UCPTE) and southern Norway (NORDEL).

E089/98	815	New HVDC links between Central Europe and Scandinavia. Technical study: Part 1: Power system interaction of the HVDC interconnections between Central Europe and Norway. Part 2: Improvements on HVDC return current electrodes. Part 3: Increase of the overload capability of the mass-impregnated HVDC cable of the Baltic Cable link by use and verification of a new test method.
Total: d03	815	

d08 GREECE - BALKAN COUNTRIES: Strengthening of connections between Greece and, respectively, Albania, Bulgaria and former-Yugoslavia, including the restoration of the connections with the North of former-Yugoslavia and the UCPTE network.

E059/96	125	Upgrading at 400 KV of the existing 150 KV electricity interconnection GREECE - ex-Yugoslavia. Economic and technical feasibility and environmental impact studies.
E060/96	450	New electricity interconnection Greece-Bulgaria. Preparatory, economical and technical feasibility and environmental impact studies.
E079/98	150	Extension and enhancement of the 400 kV and 150 kV networks enabling bulk power exchanges. Technical feasibility and environmental study
Total: d08	725	

d09 GREECE - TURKEY: Connections between the two countries through north-eastern Greece.

E106/99	195	Electricity interconnection Greece - Turkey. Phase 1: Evaluation and feasibility study.
E129/00	350	Electricity interconnection Greece - Turkey. Technical and environmental study (Phase 2).
Total: d09	545	

d10 UNITED KINGDOM - NORWAY: Connection by submarine cable between the north-eastern England and southern Norway (NORDEL).

E045/96	400	Electricity interconnection (submarine cable) UK-Norway. Economic feasibility and engineering studies (excluding sea bed survey).
E073/97	1350	United Kingdom - Norway electricity interconnector (submarine cable). Feasibility study (Phase 2) including sea-bed survey
E109/99	2100	United Kingdom - Norway Interconnector. Full feasibility study, encompassing evaluation, technical, economic and environmental studies, including sea - bed survey. Extension to Contract XVII/5.7100/Z/97-07 (E73/97).
E116/00	2300	United Kingdom - Norway electricity Interconnector. Economic feasibility and engineering studies. Extension to Contract XVII/5.7100/Z/97-07 (E73/97, E109/99).
Total: d10	6150	

d11 THE NETHERLANDS- NORWAY: Connection by submarine cable between the north-eastern Netherlands (UCPTE) and southern Norway (NORDEL).

E052/96	1500	Electricity interconnection (submarine cable) Netherlands-Norway. Studies for electrode design and evaluation of reliability and availability, including submarine cable tests.
E088/98	4215	Construction of an operational sub-sea HVDC cable link between the Dutch grid (UCPTE) and the Norwegian grid (NORDEL).
Total: d11	5715	

d13 SPAIN - MOROCCO: Connection by submarine cable between southern Spain and the Moroccan network.

E003/95	637,5	Feasibility study: New cable route for the electricity interconnection.
Total: d13	637,5	

d14 BALTIC COUNTRIES: Strengthening and developing connections between these countries' networks by overground and/or submarine cables.

E006/95	800	SWEDEN - POLAND: Electricity interconnection. Feasibility study.
E021/95	2500	BALTIC RING: Electricity interconnection. Overall feasibility study.
E034/95	150	BALTIC RING: Peak power exchange (between Poland and Lithuania). Feasibility study.
E040/96	225	Increased utilisation of the existing HVDC electricity interconnection (submarine cable) Finland-Sweden. Feasibility and technical studies, including laboratory tests : Finnish share.
E046/96	325	Increased utilisation of the existing HVDC electricity interconnection (submarine cable) Finland-Sweden. Feasibility and technical studies, including laboratory tests : Swedish share.
E055/96	240	Increasing electricity transmission capacity between South of Finland and Russia (St Petersburg area). Preparatory, feasibility and technical studies, including the follow-up of environmental aspects.
E063/96	715	East-West High Power Electricity Transmission System - Baltic route. Study of the technical, economical, financial, legal and environmental aspects.
E066/97	1085	East-West High Power Electricity Transmission system - Baltic route. Study (Phase 2) including technical, economic, financial, legal and environmental aspects.
E074/97	340	Alternative layout for the Sweden-Poland Link (HVDC electricity interconnection). Additional feasibility study including sea-bottom survey.
E087/98	2320	The SwePol link project : construction of a HVDC cable connection between Sweden and Poland with one converter station in each country. Grant to the investment.
E095/99	670	The Estlink HVDC project (Finland - Estonia). Preparatory Studies.
E110/99	1615	Baltic Ring Study - Phase II. Establishing mutual economic and technical rules for a common electricity market in the Baltic Sea Region. Part 1: Appropriate environmental matters. Part 2: Development network aspects of a common Electricity Market. Part 3: Operational network aspects of a common Electricity Market
Total: d14	10985	

d15 SWEDEN - NORWAY: Strengthening of the connections between the two countries.

E091/98	74	Increased export capacity to Norway (to the Hasle substation). Evaluation, Feasibility and Technical specification.
E115/00	54,7	Increased electricity transfer capability between Sweden and Norway. Evaluation and technical study.
Total: d15	128,7	

d16 EU - BELARUS - RUSSIA - UKRAINE: Development of connections and interface between the (extended) UCPTE network and the networks of third countries in Eastern Europe, including the relocation of the HVDC conversion stations operating previously between Austria and Hungary, Austria and the Czech Republic and, Germany and the Czech Republic.

E039/96	300	Inter area oscillations in the UCPTE/CENTREL electricity power system. Dynamic behaviour analysis and remedial studies.
E050/96	75	Relocation of the high voltage AC-DC-AC conversion station of Wien Südost. Economic and technical feasibility study.
E051/96	75	Relocation of the high voltage AC-DC-AC conversion station of Dürnrohr. Economic and technical feasibility study.
E067/97	450	Appropriate sites in third countries of Central Eastern and South-Eastern Europe for the relocation of the HVDC back-to-back stations of Etzenricht and Vienna-South East. Technical and evaluation study of 8 different sites in 7 countries.

E081/98	1225	DVG stability study for the synchronously interconnected operation of UCPT/CE/CENTREL, Bulgaria and Romania. Technical study.
E107/99	300	Appropriate sites in third countries of Central Eastern and South-Eastern Europe for the relocation of the HVDC back-to-back stations of Etzenricht and Vienna-South East. Technical and evaluation study of 11 different sites in 7 countries: extension to contract XVII/5.7100/Z/97-025 (E67/96)
E108/99	800	Relocations of the HVDC Back-to-Back stations Etzenricht and Vienna-South East. Detailed technical design and cost analysis studies.
Total: d16	3225	

E Introduction of natural gas into new regions

e05a PORTUGAL: Construction of an LNG terminal on the Atlantic coast.

G49/99	934,5	The LNG terminal project in Sines. Technical, environmental and feasibility study.
Total: e05a	934,5	

e06 GREECE: Setting up a gas network in the country, in particular along the Aegean coastline, including an LNG terminal in Attica and storage facilities.

G05/95	1000	Natural gas underground storage. Feasibility study.
G06/95	770	Extension of main natural gas transmission system. Feasibility study.
G17/96	970	Natural gas network on the Island of Crete, including a LNG terminal. Feasibility, environmental and other studies.
G34/98	980	Simulation Study of the Greek Natural Gas System and Basic Design of Compressor Station
Total: e06	3720	

F Connection of isolated gas networks to European interconnected networks, including the necessary improvement of the existing networks, and connection of separate natural gas networks

f01 IRELAND - UNITED KINGDOM :Strengthening of the gas transport capacity between the two countries.

G01/95	150	Natural gas interconnector. Feasibility study.
G33/98	250	Gas 2025 Study (for Ireland). Evaluation of options and recommended strategy for infrastructural upgrade.
G50/99	575	The Gas 2025 Study - Phase 2. Preliminary engineering studies (for solutions coming from phase 1 of the Study).
Total: f01	975	

f05 FRANCE - SPAIN: Strengthening of transport capacity between the two countries.

G61/00	911,35	France - Spain natural gas interconnection through the western border area. Technical and environmental study and economic and financial evaluation.
Total: f05	911,35	

f08 AUSTRIA - GERMANY: Strengthening of transport capacity between Austria and Bavaria

G47/99	741	Inter-European underground natural gas storage of Haidach. Feasibility, technical pre-engineering and economic study for the construction of an underground gas storage facility at Haidach and its connection to the existing European gas grid.
Total: f08	741	

f11 AUSTRIA: Connection between gas pipelines linking Austria to, respectively, Germany and Italy.

G23/97	398,5	The Krift-Pyhm-Liezen gas pipeline, connecting the TAG and WAG pipelines and reinforcing gas supply to upper Styria. Detailed feasibility study (investigations, geological tests, technical planning, surveying, blueprints and listings, documents for authorisation application, detailed documents for tender, preparation for contracting of the location of the line.
Total: f11	398,5	

f12 GREECE - ALBANIA: Connection between the networks of the two countries.

G22/96 185 Greece - Albania : connection between the gas networks of the two countries. Technical and economic feasibility study, including gas demand definition, pipeline routing and design and financial viability study of the North Western Greece Natural Gas pipeline project.

Total: f12 185

f13 ITALY - GREECE - OTHER BALKAN COUNTRIES: Construction of a gas pipeline to supply Greece and other Balkan countries through Southern Italy.

G55/99 1100 Construction of a gas pipeline to supply Greece and other Balkan countries through Southern Italy. Feasibility study, including sea bed survey.

Total: f13 1100

f17 AUSTRIA - SLOVENIA - CROATIA: Strengthening of the gas transport capacity between the three countries.

G53/99 221 Opportunities for marketing and financing of a gas transport corridor to South EASTERN Europe. Comprehensive feasibility study including market analysis study, technical study, economic study and financing study.

Total: f17 221

G Increasing reception (LNG) and storage capacities necessary to satisfy demand, and diversification of supply sources and routes for natural gas

g01 IRELAND: Developing natural gas storage facilities to supply the Irish network.

G16/96 318 Natural gas underground storage in « Kinsale Area ». Feasibility and technical studies.

G30/97 4950 The Kinsale Area gas storage project. Feasibility study including seismic evaluation and drilling of a trial well.

Total: g01 5268

g07 FRANCE: Developing underground gas storage facilities.

G52/99 4290 The Pecorade natural gas underground storage. Feasibility study for the conversion of the Pecorade depleted oil field into natural gas storage.

Total: g07 4290

g08 SPAIN: Development of underground storage capacity on the country's North-South axis.

G03/95 942 Natural gas underground storage at Nueva Carteya. Feasibility study.

G04/95 1332,5 Natural gas underground storage at Huete. Feasibility study.

G12/96 504 Natural gas underground storage at Valle del Ebro (North-South axis). Preliminary seismic survey.

G13/96 504 Natural gas underground storage at Cuenca de Cantabria (North-South axis). Preliminary seismic survey.

G14/96 971,5 Natural gas underground storage at Brihuega (North-South axis). Drilling of one exploration well.

G15/96 197 Natural gas underground storage at Cerro Gordo (North-South axis). Preliminary seismic survey.

G31/97 2097,5 Underground gas storage at Huete. Detailed feasibility study (stages 1 and 2), including drilling of a first exploratory well and geological and seismic reservoir studies.

G43/99 4207,1 Underground natural gas storage of Brihuega. Drilling of an exploration well and implementation of a 3D seismic campaign.

G57/00 1502,55 Underground gas storage facility at Sarinena. Technical feasibility study including drilling of an exploration well.

Total: g08 12258,15

g08a SPAIN: Development of underground storage capacities on the Mediterranean axis.

G11/96 589 Natural gas underground storage at Jumilla and Reus (Mediterranean axis) / Preliminary seismic survey.

G42/99 2253,8 Underground natural gas storage of Reus. Drilling of an exploration well.

Total: g08a 2842,8

g11 BELGIUM: Extending existing underground storage capacity in northern Belgium.

G35/98 3391 Extension of the Loenhout Gas storage. Technical study (drilling campaign) in order to evaluate results obtained from the preparatory (seismic) study.

Total: g11 3391

g12 DENMARK: Extending underground storage capacity by increasing capacity on existing sites or creating a new site close to the frontier with Germany.

G02/95 1487,5 Toender natural gas storage. Feasibility study.

G18/96 1712 Extension of the natural gas underground storage at Stenlille. Tri-dimensional seismic survey.

G36/98 2546 Storage at Stenlille - drilling and testing of observation/exploration well. Feasibility study.

Total: g12 5745,5

g13 AUSTRIA: Extension and development of underground storage capacities.

G21/96 325 The Eurostorage Baumgarten (ESB) : project to install a new underground storage facility at the cross roads of three major transit pipelines in Baumgarten. Feasibility study.

G29/97 2912 Expansion of the Puchkirchen underground gas storage and its connection to the MEGAL gas pipeline. Detailed feasibility and technical study for locating and construction of wells, facilities and pipeline including seismic, geological and reservoir studies, reservoir simulation, detailed technical planning, documents for authorisation, specification for tenders, right of

Total: g13 3237

g15 UNITED KINGDOM: Developing underground gas storage facilities.

G46/99 75 Northern Ireland: Strategic Natural Gas Storage Related to Security of Supply. Feasibility study to access the options for natural gas storage in Northern Ireland and the technical requirements and environmental aspects of such options. (Application G39/98)

Total: g15 75

H Increasing transmission capacity (gas delivery pipelines) necessary to meet demand and diversification of supply sources and routes for natural gas

h03 NORWAY - DENMARK - SWEDEN - FINLAND - RUSSIA - BALTIC STATES: Creation and development of connections between the networks of these countries with a view to setting up an integrated gas network.

G08/96 600 Nordic natural gas grid. Overall feasibility study.

G37/98 608 Gas Transmission Pipeline Nybro - Dragor with a connection to Stenlille gas Storage. Technical and environmental study.

G51/99 1750 The Baltic natural gas Interconnector project. Detailed feasibility study.

G56/99 1250 Integrated gas and electricity study in the Baltic Sea Region.

G59/00 1000 Mid-Nordic Gas Pipeline. Preparatory, feasibility, technical, economic and environmental study.

Total: h03 5208

h06 RUSSIA - UKRAINE - EU: Increasing transport capacity to the European Union from Russian resources via the main existing axis through the Ukraine, Slovakia and the Czech Republic.

G25/97 1500 The TAG III gas pipeline, from Baumgarten to the Italian border along the routings of TAG I and TAG II. Technical, economical and environmental feasibility study.

Total: h06 1500

h13 GERMANY - CZECH REPUBLIC - AUSTRIA - ITALY: Construction of a system of connecting pipelines between the German, Czech, Austrian and Italian gas networks.

G20/96 21 The PENTA Main (North-South) pipeline system. Technical feasibility study of alternative routes, including evaluation of costs and environmental impact.

Total: h13 21

h14 RUSSIA - UKRAINE - SLOVAKIA - HUNGARY - SLOVENIA - ITALY: Construction of a new gas pipeline, from Russian resources, to Italy.

G07/96	1450	Italian section of the VOLTA natural gas pipeline: from Slovenia/Italian border to Ostiglia. Detailed route design and way leaves and preparation of detailed environmental impact assessment and other documents required for authorisations.
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Total: h14 1450

h17 DENMARK - POLAND: Construction of a gas pipeline through Denmark to Poland.

G48/99	1000	The POLPIPE project: Denmark - Poland natural gas interconnection through Baltic Sea. Study of costs, technical and environmental aspects.
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G60/00	2886	Denmark - Poland: Transmission pipeline from Nybro Gas Treatment Plant through Denmark and Interconnection through the Baltic Sea to Poland. Environmental Impact Assessment (EIA) study.
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Total: h17 3886

ANNEX III Progress achieved on specific TEN-ISDN / Telecom projects

Generic Services

Call 1997/1

(O.J. C84, 15/03/1997)

HMS	€123.900	SE	Posten AB Sweden		T.C.
<i>HYBRID MAIL SERVICE</i>					
IBUT I	€149.800	DE	TECHNISCHE UNIVERSITAT DRESDEN		T.C.
<i>ISDN BOT USER TRIAL (FIRST PHASE)</i>					
NITOURA I	€150.000	FR	Syndicat Intercommunal des Inforoutes de L'Ardeche		T.C.
<i>NEW INFORMATION TECHNOLOGIES TO OPEN UP RURAL AREAS</i>					
TELEPOLIS	€1.008.981	BE	LCL Belgium NV	07/1999	T.C.
<i>LOCAL INCOME FOR CONTENT PROVIDERS THROUGH BILLING AND CLEARING</i>					
TEN-ICO-SAT-NET	€512.000	UK	ICO Global Communcations		T.C.
<i>TRANS-EUROPEAN NETWORKS VIA ICO SATELLITE NETWORK</i>					

Applications and Services for SMEs

AGR.EL.MA	€148.895	IT	New Line		T.C.
<i>ON LINE TRANSACTION DATABANK OF AGRICULTURAL, FOOD AND BREEDING PRODUCTS</i>					
EURO-JOINIT	€1.167.200	GB	THE WELDING INSTITUTE	10/2000	Open
<i>TRANS-EUROPEAN TELEMATIC ADVISORY NETWORK IN JOINING TECHNOLOGIES FOR SMES IN THE AUTOMOTICE SECTOR</i>					
LOGICIP	€290.298	FR	COMPAGNIE DES DIRIGEANTS D'APPROVISIONNEMENT0 ET ACHETEURS DE FRANCE	4/1999	T.C.
<i>LOGICIEL INTERACTIF POUR LA COOPÉRATION INTER-ENTREPRISES ET LE PARTENARIAT</i>					
NABUCCO	€800.000	BE	G.E.I.E. Eurodeveloppement	09/1999	T.C.
<i>NETWORK FOR ACCESS TO BUSINESS CONNECTION AND COOPERATION FOR SMES</i>					

Health

MELIC	€1.814.000	ES	Inst. Municip. Investigacio Mèdica	09/1999	T.C.
<i>MULTIMEDIA HEALTH INFORMATION FOR CITIZENS</i>					
TELE-REMEDY	€1.600.000	GR	OTE SA	12/1999	T.C.
<i>REMOTE DIAGNOSIS MANAGEMENT AND EDUCATION IN CONGENITAL HEART DISEASE</i>					
TEN-TELEMED	€1.400.000	FR	MEDES, Institut de Médecine et Physiologie Spatiales	09/1999	T.C.
<i>TRANS-EUROPEAN NETWORKS FOR TELEMEDICINE</i>					

The total contribution is **€9.165.074** for **12** projects from Call **1997/1** committed on budget **1997**

Call 1997

(O.J. C162, 6/06/1996)

TeleTourism/SME Joint Call

BIRD	€30.000	DK	Destination Bornholm	04/2000	T.C.
<i>REGION OF BORNHOLM</i>					
BRANDEBURG	€190.000	DE	TourBU		T.C.
<i>REGION OF BRANDEBURG</i>					
CORSICA ON-LINE	€194.950	FR	Société Informatique et Télématique Corse	04/2000	T.C.
<i>REGION OF CORSICA</i>					
CRETAN TOURNET	€299.525	GR	Region of Crete	04/2000	T.C.
<i>REGION OF CRETE</i>					
NETUR	€129.083	PT	Madeira Tecnopolo	04/2000	T.C.
<i>REGION OF ACORES AND MADEIRA</i>					
NEWSITE	€200.000	UK	Northumbria Tourist Board	04/2000	T.C.

<i>REGION NORTH OF ENGLAND</i>					
OCIS	€130.000	AT	Kärtner Tourismus GmbH	04/2000	T.C.
<i>REGION OF CARINTHIA</i>					
TOMMI	€230.000	DE	Chamber of Commerce Schwerin	04/2000	T.C.
<i>REGION OF MECKELBURG-VORPOMMEN</i>					
TORGANET	€200.000	ES	TURGALICIA	04/2000	T.C.
<i>REGION OF GALICIA</i>					
TOSCANA NEL MONDO	€169.833	IT	Toscana Nel Mondo	04/2000	T.C.
<i>REGION OF TOSCANA</i>					
TOURSAX	€230.000	DE	Aufbauwerkregierungsbezirk Leipzig GmbH	04/2000	T.C.
<i>REGION OF SAXONY</i>					
TRIPS	€360.000	IE	Board Failte Eireann	04/2000	T.C.
<i>REGIONS OF IRELAND AND NORTH IRELAND</i>					
TURNET	€135.000	ES	Centro para el Desarrollo de las Telecomucaciones de Castilla y Leon	04/2000	T.C.
<i>REGION OF CASTILLA Y LEON</i>					
UNPLITOUR	€200.000	IT	Unione Nazionale pro Loco d'Italia	04/2000	T.C.
<i>REGION OF VENETO</i>					
X-SITE	€119.950	FI	Finnish Tourist Board	04/2000	T.C.
<i>REGION OF NORTH KARELIA</i>					

The total contribution is **€2.818.341** for **15** projects from Call **1997/ETD** committed on budget **1997**

Call 1997

(O.J. C381, 17/12/1996)

Educational MultiMedia Joint Call

ASTEP	€705.000	GB	Heriot-Watt University	10/1999	Open
<i>ADVANCED SOFTWARE FOR TEACHING AND EVALUATION OF PROCESSES</i>					
EASI-ISAE	€400.695	GB	University of Derby	10/1999	Open
<i>VOCATIONAL TRAINING SOFTWARE AND TOOLS TO ASSIST INTELLECTUAL AUTHORS AND SOFTWARE DEVELOPERS IN THE PRODUCTION OF MULTIMEDIA</i>					
ETUDE	€438.464	BE	European Trade Union College	10/1999	Open
<i>EUROPEAN TRADE UNION DISTANCE EDUCATION</i>					
EUN-MULTIMEDIA	€1.168.000	SE	Committee on European Schoolnet	10/1999	T.C.
<i>EUROPEAN MULTIMEDIA SCHOOLNET</i>					
EXE	€1.219.400	IT	Commune di Bologna	10/1999	T.C.
<i>EXTRANET EDUCATION</i>					
IN-TELE	€624.000	DE	Frederich-Schiller-Universität	10/1999	T.C.
<i>INTERNET-BASED TEACHING AND LEARNING</i>					
LILIENTHAL	€1.004.743	DE	Lufthansa Flight Training	10/1999	T.C.
<i>MULTIMEDIA OFF AND ON-LINE DISTANCE LEARNING FOR EUROPEAN PILOT TRAINING</i>					
MENTOR	€860.937	GB	University of Hull	10/1999	Open
<i>MULTIMEDIA EDUCATION NETWORK FOR TEACHING, OUTPUT AND RESEARCH</i>					
NETLOGO	€305.916	GR	Doukas School	10/1999	T.C.
<i>THE EUROPEAN EDUCATIONAL INTERACTIVE SITE</i>					
POST-DOC	€682.000	NL	Universiteit Maastricht	10/1999	T.C.
<i>POST GRADUATE TRAINING FOR DOCTORS IN MARGINAL AREAS</i>					
SCHEMA	€688.000	GB	University of Stirling	10/1999	T.C.
<i>SOCIAL CARE AND HIGHER EDUCATION IN MARGINAL AREAS</i>					
VALASPI	€162.000	FR	ARCHI-MED GEIE	10/1999	Open
<i>VALASPI</i>					
VES	€762.458	AT	Bundesgrmium des Handels mit Büchern	10/1999	T.C.
<i>THE VIRTUAL EUROPEAN SCHOOL</i>					

The total contribution is **€9.021.613** for **13** projects from Call **1997/MM** committed on budget **1997**

Call 1998/1

(O.J. C10, 15/01/1998)

Interoperability and Satellite Networks

ACTE SIS	€771.953	BE	BELGAVOX	11/1999	T.C.
<i>ARCHIVES CINEMATOGRAPHIQUES ET TELEVISUELLES: ETUDE DE MARCHE POUR UN SERVICE INTERNET PAR SATELLITE</i>					
AIDMAN	€364.000	GR	Computer Technology Institute	12/2000	T.C.
<i>ADVANCED INFORMATION DISTRIBUTED MEDICAL ACCESS NETWORK</i>					
DEMON	€1.154.235	FR	ALCATEL Espace	10/2000	T.C.
<i>USER ACCEPTABILITY OF WIDE-BAND INTERACTIVE SERVICES OVER SATELLITE INFRASTRUCTURE</i>					
GALENOS	€1.423.800	FR	European Telecommunications Satellite Organisation	10/2000	T.C.
<i>GENERIC ADVANCED LOW-COST TRANS-EUROPEAN NETWORK OVER SATELLITE</i>					
REVENUES	€1.173.750	IT	Finmeccanica S.p.A. - ALENIA AEROSPAZIO Space Division	05/2000	T.C.
<i>RELIABLE VIRTUAL ENTERPRISE NETWORKS UBIQUITOUS OVER EUROSKEYWAY</i>					
SANARIS	€972.254	ES	INDRA ESPACIO SA	05/2000	T.C.
<i>A SATELLITE NETWORK FOR NATURAL RISKS MONITORING WITH FAST DEPLOYMENT AND CLOSE-TO-TARGET CAPABILITIES IN EMERGENCY SITUATIONS</i>					
THEN	€784.688	IT	TELBIO	12/1999	T.C.
<i>TELE-HEALTH EUROPEAN NETWORK</i>					

Interoperability and Mobile Networks

AMON	€600.000	GR	OTE SA	05/2000	T.C.
<i>FEASIBILITY STUDY OF THE BUSINESS CASE OF ADVANCED MULTI-MODE MOBILE NETWORKS</i>					
MOBICAST	€1.076.104	FR	EXPERTEL CONSULTING S.A.	10/2000	T.C.
<i>MOBILE MULTI CASTING</i>					

The total contribution is **€8.320.784** for **9** projects from Call **1998/1** committed on budget **1998**

Call 1998/2

(O.J. C79, 14/03/1998)

Generic Services

BANDWIDTH 2000	€879.520	IE	WATERFORD INSTITUTE OF TECHNOLOGY	10/2000	T.C.
<i>AN INFORMATION INFRASTRUCTURE FOR BANDWIDTH TRADING</i>					
EMERITUS	€329.972	GB	FEDERATION OF THE ELECTRONICS INDUSTRY	05/2000	T.C.
<i>AN E-BUSINESS MODEL FOR THE EFFECTIVE REALISATION OF A TRUST SERVICES INFRASTRUCTURE</i>					
MEDICATE	€1.695.109	GB	CABLE&WIRELESS UK SERVICES LTD	11/1999	Open
<i>MEDICAL DIAGNOSIS, COMMUNICATIONS AND ANALYSIS THROUGHOUT EUROPE</i>					
MIPEX II	€899.715	GB	UNITED KINGDOM PATENT OFFICE	10/2000	Open
<i>MESSAGE BASED INDUSTRIAL PROPERTY INFORMATION EXCHANGE</i>					
SATISFY 2000	€1.932.969	FR	EXPERTEL CONSULTING S.A.	10/2000	Open
<i>SATELLITE MOBILE COMMUNICATION BRINGING ADVANCED APPLICATION AND SERVICES</i>					
TTT-NET	€1.170.000	AT	INFONOVA GesmbH	11/1999	T.C.
<i>TEN-TELECOM TIPHON-NET</i>					

Education and Training

GENESIS	€981.542	IT	TELESPAZIO SPA	10/2000	T.C.
<i>GENERIC NETWORK FOR SATELLITE INTERACTIVE SYSTEMS</i>					

Access to Europe's Cultural Heritage

HORTONET	€82.820	GB	FUTURE HERITAGE	11/1999	T.C.
<i>GLOBAL HORTICULTURAL NETWORK</i>					
IBUT 2	€600.000	DE	DEUTSCHE TELEKOM AG	06/2000	T.C.

Applications and Services for SMEs

DIGITAL MARKET	€514.586	IT	Confederazione Nazionale dell' Artigianato e della Piccola Impresa	10/2000	T.C.
<i>DIGITAL MARKET IN MEDIUM SIZE CITIES</i>					
ENINFO	€604.753	ES	IBERICA DE ESTUDIOS E INGENIERIA S.A.	11/1999	T.C.
<i>ENVIRONMENTAL VENTURE INCENTIVE INFORMATION</i>					
HERMES	€998.598	IT	ELSAG SISTEMI	11/1999	T.C.
<i>HYBRID EUROPEAN REMOTE MAIL EXCHANGE SERVICE</i>					
INFO@SEA	€750.000	GR	INTRACOM S.A.	05/2000	T.C.
<i>INFORMATION AND E-COMMERCE SERVICE TO THE SHIPPING INDUSTRY</i>					
NEA	€1.300.000	IT	TDS Informationstechnologie AG	10/2000	T.C.
<i>NETWORK ENTERPRISE APPLICATIONS</i>					
UFOS	€340.000	FR	ACRI	10/2000	T.C.
<i>ULTRA VIOLET FORECASTING OPERATIONAL SERVICE</i>					

Transport and Mobility

A-CDM-D	€686.015	FR	AIRSYS ATM S.A.	10/2000	T.C.
<i>AIR COLLABORATIVE DECISION MAKING DEMONSTRATOR</i>					
SIPTS	€500.000	FI	OY NOVACALL AB	10/2000	T.C.
<i>SERVICES FOR INTELLIGENT PUBLIC TRANSPORT SYSTEMS (SIPTS)</i>					
TESSYN	€388.171	FR	ALCATEL SPACE INDUSTRIES	02/2000	T.C.
<i>TRANS EUROPEAN SATELLITE BASED SYSTEM FOR NAVIGATION</i>					

Environment and Emergency Mgmt

MULTIMETEO XXI	€574.000	FR	LEXIQUEST	05/2000	T.C.
<i>MULTILINGUAL PRODUCTION OF WEATHER FORECASTS INTO THE XXI CENTURY</i>					

Health

TEN-CARE	€1.800.000	DE	Empirica Gesellschaft für Kommunikations- und Technologieforschung GmbH	05/2000	T.C.
<i>TELECOMMUNICATIONS-BASED HOME CARE SERVICES FOR EUROPEAN CITIZENS</i>					

The total contribution is **€17.027.770** for **20** projects from Call **1998/2** committed on budget **1998**

Generic Services

NITOURA 2	€1.078.225	IE	WATERFORD INSTITUTE OF TECHNOLOGY	10/2000	T.C.
<i>NEW INFORMATION TECHNOLOGIES TO OPEN UP RURAL AREAS</i>					

Education and Training

MD EUROPE	€507.703	FI	Tieto Corporation Ltd, Services and Transportation	10/2000	Open
<i>MULTIMEDIA DELIVERY EUROPE</i>					
OTIS	€510.000	GB	The University of Liverpool	10/2000	Open
<i>OCCUPATIONAL THERAPY INTERNET SCHOOL</i>					

Access to Europe's Cultural Heritage

VAN EYCK 2	€283.036	NL	Rijksbureau voor Kunsthistorische Documentatie	10/2000	Open
<i>VISUAL ARTS NETWORK FOR THE EXCHANGE OF CULTURAL KNOWLEDGE 2</i>					

Applications and Services for SMEs

CLISME	€389.679	FI	VTT Technical Research Centre of Finland	10/2000	Open
<i>CLIENT SERVICE SYSTEM FOR SME INTERMODAL OPERATOR</i>					
DECODE	€262.875	ES	NEXTEL S.A.	10/2000	Open
<i>DEVELOPMENT AND VALIDATION OF ELECTRONIC COMMERCE FOR SMALL AND MEDIUM SIZED ENTERPRISES</i>					

Transport and Mobility

DSTM	€392.089	IT	TELESPAZIO SPA	12/2000	Open
<i>DATA SERVICES FOR TRANSPORT AND MOBILITY USERS</i>					

Health

CITRON	€1.275.411	ES	Compañía de Seguros Adeslas	10/2000	Open
<i>INTEGRATED DELIVERY NETWORKS FOR CITIZENS HEALTH</i>					

Cities and Regional Networks

E-GAP	€1.700.000	BE	International Business Machines of Belgium	10/2000	Open
<i>ELECTRONIC BUSINESS GUARDIAN ANGEL PROGRAM</i>					

The total contribution is **€6.399.018** for **9** projects from Call **1998/2** committed on budget **1999**

Call **1998/3**

(O.J. C79, 14/03/1998)

Support Action

TELECOM 2000	€988.754	IT	FINSIEL CONSULENZA E APPLICAZIONI INFORMATICHE		Open
<i>TELECOM 2000 - EFFECTIVENESS WITH CO-ORDINATION AND PROMOTION</i>					
TUSAM	€134.600	GB	HUSAT Research Institute		Open
<i>TEN-TELECOM USER AND MARKET SUPPORT</i>					

The total contribution is **€1.123.354** for **2** projects from Call **1998/3** committed on budget **1998**

Support Action

BPS	€850.650	DE	SystemConsult Theis & Partner GmbH		Open
<i>GUIDANCE AND ASSISTANCE IN PREPARING AND IMPROVING THE BUSINESS PLAN OF TEN TELECOM FUNDED PROJECTS</i>					

The total contribution is **€850.650** for **1** project from Call **1998/3** committed on budget **2000**

Call **1999/1**

(O.J. C56, 26/02/1999)

Generic Services

PROCAST	€669.104	IT	Unisource Italia S.p.A.	10/2000	T.C.
<i>PROCAST: FROM EXTENDED PEERING TO EXTENDED SERVICES</i>					
TTT-SERVICES	€1.400.000	AT	INFONOVA Gesmbh	10/2000	T.C.
<i>TEN TELECOM TIPHON - SERVICES</i>					
VIP-TEN	€500.000	IT	Finmeccanica S.p.A. - ALENIA AEROSPAZIO Space Division	10/2000	T.C.

Applications and Services for SMEs

CHAMBERPASS	€304.407	BE	EUROCHAMBRES ASBL		Open
<i>A WORLD CLASS INTERNET BASED BUSINESS SUPPORT SERVICE FOR SMES</i>					
ENSCUBE	€1.346.107	FR	Centre Européen de Recherche et de Formation Avancée en Calcul Scientifique		Open
<i>EUROPEAN NUMERICAL SIMULATION SERVICES FOR SME'S</i>					
ESW	€694.998	FR	Groupe LGS France S.A.		Open
<i>EUROPEAN SOCIAL WEB</i>					
IN REBUS	€500.000	IT	Telecom Italia Net		Open
<i>INTERNET RESEARCH SYSTEM FOR BUSINESS</i>					
PROMIS	€620.717	DE	FUTUREtec - Gesellschaft für angewandte Informatik mbH		Open
<i>PROCESS ORIENTED INTEGRATED QUALITY MANAGEMENT INTERNET SERVICES FOR SMES</i>					

Transport and Mobility

EURASKA	€649.898	FR	Webraska Mobile Technologies S.A.		Open
<i>VALIDATION OF THE EUROPEAN DEVELOPMENT OF THE WEBRASKA'S ASKAROUTE SERVICE</i>					

Environment and Emergency Mgmt

ERNET	€712.670	ES	SEGASA - Serveis Generals d'Abocadors S.A.		Open
<i>EUROPEAN MATERIALS AND PRODUCTS RECYCLING NETWORK</i>					
GENESIS 2000	€800.000	FR	Matra Systemes & Information S.A. AND European Space Agency		Open
<i>GEOSPATIAL EMERGENCY MANAGEMENT NETWORK FOR SUPPORT BY IMAGERY SERVICES</i>					
RIMS	€912.037	FR	Bull S.A.		Open
<i>RISK MANAGEMENT SYSTEMS</i>					
RIPOSTE	€1.257.274	FR	Thomson-CSF Services Industrie		Open
<i>RIVER POLLUTION STATUS IN EUROPE</i>					

Health

TEN-HMS	€1.400.000	DE	Agilent Technologies GmbH		Open
<i>EUROPEAN HOME-CARE MANAGEMENT SYSTEMS</i>					

Cities and Regional Networks

CLAIM	€980.000	IT	CONSORZIO PISA RICERCHE		Open
<i>CITIZENS AND LOCAL AUTHORITIES INTERACTION MANAGEMENT</i>					
PLANUM	€197.000	IT	Istituto Nazionale di Urbanistica	10/2000	T.C.
<i>THE EUROPEAN JOURNAL OF PLANNING ON-LINE</i>					
SERCAL	€985.000	NL	VESTIA GROEP		Open
<i>SERVICE CENTER SOLUTION FOR AUTONOMOUS LIVING</i>					
VIRTUHALLS	€1.297.000	NL	CASEMA PLC	11/2000	Open
<i>VIRTUHALLS - EARLY DEPLOYMENT OF VIRTUAL HALLS ON THE CITY WIDE INTRANETS (Initial Deployment Project)</i>					

The total contribution is **€15.226.212** for **18** projects from Call **1999/1** committed on budget **1999**

Call **2000/1**

(O.J. C77, 17/03/2000)

Generic Services

@WORK4HOMES	€1.930.358	BE	CECODHAS		Neg.
<i>TRANS-EUROPEAN NETWORKS PROVIDING 21ST CENTURY HOUSING TO EUROPE'S TENANTS</i>					

COSEAG	€126.299	DE	TRUSTED SHOP GMBH	Contract
<i>CONSUMER PROTECTION SEAL: ASSURANCE AND MONEY-BACK-GUARANTEE</i>				
E-DIAMOND	€0	IT	VITROCISSET SPA	Neg.
<i>DISTRIBUTED AND MULTIFACETED ONLINE E-TRADING NETWORKS</i>				
EOLT	€2.492.820	IT	Investnet Italy spa	Contract
<i>EUROPEAN ON LINE TRADING</i>				
EURTRADENET	€964.988	ES	NEW KNOWLEDGE NETWORK, S.A.	Contract
<i>INFORMATION AND SERVICES BROKERAGE FOR FOREIGN TRADE</i>				
OCTABLE	€857.454	FR	E-ACUTE	Neg.
<i>ALTERNATIVE KEYBOARD FOR THE DISABLED</i>				
ONLINE CONFIDENCE	€2.400.928	BE	EUROCHAMBRES ASBL	Contract
<i>AN ON-LINE DISPUTE RESOLUTION SERVICE THAT WILL GIVE BUYERS AND SELLERS ACCESS TO AN OUT OF COURT PROCESS WHICH WILL BE EFFECTIVE, INDEPENDENT AND FAIR</i>				
TELEBEN	€667.000	ES	GAIA, ASOCIACION DE INDUSTRIAS DE LAS TECNOLOGIAS	Contract
<i>TELEMATIC SUPPORTED BUSINESS EXCELLENCE NETWORK</i>				

Education and Training

METAFOR	€1.616.849	FR	ALCATEL SPACE INDUSTRIES	Neg.
<i>DISTANCE LEARNING BY SATELLITE</i>				
VINCITEC	€730.624	ES	ASOCIACIÓN EUROPEAN SOFTWARE INSTITUTE	Contract
<i>VIRTUAL TRAINING CENTRE IN INFORMATION TECHNOLOGY</i>				
WEBSCHOOL	€778.298	IT	Seat Pagine Gialle Spa - Telecom Italia Net (SEAT SPA)	Neg.
<i>EUROPEAN PORTAL FOR SHARED LEARNING, DISTANCE TRAINING AND E-COMMERCE</i>				

Access to Europe's Cultural Heritage

CHANCE	€1.890.500	IT	ENGINEERING INGEGNERIA INFORMATICA S.P.A.	Contract
<i>CULTURAL HERITAGE ACCESS THROUGH NETWORKED SERVICES FOR EDUTAINMENT MARKET</i>				
EPRINT	€196.772	ES	CONSULTORES ASOCIADOS SL	Contract
<i>ELECTRONIC COMMERCE IN THE EUROPEAN PRINTING INDUSTRIES</i>				

Applications and Services for SMEs

E-CERAMICS	€1.119.880	GR	V.ALEKSANDRIDIS AND CO	Contract
<i>INTEGRATED MULTI-SERVICE PROVISION SYSTEM FOR SMES IN THE CERAMICS SECTOR</i>				
E-TEN	€1.196.465	GB	CABLE&WIRELESS UK SERVICES LTD	Contract
<i>EUROPEAN TENDERING EXCHANGE NETWORK</i>				
EINER	€785.000	FR	CHAMBRE DE COMMERCE ET D'INDUSTRIE NICE-COTE D'AZUR	Contract
<i>ECONOMIC INTELLIGENCE NETWORK FOR EUROPEAN REGIONS</i>				
ENVIRO2B.COM	€1.000.000	FR	ENVIRO2B.SA	Neg.
<i>FIRST EUROPEAN B2B MARKETPLACE FOR THE ENVIRONMENT</i>				
EURO-LOGO	€821.585	BE	EUROCOMMERCE	Neg.
<i>EURO-LOGO</i>				
FEM	€227.500	GB	DEE ASSOCIATES (Business Consultants) Limited	Neg.
<i>FEDERATED EXPORT MARKETING - MARKET RESEARCH FOR SMES</i>				
NAUTICA EUROPA	€912.458	IT	LOGITAL srl	Contract
<i>AN EUROPEAN INTEGRATED SYSTEM FOR SERVICES MANAGEMENT OF LEISURE BOATING AND NAUTICAL TOURISM</i>				
SOHONET.EU	€401.205	GB	Sohonet Ltd	Contract
<i>SOHONET EUROPEAN BROADBAND MEDIA SERVICES NETWORK</i>				

Transport and Mobility

TECAPSY	€458.380	ES	SOCIEDAD IBERICA DE CONSTRUCCIONES ELECTRICAS SA	Contract
<i>TRANS-EUROPEAN CARPOOLING AND PARKING SERVICES</i>				

Environment and Emergency Mgmt

E-FIS	€977.655	ES	IBERICA DE ESTUDIOS E INGENIERIA S.A.	Contract
<i>EUROPEAN ON-LINE DECISION SUPPORT SYSTEM FOR FOREST FIRE</i>				
ENVIRONET	€1.249.996	GB	CAMBRIDGE AND DISTRICT CHAMBER OF COMMERCE AND INDUSTRY	Contract
<i>TRANSNATIONAL ENVIRONMENTAL NETWORKS</i>				
WADEF	€489.307	ES	ACTUACIONES MEDIAMBIENTALS S.A.	Contract
<i>WASTE DERIVED FUEL VIRTUAL OFFICE</i>				

Health

E-MED	€1.199.702	GR	BUSINESS ARCHITECTS S.A.	Neg.
<i>UTILIZATION OF DIGITAL ECONOMY FOR THE REIMBURSEMENT OF MEDICAL SERVICES</i>				
EUROPANET	€809.203	ES	SEMA GROUP SAE	Neg.
<i>EUROPEAN PSYCHO-PEDAGOGICAL ASSISTANCE NETWORK</i>				
MEDISIGNAL	€1.170.193	DE	SOLINET GMBH TELECOMMUNICATIONS	Neg.
<i>A COST EFFECTIVE SOLUTION FOR REMOTE MONITORING, SUPPORT AND CONSULTATION IN THE HEALTH CARE SECTOR</i>				
SPRING	€494.300	ES	SADIEL S.A.	Contract

Cities and Regional Networks

SENIOR ONLINE	€720.365	AT	PUBLIC VOICE LAB - LABOR ZUR FORDERUNG VON ALLTAGS	Neg.
<i>SENIOR ONLINE MARKET VALIDATION</i>				
SUPER	€2.026.100	IT	COMUNE DI BOLOGNA	Neg.
<i>SINGLE UNIFIED PORTAL FOR ENTERPRISE'S REQUESTS TO PUBLIC ADMINISTRATIONS</i>				
VICENT	€589.166	ES	FUNDACION ROBOTIKER	Contract
<i>VIRTUAL CENTRE FOR BUSINESS DEVELOPMENT AND INNOVATION</i>				

The total contribution is **€31.301.350** for **32** projects from Call **2000/1** committed on budget **2000**

ANNEX IV : Summary of progress on the 14 “Essen” transport projects

PROJECT	LENGTH (km)	COST (MECU)	PLANNING / AUTHORISATIONS	FINANCING	PROGRESS ON WORKS
1) <i>High Speed train/combined transport North-South</i>	958	15000	Building permissions progressively awarded for different sections. Design studies for base tunnel by EEIG under way since beginning 2000	<i>Berlin-Nürnberg</i> : traditional financing on basis of investment agreements between State and railways <i>Nürnberg – München</i> : pre-financed by DB. Kufstein – Innsbruck: fund provision by SCHIG. Brenner base tunnel: PPP solution under examination.	<i>Berlin-Leipzig</i> : completed. <i>Leipzig-Nürnberg</i> : timing for full revision of HST line under revision. <i>Nürnberg-Munch</i> : works started. <i>Kufstein – Innsbruck</i> : preparatory works started. <i>Brenner base tunnel</i> : at design stage. Upgrading of section between Verona and Italian/Austrian border: civil works completed, technological upgrading to be completed by 2003.
2) <i>Paris –Brussels-Köln/Frankfurt-Amsterdam-London (PBKAL)</i>	1176	17 232	All necessary permissions have been obtained for all parts of project (D, NL, UK, B).	PPP approaches for UK and NL parts. (NL: private sector involvement foreseen for last stage of construction and operation). D and B: financing secured via the public sector.	Construction works well under way on Belgian, UK, NL and German sections. Completion aimed at for 2002/07 ¹ (D), 2005 (B, NL), 2007 (UK)
3) <i>High Speed Train South</i>	1 601	14 072	Planning for all sections ready in 2000 except for international section (Mediterranean branch). Technical studies ongoing for international section n (undertaken by Intergovernmental Conference and EEIG). Studies launched for the Madrid-Valladolid-Medina del Campo-Vitoria-Pais Vasco sections (Atlantic Branch).	Largely depending on public sector programme. PPP solution to be examined for the international section.	Construction work for Madrid-Lleida section to be finalised by 2002. Completion of whole Mediterranean branch in Spain and of international section (Figueras-Perpignan) aimed at by 2004/2005.
4) <i>HST Paris eastern France- south-western Germany (TGV Est)</i>	551	4777	Permissions available for D part. <i>F part</i> : studies completed; decision on 1 st phase (Vaires – Baudrecourt; construction of new HST	France: Agreement reached between government and regions on financing of first phase. Financial package secured with fundamental TENs contribution.	Upgrading works under way on German section. As regards the F section, preliminary works to begin shortly, studies about to be completed, major works will begin in spring 2002, completion of 1 st phase aimed at by 2006/

¹ Köln-Frankfurt: 2002; Köln-Aachen: 2007

			line) taken at government level. Tender procedure for studies and preparatory works completed.		Sevice 1 st quarter 2007.
5) <i>Betuwe Line</i>	160	4094	All necessary political and administrative decisions have been taken.	Construction work completely to be financed by the public sector; operation by private companies foreseen.	The Dintelhaven Bridge already completed; the first tube of the Botlek tunnel completed and the construction of the second started; in 2000 the civil works for the Zevenaar Tunnel started and works were well under way at Barendrecht near the existing station. Completion of main line foreseen for 2005.
6) <i>High Speed Train / Combined Transport - Lyon-Turin-Trieste</i>	734	18 260	France: Déclaration d'Utilité Publique launched for Lyon-Montmélián section; APS studies for freight axes ongoing. Political decision to start implementation of the Lyon-Montmélián taken in January 2001. Italy: authorisation procedures launched for Torino-Venezia	International section secured for studies. For implementation: financing plan to be developed and sources to be found. As regards Lyon-Montmélián section, financing from national budget.	Works started in some key nodes and their access lines in Italy. Technical studies on-going on international section, important decisions by F and I awaited for Autumn 2001. First phase completed. Padua-Mestre and Torino-Milano works are expected to start in 2001 and to be completed by 2006.
7) <i>Greek Motorways (PHATE / Egnatia)</i>	1580	9242	Building permissions awarded for almost all sections. Technical studies and tendering procedures under way for others.	Substantial support from ERDF and Cohesion Fund. Three PPP-schemes on PATHE. PPP schemes also under consideration for Egnatia.	Work ongoing on several sections of PATHE and Egnatia, including PPP schemes. So far, 422km out of the 730 km of the PATHE motorway constructed, 71 km under construction, 35 km tendered for and 45 km at feasibility and 157km at detailed study phase. In 2000 98 km of the EGNATIA motorway open to traffic and construction in progress on 78 sites over 455 km.
8) <i>Multimodal link Portugal-Spain – Europe</i>		6212	Procedures completed for certain sub-projects; technical studies under way for others. Common report on definition of projects submitted by P and ES Authorities end 1999.	Substantial support from ERDF and Cohesion Fund expected; project included in CSF III for Portugal (2000-2006) during negotiations in 2000.	Studies and works on sections of Linha do Norte, Linha Oporto-Vigo-Coruña, Linea Fuentes de Oñoro-Valladolid, Linha do Minho; Beira Baxa, Linha do Algarve (rail) and Lisboa-Valladolid (road) under way; studies on further projects : new Lisbon Airport, Porto and Faro airports and several main ports.
9) <i>Conv. rail link Cork-Dublin-Belfast-Larne-Stranraer</i>	502	357	All completed.	No difficulties. Significant ERDF and Cohesion Fund support.	Cork-Dublin-Belfast section completed; remainder awaiting finalisation of transport strategy.
10) <i>Malpensa Airport</i>		1 047	All completed .	Financing in place	Project completed.

<i>11) Öresund Fixed road/rail Link</i>	52.5	4158	All completed	Financing completed	Opening of the fixed link on 1 July 2000.
<i>12) Nordic Triangle Multimodal corridor</i>	1 800	10 070	Building permissions progressively awarded for sections; technical studies under way for others, for example: City-Tunnel Malmö.	Financing partly secured, but completion of remaining sections depends upon national investment decisions – global cost for the period 2000-2010 to be reassessed.	Work under way on E 18 and E 6 roads. On the main rail axes in Finland and Sweden some major works have been finalised and others are ongoing. Construction of a new runway in Arlanda has been completed and the passenger train service to Stockholm has been opened.
<i>13) Ireland-UK-Benelux road link</i>	1530	3 629	Some studies on various sections under way in England and Scotland.	Birmingham Northern Relief Road being implemented as a private concession. Other projects depend on public sector programmes, under review.	Certain feasibility/capacity studies completed; construction of BNRR began in 2000.
<i>14) West Coast Main Line</i>	850	3000	Technical and preparatory studies nearly completed. Construction work started.	Financing secured as a public-private partnership	Construction work started on re-signalling. Completion aimed at by 2005.

ANNEX V : Community financial support in 2000 for the co-financing of actions related to Trans-European Network Projects in the energy sector

Registration number of the action	IDENTIFICATION OF THE PROJECT - MEMBER STATE - COMPANY SUBJECT OF THE ACTION - MAIN SCOPE OF THE ACTION	Maximum eligible cost of the action (in € 000)	Community financial support as percentage of the eligible cost (in %)	Maximum amount of the Community financial support (in € 000)
S T U D I E S				
E114/00	<p>b11 Sweden, Finland Svenska Kraftnät, Fingrid Oyi</p> <p>Increasing the electricity transmission capacity between Finland and Sweden by constructing a new interconnection.</p> <p>Pre-feasibility, pre-environmental and evaluation study.</p>	261.5	50	130.75
E115/00	<p>d15 Sweden Svenska Kraftnät</p> <p>Increased electricity transfer capability between Sweden and Norway.</p> <p>Evaluation and technical study.</p>	109.4	50	54.7

Registration number of the action	IDENTIFICATION OF THE PROJECT - MEMBER STATE - COMPANY SUBJECT OF THE ACTION - MAIN SCOPE OF THE ACTION	Maximum eligible cost of the action (in € 000)	Community financial support as percentage of the eligible cost (in %)	Maximum amount of the Community financial support (in € 000)
E116/00	<p>d10 United Kingdom National Grid Company</p> <p>United Kingdom - Norway electricity Interconnector.</p> <p>Economic feasibility and engineering studies.</p> <p>Extension to Contract XVII/5.7100/Z/97-07 (E73/97, E109/99).</p>	4600	50	2300
E117/00	<p>b15 United Kingdom National Grid Company</p> <p>The Netherlands - United Kingdom electricity Interconnector.</p> <p>Feasibility study (Phase 2), including sea bed survey.</p>	4106	50	2053
E118/00	<p>b07 Spain, France REE, EdF</p> <p>Increased electricity interconnection France - Spain in the East of Pyrenees area.</p> <p>Technical study of network strengthening, environmental feasibility analysis of the solutions and identification of a route for the electricity lines.</p>	788.3	50	394.15

Registration number of the action	IDENTIFICATION OF THE PROJECT - MEMBER STATE - COMPANY SUBJECT OF THE ACTION - MAIN SCOPE OF THE ACTION	Maximum eligible cost of the action (in € 000)	Community financial support as percentage of the eligible cost (in %)	Maximum amount of the Community financial support (in € 000)
E119/00	<p>c06 Spain REE</p> <p>Strengthening and completion of the Northwest - French border axis: Boimente - Narcea 400 kV electricity line.</p> <p>Feasibility, environmental study and basic engineering.</p>	1054	50	527
E125/00	<p>b13 United Kingdom Northern Ireland Electricity</p> <p>Increased electricity interconnection between Northern Ireland and the Republic of Ireland.</p> <p>Technical and economic feasibility study including environmental impact study.</p>	1610	50	805
E128/00	<p>b13 Ireland Electricity Supply Board</p> <p>Increased electricity interconnection between the Republic of Ireland and Northern Ireland.</p> <p>Technical and economic feasibility study including environmental impact study.</p>	1705	50	852.5

Registration number of the action	IDENTIFICATION OF THE PROJECT - MEMBER STATE - COMPANY SUBJECT OF THE ACTION - MAIN SCOPE OF THE ACTION	Maximum eligible cost of the action (in € 000)	Community financial support as percentage of the eligible cost (in %)	Maximum amount of the Community financial support (in € 000)
E129/00	d09 Greece PPC Electricity interconnection Greece - Turkey. Technical and environmental study (Phase 2).	700	50	350
G57/00	g08 Spain ENAGAS Underground gas storage facility at Sarinena. Technical feasibility study including drilling of an exploration well.	3005.1	50	1502.55
G59/00	h03 Finland Pohjolan Voima Oy Mid-Nordic Gas Pipeline. Preparatory, feasibility, technical, economic and environmental study.	2000	50	1000

Registration number of the action	IDENTIFICATION OF THE PROJECT - MEMBER STATE - COMPANY SUBJECT OF THE ACTION - MAIN SCOPE OF THE ACTION	Maximum eligible cost of the action (in € 000)	Community financial support as percentage of the eligible cost (in %)	Maximum amount of the Community financial support (in € 000)
G60/00	<p>h17 Denmark DONG</p> <p>Denmark - Poland: Transmission pipeline from Nybro Gas Treatment Plant through Denmark and Interconnection through the Baltic Sea to Poland.</p> <p>Environmental Impact Assessment (EIA) study.</p>	5772	50	2886
G61/00	<p>f05 Spain, France SGE, GSO</p> <p>France - Spain natural gas interconnection through the western border area.</p> <p>Technical and environmental study and economic and financial evaluation.</p>	1822.7	50	911.35
TOTAL		27534		13767

ANNEX VI : TEN-Telecom projects financed in 2000 following the 2000 call for proposals

Call 2000/1

(O.J. C77, 17/03/2000)

Generic Services

@WORK4HOMES	€1.930.358	BE	CECODHAS	Neg.
<i>TRANS-EUROPEAN NETWORKS PROVIDING 21ST CENTURY HOUSING TO EUROPE'S TENANTS</i>				
COSEAG	€126.299	DE	TRUSTED SHOP GMBH	Contract
<i>CONSUMER PROTECTION SEAL: ASSURANCE AND MONEY-BACK-GUARANTEE</i>				
E-DIAMOND	€0	IT	VITROCISSET SPA	Neg.
<i>DISTRIBUTED AND MULTIFACETED ONLINE E-TRADING NETWORKS</i>				
EOLT	€2.492.820	IT	Investnet Italy spa	Contract
<i>EUROPEAN ON LINE TRADING</i>				
EURTRADENET	€964.988	ES	NEW KNOWLEDGE NETWORK, S.A.	Contract
<i>INFORMATION AND SERVICES BROKERAGE FOR FOREIGN TRADE</i>				
OCTABLE	€857.454	FR	E-ACUTE	Neg.
<i>ALTERNATIVE KEYBOARD FOR THE DISABLED</i>				
ONLINE CONFIDENCE	€2.400.928	BE	EUROCHAMBRES ASBL	Contract
<i>AN ON-LINE DISPUTE RESOLUTION SERVICE THAT WILL GIVE BUYERS AND SELLERS ACCESS TO AN OUT OF COURT PROCESS WHICH WILL BE EFFECTIVE, INDEPENDENT AND FAIR</i>				
TELEBEN	€667.000	ES	GAIA, ASOCIACION DE INDUSTRIAS DE LAS TECNOLOGIAS	Contract
<i>TELEMATIC SUPPORTED BUSINESS EXCELLENCE NETWORK</i>				

Education and Training

METAFOR	€1.616.849	FR	ALCATEL SPACE INDUSTRIES	Neg.
<i>DISTANCE LEARNING BY SATELLITE</i>				
VINCITEC	€730.624	ES	ASOCIACIÓN EUROPEAN SOFTWARE INSTITUTE	Contract
<i>VIRTUAL TRAINING CENTRE IN INFORMATION TECHNOLOGY</i>				
WEBSCHOOL	€778.298	IT	Seat Pagine Gialle Spa - Telecom Italia Net (SEAT SPA)	Neg.
<i>EUROPEAN PORTAL FOR SHARED LEARNING, DISTANCE TRAINING AND E-COMMERCE</i>				

Access to Europe's Cultural Heritage

CHANCE	€1.890.500	IT	ENGINEERING INGEGNERIA INFORMATICA S.P.A.	Contract
<i>CULTURAL HERITAGE ACCESS THROUGH NETWORKED SERVICES FOR EDUTAINMENT MARKET</i>				
EPRINT	€196.772	ES	CONSULTORES ASOCIADOS SL	Contract
<i>ELECTRONIC COMMERCE IN THE EUROPEAN PRINTING INDUSTRIES</i>				

Applications and Services for SMEs

E-CERAMICS	€1.119.880	GR	V.ALEKSANDRIDIS AND CO	Contract
<i>INTEGRATED MULTI-SERVICE PROVISION SYSTEM FOR SMES IN THE CERAMICS SECTOR</i>				
E-TEN	€1.196.465	GB	CABLE&WIRELESS UK SERVICES LTD	Contract
<i>EUROPEAN TENDERING EXCHANGE NETWORK</i>				
EINER	€785.000	FR	CHAMBRE DE COMMERCE ET D'INDUSTRIE	Contract
NICE-COTE D'AZUR				
<i>ECONOMIC INTELLIGENCE NETWORK FOR EUROPEAN REGIONS</i>				
ENVIRO2B.COM	€1.000.000	FR	ENVIRO2B.SA	Neg.
<i>FIRST EUROPEAN B2B MARKETPLACE FOR THE ENVIRONMENT</i>				
EURO-LOGO	€821.585	BE	EUROCOMMERCE	Neg.
<i>EURO-LOGO</i>				
FEM	€227.500	GB	DEE ASSOCIATES (Business Consultants) Limited	Neg.
<i>FEDERATED EXPORT MARKETING - MARKET RESEARCH FOR SMES</i>				
NAUTICA EUROPA	€912.458	IT	LOGITAL srl	Contract
<i>AN EUROPEAN INTEGRATED SYSTEM FOR SERVICES MANAGEMENT OF LEISURE BOATING AND NAUTICAL TOURISM</i>				
SOHONET.EU	€401.205	GB	Sohonet Ltd	Contract
<i>SOHONET EUROPEAN BROADBAND MEDIA SERVICES NETWORK</i>				

Transport and Mobility

TECAPSY	€458.380	ES	SOCIEDAD IBERICA DE CONSTRUCCIONES	Contract
ELECTRICAS SA				
<i>TRANS-EUROPEAN CARPOOLING AND PARKING SERVICES</i>				

Environment and Emergency Mgmt

E-FIS	€977.655	ES	IBERICA DE ESTUDIOS E INGENIERIA S.A.	Contract
<i>EUROPEAN ON-LINE DECISION SUPPORT SYSTEM FOR FOREST FIRE</i>				
ENVIRONET	€1.249.996	GB	CAMBRIDGE AND DISTRICT CHAMBER OF COMMERCE	Contract
AND INDUSTRY				
<i>TRANSNATIONAL ENVIRONMENTAL NETWORKS</i>				
WADEF	€489.307	ES	ACTUACIONES MEDIAMBIENTALS S.A.	Contract
<i>WASTE DERIVED FUEL VIRTUAL OFFICE</i>				

Health

E-MED	€1.199.702	GR	BUSINESS ARCHITECTS S.A.	Neg.
<i>UTILIZATION OF DIGITAL ECONOMY FOR THE REIMBURSEMENT OF MEDICAL SERVICES</i>				
EUROPANET	€809.203	ES	SEMA GROUP SAE	Neg.
<i>EUROPEAN PSYCHO-PEDAGOGICAL ASSISTANCE NETWORK</i>				
MEDISIGNAL	€1.170.193	DE	SOLINET GMBH TELECOMMUNICATIONS	Neg.
<i>A COST EFFECTIVE SOLUTION FOR REMOTE MONITORING, SUPPORT AND CONSULTATION IN THE HEALTH CARE SECTOR</i>				
SPRING	€494.300	ES	SADIEL S.A.	Contract
<i>SYSTEM FOR POLLEN RELATED INFORMATION GATHERING</i>				

Cities and Regional Networks

SENIOR ONLINE	€720.365	AT	PUBLIC VOICE LAB - LABOR ZUR FORDERUNG VON ALLTAGS	Neg.
<i>SENIOR ONLINE MARKET VALIDATION</i>				
SUPER	€2.026.100	IT	COMUNE DI BOLOGNA	Neg.
<i>SINGLE UNIFIED PORTAL FOR ENTERPRISE'S REQUESTS TO PUBLIC ADMINISTRATIONS</i>				
VICENT	€589.166	ES	FUNDACION ROBOTIKER	Contract
<i>VIRTUAL CENTRE FOR BUSINESS DEVELOPMENT AND INNOVATION</i>				

The total contribution is **€31.301.350** for **32** projects from Call **2000/1** committed on budget **2000**

ANNEX VII: TEN-T Projects/Studies financed in 2000 under Regulation 2236/95

<i>Form</i>	<i>FS: Feasibility Study; DG: Direct Grant; IR: Interest rate rebate</i>
<i>Category</i>	<i>SP: Specific Project; TM: Traffic management</i>
<i>Form</i>	<i>FS: Feasibility Study; DG: Direct Grant; IR: Interest rate rebate</i>
<i>Project/Study</i>	<i>P: Project; S: Study</i>
<i>Mode</i>	<i>AP = Airport; AT = Air traffic management; C = Combined transport; I = Inland waterway; M = Motorway; MM = Multimodal; MT = Road traffic management; P = Port; R = Rail; TM = Traffic management; VT = Vessel TM;</i>

Form	Cat	Title	Project Type	Mode	Project Support
FS	SP	Brenner base tunnel: design, legal economic and financial studies	S	R	4.0000
FS	Other	Danube rail axis: design studies for Wien - St. Pölten section	S	R	3.0000
FS	Other	Tauern motorway: technical studies for 2nd Tauern and Katschberg tunnels	S	M	3.0000
DG	Other	Danube rail axis: construction of 3rd and 4th track between Amstetten and St. Valentin	P	R	8.0000
DG	Other	Danube / Pontebbana rail axes: construction of double track tunnel in Vienna, connecting both axes	P	R	8.0000
IR	SP	Partie Belge du réseau à grande vitesse PBKAL	P	R	20.000
DG	Other	Ausbau der Wasserstrassenverbindung Berlin - Magdeburg	P	I	5.8000
DG	Other	Ausbau des Mittellandkanals, Abschnitte bei Calvörde und Haldensleben (Sachsen-Anhalt)	P	I	2.8000
DG	Other	Ausbau Dortmund-Ems-Kanal, Südstrecke	P	I	6.2000
DG	Other	Schienenverbindung Leipzig - Dresden: Ausbauabschnitt Dresden Hauptbahnhof - Dresden - Neustadt	P	R	10.500
DG	SP	HGV/KV Nord-Süd, Knoten Berlin: Bahntechnische Ausrüstung und Oberbau	P	R	10.000
DG	SP	HGV PBKAL, Neubaustrecke Köln - Rhein/Main, Abschnitt Köln/Deutz - Siegburg	P	R	52.000

DG	TM	ISIS Improved Speech Integrated System - Project consisting of the implementation of digital signalling techniques in the telecommunication infrastructure	P	AT	1.3000
DG	Other	Bundesautobahn Berlin - deutsch/polnische Grenze (A11): Grundhafter Ausbau mit Anbau von Standstreifen	P	M	10.000
FS	Other	Durchfurchbarkeitsstudie zur Optimierung der schienengebundenen Anbindung des Hamburger Hafens an Skandinavien und den Ostseeraum.	S	P	0.5000
DG	Other	Autobahn (Luxemburg) - Saarbrücken - Stuttgart - München (Wien) - A8: Neubau Abschnitt Grenze L/D - Zweibrücken	P	M	3.5000
DG	Other	Bundesautobahn Frankfurt/Main - Nürnberg (A3): Ausbau Aschaffenburg/Ost - Hösbach	P	M	9.0000
DG	Other	Stuttgart: Rail access to airport (S-bahn, Regional Rail, HST in future), reconstruc	P	AP	1.6000
DG	Other	Leipzig Airport: Completion of installations of the combined air/rail terminal above railtracks	P	AP	2.0000
DG	Other	Schienenverbindung Berlin - Dresden: Ausbau Abschnitt Wünsdorf - Böhla für 160 bzw. 200 km/h	P	R	10.000
DG	Other	HST Copenhagen-Ringsted - Capacity expansion Copenhagen Central Station, Cph..North - fsterport	P	R	8.3960
FS	Other	Study of the railway connection to the new port of Patras (phase A)	S	R	0.7500
FS	Other	Studies of structures and tunnels in the line Ano Liosia-Isthmos Korinthos (Phase B). Aharnes Intermodal	S	R	2.0000

Form	Cat	Title	Project Type	Mode	Project Support
FS	SP	Study of road, structures and tunnels in the section Strimonas-Nea Peramos of Via Egnatia	S	M	1.7000
FS	TM	Study of the financial viability of VTMS during the operational stage	S	VT	0.9000
FS	Other	Nothern Road Axis of Crete : Study to upgrade motorway	S	M	1.0000

sections					
FS	Other	Studies for the railway line Pireas-SKA	S	R	2.7500
DG	TM	Installation of new Voice Control System for new ACC's in Barcellona, Sevilla and Palma de Mallorca and Implementation of ATS Voice Network (project)	P	AT	2.5000
FS	SP	Proyectos de la Linea de Alta Velocidad Madrid-Barcelona-Frontera Fran. Tramo Martorell-Barcelona	s	R	17.200
FS	SP	Estudios del nuevo acceso ferroviario a Vigo	s	R	0.5000
FS	Other	Estudios y proyectos de la linea Sevilla-Cadiz. Duplicacion de via en el tramo Aeropuerto de Jerez-Cadiz	s	R	1.1000
FS	Other	Estudios y proyectos de la linea alta velocidad Cordoba-Malaga	s	R	6.0000
FS	Other	Proyectos Autovia Cordoba-Malaga. Tramo: Cordoba-Antequera-Fase II (Lucena-Antequera)	s	M	1.1000
DG	Other	Corredor del Txorierrri. Construcccion del tramo: Larrabetzu-Enletxe	p	M	2.2000
DG	Other	Route Nationale 10: Les Landes - travaux	P	M	6.0000
FS	TM	ITS framework architecture in France (ACTIF)-phase 2	S	M	0.5000
DG	Other	TRAVAUX RTE-FRET (Goulots)	P	R	2.0000
FS	Other	ÉTUDES RTE-FRET	S	R	7.0000
DG	Other	TGV-MED. TRAV.	P	R	8.0000
FS	SP	TGV SUD PERPIGNAN - PORT BOU	S	R	2.0000
FS	SP	TGV-EST. ÉTUDES VAIRES-BAUDRECOURT	S	R	18.000
FS	Other	Aéroport de Paris:Etudes pour la réalisation de la liaison ferroviaire directe entre Paris gare de l'Est et l'aéroport de Gaulle	S	AP	3.5000
DG	TM	Programme Operator Display System (ODS) - Deuxième tranche - Déploiement des nouvelles positions de controle dans les centres francaises (projet)	P	AT	1.0000
DG	TM	Programme ARTEMIS - Deuxième tranche - Nouveaux moyens de téléphonie et radio communication pour les controleurs (projet)	P	AT	1.4000
DG	SP	Safety and upgrade work in conventional rail TENs routes	P	R	3.0000
FS	TM	ADS-MEDUP - Study on the development and deployment of an experimental network based on the ADS-B and VDL Mode 4 concept.	S	AT	2.5000

FS	TM	Mediterranean Free Flight - Comprehensive programme of studies and experiments on the implementation of the CNS/ATM concept in the Mediterranean	S	AT	3.5000
DG	Other	Potenziamento pontremolese (La Spezia - Parma) - fase di raddoppio Santo Stefano Magra - Aulla - Chiesaccia	P	R	10.000
FS	Other	Progettazione tratti Venezia -Trieste	S	R	1.0000
DG	Other	Piano regolatore generale Milano Rogoredo	P	R	10.000
DG	Other	Alta velocità Bologna - Firenze - Sezione dal km 40+432 al km 71+500	P	R	16.000

Form	Cat	Title	Project Type	Mode Support	Project
FS	Other	Potenziamento Asse Pisa - Livorno	S	R	1.6000
FS	Other	(ÉTUDE) CENTRE DE REMISAGE: LUX-VILLE	S	R	1.4810
DG	SP	Bored tunnel High Speed Line-Zuid - part of NL PBKAL	P	R	10.000
DG	SP	BETUWELINE. Sophia tunnel	P	R	14.000
DG	SP	BETUWELINE. Botlek tunnel	P	R	5.0000
FS	Other	High Speed Line Randstad-Rhine/Rhur preparatory technical and design studies	S	R	3.0000
DG	Other	Deepening of the inland waterways Ketelmeer-Kampen	P	P	2.0000
FS	Other	Modernisation of IVS 90 (The inland waterway information processing system)	S	I	1.0000
FS	SP	Linha do Minho: Estudos de Sinalização	s	R	0.9000
FS	SP	Ligação do Algarve: 2 Subtroços Coima-Pinhal Novo-Setubal	s	R	1.5950
DG	Other	Lisbon airport: Capacity expansion	P	AP	1.0000
FS	Other	IP8 - Santiago Cacém/Beja/Ficalho	s	M	1.5000
FS	Other	Estudos Preliminares Nova Travessia Tejo/Lisboa	s	R	2.0000
FS	Other	IP2 - Estudo Prévio - Macedo de Cavaleiros-Ponte do Sabor	s	M	1.0000
FS	Other	Estudos de Integração de Portugal na Rede de Alta Velocidade	s	R	1.3500
FS	SP	Nuevo Aeroporto de Lisboa (3a Fase)	S	AP	2.0000
FS	SP	Marja Railway line planning	S	R	0.5000
DG	Other	Road HÄMEENLINNA-TAMPERE - Works	P	M	3.0000
DG	Other	TEN-railways Helsinki -Tampere and	PR	7.0000	
DG	SP	Railway HELSINKI-LEPPÄVAARA - construction	P	R	3.0000

DG	SP	E18 Motorway PAIMIO-MUURLA - works	P	M	2.4000
DG	SP	E18 Motorway PORVOO-KOSKENKYLÄ- works	P	M	3.0000
FS	Other	Studies for a railway connection between Malmoe-Sturup airport and Copenhagen airport	S	AP	0.5000
FS	Other	Studies and detailed technical design for the construction of a railway tunnel below the city centre of Malmö	S	R	5.0000
DG	Other	Upgrading to 30 ton axel load on northern part of Malmbanan (phase 2) between Kiruna and Vassijaure	P	R	2.5000
FS	SP	Detailed technical study on upgrading of section between Malmö goods railway station - Arlöv-Flackarp	S	R	1.0000
FS	Other	Feasibility study of track options and alignment on single track combined railway line between Umeå and Nyland (Botniabanan)	S	C	5.0000
DG	SP	Channel Tunnel Rail Link	P	R	30.000
DG	SP	West Coast Main Line	P	R	15.000
FS	SP	Northern Ireland Transportation Infrastructure 2000	S	M	0.5000
DG	Other	Manchester Airport: Ground Transport Interchange, Phase 2b	P	AP	0.5040
FS	TM	EGNOS AOC Pre-operational implementation (European Space Agency)	S	GT	12.000
FS	SP	ERTMS feasibility study for harmonization at the European level of safety and traffic management	S	RT	35.000
DG	TM	Implementation of the Enhanced Tactical Flow Management System (ETFMS) - Project on new ATFM functions supporting the use of real time data	P	AT	2.5000

Form	Cat	Title	Project Type	Mode	Project Support
DG	TM	Co-ordination and validation of the deployment of advanced transport telematic system in Alpine areas (CORVETTE project - phase 4)	P	M	3.4560
FS	TM	Co-ordination and validation of the deployment of advanced transport telematic system in Alpine areas (CORVETTE study - phase 4)	S	M	3.4990
FS	TM	Advanced road traffic in South- West (ARTS - study 3)	S	M	1.6000

DG	TM	Advanced road traffic in South- West (ARTS - project 3)	P	M	1.0000
FS	TM	Study for Southern European Road Telematics Implementation (SERTI - phase 5)	S	M	3.0000
FS	TM	Common EFC sustem for an ASECAP road tolling European servicze (CESARE - phase 2)	S	M	0.6000
DG	TM	Implementation of traffic management and information services in the Central European region CENTRICO - phase 5	P	M	4.9000
FS	TM	Study, design and co-ordinatoion of traffic management and information services in the Central European region CENTRICO - phase 5	S	M	6.2000
FS	TM	Co-ordinated road traffic management implementation in Northern Europe - Study (VIKING phase 4)	S	M	4.4810
DG	TM	Co-ordinated road traffic management implementation in Northern Europe - Implementation (VIKING phase 4)	P	M	1.4990
FS	SP	Information and management system for multimodal transport in the Republic of Ireland and Northern Ireland	S	M	1.3980
FS	Other	Etudes préparatoire au lancement des travaux de réparation et de modernisation du tunnel routier sous le Mt Blanc don't mise en place d'un dispositif coordonné de supervision et d'équipements de sécurité	S	M	7.5000
DG	Other	Travaux de réparation et de modernisation du tunnel routier sous le Mt Blanc	P	M	15.000
IR	SP	Construction of the Øresund Fixed Link	P	M	34.000
Total:			99		580.6590

ANNEX VIII : Cohesion Fund – The financing of the TEN–Transport – rail and road

(Objective 1 and 6 regions) detailed commitments in 2000

	Project/Stage	in 1000 €
Greece		
Road	Egnatia Motorway (Asprovolta-Strimonas)	14,231
	Egnatia Odos	39,622
	Passing of Pathe motorway through the urban area of Katerini	28,308
	Pathe completion Iliki-Agios Konstantinos	32,793
Rail	New railway Korinthos-Kiato	39,920
Total		154,875
Spain		
Road	Autoroute Rias Bajas (2) (Tr. Camarzana de Tera - San Ciprian)	28,355
	Autovia Lleida a Fracia por Barcelona - Tramo Variante de Cerva	21,009
	Autovia de Levante a Francia por Aragon - Tramo Huesca-Nuevo	15,854
	Autovia de Levante a Francia por Aragon - Tramo Monreal dC - Calamocha	22,582
	Autovia de Levante a Francia por Aragon - Tramo Santa Eulalia dC- Monreal	36,228
Rail	L.A.V. Madrid-Barcelona-Frontiere Fr. - Tramo Madrid-Lleida	302,765
	L.A.V. Madrid-Barcelona-Frontiere Fr. - Tramo Madrid-Chiloeches	55,081
	L.A.V. Madrid-Barcelona-Frontiere Fr. - Tramo Madrid-Lleida - Actuaciones	325,108
	L.A.V. Madrid-Barcelona-Frontiere Fr. - Nuevo estacion de Zaragoza	44,942
Total		851,923

Ireland		
Road	N1 - Drogheda Bypass	27
	M1 - Cloghren/Lissenhall (Stage 2)	17,435
Rail	Heuston Terminal and South-West Rail Corridor development	15,195
	Heuston Terminal and South-West Rail Corridor development	995
Total		33,652
Portugal		
Road	IP2 - Troncon EN 126 - EN 102	9,977
	IP3 - Contournement de castro daire - 1e phase - tunnel	9,791
	IP3 - Liaison IP3 (FAIL) à IP5	19,891
	IP6 - Troncon Abrantes - Mouriscas	10,343
Rail	Modernização da Ligação Algarve II	40,179
	Modernização da Ligação Algarve III	28,109
	Modernização da Ligação Norte V - troncon entroncamen	32,606
	Extensoes de rede ML para a ligação à RTE-T	52,286
	Ligação à Linha do Norte-Ligação Entrecampos-Terminal Técnico de Chelas	31,363
Port	Terminal multiusos/Plataforma Multimodal do porto de Setubal	11,905
Total		246,449

MAJOR ("ESSEN") TEN PROJECTS FINANCED BY THE COHESION FUND IN THE PERIOD 1993-1999

	1993	1994	1995	1996	1997	1998	1999	TOTAL
	<i>MECU</i>	<i>MECU</i>	<i>MECU</i>	<i>MECU</i>	<i>MECU</i>	<i>MECU</i>	<i>MECU</i>	<i>MECU</i>
N° 3 High Speed Train South								
Madrid - Barcelona - Perpignan	8,02	0	0	0	157,6	251	653,7	1070,3
Madrid - Vitoria- Dax	0	0	0	0	0	0	0	0
Total Project N° 3	8,02	0	0	0	157,6	251	653,7	1070,3
N° 7 Greek Motorway								
Patras - Athens - Thessaloniki	45,35	13,06	0	124,07	59,67	39,44		281,59
Via Egnatia	26,42	9,21	40,74	0	65,4	80,99		222,76
Total Project N° 7	71,77	22,27	40,74	124,07	125,07	120,43	0	504,35
N° 8 Lisbon - Valladolid								
Portugese section	23,82	28,8	0	0	128,83			181,45
Spanish section	0	0	0	0	4,93	12,4	0	17,33
Total project N° 8	23,82	28,8	0	0	133,76	12,4	0	198,78
N° 9 Cork - Dublin- Belfast - Larne rail link								
Rail upgrading	11,87	20,6	21,47	0	1,1			55,04
Total project N° 9	11,87	20,6	21,47	0	1,1	0	0	55,04
N° 13 Ireland - UK - Benelux								
N1/N7 road corridor in Ireland	8,5	40,19	28,98	30,16	44,24	40,27	85,44	277,78
Total project N° 13	8,5	40,19	28,98	30,16	44,24	40,27	85,44	277,78
TOTAL SPECIFIC PROJECTS	124	111,9	91,19	154,2	461,8	424,1	739,1	2106

ANNEX IX : EIB loans

A : EIB loans -TEN-ENERGY 2000

			Loans *		Finance contracts signed						
				93+94+95							Total
(EUR m)			approved		1996	1997	1998	1999	2000	96 to 00	
1. ESSEN PRIORITY PROJECTS & RELATED PROJECTS			2.548	1.045	695	300	100	75	25		1.195
1.1 Projects in the European Union			1.261	493	352		100	75	25		552
ELECTRICAL INTERCONNECTION GREECE - ITALY			100					75	25		100
ELECTRICAL INTERCONNECTION FRANCE - ITALY											
ELECTRICAL INTERCONNECTION FRANCE - SPAIN											
ELECTRICAL INTERCONNECTION SPAIN - PORTUGAL			57	6	50						50
EAST-WEST ELECTRICAL INTERCONNECTION DENMARK											
NATURAL GAS NETWORK GREECE			526	7	200		100				300
NATURAL GAS NETWORK PORTUGAL			354	255	102						102
GAS INTERCONNECTION PORTUGAL - SPAIN			224	224							
1.2 Projects with neighbouring countries			1.287	551	343	300					643
GAS PIPELINE ALGERIA - MOROCCO - EUROPEAN UNION			941	552		300					300
GAS PIPELINE RUSSIA - POLAND - EUROPEAN UNION			346		343						343

2. OTHER TRANS-EUROPEAN NETWORKS PROJECTS			3.805	948	720	554	293	99	367	2.033
2.1 Trans-European electricity network			1.528	393	256	298	111	51	68	783
2.2 Trans-European gas network			2.277	555	464	256	182	48	299	1.249
TOTAL IN THE EU			6.353	1.993	1.415	854	393	174	392	3.228
3. PROJECTS WITH NEIGHBOURING COUNTRIES			80	80						
3.1 Trans-European electricity network			80	80						
3.2 Trans-European gas network										
TOTAL			6.433	2.073	1.415	854	393	174	392	3.228

B : EIB loans – TEN-TRANSPORT 2000

			Loans	93+94+95					
(EUR m)			approved		1996	1997	1998	1999	2000
1. ESSEN PRIORITY PROJECTS AND RELATED PROJECTS			15.772	4.086	1.189	1.751	1.142	1.616	1.224
HIGH SPEED TRAIN/COMBINED TRANSPORT NORTH SOUTH (DE/AT/IT)			384	350					
HIGH SPEED TRAIN PBKAL (FR/BE/DE/NL/UK)			3.407	886	119	450	653		178
HIGH SPEED TRAIN SOUTH (ES/FR)									
HIGH SPEED TRAIN EAST (FR/DE/LX)			300						
BETUWE LINE : COMBINED TRANSPORT (NL/DE)									
HIGH SPEED TRAIN/COMBINED TRANSPORT FRANCE-ITALY (FR/IT)									
GREEK MOTORWAYS (GR)			3.188	348	159	300		332	744
PORTUGAL-SPAIN MULTIMODAL LINK (PT/ES) - wider project			3.415	1.937	66	150	142	358	26
RAIL LINK CORK-DUBLIN-BELFAST-[LARNE-STRANRAER] (IE/UK)			44	44					
MALPENSA AIRPORT (IT)			405	124		104		104	
FIXED RAIL/ROAD LINK BETWEEN DENMARK AND SWEDEN (DK/SE)			1.841	128	390	283	158	204	276
NORDIC TRIANGLE (NO/SE/FI)			1.918	209	417	464	108		
IRELAND - UNITED KINGDOM - BENELUX ROAD LINK (UK/IE)			252	61	38		81		
WEST COAST MAIN LINE (UK)			618					618	
2. OTHER TRANS-EUROPEAN NETWORKS PROJECTS			27.807	3.580	2.316	3.192	3.273	4.361	2.786
2.1 Road network			11.905	1.510	1.409	1.191	1.368	2.256	1.082
2.2 Rail network			8.942	1.039	674	1.332	1.242	1.461	566
2.3 Inland waterway network and inland ports									

2.4 Seaports			1.327	390	33	35	91	55	124
2.5 Airports			5.359	515	190	621	550	589	1.014
2.6 Combined transport network			29	5	10	13			
2.7 Shipping information and management network									
2.8 Air traffic management network			245	121			22		
2.9 Positioning and navigation network									
TOTAL IN THE EU			43.579	7.666	3.505	4.943	4.415	5.977	4.010
3. PROJECTS IN CENTRAL & EASTERN EUROPE			6.523	1.136	553	427	1.357	1.321	979
3.1 Road corridors			4.080	497	315	262	1.097	815	809
3.2 Rail corridors			2.061	425	238	75	260	498	160
3.3 Ports			107	69		20		8	10
3.4 Airports & ATC			275	145		70			
TOTAL			50.102	8.802	4.058	5.370	5.772	7.298	4.989

C : EIB loans – TEN-TELECOM 2000

			*		Finance contracts signed					
			Loans	93+94+95						Total
(EUR m)			approved		1996	1997	1998	1999	2000	96 to 00
1. PROJECTS IN THE EUROPEAN UNION			16.452	3.944	1.602	1.880	3.434	2.126	2.211	11.253
1.1 Networks & Trunk Exchanges			10.450	3.746	881	486	1.689	1.599	1.218	5.873
1.2 Mobile Telephony			5.329	176	421	1.394	1.427	527	960	4.729
1.3 Satellites & Stations			673	22	300		318		33	651
2.PROJECTS WITH NEIGHBOURING			2.247	540	115	357	150	135	515	1.272

COUNTRIES										
2.1 Networks & Trunk Exchanges			1.180	540	100	240		50	115	505
2.2 Mobile Telephony			1.067		15	117	150	85	400	767
2.3 Satellites & Stations										
TOTAL			18.699	4.484	1.717	2.237	3.584	2.261	2.726	12.525

ANNEX X: EIF Guarantees for TEN and TEN related projects 2000**TRANSPORT**

Date	Project	Country	MEUR	% of total TEN
22/12/2000	M45	Spain	30	
10/08/2000	AAE Wagon Securitisation	Luxembourg	24.5	
Sub-Total			54.5	25%

TELECOMS

Date	Project	Country	MEUR	% of total TEN
31/07/2000	Wind	Italy	13.33	
31/07/2000	Wind	Italy	46.67	
23/06/2000	Madritel	Spain	30	
20/06/2000	First Irish Infrastructure Fund TEL	Ireland	7.5	
20/06/2000	First Irish Infrastructure Fund ENE	Ireland	8.75	
20/06/2000	First Irish Infrastructure Fund TPT	Ireland	8.75	
14/06/2000	Telenet II	Belgium	6.25	
14/06/2000	Telenet II	Belgium	18.75	
17/03/2000	Completel	France	9.91	
17/03/2000	Completel	France	15.09	
Sub-Total			165	75%
In total 10 projects			219.5	100%