



COMMISSION OF THE EUROPEAN COMMUNITIES

Brussels, 7.8.2003
SEC(2003) 849

COMMISSION STAFF WORKING PAPER

ANNEXES TO

the TEN Annual Report for the Year 2001

{COM(2003) 442 final}

COMMISSION STAFF WORKING PAPER

ANNEXES TO

the TEN Annual Report for the Year 2001

Data and Factsheets

The present Commission Staff Working Paper is intended to complementing the Trans-European Networks (TEN) Annual Report for the Year 2001 (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.

INDEX

	Pages
Annex I : List of abbreviations	4
Annex II : Information on TEN-T Priority Projects	6
Annex III : Community financial support for Trans-European Network Projects in the energy sector during the period from 1995 to 2001 (from the TEN-energy budget line)	24
Annex IV Progress achieved on specific TEN-ISDN / Telecom projects from 1997 to 2001....	36
Annex V: Community financial support in 2001 for the co-financing of actions related to Trans-European Network Projects in the energy sector	58
Annex VI : TEN-Telecom projects financed in 2001 following the 2001 call for proposals	61
Annex VII : TEN-T Projects/Studies financed in 2001 under Regulation 2236/95	65
Annex VIII : Cohesion Fund – The financing of the TEN–Transport –	72
Annex IX : TEN-T Multiannual Indicative Programme - Framework decision	73
Annex X: MAP.....	79

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: INFORMATION ON TEN-T PRIORITY PROJECTS

1. **PP1- High-speed train/combined transport north-south - Ongoing improvements to one of Europe's major rail corridors will enable both people and goods to travel much more rapidly between northern Europe and Italy.**

- **What is the project?**

The project will streamline rail journeys along one of Europe's major transport routes, between Berlin and Verona. Increased rail freight capacity in particular will contribute to sustainable development.

Improvements between Berlin and Nuremberg are to be achieved by upgrading and rebuilding 550 kilometres of track, allowing trains to reach speeds of 250 kilometres an hour. The line between Munich and Verona will be similarly improved. Between Innsbruck and the German/Austrian border at Kufstein it will be upgraded to four tracks, while a new 55-kilometre rail tunnel will be built between Austria and Italy, which is expected to considerably increase the speed of the Alpine crossing and the line's freight capacity.

The project will be complemented by the construction of a new 160-kilometre link between Nuremberg and Munich, due to be completed by 2005.

- **What are its expected benefits?**

Improvements will cut journey times significantly – by as much as two and a half hours between Berlin and Munich, for example. The additional capacity and improved quality of service will attract new rail traffic, helping to reduce road congestion along this key corridor by shifting freight and passengers to the railway. This is especially important in the ecologically sensitive alpine region, where heavy road traffic causes serious environmental impacts.

- **What is its current status?**

Speeds of up to 200 kilometres per hour are already being achieved on the upgraded line between Berlin and Halle/Leipzig. Work continues on the sections between Halle/Leipzig and Nuremberg, where a larger proportion of new line construction is required.

Between Munich and Kufstein, minor upgrading works of the existing line are almost completed. Work to upgrade the Kufstein-Innsbruck section to four tracks is scheduled to start in the second half of 2002. Technical studies for the Brenner tunnel are due to be completed by 2006, when a public-private partnership may undertake construction, with a target completion date around 2012.

Between the Austrian border and Verona, various sections of the existing line are gradually being upgraded. Several long tunnels have been built to smooth curves and gradients, avoiding previous bottlenecks. Improved signalling and train management systems have significantly increased capacity, in particular for freight or combined transport trains.

EU funding of the project to 2000 totalled around € 260 million.

In 2001, the Commission proposed to extend the priority project from Verona and Milan all the way to Naples. Infrastructure improvements and new construction have begun, and the high-speed line between Rome and Naples is expected to be operational in 2004. Remaining sections will be completed by 2007. By 2010, faster rail travel along these busy routes is expected to lead to the transfer of around ten million tonnes of long-distance freight from the roads each year, while 30% growth in passenger traffic will reduce flights between Milan and Rome by 50%.

Community support of € 258 million for the whole project, including its southern extension, is foreseen in the framework of the TEN Programme 2001-2006.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Berlin Lehrter Bahnhof-Berlin/Ludwigsfelde	new section/upgrading	26	1994-2008	1 508	3 143
Berlin/Ludwigsfelde-Halle/Leipzig	upgrading	205	1991-2002	1 502	1 534
Halle/Leipzig-Erfurt	new line	123	1991-2003 (1)	421	2 404
Erfurt-Nuremberg	new line/upgrading	192	1991-2007 (2)	427	3 746
Munich-Kufstein	upgrading	97	1989-2002	31	32
Kufstein-Innsbruck	new line	70	1995-2010 (3)	143	1 901
Innsbruck-Fortezza (Brenner Base tunnel)	new line and tunnel	55	1990-2012 (4)	11	4 302
Fortezza-Verona	new line/upgrading	190	1992-2002	553	700
<i>total:</i>		958		4 596	17 762
<i>new:</i> Verona-Bologna	upgrade – 200 km/h	113	completed in 2006		600
<i>new:</i> Milan-Bologna	new line	200	completed in 2006		5 733
<i>new:</i> Bologna-Florence	new line	79	completed in 2007		4 209
<i>new:</i> Florence-Rome	re-electricification from 3 kV to 25 kV	232	in service		351
<i>new:</i> Rome-Naples	new line	204	completed in 2004		4 984
<i>total extension:</i>		828			15 877 (5)

- (1) *Completion of first phase Leipzig-Gröbern; implementation timetable for second phase (Gröbern-Erfurt) not yet established*
- (2) *Completion of first phase Erfurt-Ilmenau; implementation timetable for second phase (Ilmenau-Nuremberg) not yet established*
- (3) *Completion date concerns sections Wörgl-Baumkirchen*
- (4) *Completion date depends on availability of a special financing scheme*
- (5) *Excluding investment relating to the railway nodes of Florence, Bologna, Rome and Naples*

2. PP2 - High-speed train PBKAL -The construction of a new railway network will soon provide a high-speed alternative to air travel for passengers crossing the heart of Europe.

- **What is the project?**

Linking a number of capitals and other major cities, Europe's first cross-border high-speed rail project was launched in 1989 with the signature of an agreement between France, Belgium, Germany, the Netherlands and the United Kingdom. It will dramatically reduce rail journey times between these countries, providing travellers with a competitive alternative to air transport.

- **What are its expected benefits?**

The PBKAL network will be reserved for passenger traffic, offering substantial reductions in journey times between the five countries and attracting passengers away from air travel and the roads. It will also provide improved connections between some of Europe's key airports – Brussels, Frankfurt, Cologne/Bonn, Paris Charles de Gaulle and Amsterdam Schiphol. This will make a significant contribution to the promotion of intermodal air-rail journeys, in line with Community transport policy objectives.

- **What is its current status?**

Construction of the Dutch line began in 2000, through a public-private partnership. The southern part, from Rotterdam to the Belgian border, is scheduled for completion in 2006, and the northern section, from Amsterdam to Rotterdam, in 2007.

In Germany, a 175-kilometre long, 300 kilometres an hour, dedicated passenger line opened in July 2002, linking Cologne and Frankfurt in an hour and a quarter. A new 250 kilometre an hour double track section from Düren to Cologne should be operational in 2003. Upgrading of the line from the Belgian border to Düren will be completed by 2007.

In the United Kingdom, the 108-kilometre Channel Tunnel Rail Link (CTRL) to London is under construction. The section from the Channel Tunnel to north Kent is due to be completed in 2003, with the remainder of the route scheduled to go into service by 2007.

In Belgium, the line from Brussels to the French border came into operation in 1997, with high-speed services now operating to Paris, Amsterdam and through the Channel Tunnel. By the end of 2002, Liège will be connected to Leuven. Upgrading of the Brussels-Leuven line is expected to be finished in 2005, and the high-speed line from Liège to the German border by the end of 2006. Upgrading of the Brussels-Antwerp line is nearly completed. The high-speed line to the Dutch border, including a new tunnel beneath Antwerp, should be finished in 2006.

The French sections linking Paris, Lille and Calais and the Channel Tunnel are complete and have been in service since 1993. The high-speed Brussels-Paris line now serves more than six million passengers a year, having attracted very large numbers from road and air, with some flights being taken out of service as a result.

To 2000, the TEN-T budget had contributed € 600 million. Community support of nearly € 300 million is foreseen in the framework of the TEN Programme 2001-2006.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Belgian/German border-Cologne	new line/upgrading – 250 km/h	69	1990-2007	236	371
Cologne-Frankfurt	new line – 300 km/h	175	1990-2004(1)	4 975	6 015
London-Channel tunnel rail link	new line – 200 km/h	108	completed in 2007	3 700	8 200
Belgium	new line/upgrading	321	1992-2006	2 204	4 681
Netherlands	new line/upgrading	102	1989-2007		4 039
Paris-Lille-Calais-Channel tunnel	new line	290	completed in 1994		
<i>total:</i>		<i>1 065</i>		<i>11 115(2)</i>	<i>23 306(2)</i>

- (1) *Although the Köln-Frankfurt H.S line is under operation since July 2002, works on the nodes and access lines will last until 2004*
- (2) *Excluding the French section*

3. PP3 - High-speed train South. Two new high-speed rail lines will bring Madrid to within four hours of the French border, slashing current journey times by as much as 60%.

• What is the project?

Two new high-speed train lines are being built in northern Spain, dramatically reducing journey times between Madrid and France's south-western and south-eastern coasts, as well as within Spain itself.

The Atlantic branch runs from Madrid via Vitoria to Dax, where it joins the French rail network. It also connects with the Multimodal Link Portugal-Spain-Central Europe (see Project 8). The Mediterranean branch runs from Madrid via Zaragoza and Barcelona to Perpignan and Montpellier. An extension to Nîmes is proposed, in order to link with France's TGV Méditerranée, from Marseilles to Paris. The scheme as a whole represents a major advance in linking Spain to central Europe through the French high-speed railway network.

• What are its expected benefits?

For rail passengers, the new high-speed line between Madrid and Barcelona will cut journey times from almost seven hours to just under three. This huge time saving is expected to lead to a fourfold increase in the number of rail passengers on this route, contributing significantly to the sustainable development objective of shifting road and air traffic to more environmentally friendly transport modes.

Improved transport links will provide a substantial boost to economic development in the regions of Spain served by the two branches and their connection to the existing high-speed Madrid-Seville line. In particular, the extension of the European standard

gauge to the Spanish network will stimulate international trade by allowing trains for the first time to cross the French border without having to change gauge.

The Mediterranean branch between Barcelona and the French border will carry freight as well as passenger traffic, boosting capacity to 6 million tonnes per year initially, and to as much as 25 million tonnes per year once the high-speed Montpellier-Nîmes link is completed, reducing pressure on the existing conventional line.

- **What is its current status?**

Construction started in 1996 on the middle section of the Spanish Mediterranean branch between Madrid and Lleida. This should be completed in 2002, and Lleida will be linked to Barcelona by 2004. Initial technical studies of the Montpellier-Nîmes extension line have been completed. In 2001, tendering procedures were initiated for concession of the international Perpignan-Figueras section which includes the construction of a 5.4-kilometre tunnel, and the official award is expected by the end of 2002.

Detailed design work has started for the Spanish Atlantic branch from Madrid to Vitoria, Bilbao and the French border. The French Atlantic branch is still at the early planning stage.

The TEN-T budget has to date contributed around € 82 million to the Spanish sections, and € 18.5 million is earmarked for studies and construction on the French section up to 2006. The cross-border Perpignan-Figueras section, which will take the form of a concession, will benefit from a Community contribution of € 64 million in the period 2001-2006.

Globally, the Community support foreseen in the framework of the TEN Programme 2001-2006 amounts to € 137.9 million. In Spain, the project is also receiving substantial support from the Cohesion Fund.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Spain, Atlantic branch	new line	580	1991-2007	73	5 482
Spain, Mediterranean branch	new line	719	1991-2007	1 514	8 144
French Atlantic branch	upgraded line	80			
French Mediterranean branch	new/upgraded line	174	complete after 2010	22	989
International section, Perpignan-Figueras	new line	48	complete 2006	6	744
<i>total:</i>		<i>1 601</i>		<i>1 615</i>	<i>15 359</i>
<i>new:</i> Montpellier-Nîmes	new line	50	complete 2012		790
<i>total extension:</i>		<i>50</i>			<i>790</i>

4. PP4 - High-speed train east European citizens from west and east alike will benefit from a new high-speed railway link between Germany and France.

- **What is the project?**

The new 320 kilometre an hour line between Paris, Metz/Luxembourg and Strasbourg/Kehl is designed to connect the extensive high-speed rail networks that already exist in France and Germany.

The first 300-kilometre section will run from the Parisian suburbs at Vaires to Baudrecourt near Metz. In a second phase, a 106-kilometre section will be built between Baudrecourt and Vendenheim in the Strasbourg suburbs. The French and German networks will be connected by a new bridge crossing the Rhine between Strasbourg and Kehl. The new line will be complemented by the upgrade of the existing Saarbrücken-Mannheim and Metz-Luxembourg lines.

- **What are its expected benefits?**

The new line between Paris, Strasbourg and Kehl, and the upgrading of the existing Saarbrücken-Mannheim line, will greatly improve transport links for passengers between France, Germany and Luxembourg. The project also forms the first stage of an east-west corridor linking Europe's major economic centres with the candidate countries of central and eastern Europe.

Completion of the first phase will cut journey times from Paris to Strasbourg to 2 hours 20 minutes, from Paris to Metz and Nancy to 1 hour 30 minutes, from Paris to Reims to 45 minutes, and from Paris to Luxembourg to 2 hours 15 minutes. When the second phase is complete, the journey between Paris and Strasbourg will take just 1 hour 25 minutes.

The new line will help to shift traffic from road and air transport to rail, and should boost economic and regional development.

- **What is its current status?**

In France, construction of the Vaires-Baudrecourt section began in 2002, and the line is expected to open for service in August 2007. The Baudrecourt-Vendenheim section is currently under study and, together with the Strasbourg-Kehl line, is expected to be operational around 2010. Upgrade works between Metz and Luxembourg are at design stage. Community co-financing of studies and preparatory works amounted to € 90 million to the end of 2000, with an additional € 151 million programmed for the period 2001-2006 in the framework of the TEN Programme.

In Germany, upgrading work on the Saarbrücken-Mannheim-Ludwigshafen section, designed to allow the use of 200 kilometre an hour tilting trains, began in 1998 under a financing agreement between Federal State and Deutsche Bahn AG. It is due to be completed in 2004. The TEN-T contribution amounts to € 10 million. For the German section, Community support of € 17 million is programmed in the period 2001-2006 in the framework of the TEN Programme.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Vaires-Baudrecourt	new line	300	complete in 2007	180	3 650
Baudrecourt-Vendenheim	new line	106	complete after 2010	0	1 600
German section	upgrade	145	1998-2004	84	463
<i>total:</i>		<i>551</i>		<i>264</i>	<i>5 713</i>

5. PP5 - Conventional rail/combined transport: Betuwe line The construction of a dedicated freight railway line across the Netherlands will strengthen the port of Rotterdam's position as one of Europe's key transport and distribution hubs.

- **What is the project?**

To facilitate the movement of maritime freight into the heart of Europe, a new 160-kilometre railway is to be built across the Netherlands, linking the busy port of Rotterdam to the existing German rail network at the Dutch/German border.

Around three-quarters of the Betuwe line will be newly constructed, while the remaining section that currently links Maasvlakte to Kijfhoek will be upgraded. Work on this section, known as the Port Railway Line, entails doubling the existing single track and electrifying the line, as well as the construction of a rail bridge and tunnel.

The main section of the Betuwe Line requires construction of a new 112-kilometre line from Kijfhoek to the Dutch/German border near Zevenaar. For much of the route it will run alongside the existing A15 motorway.

- **What are its expected benefits?**

Among the project's many benefits, it will increase the transport options for freight companies wishing to move goods across the Netherlands. Current dependence on the road and inland waterway networks often causes congestion along key routes.

The line will also improve freight links between the Netherlands and the rest of Europe, boosting Rotterdam's development as a major centre for transport, distribution and production. The line has been designed to move up to 74 million tonnes of freight a year, although initially it is only expected to attract half this amount.

By moving freight off the roads, the scheme will also deliver benefits to road users and to the environment. The shift from road to rail will be particularly significant along the A15 line.

- **What is its current status?**

Work to upgrade the Port Railway Line started in 1997. The Dintelhaven rail bridge was completed in 1999 and the Botlek tunnel – the first ever bored Dutch rail tunnel – in 2002. The whole line will be fully upgraded, electrified and installed with the latest safety equipment.

Construction of embankments, tunnels and bridges for the A15 line began in 1998. Track-laying is expected to start at the end of 2003, together with electrification and safety equipment installation. The whole line is expected to be complete by 2006.

Community support of € 80 million is foreseen in the framework of the TEN Programme 2001-2006.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Port Railway line	upgrade	48	1993-2006		
A15 line	new line	112	1990-2006		
<i>total:</i>		<i>160</i>		<i>2 219</i>	<i>4 546</i>

6. PP6 - High-speed train/combined transport, France-Italy The main routes through Alpine valleys in France and Italy suffer from high road traffic densities and serious pollution. A new high-speed rail link will bring relief to one of Europe's most congested transport corridors

- **What is the project?**

The project will link the French and Italian high-speed rail networks. Designed for both passenger and freight services, it comprises around 750 kilometres of new lines, including a tunnel of approximately 52 kilometres through the Alps – one of the longest in the world. Offering maximum speeds of 300 kilometres an hour, the scheme will also dramatically increase freight traffic capacity.

- **What are its expected benefits?**

The project will bring very significant reductions in travelling time for both passengers and freight services. The passenger service between Milan and Paris will fall from six hours and 35 minutes to three hours and 40 minutes. Along the entire route, capacity will be more than doubled to accommodate future demand. Increased capacity, and the possibility of higher-quality services offered by the new infrastructure, are expected to enhance rail's competitive position and increase its market share on this route, especially for freight traffic. A 'rolling road' shuttle service for heavy goods vehicle between Aiton and Orbassano is planned, with trials beginning in 2003.

When complete, the route will be able to carry over 40 million tonnes of freight per year, freeing capacity on existing railway lines, which are currently saturated in several sections. The shift of traffic from road to rail will make a significant contribution to reducing the number of trucks crossing the Alps – curbing polluting emissions and alleviating the considerable nuisance they cause local residents.

Looking further ahead, the project serves as the backbone of an Atlantic-Adriatic route, and a platform for its eastward development towards the accession countries.

- **What is its current status?**

In France, studies for the Lyon-Chambéry section will be completed in 2003, with a contribution of € 12 million from the TEN-T budget. The high-speed line should be completed by 2010, although financing for construction has not yet been secured. The Montmélian-Modane section, including the existing tunnel, is being upgraded to allow 'rolling road' services.

In all the Italian sections, the design phase is nearing completion and construction has either begun or is expected to start during 2002 or 2003, with € 57 million allocated from the TEN-T budget in the period 2001-2006.

NB: 'Lyon-Turin Ferroviare' in italic

Development of the international section is being co-ordinated by a French-Italian Intergovernmental Commission. Following agreement between the two countries in 2001, Réseau Ferré de France and Rete Ferroviaria Italiana have taken equal stakes in *Lyon-Turin Ferroviare*, a joint venture established to manage the construction phase. Three test bores were cut in 2002, and a fourth is planned in 2003. Construction of the 52-kilometre tunnel should begin in 2005, and is expected to open for service in 2013. As well as technical studies, LTF is examining different options for financing the construction of the cross-border section, including the setting up of a public-private partnership. The current TEN-T contribution for the period 2001-2006 is € 100 million. For the project as a whole, total support amounts to around € 170 million for the same period in the framework of the TEN Programme.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Lyon-Montmélian-Modane (St Jean de Maurienne)	new line (including 3 tunnels) – 300 km/h	140	completed 2010		4 200
International section: St Jean de Maurienne-Bruzolo	1 or 2 tunnels – 300 km/h	70	completed 2012/13	82	5 900
Bruzolo-Turin	new line – 300 km/h	47	completed 2004/08	7	1 350
Turin-Milan	new line – 300 km/h	128	completed 2006/07		4 700
Milan-Verona/Padua	new line – 300 km/h	230	completed 2011	187	7 000
Padua-Mestre	new line – 200 km/h	30	completed 2008		440
Venice-Trieste border	new/upgraded rail track – 300 km/h	125	1998-2010	5	3 000
<i>total:</i>		<i>770</i>		<i>281</i>	<i>26 590</i>

7. PP7 - Greek motorways, Pathe and Via Egnatia - Greece will no longer be isolated from its European neighbours, following completion of this important motorway project

• What is the project?

This project involves construction of two new motorways across Greece. The first runs from west to east, and for much of its 780 kilometres, including the branch to Ormenio, follows the route of the via Egnatia, dating from the second century BC. The new four-lane motorway will link the port of Igoumenitsa with Kipi on the Greek/Turkish border.

The second road is an upgrade of the current 800-kilometre Pathe road, which runs from southern Greece to the north, linking Patras to Promahon on the Greek/Bulgarian border. This route will also have four lanes for its entire length, and six near Athens and Thessaloniki.

Considerable efforts were made at design stage to minimise the environmental impacts of construction. The Greek state has also taken steps to attract private investment in the schemes.

• What are its expected benefits?

Journey times by car within Greece will be dramatically cut by the construction of the roads. It will directly benefit the 70% of the population that live in the cities along the Pathe/Via Egnatia routes, accelerating economic and regional development.

The project will also provide considerably faster access to neighbouring countries – Albania, FYROM, Bulgaria and Turkey – enhancing Greece’s position in the region ahead of EU enlargement. Combined with Via Egnatia’s links to five ports, eight airports and nine other major roads, the scheme will boost tourism and trade. The upgrade of the roads to motorway standard is expected to reduce road accidents along these corridors.

• What is its current status?

Currently, 50% of the Via Egnatia and over 60% of the Pathe motorway have been completed. The remaining sections are either under construction or at advanced design stage. Both routes will be largely complete by 2005.

Community support of € 30 million is foreseen in the framework of the TEN Programme 2001-2006. The project has also benefited substantially from EU Structural Funds support and from EIB loans.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Pathe	upgrade and new construction	800	1990-2005	4 654	8 389
Via Egnatia	mainly new construction	780	1990-2005	2 277	4 215
<i>total:</i>		<i>1 580</i>		<i>6 931</i>	<i>12 604</i>

8. PP8 - Multimodal link Portugal-Spain-Central Europe - Improving the Iberian peninsula's road, rail, air and maritime infrastructures, and allowing efficient transfer between them, will strengthen its connections with the rest of Europe by reducing the time and cost of passenger and freight journeys

- **What is the project?**

The project will reinforce three multimodal corridors linking Portugal and Spain, helping to connect the two countries with the rest of Europe. It encompasses sub-projects to improve routes across the Spanish/Portuguese border, linking Spanish cities such as Valladolid, Seville and Vigo with Portugal's principal sea and airports, and its large urban centres – Porto and Lisbon in particular. As part of wider infrastructure investments, it complements existing rail, road, maritime and air routes in the west of the Iberian peninsula, and will link the main Portuguese and Spanish sections of the trans-European transport network.

- **What are its expected benefits?**

The project makes an important contribution to continuing efforts to improve links between the centre of the European Union and its peripheral regions, and will strengthen the Iberian peninsula's position as a western European gateway.

Specifically, it will facilitate links between the peninsula and western and south-western France. Road freight currently accounts for 97% of trade flows between these two regions. The TEN-T project will allow dramatic improvements, significantly reducing journey times and increasing safety, especially for international traffic. By expanding rail transport capacity it will increase rail's share of intra-Community freight transport along these corridors, contributing to environmental sustainability. Directly and indirectly, the project will also stimulate job creation in the regions affected.

- **What is its current status?**

In the Portuguese section, in addition to a number of road, rail and port studies, between 1998 and 2001, electrification, track doubling and other upgrading work was carried out on the Minho, Norte, Beira Alta, Beira Baixa and Algarve railway lines. The Porto-Vigo motorway is completed, and the Lisbon-Faro-Seville one opened to traffic in 2002. The next few years will see development works at Porto and Faro airports, and the construction of Lisbon's new airport at Ota.

In the Spanish section, between 1997 and 2001 studies were carried out for eastern and northern rail corridors, and the Valladolid-Salamanca and Benavente-Verin sections of the Irún-Lisbon/Porto road link were completed.

TEN-T funding to date totals around €30 million. Community support of € 12 million is foreseen in the framework of the TEN Programme 2001-2006. The project's various sections have also received substantial support from EU Structural Funds.

<i>corridors</i>	<i>rail (€m)</i>	<i>road (€m)</i>	<i>airports (€m)</i>	<i>ports (€m)</i>	<i>total (€m)</i>
Lisbon-La Coruña:					
• Portuguese section	617	542			
• Spanish section	283	234			
Lisbon-Irún:					
• Portuguese section	1 192	849			
• Spanish section	187	791			
Lisbon-Seville					
• Portuguese section	0	346			
• Spanish section	0	201			
<i>total Portugal</i>	<i>1 809</i>	<i>1 737</i>	<i>206</i>	<i>764</i>	<i>4 516</i>
<i>total Spain</i>	<i>470</i>	<i>1 226</i>	<i>0</i>	<i>0</i>	<i>1 696</i>
<i>total:</i>	<i>2 279</i>	<i>2 963</i>	<i>206</i>	<i>764</i>	<i>6 212</i>

9. PP9 - Conventional rail link Cork-Dublin-Belfast-Larne-Stranrae. The improvement of Ireland's major north-south railway line has cut journey times and is helping to reduce congestion in and around the island's major cities

- What is the project?**

This project is upgrading an existing rail link between Ireland's three largest cities – Cork and Dublin in the Republic, and Belfast in Northern Ireland – and connecting them to the rest of Europe via the ferry between Larne and the Scottish port of Stranraer. The 502-kilometre route was upgraded for both freight and 200 kilometre an hour passenger services. An improved Londonderry-Belfast line feeds the main rail link.

- What are its expected benefits?**

The scheme is designed to increase the speed and frequency of both passenger and freight services, contributing to the shift of traffic from the roads, especially for cross-border trips. With journey times reduced to 1 hour 40 minutes and nine departures per day in each direction, the service between Dublin and Belfast has already proved popular.

The reopening of the improved line from Belfast to Londonderry has cut the time of the direct service by over 40 minutes, as well as speeding up services to intermediate stations. These improvements are expected to make the railway more attractive to commuters, easing road traffic congestion on the main routes into Belfast.

- What is its current status?**

The Cork-Dublin line was completed in 1996, and the Dublin-Belfast section in August 1999. A new fast rail service was launched in October 1997 and is now well established.

On the Belfast-Londonderry route, the Antrim-Bleach Green section was reopened in June 2001, following the relaying of 21 kilometres of track and three kilometres of double track.

The Belfast-Larne section of the scheme has not yet been upgraded, although possible options are still under consideration.

The total cost is estimated at nearly € 360 million, and the project has benefited substantially from EU Structural Funds support.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
UK sections (excluding Belfast-Larne)	upgraded		1989-2001	119	119
Republic of Ireland sections	upgraded		1989-2001	238	238
<i>total:</i>		<i>502</i>		<i>357</i>	<i>357</i>

10. PP10 - Malpensa airport (Milan) As part of the trans-European transport network, new investment has brought relief to this congested international hub by increasing capacity to meet rapid traffic growth

• What is the project?

The project comprised the upgrade of the runway capacity, a brand new passenger terminal (Terminal 1), a new aircraft parking area or ‘apron’, and a cargo centre.

The airport now has two passenger terminals and two 3 920-metre runways, long enough for the largest commercial jets. Two new cargo buildings cover an area of 45 000 square metres. They are equipped with a highly automated system for handling containers which can service up to 50 trucks at once.

• What are its expected benefits?

Strategically located in Italy’s Lombardy region, which with 720 000 businesses is the third most dense business area in Europe, Malpensa airport is among Europe’s largest and most important transport infrastructures. Spanning an area of over 2.5 million square metres, the airport itself employs some 15 000 people. Ninety-five carriers currently fly from Malpensa to 180 destinations worldwide. In 2001, the airport handled 19 million passengers and 235 000 aircraft movements. Malpensa also ranks seventh among Europe’s major cargo airports.

This major investment project has equipped the airport to cope with increasing levels of passenger demand, and contributed to the intra-European air service infrastructure needed to cope with the expected growth in air freight. It has facilitated links between the commercially important Lombardy region and the rest of Europe, and streamlines trade within Europe’s ‘Schengen’ zone of easy cross-border travel, which Italy joined in 1990.

- **What is its current status?**

The Malpensa Airport project, financed by loans and state grants, and with a contribution of €26.8 million from the TEN-T budget, was completed in 2001.

Suburban rail links with Milan have been operational since 2000. Following completion of the TEN-T project, development at Malpensa is continuing. Further investment will be made over the next two years to build a third passenger satellite, completing Terminal 1, and in the construction of new aircraft maintenance hangars. The luggage-handling centre will also be upgraded. Studies are being conducted about the feasibility of a new hotel, a business centre and the construction of a third runway which would reduce environmental and noise impact on nearby communities. The financial plan for Malpensa airport comprises state grants, loans from the European Investment Bank and other financial institutions, and resources from S.E.A. S.p.A., the concessionaire for the Milan airport system. From 1995 to date, the Community has granted around € 26.8 million in the form of interest rebates to support the project.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Malpensa Airport	extension/new facilities		1995-2001	945	945
<i>total:</i>				945	945

11. PP11 - Fixed rail/road link between Denmark and Sweden The completion of the Öresund bridge is both a powerful symbol and a practical aid to the further development of one of Europe's most productive and prosperous regions

- **What is the project?**

The Öresund bridge creates a direct road and rail link across the Danish straits from Copenhagen in Denmark to Malmö in Sweden, with a four-lane motorway running above a double-track railway. The new fixed link consists of a four-kilometre tunnel under the sea, a four kilometre long artificial island, and a 7.5-kilometre bridge – the world's longest cable-stayed bridge for road and heavy rail.

The project also involved the construction of major new access routes from the two countries' road and rail networks, and a new railway station at Copenhagen airport.

- **What are its expected benefits?**

The fixed link has massively reduced the time, and greatly improved the safety, of road and rail travel between Sweden and Denmark. It makes possible the integrated development of the Copenhagen and Skane areas as a single, cross-border region.

With a population of 2.3 million and a GDP among the highest in Europe, the region is expected to benefit considerably from improved passenger and freight connections with the surrounding Baltic countries and with European transport networks. In particular, the Öresund link extends the St Petersburg-Helsinki-Stockholm-Copenhagen corridor (see also Project 12).

- **What is its current status?**

The Öresund link went into service on schedule in July 2000. In its second year of operation, road traffic across the link has increased by 20%. There is already evidence that this improved access to markets and to skilled personnel is encouraging major companies to relocate to the region, and assisting the growth of high-tech firms such as those in the Medical Valley region north of Copenhagen.

TEN-T support in the period 1995-2001 was € 127 million.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
Öresund fixed link	tunnel, island and bridge	15.5	completed 2000	2 740	2 740
Danish access routes	new motorway and rail	27	completed 1999	946	946
Swedish access routes	new motorway, rail, etc.	10	completed 2001	472	472
<i>total:</i>		<i>52.5</i>		<i>4 158</i>	<i>4 158</i>

12. PP12 - Nordic triangle (rail/road) Rail, road and maritime infrastructure across the Nordic countries will see vast improvements thanks to this ongoing project

• What is the project?

The multimodal Nordic Triangle scheme is upgrading road, rail and maritime infrastructures in Sweden and Finland to improve freight and passenger transport between the Öresund fixed link (see Project 11), Stockholm, Oslo, Turku, Helsinki and the Finnish-Russian border.

• What are its expected benefits?

In conjunction with a parallel Russian improvement programme, the upgrading of the Finnish rail corridor to 200 kilometres an hour will cut journey times between Helsinki and St Petersburg by nearly 50%, to just three hours. Similar upgrading work has already improved journey times on the Turku-Helsinki section, attracting increased numbers of passengers. Progressive upgrading to motorway standard of the two-lane E18 road from Turku to Hamina in the south-east will similarly reduce journey times – in particular, by relieving congestion around Turku and Helsinki and elsewhere along the route. In Sweden, rail journeys from Stockholm to Malmö will be cut to under four hours and between Gothenburg and Oslo, where tilting trains will be used, from four hours to two hours and 20 minutes.

Improvements to roads in Sweden and Finland, as well as to the ferry link across the Gulf of Bothnia, will significantly boost safety standards along these routes.

• What is its current status?

Upgrading of the Turku-Helsinki main rail line, as well as of urban lines from Helsinki to Leppävaara and Tikkurila, was completed in 2000. Work on the section from Helsinki to the Finnish-Russian border will be completed by 2006. Two sections of the E18 motorway were completed in 2001, with the remaining stretches due for completion by 2008. Development of traffic management and safety systems, ferries and icebreakers for the Turku-Stockholm maritime link are ongoing.

The main rail line from Malmö to Stockholm has been upgraded to 200 kilometres per hour as far as Norrköping. New lines allowing speeds of up to 300 kilometres per hour will be built in especially busy sections. The Stockholm-Oslo line has been upgraded to the Norwegian border. Most of the Swedish west coast mainline from Malmö to Gothenburg has been expanded to double track, mainly along a new route. Double-tracking to permit speeds of up to 200 kilometres an hour is also under way on the rail line between Gothenburg and the Norwegian border. The E4, E6 and E18 roads have now largely been upgraded to motorway standard. The remaining sections include a planned new 21-kilometre bypass around Markaryd. A new underground passenger rail link – Citytunneln – is planned beneath Malmö. Work is scheduled to start in 2003, with the link becoming operational by 2008.

The total investment is estimated at more than € 7 billion. Community support of € 85.5 million is foreseen in the framework of the TEN Programme 2001-2006.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
road (Finnish section)	upgrade to motorway	1 100	by 2008	216	1 150
rail (Finnish section)	rail upgrade		by 2010	309	1 640
road (Swedish section)	upgrade to motorway	1 400	1995-2010	1 011	1 984
rail (Swedish section)	rail upgrade		1995-2010	562	1 125
Malmö Citytunneln	new line	17	1998-2008	125	1 067
<i>total:</i>		<i>2 517</i>		<i>2 223</i>	<i>6 966</i>

13. PP13 - Ireland/United Kingdom/Benelux road link - Roads in northern and southern Ireland, Scotland, Wales and England are being upgraded to speed transport between Ireland and mainland Europe

- **What is the project?**

This project will improve road transport between Cork, Dublin and Belfast, complementing the development of Ireland's main west coast rail line (see Project 9). It will also provide upgraded links to mainland Europe via ferry links to Scotland and Wales, the A14 and M6 roads across England, and the ferry ports of Felixstowe and Harwich. The 1 500-kilometre route includes a mixture of new roads, mainly in the Republic of Ireland, and the upgrading of existing roads to motorway, expressway, dual-carriageway and high-quality single-carriageway, depending on traffic densities.

- **What are its expected benefits?**

The project will significantly shorten journey times for passengers and freight between Ireland and the ports of Belgium and the Netherlands, contributing to the economic and social cohesion of one of Europe's peripheral regions. As well as improving safety, it will help to ease congestion on these routes by relieving current traffic bottlenecks.

- **What is its current status?**

In England, construction of the A14 road linking the A1 and M6 has been undertaken, and improvements to six further sections are planned but are subject to the outcomes of studies. In Wales, improvements to the A55 were completed in 2001, together with upgrading of the A40 from Carmarthen to St Clears, with work on the A40 from St Clears to Haverfordwest due to start in 2008. Upgrading on the A465 began in 2002 and is due for completion in 2004, with improvements to six other sections to follow. Work to improve the A75 through Dumfries and Galloway in Scotland is ongoing. In Northern Ireland, the widening of three sections totalling 24 kilometres, and the improvement of several junctions, is expected to be completed by 2007. Further widening schemes are likely to be approved during 2002.

In the Republic of Ireland, preparations are under way for construction of the new sections of the M/N1 from Dundalk to Newry and Newry to the border. A tender will be awarded in 2004 for scheme completion by 2006. The Dunleer-Dundalk section of the M1 opened in January 2001 and construction work on three other sections is at an advanced stage and will be completed by 2003. The Dundalk western bypass is at tender stage. Work is also well underway on the M7 Kildare bypass, due for completion in 2004. The M7 Monasterevin bypass is at tender stage. Work has also started on the N8 Cork-Dublin road south of Portlaoise, due for completion in 2003. The N8 Cashel bypass is currently at tender stage, and other sections are at planning stage.

Community support of € 30.8 million is foreseen in the framework of the TEN Programme 2001-2006. In eligible regions the project also benefits from EU Structural Funds support.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
UK sections	new and upgraded roads	1 150	1992-2012	194	1 349
Republic of Ireland sections	new and upgraded roads	380	1989-2006	440	2 316
<i>total:</i>		<i>1 530</i>		<i>634</i>	<i>3 665</i>

14. PP14 - West coast main line (rail). Improved network capacity and high-speed performance for both passenger and freight services in the Union's north-western regions will strengthen cross-border connections and trade

- **What is the project?**

This project will renew and upgrade Britain's main west coast railway line, which runs from Glasgow through Liverpool and Manchester to Birmingham and London, covering a total distance of 850 kilometres. The improved line will connect to the Channel Tunnel Rail Link in London, providing a high-speed service all the way from Scotland to continental Europe. Passenger services will be able to achieve maximum speeds of 200 kilometres an hour.

- **What are its expected benefits?**

The scheme will allow shorter journey times for passengers and freight travelling between Northern Ireland, Scotland and the north of England and France, Belgium, the Netherlands and Germany. Improved speed and convenience are expected to attract new users on these international routes, helping to shift traffic from the roads.

- **What is its current status?**

Work on the project began in 1994, and extensive renewal and enhancement works have already been completed. In London, track and signalling systems have been rebuilt between Euston and Wembley, while track replacement and overhead electrification is currently being carried out on the section between London and Crewe.

Remaining project objectives are currently under review by the United Kingdom's Strategic Rail Authority, and 200 kilometre per hour services are scheduled for introduction in 2003. The project as a whole is due to be completed in 2007.

Community support of € 44 million is foreseen in the framework of the TEN Programme 2001-2006.

<i>route</i>	<i>type of work</i>	<i>distance (km)</i>	<i>timetable</i>	<i>investment to date (€m)</i>	<i>total investment (€m)</i>
West coast main line	rail upgrade – 220 km/h	850	1994-2007	2 154	7 700
<i>total:</i>		<i>850</i>		<i>2 154</i>	<i>7 700</i>

ANNEX III : COMMUNITY FINANCIAL SUPPORT FOR TRANS-EUROPEAN NETWORK PROJECTS IN THE ENERGY SECTOR DURING THE PERIOD FROM 1995 TO 2001 (FROM THE TEN-ENERGY BUDGET LINE)

PRIORITY

PROJECT OF COMMON INTEREST

Registration	Financial support (in EURO `000)	Subject of the action
--------------	------------------------------------	-----------------------

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.
E134/01	2000	Electricity interconnection (submarine cable) UK-Ireland. Economic feasibility and engineering studies. (Phase 1)
Total: a02	2350	

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).
E071/97	1015	United Kingdom - Isle of Man electricity interconnector. Feasibility study (Phase 2) including sea-bed survey.
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)
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.
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.
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.
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.
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 Pyrennees 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)
E136/01	355	Construction of a 380 kV transmission line between Cordignano (Italy) and Lienz (Austria) and the strengthening of interconnection between Italy and the Austrian-Slovenian corridor. Preparatory study; Feasibility study (including economic and preliminary environmental analysis); Technical study and environmental study.
Total:b12	437,5	

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.
E132/01	2000	Electricity interconnection (submarine cable) UK-Netherlands. Economic feasibility and engineering studies. (Phase 2b).
Total: b15	4553	

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

c11 SWEDEN: Strengthening and development of internal connections.

E138/01 **102.5** Increased transmission capacity in the critical transfer section in the middle and in the south of Sweden. Analyzing and implementation of a Special Protection Scheme (SPS) and evaluation of the need for further reinforcement of the transfer section.

Total: c11 102.5

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

d05 ITALY - SWITZERLAND: Strengthening connections between northern Italy and Switzerland.

E135/01 **249** New 380 kV double circuit Transmission Line between S.Fiorano (Italy) and Robbia (Switzerland). Feasibility study (including economic and preliminary environmental analysis); Technical study and environmental study.

Total: d05 249

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).
E133/01	2590	UK - Norway Interconnector (submarine cable). Economic feasibility and engineering studies. (Phase 2c)

Total: d10 8740

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.
E131/01	1127	Reinforcement of the Spain Morocco Submarine Electrical Interconnection across the Strait of Gibraltar. Feasibility studies: Network studies, Marine survey of the proposed corridor, Basic engineering studies, Environmental Impact Assessment

Total: d13 1764,5

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) UCPTTE 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 UCPTTE/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 Dürnröhr. 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 UCPTTE/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

G73/01 **243.5** Extension of the High Pressure Transmission System to the Greek/Turkish border. Feasibility, basic and environmental studies.

G74/01 **800** Expansion of Revithoussa LNG receiving terminal. Basic, technical, environmental and safety studies.

Total: e06 4763.5

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-Pyhrn-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.
--------	------	---

G69/01	1488	Development of underground storage capacities for natural gas in the region "Alsace". Exploration studies for the qualification of salts caverns, including drilling an exploration well.
--------	------	---

Total: g07 5778

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.
G64/01	4207	Underground gas storage Brihuega. Environmental study, drilling of two exploration wells, re-entry Sta. Barbara-1 well and feasibility study.
G65/01	2254	Underground gas storage Sarinena. Environmental study, re-entry Sarinena-1 well and drilling of Sarinena-3 well.
Total: g08	18719,15	

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.
G66/01	1443	Underground gas storage Reus. Environmental study, interference test between Reus-2 and 3 wells, drilling of Reus-4 well.
Total: g08a	4285,8	

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.
--------	------	--

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.
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.
Total: h17	3886	

ANNEX IV PROGRESS ACHIEVED ON SPECIFIC TEN-ISDN / TELECOM PROJECTS FROM 1997 TO 2001

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	4/1999
T.C.				
ET ACHETEURS DE FRANCE				
<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/ETD** (O.J. C162, 6/06/1996)

TeleTourism/SME Joint Call

BIRD T.C.	€30.000	DK	Destination Bornholm	04/2000	
<i>REGION OF BORNHOLM</i>					
BRANDEBURG T.C.	€190.000	DE	TourBU		T.C.
<i>REGION OF BRANDEBURG</i>					
CORSICA ON-LINE T.C.	€194.950	FR	Société Informatique et Télématique Corse	04/2000	T.C.
<i>REGION OF CORSICA</i>					
CRETAN TOURNET T.C.	€299.525	GR	Region of Crete	04/2000	
<i>REGION OF CRETE</i>					
NETUR T.C.	€129.083	PT	Madeira Tecnopolo	04/2000	
<i>REGION OF ACORES AND MADEIRA</i>					
NEWSITE T.C.	€200.000	UK	Northumbria Tourist Board	04/2000	
<i>REGION NORTH OF ENGLAND</i>					
OCIS T.C.	€130.000	AT	Kärntner Tourismus GmbH	04/2000	
<i>REGION OF CARINTHIA</i>					
TOMMI T.C.	€230.000	DE	Chamber of Commerce Schwerin	04/2000	
<i>REGION OF MECKELBURG-VORPOMMEN</i>					
TORGANET T.C.	€200.000	ES	TURGALICIA	04/2000	
<i>REGION OF GALICIA</i>					
TOSCANA NEL MONDO T.C.	€169.833	IT	Toscana Nel Mondo	04/2000	
<i>REGION OF TOSCANA</i>					
TOURSAX T.C.	€230.000	DE	Aufbauwerkregierungbezirk Leipzig GmbH	04/2000	
<i>REGION OF SAXONY</i>					
TRIPS T.C.	€360.000	IE	Board Failte Eireann	04/2000	
<i>REGIONS OF IRELAND AND NORTH IRELAND</i>					
TURNET T.C.	€135.000	ES	Centro para el Desarrollo de las Telecomucaciones de Castilla y Leon	04/2000	
<i>REGION OF CASTILLA Y LEON</i>					
UNPLITOUR T.C.	€200.000	IT	Unione Nazionale pro Loco d'Italia	04/2000	

REGION OF VENETO

**X-SITE
T.C.**

€119.950 FI

Finnish Tourist Board

04/2000

REGION OF NORTH KARELIA

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

Call 1997/MM (O.J. C381, 17/12/1996)

Educational MultiMedia Joint Call

ASTEP Open	€705.000	GB	Heriot-Watt University	10/1999
<i>ADVANCED SOFTWARE FOR TEACHING AND EVALUATION OF PROCESSES</i>				
EASI-ISAE Open	€400.695	GB	University of Derby	10/1999
<i>VOCATIONAL TRAINING SOFTWARE AND TOOLS TO ASSIST INTELLECTUAL AUTHORS AND SOFTWARE DEVELOPERS IN THE PRODUCTION OF MULTIMEDIA</i>				
ETUDE Open	€438.464	BE	European Trade Union College	10/1999
<i>EUROPEAN TRADE UNION DISTANCE EDUCATION</i>				
EUN-MULTIMEDIA T.C.	€1.168.000	SE	Committee on European Schoolnet	10/1999
<i>EUROPEAN MULTIMEDIA SCHOOLNET</i>				
EXE T.C.	€1.219.400	IT	Commune di Bologna	10/1999
<i>EXTRANET EDUCATION</i>				
IN-TELE T.C.	€624.000	DE	Frederich-Schiller-Universität	10/1999
<i>INTERNET-BASED TEACHING AND LEARNING</i>				
LILIENTHAL T.C.	€1.004.743	DE	Lufthansa Flight Training	10/1999
<i>MULTIMEDIA OFF AND ON-LINE DISTANCE LEARNING FOR EUROPEAN PILOT TRAINING</i>				
MENTOR Open	€860.937	GB	University of Hull	10/1999
<i>MULTIMEDIA EDUCATION NETWORK FOR TEACHING, OUTPUT AND RESEARCH</i>				
NETLOGO T.C.	€305.916	GR	Doukas School	10/1999
<i>THE EUROPEAN EDUCATIONAL INTERACTIVE SITE</i>				
POST-DOC T.C.	€682.000	NL	Universiteit Maastricht	10/1999
<i>POST GRADUATE TRAINING FOR DOCTORS IN MARGINAL AREAS</i>				
SCHEMA T.C.	€688.000	GB	University of Stirling	10/1999
<i>SOCIAL CARE AND HIGHER EDUCATION IN MARGINAL AREAS</i>				
VALASPI Open	€162.000	FR	ARCHI-MED GEIE	10/1999
<i>VALASPI</i>				
VES T.C.	€762.458	AT	Bundesgrmium des Handels mit Büchern	10/1999
<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 T.C.	€771.953	BE	BELGAVOX	11/1999
<i>ARCHIVES CINEMATOGRAPHIQUES ET TELEVISUELLES: ETUDE DE MARCHE POUR UN SERVICE INTERNET PAR SATELLITE</i>				
AIDMAN T.C.	€364.000	GR	Computer Technology Institute	12/2000
<i>ADVANCED INFORMATION DISTRIBUTED MEDICAL ACCESS NETWORK</i>				
DEMON T.C.	€1.154.235	FR	ALCATEL Espace	10/2000
<i>USER ACCEPTABILITY OF WIDE-BAND INTERACTIVE SERVICES OVER SATELLITE INFRASTRUCTURE</i>				
GALENOS T.C.	€1.423.800	FR	European Telecommunications Satellite Organisation	10/2000
<i>GENERIC ADVANCED LOW-COST TRANS-EUROPEAN NETWORK OVER SATELLITE</i>				
REVENUES T.C.	€1.173.750	IT	Finmeccanica S.p.A. - ALENIA AEROSPAZIO Space Division	05/2000
<i>RELIABLE VIRTUAL ENTERPRISE NETWORKS UBIQUITOUS OVER EUROSKYWAY</i>				
SANARIS T.C.	€972.254	ES	INDRA ESPACIO SA	05/2000
<i>A SATELLITE NETWORK FOR NATURAL RISKS MONITORING WITH FAST DEPLOYMENT AND CLOSE-TO-TARGET CAPABILITIES IN EMERGENCY SITUATIONS</i>				
THEN T.C.	€784.688	IT	TELBIOS	12/1999
<i>TELE-HEALTH EUROPEAN NETWORK</i>				

Interoperability and Mobile Networks

AMON T.C.	€600.000	GR	OTE SA	05/2000
<i>FEASIBILITY STUDY OF THE BUSINESS CASE OF ADVANCED MULTI-MODE MOBILE NETWORKS</i>				
MOBICAST T.C.	€1.076.104	FR	EXPERTEL CONSULTING S.A.	10/2000
<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 T.C.	€879.520	IE	WATERFORD INSTITUTE OF TECHNOLOGY	10/2000
<i>AN INFORMATION INFRASTRUCTURE FOR BANDWIDTH TRADING</i>				
EMERITUS T.C.	€329.972	GB	FEDERATION OF THE ELECTRONICS INDUSTRY	05/2000
<i>AN E-BUSINESS MODEL FOR THE EFFECTIVE REALISATION OF A TRUST SERVICES INFRASTRUCTURE</i>				
MEDICATE Open	€1.695.109	GB	CABLE&WIRELESS UK SERVICES LTD	11/1999
<i>MEDICAL DIAGNOSIS, COMMUNICATIONS AND ANALYSIS THROUGHOUT EUROPE</i>				
MIPEX II Open	€899.715	GB	UNITED KINGDOM PATENT OFFICE	10/2000
<i>MESSAGE BASED INDUSTRIAL PROPERTY INFORMATION EXCHANGE</i>				
SATISFY 2000 Open	€1.932.969	FR	EXPERTEL CONSULTING S.A.	10/2000
<i>SATELLITE MOBILE COMMUNICATION BRINGING ADVANCED APPLICATION AND SERVICES</i>				
TTT-NET T.C.	€1.170.000	AT	INFONOVA Gesmbh	11/1999
<i>TEN-TELECOM TIPHON-NET</i>				

Education and Training

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

Access to Europe's Cultural Heritage

HORTONET T.C.	€82.820	GB	FUTURE HERITAGE	11/1999
GLOBAL HORTICULTURAL NETWORK				
IBUT 2 T.C.	€600.000	DE	DEUTSCHE TELEKOM AG	06/2000
ISDN BOT USER TRIAL				

Applications and Services for SMEs

DIGITAL MARKET T.C.	€514.586	IT	Confederazione Nazionale dell' Artigianato e della Piccola	10/2000
Impresa				
<i>DIGITAL MARKET IN MEDIUM SIZE CITIES</i>				
ENINFO T.C.	€604.753	ES	IBERICA DE ESTUDIOS E INGENIERIA S.A.	11/1999
<i>ENVIRONMENTAL VENTURE INCENTIVE INFORMATION</i>				
HERMES	€998.598	IT	ELSAG SISTEMI	11/1999

T.C.

HYBRID EUROPEAN REMOTE MAIL EXCHANGE SERVICE

INFO@SEA €750.000 GR INTRACOM S.A. 05/2000
T.C.

INFORMATION AND E-COMMERCE SERVICE TO THE SHIPPING INDUSTRY

NEA €1.300.000 IT TDS Informationstechnologie AG 10/2000
T.C.

NETWORK ENTERPRISE APPLICATIONS

UFOS €340.000 FR ACRI 10/2000
T.C.

ULTRA VIOLET FORECASTING OPERATIONAL SERVICE

Transport and Mobility

A-CDM-D €686.015 FR AIRSYS ATM S.A. 10/2000
T.C.

AIR COLLABORATIVE DECISION MAKING DEMONSTRATOR

SIPTS €500.000 FI OY NOVACALL AB 10/2000
T.C.

SERVICES FOR INTELLIGENT PUBLIC TRANSPORT SYSTEMS (SIPTS)

TESSYN €388.171 FR ALCATEL SPACE INDUSTRIES 02/2000
T.C.

TRANS EUROPEAN SATELLITE BASED SYSTEM FOR NAVIGATION

Environment and Emergency Mgmt

MULTIMETEO XXI €574.000 FR LEXIQUEST 05/2000
T.C.

MULTILINGUAL PRODUCTION OF WEATHER FORECASTS INTO THE XXIST CENTURY

Health

TEN-CARE €1.800.000 DE Empirica Gesellschaft für Kommunikations- und 05/2000
T.C.

Technologieforschung GmbH

TELECOMMUNICATIONS-BASED HOME CARE SERVICES FOR EUROPEAN CITIZENS

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.

NEW INFORMATION TECHNOLOGIES TO OPEN UP RURAL AREAS

Education and Training

MD EUROPE €507.703 FI Tieto Corporation Ltd, Services and Transportation 10/2000
Open

MULTIMEDIA DELIVERY EUROPE

OTIS Open	€510.000	GB	The University of Liverpool	10/2000
---------------------	-----------------	-----------	------------------------------------	----------------

OCCUPATIONAL THERAPY INTERNET SCHOOL

Access to Europe's Cultural Heritage

VAN EYCK 2 Open	€283.036	NL	Rijksbureau voor Kunsthistorische Documentatie	10/2000
---------------------------	-----------------	-----------	---	----------------

VISUAL ARTS NETWORK FOR THE EXCHANGE OF CULTURAL KNOWLEDGE 2

Applications and Services for SMEs

CLISME Open	€389.679	FI	VTT Technical Research Centre of Finland	10/2000
-----------------------	-----------------	-----------	---	----------------

CLIENT SERVICE SYSTEM FOR SME INTERMODAL OPERATOR

DECODE Open	€262.875	ES	NEXTEL S.A.	10/2000
-----------------------	-----------------	-----------	--------------------	----------------

DEVELOPMENT AND VALIDATION OF ELECTRONIC COMMERCE FOR SMALL AND MEDIUM SIZED ENTERPRISES

Transport and Mobility

DSTM Open	€392.089	IT	TELESPAZIO SPA	12/2000
---------------------	-----------------	-----------	-----------------------	----------------

DATA SERVICES FOR TRANSPORT AND MOBILITY USERS

Health

CITRON Open	€1.275.411	ES	Compañía de Seguros Adeslas	10/2000
-----------------------	-------------------	-----------	------------------------------------	----------------

INTEGRATED DELIVERY NETWORKS FOR CITIZENS HEALTH

Cities and Regional Networks

E-GAP Open	€1.700.000	BE	International Business Machines of Belgium	10/2000
----------------------	-------------------	-----------	---	----------------

ELECTRONIC BUSINESS GUARDIAN ANGEL PROGRAM

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

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 T.C.	€197.000	IT	Istituto Nazionale di Urbanistica	10/2000	
----------------	----------	----	-----------------------------------	---------	--

THE EUROPEAN JOURNAL OF PLANNING ON-LINE

SERCAL	€985.000	NL	VESTIA GROEP		Open
<i>SERVICE CENTER SOLUTION FOR AUTONOMOUS LIVING</i>					

VIRTUHALLS Open	€1.297.000	NL	CASEMA PLC	11/2000	
--------------------	------------	----	------------	---------	--

VIRTUHALLS - EARLY DEPLOYMENT OF VIRTUAL HALLS ON THE CITY WIDE INTRANETS (Initial Deployment Project)

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 mBH	€1.930.358	BE	Empirica Gesellschaft fuer Kommunikations- und TEchnologieforschung	Open
<i>TRANS-EUROPEAN NETWORKS PROVIDING 21ST CENTURY HOUSING TO EUROPE'S TENANTS</i>				
COSEAG	€126.299	DE	TS	Open
<i>CONSUMER PROTECTION SEAL: ASSURANCE AND MONEY-BACK-GUARANTEE</i>				
E-DIAMOND	€0	IT	VITROCISSET SPA	Open
<i>DISTRIBUTED AND MULTIFACETED ONLINE E-TRADING NETWORKS</i>				
EOLT	€2.492.820	IT	Investnet Italy spa	Open
<i>EUROPEAN ON LINE TRADING</i>				
EURTRADENET	€964.988	ES	NEW KNOWLEDGE NETWORK, S.A.	Open
<i>INFORMATION AND SERVICES BROKERAGE FOR FOREIGN TRADE</i>				
OCTABLE	€857.454	FR	E-acute	Open
<i>ALTERNATIVE KEYBOARD FOR THE DISABLED</i>				
ONLINE CONFIDENCE	€2.400.928	BE	Eurochambres ASBL	Open
<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 Informacion del Pais Vasco	€667.000	ES	GAIA - Asociacion de Industrias de las Tecnologias Electronicas y de la	Open
<i>TELEMATIC SUPPORTED BUSINESS EXCELLENCE NETWORK</i>				

Education and Training

METAFOR	€1.616.849	FR	Alcatel Space Industries SA	Open
<i>DISTANCE LEARNING BY SATELLITE</i>				
VINCITEC	€730.624	ES	Fundacion European Software Institute	Open
<i>VIRTUAL TRAINING CENTRE IN INFORMATION TECHNOLOGY</i>				
WEBSCHOOL	€778.298	IT	Seat Pagine Gialle Spa - Telecom Italia Net (SEAT SPA)	Open
<i>EUROPEAN PORTAL FOR SHARED LEARNING, DISTANCE TRAINING AND E-COMMERCE</i>				

Access to Europe's Cultural Heritage

CHANCE	€1.890.500	IT	. ENG	Open
<i>CULTURAL HERITAGE ACCESS THROUGH NETWORKED SERVICES FOR EDUTAINMENT MARKET</i>				
EPRINT	€196.772	ES	Consultores Asociados S.L.	Open
<i>ELECTRONIC COMMERCE IN THE EUROPEAN PRINTING INDUSTRIES</i>				

Applications and Services for SMEs

E-CERAMICS	€1.119.880	GR	V. Aleksandridis and Co. E.E.	Open
-------------------	-------------------	-----------	--------------------------------------	-------------

INTEGRATED MULTI-SERVICE PROVISION SYSTEM FOR SMES IN THE CERAMICS SECTOR

E-TEN €1.196.465 GB Cable and Wireless Communications Services Limited Open

EUROPEAN TENDERING EXCHANGE NETWORK

EINER €785.000 FR CHAMBRE DE COMMERCE ET D'INDUSTRIE Open

NICE-COTE D'AZUR

ECONOMIC INTELLIGENCE NETWORK FOR EUROPEAN REGIONS

ENVIRO2B.COM €1.000.000 FR ENVIRO2B.SA Open

FIRST EUROPEAN B2B MARKETPLACE FOR THE ENVIRONMENT

EURO-LOGO €821.585 BE EUROCOMMERCE Open

EURO-LOGO

FEM €227.500 GB DEE Associates (Business Consultants) Ltd Open

FEDERATED EXPORT MARKETING - MARKET RESEARCH FOR SMES

NAUTICA EUROPA €912.458 IT LOGITAL srl Open

AN EUROPEAN INTEGRATED SYSTEM FOR SERVICES MANAGEMENT OF LEISURE BOATING AND NAUTICAL TOURISM

SOHONET.EU €401.205 GB Sohonet Ltd Open

SOHONET EUROPEAN BROADBAND MEDIA SERVICES NETWORK

Transport and Mobility

TECAPSY €458.380 ES SOCIEDAD IBERICA DE CONSTRUCCIONES Open

ELECTRICAS SA

TRANS-EUROPEAN CARPOOLING AND PARKING SERVICES

Environment and Emergency Mgmt

E-FIS €977.655 ES IBERICA DE ESTUDIOS E INGENIERIA S.A. Open

EUROPEAN ON-LINE DECISION SUPPORT SYSTEM FOR FOREST FIRE

ENVIRONET €1.249.996 GB Cambridge and District Chamber of Commerce and Industry Open

TRANSNATIONAL ENVIRONMENTAL NETWORKS

WADEF €489.307 ES Actuacions MediAmbientals S.A. Open

WASTE DERIVED FUEL VIRTUAL OFFICE

Health

E-MED €1.199.702 GR Business Architects SQ Open

UTILIZATION OF DIGITAL ECONOMY FOR THE REIMBURSEMENT OF MEDICAL SERVICES

EUROPANET €809.203 ES SEMA GROUP SAE Open

EUROPEAN PSYCHO-PEDAGOGICAL ASSISTANCE NETWORK

MEDISIGNAL €1.170.193 DE SOLINET GMBH TELECOMMUNICATIONS Open

A COST EFFECTIVE SOLUTION FOR REMOTE MONITORING, SUPPORT AND CONSULTATION IN THE HEALTH CARE SECTOR

SPRING	€494.300	ES	Sociedad Andaluza para el Desarrollo de la Informatica y la Electronica S.A.	Open
<i>SYSTEM FOR POLLEN RELATED INFORMATION GATHERING</i>				

Cities and Regional Networks

SENIOR ONLINE	€720.365	AT	Public Voice Lab - Labor zur Forderung von Alltagskommunikation durch	Open
<i>SENIOR ONLINE MARKET VALIDATION</i>				

SUPER	€2.026.100	IT	COBO	Open
<i>SINGLE UNIFIED PORTAL FOR ENTERPRISE'S REQUESTS TO PUBLIC ADMINISTRATIONS</i>				

VICENT	€589.166	ES	FUNDACION ROBOTIKER	Open
<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**

Call 2000/2 (O.J. C299, 20/10/2000)

Generic Services

@SAT PROJECT	€1.137.039	IT	TELESPAZIO S.P.A.	Neg
<i>@-SAT</i>				
CERTIVER	€546.948	ES	SEMA GROUP S.A.E	Neg
<i>CERTIFICATE VALIDATION AND REVOCATION SERVICE</i>				
EBR-TIC SERVICE	€1.333.990	BE	EBR	Neg
<i>EUROPEAN BUSINESS REGISTER-TRUST AND INTERNET CONFIDENCE SERVICE</i>				
IRENE	€1.153.851	DE	CONET	Open
<i>INNOVATIVE TOURISM BUSINESS APPROACH ENABLED BY FEDERATED SERVICE NETWORK</i>				
VOCAL BROWSING	€902.355	IT	LOQUENDO	Open
<i>A PAN-EUROPEAN PLATFORM THAT ENHANCES THE USABILITY OF VARIOUS WEB SERVICES</i>				

Applications for SMEs

ACTIVE SME	€500.000	ES	SEMA GROUPE S.A.E	Neg
<i>ADVERTISING AND COMMERCE THROUGH INTERNET IN CONTEXT OF VIRTUAL ENTERPRISE STUDY OF MARKET ENVIRONMENT</i>				
CSS	€250.771	DE	MERCONIC GmbH	
<i>Cont</i>				
<i>CORPORATE SHOP SOLUTION</i>				
EUROMETALWEB	€802.749	IT	Consorzio TECFOR - Tecnologia e Formazione	Neg
<i>E-MARKETPLACE FOR MECHANICS AND METALLURGIC ENTERPRISES</i>				
REEMS	€400.000	SW	HALLAND ENERGY AGENCY	Neg
<i>REACH ELECTRONIC ENERGY MANAGEMENT SERVICES</i>				
RURLANET	€677.233	ES	FCR	Open
<i>EUROPEAN PLATFORM OF INTERNET SERVICES FOR RURAL HOUSES</i>				
SEM	€580.000	GR	ED	Open
<i>SOUTHERN EUROPE MARKETPLACES</i>				
SOLEIL-SME	€922.349	FR	Institut Français du Textile et de l' Habillement	Cont
<i>SOLUTIONS OF ECONOMIC INTELLIGENCE TO LINK SMES</i>				
TES4TEX	€1.329.727	IT	TEXTILEITALY	Cont
<i>TELEMATIC SERVICES FOR TEXTILE SMES</i>				

Health

C-MONITOR	€1.153.878	ES	SEMA GROUP S.A.E	Neg
<i>A COST-EFFECTIVE SOLUTION FOR PERSONALISED PATIENT COMPLIANCE MONITORING</i>				
DIADEM	€1.400.000	DE	SIEMENS AG	Cont
<i>DIABETES DISEASE MANAGEMENT</i>				
IREMMA	€934.739	GR	Hellenic Telecommunications Organisation SA	Neg

INTEGRATION OF REGIONAL ENVIRONMENT MONITORING AND MANAGEMENT FOR ASTHMA

MEDASHIP	€1.470.557	IT	D'APPOLONIA SPA	Neg
<i>MEDICAL ASSISTANCE FOR SHIPS</i>				
VIRTUS	€998.942	IT	Siemens Medical Solutions Health Services - Italia S.r.l.	Neg
<i>VIRTUAL HOSPITAL</i>				
MEDEXIS	€1.101.618	FR	Maison de santé protestante de Bordeaux Bagatelle	Neg
<i>MEDICAL EXPERTISE DISSEMINATION OVER SATELLITE</i>				

New Work Methods

EBP	€800.000	BE	Office Wallon de la Formation Professionnelle et de l'Emploi	Open
<i>EMPLOYMENT BROKERAGE PLATFORM</i>				
E-OPERADE	€747.830	GR	DIFITAL SIMA	Cont
<i>E-WORK IN PROVISION OF BUSINESS OPERATION AND DEVELOPMENT SERVICES FOR SMALL BUSINESSES IN ISOLATED AREAS</i>				

Education and Training

ETABETA	€685.526	IT	Sineura S.p.A.	Neg
<i>EUROPEAN TRAINING BROKERAGE</i>				

Environment and Emergency Management

EURO-ALERT	€421.101	ES	Investigacion y Desarrollo Informatico, EIKON S.L.	Open
<i>EUROPEAN NETWORK FOR REAL-TIME LIMITATION OF ENVIRONMENTAL POLLUTION LEVELS</i>				
SAM METEO EUROPE	€685.558	ES	Televiso de Catalunya Multimedia SL	Open
<i>CREATION AND COMMERCIALISATION IN SEVERAL EUROPEAN COUNTRIES OF MULTILINGUAL AND MULTIPLATFORM PERSONALISED WEATHER AND ENVIRONMENTAL INFORMATION SERVICES.</i>				
VASCO	€658.823	IT	TELESPAZIO SPA	Neg
<i>VALUE ADDED PROVISION FOR SLICKS AND HAZARDOUS CARGOS OPERATIONAL DETECTION</i>				

City and Regional Information Networks

TETRALINK	€676.326	GR	LINK	Neg
<i>TRANS-EUROPEAN TRUNKED RADIO BASED SPECIALIZED NETWORK LINKED SERVICES</i>				

Transport and Mobility

THEO	€549.922	FR	TELEFI Interactif s.a.	Neg
<i>DATA BROADCAST SERVICES FOR THE MOBILE CITIZEN</i>				

The total contribution is **€23.417.480** for **28** projects from Call **2000/2** committed on budget **2000**

Call 2001/1 (O.J. C211, 28/07/2001)

Generic Services

COBRA €1.620.000 IT **Universita di Pisa** Neg

CONNECTING LOCAL/REGIONAL COMMUNITIES FOR BROADBAND SERVICE ACCESS

DAMS €497.900 IT **SOL-TEC Soluzioni tecnologiche S.r.l.** Neg

DIGITAL ARCHIVES AND MEMORY STORAGE

Applications for SMEs

HERMES2 €1.750.000 SE **Posten Sverige** Neg

HYBRID EUROPEAN REMOTE MAIL EXCHANGE SERVICE

Health

C3 €1.117.771 BE **Telepolis** Neg

COMPREHENSIVE CONTINUOUS CARE

EURODONOR €1.595.460 IT **Centro Nazionale Trapianti** Neg

EUROPEAN DONORS AND ORGANS REGISTRY

E-VITAL €1.069.693 GR **INA** Neg

COST -EFFECTIVE HEALTH SERVICES FOR INTERACTIVE CONTINUOUS MONITORING OF VITAL SIGNS PARAMETERS

New Work Methods

MACRO €899.997 IT **Gruppo Formula S.P.A.** Neg

MOBILITY ASSISTANCE FOR CUSTOMER RELATIONS BASED ORGANISATIONS

W-ASP €796.826 IT **Gruppo Formula S.P.A.** Neg

TELEWORK APPLICATION SERVICE PROVIDER

Education and Training

EPICS €235.970 DE **Council of European Professional Infomatic Societies** Neg

EUROPEAN PROFESSIONAL INFORMATICS COMPETENCE SERVICE

E-PROLEARN €949.998 IT **Millenium S.r.l.** Neg

E-LEARNING FOR PROFESSIONAL DEVELOPMENT

ORPHEUS €699.740 IT **ALINARI** Neg

ON-LINE ALINARI PHOTOGRAPHIC ARCHIVE FOR EUROPEAN EDUCATIONAL SYSTEM

TEN-A €1.099.988 AU **BIT** Neg

TRANS-EUROPEAN NET ACADEMY

Environment and Emergency Management

MUSHROOM €1.248.024 IT **Datamat SpA** Neg

MULTIPLE USERS SERVICE FOR HYDROGEOLOGICAL RISKS OPEN & OPERATIONAL MANAGEMENT

City and Regional Information Networks

EPRIDE €596.875 ES **Fundacion para el desarrollo de la Ciencia y Tecnologia** Neg

ELECTRONIC PLATFORM FOR REGIONAL INFORMATION DISSEMINATION IN EUROPE

SPORT4ALL €1.000.000 GR **Pouliadis Associates Corp. SA** Neg

PROVISION OF TELEMATIC SERVICES TO THE DISABLED FOR THE DIFFUSION OF INFORMATION ON ATHLETIC

EVENTS

The total contribution is **€15.178.242** for **16** projects from Call **2001/1** committed on budget **2001**

Call 2001/2 (O.J. C309/7, 06/11/2001)

Applications for SMEs

MED-TUR	€659.000	IT	Logital SpA	Neg
<i>A DESTINATION MANAGEMENT AND MARKETING SYSTEM FOR MEDITERRANEAN TOURISM</i>				
RE-PUBLIC	€992.000	IT	GALGANO INTERNATIONAL ONP	Neg
<i>RELIABLE E-PUBLIC PROCUREMENT SYSTEM</i>				
NETULIS	€885.413	ES	GALGANO INTERNATIONAL ONP	Neg
<i>PURCHASE OPTIMISATION PLATFORM FOR HEALTH CARE PROVIDERS</i>				

Health

E-OPENDAY	€1.303.000	UK	Brompton & Harefield NHS	Neg
<i>OPEN VIRTUAL ENVIROMENT FOR RESEARCH , BUSINESS AND PUBLIC RESOURCES</i>				
EURAD	€191.980	DE	Curagita AG	Neg
<i>EUROPEAN WIDE TELERADIOLOGY SERVICE NETWORK</i>				
NETC@RDS	€250.000	FR	GROUPEMENT D'INTERET ECONOMIQUE SESAM-VI	Neg
<i>TRANS EUROPEAN ACCESS TO HEALTH SERVICES FOR MOBILE CITIZENS</i>				

New Work Methods

COSMIC	€571.316	GR	Intracom SA, Hellenic Telecommunications and Electronics Industry	Neg
<i>CONSTRUCTION SITE MOBILE OPERATIONS SUPPORT</i>				

Education and Training

BSOLE	€1.036.503	UK	Cambridge Training and Development Ltd	Neg
<i>BASIC SKILLS ONLINE IN EUROPE</i>				
COMPETENT	€1.030.160	UK	TIHR	Neg
<i>COMPETENCE EVALUATION TRANS EUROPEAN NETWORKS</i>				

Environment and Emergency Management

HEIDI	€220.200	IT	Heidi SpA	Neg
<i>HUGE ENVIRONMENTAL INFORMATION DISTRIBUTION</i>				

City and Regional Information Networks

EU.POLIS	€1.161.590	IT	Citylife	Neg
<i>CONTENTS AND COMMERCE E-SERVICES OF COLLECTIVE INTEREST</i>				
PAPAS	€415.500	ES	SOCIEDAD ANDALUZA PARA EL DESARROLLO DE	Neg
<i>PARTNERSHIP OF PARENTS AND SCHOOLS</i>				
SPES	€1.100.000	IT	COMUNE DI PRATO	Neg
<i>SETTING PROCESSES FOR ELECTRONIC SIGNATURE IN EUROPEAN CITIES</i>				
STAR UBBLICA S.p.A.	€640.741	IT	SERVIZI INFORMATICI E TELEMATICI IN RETE PER L'ADMINISTRAZIONE	
<i>STRATEGIC TERRITORIAL AGENCY REUNIFICATION</i>				

Transport and Mobility

IMEDIA PLAN	€725.996	GR	Intracom S.A.	Neg
<i>INTELLIGENT MEDIATION ENVIRONMENT FOR DIGITAL INTERACTIVE ADVERTISING</i>				
PRETIO	€2.049.255	BE	EUROPEAN ROAD TRANSPORT TELEMATICS IMPL	Neg
<i>MARKET VALIDATION FOR MULTIMEDIA I.T.S SERVICES USING DIGITAL RADIO FOR DATA AND AUDIO SERVICES</i>				
TDS EUROPE	€476.513	DE	EUROPEAN ROAD TRANSPORT TELEMATICS IMPL	Neg
<i>TRAFFIC DIALOG SYSTEM –EUROPEAN CROSS BORDER SERVICES</i>				

Access to Europe's Cultural Heritage

ECMADE	€481.702	SE	Arkitekturmuseet	Neg
<i>EUROPEAN MUSEUM FRO VIRTUAL ARCHITECTURE AND DESIGN EXHIBITIONS</i>				
EVAMP	€436.832	BE	Telepolis	Neg
<i>EUROPEAN VIRTUAL ARCHIVES MARKET VALIDATION PROJECT</i>				
THALIA	€554.062	UK	HD THAMES LTD	
<i>THEATRE HERITAGE, ADVANCING LEARNING, AND INTERNATIONAL ACCESS TO CULTURE</i>				
TOUCH & TURN SWEDEN	€200.000	SE	TOUCH & TURN SWEDEN AB	Neg
<i>MEDIATION OF CULTURAL HERITAGE</i>				

The total contribution is **€15.381.763** for **21** projects from Call **2001/2** committed on budget **2001**

ANNEX V: COMMUNITY FINANCIAL SUPPORT IN 2001 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 €)	Community financial support as percentage of the eligible cost (in %)	Maximum amount of the Community financial support (in €)
	STUDIES			
E150/02	c07 Portugal REN Strengthening electricity connections necessary for interconnections with Spain in the North and the Center of the country: Feasibility, technical and environmental study.	695,260	50	347,630
E153/02	b07 Spain, France REE, RTE New Spain - France electrical interconnections: Feasibility and environmental studies.	1,871,200	50	935,600
E154/02	d14 Finland Fingrid Oyj Kola Power Bridge between Northern Finland and Russia : Feasibility Study.	250,000	50	125,000
E155/02	b15 The Netherlands NV NUON Netherlands - United Kingdom Interconnector for Electricity: Engineering, Environmental and Financial Feasibility Study (phase 2)	1,600,000	50	800,000
E157/02	d08 Greece HTSO New 400 kV interconnection lines between FYROM - SERBIA and ALBANIA – MONTENEGRO: Feasibility, technical and economic study.	580,000	50	290,000

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 €)	Community financial support as percentage of the eligible cost (in %)	Maximum amount of the Community financial support (in €)
E158/02	b12 Italy, Austria GRTN, TIRAG Studies for a new 380 kV transmission line between Italy and Austria, through the Brenner pass; Integration of Electricity and Rail Transport in tunnel: Preparatory study; Feasibility study (including economic and preliminary environmental analyses); Technical study and Environmental study.	1,928,650	50	964,325
G76/02	g04 Italy EDISON SpA Design study for a new LNG re-gasification terminal in Tuscany (Italy)	3,500,000	40	1,400,000
G78/02	g07 France Gaz de France Development of underground gas storage capacities for natural gas in the region "Centre" (Project "SOLOGNE OUEST"): Exploration studies for the qualification of an aquifer storage (Phase 1 and 2).	4,338,000	50	2,169,000
G79/02	g07 France Gaz de France Development of underground storage capacities for natural gas in the region of "HAUTERIVES" (Rhône Valley, France): Exploration studies for the qualification of salt caverns, including drilling activities.	2,900,000	50	1,450,000
G80/02	g07 France TOTALFINAELF Underground gas storage at Lussagnet: extending existing site.	3,000,000	50	1,500,000
G81/02	f14 Austria OMV Erdgas GmbH Construction of gas pipelines to connect the networks of Austria and the Czech Republic: Comprehensive feasibility study including market analysis, technical study and economic study.	521,700	50	260,800

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 €)	Community financial support as percentage of the eligible cost (in %)	Maximum amount of the Community financial support (in €)
G82/02	h10 Greece DEPA Gas Interconnector Turkey - Greece: Technical and environmental studies.	9,580,000	50	4,790,000
TOTAL		30,764,810		15,032,355

ANNEX VI : TEN-TELECOM PROJECTS FINANCED IN 2001 FOLLOWING THE 2001 CALL FOR PROPOSALS

Call 2001/1 (O.J. C211, 28/07/2001)

Generic Services

COBRA €1.620.000 IT **Universita di Pisa** Neg
CONNECTING LOCAL/REGIONAL COMMUNITIES FOR BROADBAND SERVICE ACCESS

DAMS €497.900 IT **SOL-TEC Soluzioni tecnologiche S.r.l.** Neg
DIGITAL ARCHIVES AND MEMORY STORAGE

Applications for SME

HERMES2 €1.750.000 SE **Posten Sverige** Neg
HYBRID EUROPEAN REMOTE MAIL EXCHANGE SERVICE

Health

3 €1.117.771 BE **Telepolis** Neg
COMPREHENSIVE CONTINUOUS CARE

EURODONOR €1.595.460 IT **Centro Nazionale Trapianti** Neg
EUROPEAN DONORS AND ORGANS REGISTRY

E-VITAL €1.069.693 GR **INA** Neg
COST-EFFECTIVE HEALTH SERVICES FOR INTERACTIVE CONTINUOUS MONITORING OF VITAL SIGNS PARAMETERS

New Work Method

MACRO €899.997 IT **Gruppo Formula S.P.A.** Neg
MOBILITY ASSISTANCE FOR CUSTOMER RELATIONS BASED ORGANISATIONS

W-ASP €796.826 IT **Gruppo Formula S.P.A.** Neg
TELEWORK APPLICATION SERVICE PROVIDER

Education and Training

EPICS €235.970 DE **Council of European Professional Infomatic Societies** Neg
EUROPEAN PROFESSIONAL INFORMATICS COMPETENCE SERVICE

E-PROLEARN €949.998 IT **Millenium S.r.l.** Neg
E-LEARNING FOR PROFESSIONAL DEVELOPMENT

ORPHEUS €699.740 IT **ALINARI** Neg
ON-LINE ALINARI PHOTOGRAPHIC ARCHIVE FOR EUROPEAN EDUCATIONAL SYSTEM

TEN-A €1.099.988 AU **BIT** Neg
TRANS-EUROPEAN NET ACADEMY

Environment and Emergency Management

MUSHROOM €1.248.024 IT **Datamat SpA** Neg
MULTIPLE USERS SERVICE FOR HYDROGEOLOGICAL RISKS OPEN & OPERATIONAL MANAGEMENT

City and Regional Information Networks

EPRIDE €596.875 ES **Fundacion para el desarrollo de la Ciencia y Tecnologia** Neg

ELECTRONIC PLATFORM FOR REGIONAL INFORMATION DISSEMINATION IN EUROPE

SPORT4ALL €1.000.000 GR **Pouliadis Associates Corp. SA.** Neg

PROVISION OF TELEMATIC SERVICES TO THE DISABLED FOR THE DIFFUSION OF INFORMATION ON ATHLETIC EVENTS

The total contribution is **€15.178.242** for **16** projects from Call **2001/1** committed on budget **2001**

Call 2001/2 (O.J. C309/7, 06/11/2001)

Applications for SMEs

MED-TUR €659.000 IT Logital SpA Neg

A DESTINATION MANAGEMENT AND MARKETING SYSTEM FOR MEDITERRANEAN TOURISM

RE-PUBLIC €992.000 IT GALGANO INTERNATIONAL ONP Neg

RELIABLE E-PUBLIC PROCUREMENT SYSTEM

NETULIS €885.413 ES GALGANO INTERNATIONAL ONP Neg

PURCHASE OPTIMISATION PLATFORM FOR HEALTH CARE PROVIDERS

Health

E-OPENDAY €1.303.000 UK Brompton & Harefield NHS Neg

OPEN VIRTUAL ENVIROMENT FOR RESEARCH , BUSINESS AND PUBLIC RESOURCES

EURAD €191.980 DE Curagita AG Neg

EUROPEAN WIDE TELERADIOLOGY SERVICE NETWORK

NETC@RDS €250.000 FR GROUPEMENT D'INTERET ECONOMIQUE SESAM-VI Neg

TRANS EUROPEAN ACCESS TO HEALTH SERVICES FOR MOBILE CITIZENS

New Work Methods

COSMIC €571.316 GR Intracom SA, Hellenic Telecommunications and Electronics Industry Neg

CONSTRUCTION SITE MOBILE OPERATIONS SUPPORT

Education and Training

BSOLE €1.036.503 UK Cambridge Training and Development Ltd Neg

BASIC SKILLS ONLINE IN EUROPE

COMPETENT €1.030.160 UK TIHR Neg

COMPETENCE EVALUATION TRANS EUROPEAN NETWORKS

Environment and Emergency Management

HEIDI €220.200 IT Heidi SpA Neg

HUGE ENVIRONMENTAL INFORMATION DISTRIBUTION

City and Regional Information Networks

EU.POLIS €1.161.590 IT Citylife Neg

CONTENTS AND COMMERCE E-SERVICES OF COLLECTIVE INTEREST

PAPAS €415.500 ES SOCIEDAD ANDALUZA PARA EL DESARROLLO DE Neg

PARTNERSHIP OF PARENTS AND SCHOOLS

SPES €1.100.000 IT COMUNE DI PRATO Neg

SETTING PROCESSES FOR ELECTRONIC SIGNATURE IN EUROPEAN CITIES

STAR €640.741 IT SERVIZI INFORMATICI E TELEMATICI IN RETE PER L'ADMINISTRAZIONE Neg

STRATEGIC TERRITORIAL AGENCY REUNIFICATION

Transport and Mobility

IMEDIA PLAN €725.996 GR Intracom S.A. Neg

INTELLIGENT MEDIATION ENVIRONMENT FOR DIGITAL INTERACTIVE ADVERTISING

PRETIO €2.049.255 BE EUROPEAN ROAD TRANSPORT TELEMATIC IMPL Neg

MARKET VALIDATION FOR MULTIMEDIA I.T.S SERVICES USING DIGITAL RADIO FOR DATA AND AUDIO SERVICES

TDS EUROPE	€476.513	DE	EUROPEAN ROAD TRANSPORT TELEMATICS IMPL	Neg
<i>TRAFFIC DIALOG SYSTEM –EUROPEAN CROSS BORDER SERVICES</i>				
<u>Access to Europe’s Cultural Heritage</u>				
ECMADE	€481.702	SE	Arkitekturmuseet	Neg
<i>EUROPEAN MUSEUM FRO VIRTUAL ARCHITECTURE AND DESIGN EXHIBITIONS</i>				
EVAMP	€436.832	BE	Telepolis	Neg
<i>EUROPEAN VIRTUAL ARCHIVES MARKET VALIDATION PROJECT</i>				
THALIA	€554.062	UK	HD THAMES LTD	
<i>THEATRE HERITAGE, ADVANCING LEARNING, AND INTERNATIONAL ACCESS TO CULTURE</i>				
TOUCH & TURN SWEDEN	€200.000	SE	TOUCH & TURN SWEDEN AB	Neg
<i>MEDIATION OF CULTURAL HERITAGE</i>				

The total contribution is **€15.381.763** for **21** projects from Call **2001/2** committed on budget **2001**

**ANNEX VII : TEN-T PROJECTS/STUDIES FINANCED IN 2001 UNDER REGULATION
2236/95**

Form: DG=Direct Grant; FS= Feasibility Study; IR= Interest Rate Subsidy

Category: SP = Specific Project; TM = Traffic Management;

ProjectType: S=Study; P= Project;

Modes: AP=Airport; AT= Air Traffic Management; C= Combined Transport; I = Inland Waterway; M=

Motorway; MM=Multimodal; MT=Road Traffic Management; P= Port; R= Conventional Rail; HS= High

Speed Rail; RT- Rail Traffic Management; VT= Vessel Traffic Management;

Form	Cat	Title	Project Type	Mode	Support (M€)
DG	SP	Kufstein- Innsbruck: construction of third and fourth track	P	HSR	3.5000
FS	TM	Errichtung eines Verkehrsmanagementsystems auf der Binnenwasserstraße Donau auf Basis von telematikgestützten Verkehrsinformationssystemen	S	I	1.5000
FS	Other	Vollausbau der A 10 Tauern-Autobahn: Tauern- und Katschbergtunnel	S	M	2.0000
DG	Other	Donauachse, Teilvorhaben Verbindung Westbahn-Südbahn	P	R	3.5000
DG	Other	Schienerverbindung Donauachse: Ausbau des Knotens Wagram	P	R	1.0000
FS	TM	Vorbereitungsarbeiten für das Genehmigungsverfahren eines „European Train Control System“ (ETCS, Level 1) für die Verbindung Wien – Budapest (österreichischer Abschnitt)	S	RT	0.6000
DG	Other	Extension et modernisation de l'aéroport de Liège - Bierset	P	AP	2.7300
IR	SP	PBKAL :F/B border-Brussels-Liege-B/D border; Brussels-B/NL border	P	HSR	15.0000
DG	Other	Albert Channel Upgrading and SCHELDE locks modernization	P	I	1.0000
FS	Other	"Internationaler Flughafen Berlin-Brandenburg, Planungsleistungen für Verkehrsanbindung (Schiene und Straße)"	S	AP	2.0000
DG	TM	"COMOS - Common Mode Sals Teil des gemeinsamen Projektes von DFS, LVNL und Swisscontrol"	P	AT	1.8300
DG	SP	Hochgeschwindigkeitsverbindung/kombinierter Verkehr Nord – Süd: Knoten Berlin, Lehrter Bahnhof (Los 1, Gebäudeausbau, technische Ausrüstung) und Bahnhof Papestraße (Los 5)	P	HSR	3.5000
DG	SP	Hochgeschwindigkeitsverbindung/kombinierter Verkehr Nord – Süd: Knoten Berlin, Ausbau des Abschnittes Südkreuz - Ludwigsfelde (Anhalter Bahn)	P	HSR	1.5000
DG	SP	Hochgeschwindigkeitsverbindung/kombinierter Verkehr Nord – Süd: Strecke Nürnberg - München: Ausbau des Abschnittes Ingolstadt – München für Hochgeschwindigkeitsverkehr.	P	HSR	6.5000

Form	Cat	Title	Project Type	Mode	Support (M€)
DG	SP	Hochgeschwindigkeitsverbindung/kombinierter Verkehr Nord – Süd: Strecke Nürnberg - München: Neubau des Abschnittes Nürnberg - Ingolstadt für Hochgeschwindigkeitsverkehr - GU-Abschnitt km 13,4 - 84,8.	P	HSR	13.5000
DG	SP	Neubauverbindung für Hochgeschwindigkeitsverkehr Köln - Frankfurt/Main: Abschnitt Eddersheim/Mainbrücke - Abzweig Mönchhof; Anschluß Wiesbaden Hauptbahnhof; diverse Ergänzungsmaßnahmen in Bauabschnitten Nord, Los A und Los B	P	HSR	11.0000
DG	SP	Verbindung Paris – Ostfrankreich – Südwestdeutschland, Ausbau des Abschnittes Ludwigshafen – Saarbrücken – deutsch-französische Grenze für Hochgeschwindigkeitsverkehr („POS Nord“)	P/S	HSR	5.0000
DG	Other	Ausbau des Abschnittes Augsburg – Mehring für Hochgeschwindigkeitsverkehr	P/S	HSR	3.5000
FS	Other	Studien für den Neubau der Hochgeschwindigkeitsverbindung Stuttgart - Ulm	S	HSR	2.5000
DG	Other	Ausbau des Dortmund-Ems-Kanals (Südstrecke) - Los 16	P	I	2.0000
DG	Other	Wasserstrassenkreuz Magdeburg: Bau einer Kanalbrücke über die Elbe	P	I	3.0000
DG	Other	"Ausbau der Wasserstraßenverbindung Magdeburg – Berlin:"Ausbau des Rothenseer Verbindungskanals"	P	I	1.3100
DG	Other	Bau einer festen Warnowquerung (Unterwassertunnel) / Anbindung Hafeneinrichtungen an transeuropäisches Strassennetz	P	M	1.3750
DG	Other	Bundesautobahn A 31: Neubauabschnitt in Nordrhein-Westfalen (Wietmarschen - Hubertushof)	P	M	6.0000
DG	Other	Bundesautobahn A 6: Ausbauabschnitte in Bayern (Kaltenbaum - Lohma)	P	M	5.0000
FS	Other	Interessenbekundungsverfahren feste Fehmarnbeltquerung (IBV FBQ) (enquiry of commercial interest)	S	MM	1.2500
DG	Other	Anbindung des Hafens Lübeck (Nordtangente Lübeck)	P	P	1.2000
DG	Other	Planungen für den Ausbau der Schienenverbindung München - Mühldorf - Freilassing	P	R	1.0000
DG	Other	Ausbau der Schienenverbindung Berlin – Frankfurt (Oder) als Teil des gesamteuropäischen Verkehrskorridors Nr. II	P	R	1.0000
DG	Other	Multimodaler Ausbau des Korridors Hamburg - Öresundregion: Studien für Schienenanbindungen Hamburg - Flensburg / Hamburg - Lübeck - Puttgarden	P/S	R	2.0000
FS	Other	"Environmental Impact Assessment (EIA) on extension of: motorway E20/E47/E55 (Køge Bugt Motorveje); motorway E47/E55 (Motorringvejen); motorway E47 (Ønslev-Sakskøbing)."	S	M	1.0000
FS	Other	Fixed Link Across the Fehmarn Belt - Enquiry of Commercial Interest	S	MM	1.2500

Form	Cat	Title	Project Type	Mode	Support (M€)
DG	Other	New Freeport entrance Copenhagen	P	P	1.0000
FS	Other	Relocation of railway tracks between Aarhus Main Station and the East-harbour container terminal	S	R	0.8000
FS	Other	Fehmarn Belt Fixed Link -Railway Part DK-Works	S	R	1.9000
FS	Other	Plataforma Logistica Salvatierra-As Neves	S	C	1.0000
FS	SP	Studies for HST line Zaragoza-Barcelona	S	HSR	1.0000
FS	SP	HST Madrid - Valladolid (Medina del Campo) (several studies)	S	HSR	9.5000
FS	SP	HST Madrid - Vitoria y nueva del pais Vasco	S	HSR	0.6000
FS	Other	Estudios de la conexión ferroviaria de alta velocidad España-Portugal. Tramo Madrid-Cáceres	S	HSR	1.0000
FS	Other	LAV-Madrid-Castilla-La Mancha Comunidad Valenciana-Murcia (several studies)	S	HSR	3.0000
FS	Other	Autovía Chiclana-Vejer y acondicionamiento Vejer-Algeciras. N-340 de Cádiz a Barcelona por Málaga	S	M	1.0000
FS	SP	Fuentes de Oñoro -Valladolid -Tuy-Ferrol	S	MM	0.3000
DG	Other	Mejora de la infraestructura de acceso y logística del puerto de Valencia para la promoción del tráfico multimodal.	P	P	2.5000
FS	Other	Estudios del trayecto ferroviario Zaragoza-Pamplona	S	R	1.2000
FS	Other	Eliminacion de cuellos de Bottela-Ferrocarril - Servicios de Mercancias (Studies)	S	R	1.5000
FS	Other	Nuevo acceso Ferroviario a Asturias	S	R	1.0000
DG	TM	Development of a Pre-Operational European Mode S System - POEMS (Phase 2)	P	AT	0.8400
FS	TM	Study of Advanced Airport Approach Procedures	S	AT	2.5000
FS	TM	CNS/ATM Integrated Programme "Mediterranean Free Flight" (MFF)	S	AT	2.5000
FS	TM	NUP Phase II	S	AT	2.5000
FS	TM	Eurocontrol ADS Programme Stages 1 and 2	S	AT	0.8000
FS	TM	TransEuropean Satellite Navigation System (GALILEO): Development and Validation Phase/First series of studies and technical support measures	S	GT	70.0000
FS	TM	TransEuropean Satellite Navigation System (GALILEO)Detailed definition phase/preparation to launch development phase	S	GT	30.0000
FS	TM	Egnos AOC Pre-Operational Implementation Critical Design Studies	S	GT	10.0000
DG	SP	HST Madrid-Barcelona Perpignan Montpellier: Studies and works for International section (F and E)	P/S	HSR	1.0000
FS	SP	Brenner Basistunnel: Studien zur technischen und rechtlichen Projektaufbereitung; Finanzierungs- und Wirtschaftlichkeitsstudien	S	HSR	3.0000
FS	Other	Estudo Prévio de viabilidade técnico e económico da ligação ferroviária em alta velocidade Madrid – Lisboa / Porto	S	HSR	1.2500

Form	Cat	Title	Project Type	Mode	Support (M€)
DG	TM	STREETWISE--Euro-regional deployment plan for Intelligent Transport Systems between the United Kingdom and the Republic of Ireland	P	MT	0.9000
DG	TM	ARTS E/P/F Euro-regional deployment plan for Intelligent Transport Systems between France, Portugal and Spain	P	MT	2.2750
DG	TM	CENTRICO NL/B/ D/LU/ F/UK Euro-regional deployment plan for Intelligent Transport Systems between Belgium, Germany, France, Luxembourg, The Netherlands and the United Kingdom	P	MT	3.2130
DG	TM	CORVETTE IT/AT/DE Euro-regional deployment plan for Intelligent Transport Systems between Germany, Austria, Italy and Switzerland	P	MT	1.6120
DG	TM	SERTI FR/DE/IT/ES Euro-regional deployment plan for road Intelligent Transport Systems between France, Italy, Spain, Germany, Switzerland and Andorra.	p	MT	1.3480
DG	TM	VIKING SE/FI/DK/DE Euro-regional deployment plan for Intelligent Transport Systems between Denmark, Germany, Sweden, Finland and Norway	p	MT	1.5790
FS	TM	STREETWISE--Euro-regional deployment plan for Intelligent Transport Systems between the United Kingdom and the Republic of Ireland	S	MT	0.9000
FS	TM	ARTS E/P/F Euro-regional deployment plan for Intelligent Transport Systems between France, Portugal and Spain	S	MT	1.2250
FS	TM	CENTRICO NL/B/ D/LU/ F/UK Euro-regional deployment plan for Intelligent Transport Systems between Belgium, Germany, France, Luxembourg, The Netherlands and the United Kingdom	S	MT	3.7870
FS	TM	CORVETTE IT/AT/DE Euro-regional deployment plan for Intelligent Transport Systems between Germany, Austria, Italy and Switzerland	S	MT	2.3880
FS	TM	SERTI FR/DE/IT/ES Euro-regional deployment plan for road Intelligent Transport Systems between France, Italy, Spain, Germany, Switzerland and Andorra.	S	MT	2.1450
FS	TM	VIKING SE/FI/DK/DE Euro-regional deployment plan for Intelligent Transport Systems between Denmark, Germany, Sweden, Finland and Norway	S	MT	3.9210
FS	ERTMS	ERTMS (European Rail Traffic Management System) Feasibility Study for harmonisation at the European level of safety and rail traffic management	S	RT	25.0000
DG	Other	The construction of parallel runway at the Helsinki-Vantaa Airport	P	AP	2.5000
DG	SP	E 18 Motorway (Helsinki Ring III, Airport (junction) - Tikkurila)	P	M	0.7000
DG	SP	Finland: E18 Motorway (Paimio-Muurla and Helsinki Ring III)	P	M	3.8500
DG	Other	Removal of bottlenecks on the railway network in Finland	P	R	1.0000
DG	SP	Finland Railway upgrading on the Northern Triangle	P	R	1.5000
DG	Other	Construction and improvement of TEN-T railways (Helsinki?Tampere)	P	R	3.5000
DG	SP	TGV Est Européen: Construction Phase I (Vaires - Baudrecourt)	P	HSR	38.8000
DG	SP	TGV Est Européen, section Vaires – Baudrecourt (partie sous maîtrise d'ouvrage SNCF)	P	HSR	1.2000

Form	Cat	Title	Project Type	Mode	Support (M€)
FS	SP	HST Madrid-Barcelona Perpignan Montpellier: Studies and Implementation for Perpignan Montpellier	S	HSR	3.0000
FS	SP	Studies Mt. CENIS base tunnel (France)	S	HSR	5.0000
FS	Other	1ère Partie des études d'avant-projet sommaire du TGV Aquitaine sur la section Angoulême Nord- Bordeaux.	S	HSR	4.3500
DG	Other	Travaux de mise en sécurité du tunnel du Fréjus	P	M	0.5000
DG	Other	Aménagement de la RN 20 entre Pamiers et la frontière espagnole	P	M	2.8000
DG	Other	Désaturation du complexe ferroviaire au nord de Bordeaux	P/S	R	1.0000
FS	Other	Amélioration de la desserte du port du Havre concourant au développement du transport européen de fret ferroviaire	S	R	2.2100
FS	Other	Désaturation du noeud parisien concourant au développement du transport européen de fret ferroviaire	S	R	1.6000
FS	Other	Amélioration de la capacité de la ligne Dijon-Modane concourant au développement du transport européen de fret ferroviaire	S	R	0.9000
FS	Other	Study on Northern road axis in Crete	S	M	0.4285
FS	SP	EGNATIA MOTORWAY: Completion of Technical Studies	S	M	12.5000
FS	Other	EGNATIA MOTORWAY:Technical Studies for the completion of vertical axes	S	M	1.4500
FS	Other	EXPANSION-MODERNIZATION-IMPROVEMENT OF THE INFRASTRUCTURE OF THE PORTS OF PIRAEUS AND THESSALONIKI	S	P	1.2000
FS	Other	Suburban Rail of ATTICA Development Studies: Completion of the studies of the corridor Pireaus - Intermodal Change of Aharnes (SKA)	S	R	1.6250
FS	Other	WEST-EAST RAIL AXIS: Improvement of vertical links to third countries, nodes, and links to industrial areas	S	R	0.5000
DG	SP	UK-RL-Benelux road corridor: Ireland element	P/S	M	8.0000
DG	Other	High Speed Track Bologna-Florence	P	HSR	15.0000
DG	SP	Sistemazione del nodo di Mestre	P/S	HSR	1.0000
FS	SP	Studies Mt. CENIS base tunnel (Italy)	S	HSR	5.0000
DG	Other	Completion of the improvement route to the national road between Teramo and Giulianova. 3rd lot. Section Villa Zaccheo – Mosciano Stazione	P	M	3.5000
DG	Other	Motorway of the GRA (Rome Ring). Adaptation to three lanes for every direction – North-West Quadrant (for the completion of the ring) - lot 5	P	M	4.5000
DG	Other	Travaux de mise en sécurité du tunnel du Fréjus	P	M	0.5000
FS	Other	Traforo Autostradale del G. S. Bernardo – Miglioramento dei livelli di sicurezza e realizzazione di un tunnel di servizio e sicurezza - Progettazione preliminare, definitiva ed esecutiva	S	M	0.9000

Form	Cat	Title	Project Type	Mode	Support (M€)
DG	Other	Porto di Ancona - riempimento della fascia costiera retrostante l'ex porto turistico e collegamento multimodale dei piazzali della nuova darsena	P	P	1.0000
DG	Other	Potenziamento e ristrutturazione del parco della rete ferroviaria nella zona di Marghera compresa elettrificazione del fascio arrivi e partenze	P	P	1.0000
DG	Other	Potenziamento infrastrutturale tratte della linea Bologna-Padova	P	R	2.0000
DG	Other	PROGETTO DI RACCORDO FERROVIARIO AL PORTO FLUVIALE DI MANTOVA-VALDARO per la creazione di un nodo intermodale connesso al Sistema idroviario padano-veneto	P	R	1.0000
DG	Other	Potenziamento infrastrutturale del nodo di Firenze	p	R	3.0000
DG	Other	Potenziamento infrastrutturale e tecnologico del nodo di Milano	P	R	0.2500
DG	Other	High Speed Urban junction of Rome	P	R	3.0000
DG	Other	Gare de Lux - augm.de capacité	P	R	0.4960
FS	Other	Installation d'un système de contrôle de vitesse sur l'infrastructure ferroviaire luxembourgeoise	S	R	0.7800
DG	SP	Bored tunnel HSL-Zuid	P	HSR	8.0000
DG	SP	Contract Zuid-Holland Zuid; realisation of the Civil Infrastructure for the High Speed Railway between Heerjansdam and Lage Zwaluwe	P	HSR	10.0000
DG	SP	PBKAL :Dutch section (~100 km) Nederlands deel van het PBKAL-project: aanleg van de kruising van de hogesnelheidsspoorlijn en de A4-autoweg	P	HSR	2.0000
DG	Other	HSL Dutch Randstad-Rhine/M Section Amsterdam-Utrecht (UTRECHTBOOG)	p	HSR	1.0000
FS	Other	Study and design (Engineering) of objects in the Juliana canal- upgrading Maasroute	S	I	1.0000
DG	SP	BETUWELINE (rail/combined transport); incl. Port railway line and A15 line; Botlek rail tunnel	P	R	4.0000
DG	SP	Substructure A15 line	P	R	16.0000
DG	Other	High-speed line Dutch Randstad - Rhine-Ruhr, Tracksection Utrecht-Arnhem-German border	P	R	2.0000
DG	Other	PLANO DE CONTINGÊNCIA DO AEROPORTO DE LISBOA	P	AP	2.0000
DG	Other	Land Expropriations for scut concessions on cross border road links	P	M	5.0000
FS	Other	New Rail Tejo Bridge (Lisbon)	S	R	3.5000
DG	Other	Construction of new connection between underground Railway station and Stockholm-Arlanda Airport	P	AP	1.0000
FS	SP	Sweden: 2 upgrading sections on E 6 motorway	S	M	2.0000
DG	SP	Sweden: South Main / West Main Railway Line	P/S	R	2.0000
FS	SP	Sweden: Malmoe Citytunnel Railway	S	R	2.0000
FS	Other	Realisation of railway studies and railway plans a number of sub-sections for the construction of a new railway between Umeå and Nyland (the Botnia Line).	S	R	6.5000
DG	Other	Manchester Airport Ground Transport Interchange, Phase 3	P	AP	1.0000

Form	Cat	Title	Project Type	Mode	Support (M€)
FS	Other	Feasibility study for Stansted Airport – improved rail links	S	AP	1.0000
FS	Other	Feasibility study for TransPennine and North Wales - improved links to Manchester airport	S	AP	1.5000
DG	SP	CTRL Studies and Works Sections 1 and 2	P	HSR	10.0000
FS	SP	Channel Tunnel Rail Link (CTRL) – Section 2 Ebbsfleet to St Pancras.	S	HSR	5.0000
DG	SP	UK-RL-Benelux road corridor: A120 Stansted to Braintree upgrading	P	M	5.0000
FS	Other	Feasibility study for Kings Cross airport/high speed trains interchange station and for Heathrow airport - new rail links. Capacity enhancement works.	S	R	1.0000
FS	Other	Felixstowe to Nuneaton gauge enhancement and capacity upgrade for Rail Freight – Feasibility Study	S	R	1.0000
FS	Other	Feasibility study for Cross London Routes: Gauge enhancement and capacity upgrade for Rail Freight	S	R	1.0000
FS	Other	TransPennine Upgrade (TPU), Further Gauge Enhancement of Freight Route as part of major corridor upgrade - feasibility study	S	R	3.5000
Total number of actions decided in		2001	=	137	552.0675
Carried over from previous year					
DG	Other	Construction du pont canal du Sart à Houdeng-Aimeries, porte de garde du blanc-Aoin, pont-cadre du Pavé du Roeulx et traversée de Bracquengnies	P	I	1.0000
DG	Other	Port-2000 au Havre-1er. Tranche de travaux de la 1er phase.	P	P	2.5000
DG	Other	Porto di Venezia - Isola portuale di Marghera	P	P	0.5000
FS	TM	EGNOS AOC Pre-operational implementation (European Space Agency)	S	GT	6.0000
DG	SP	West Coast Main Line	P	HSR	1.0000
Total number of actions carried over		2000	=	5	11.0000
Total:		142			563.0675

ANNEX VIII : COHESION FUND – THE FINANCING OF THE TEN–TRANSPORT –**Cohesion Fund - The financing of the TEN-Transport
Detailed Commitments in 2001 (euros)**

Project/Stage		
Greece		
Road	Via EGNATIA - Igoumenitsa-Selles interchange	24.023.218
	Via EGNATIA - section Dodoni Tunnel	3.651.817
	Via EGNATIA - section Metsovo interchange-Panagia	6.586.212
	Via EGNATIA - section Nymfopetra-Rentina-Asprovalta	24.709.462
	PATHE - section Skotina-Lithoro, section Lithoro-Dion, section Dion-Katerini	17.905.500
	PATHE - section Raches to Agroinvest inst. (km 240 to km 244)	3.520.000
	Route Korinthe-Tripolis-Megalopolis-Kalamata	32.070.941
	Deviation Arta-Filippiada	21.336.120
	Deviation Agrinio	13.829.985
Rail	Construction of a new Railway for Limena Ikoniou	31.823.091
	Construction of a double track railway line at the section Evagelismos-Leptokarya (phase B)	21.000.000
	Construction of installation complex at Thriassio	6.955.338
	Construction of the railway line Thriassio-Elefsina-Korinthos, phase B	6.850.000
Total		214.261.684
Spain		
Road	Autovía de Levante a Francia por Aragón. Tramo Santa Eulalia del Campo-Monreal del Campo	23.650.479
	Autovía Lleida-Barcelona. Tramo: Cervera-Santa Maria del Cami	30.270.003
	Autopista Ronda Sur, Cuarto cinturón de Zaragoza, Tramo: Carretera N-II (Madrid) a la N-232 (Vinaros)	37.630.054
Rail	Línea de Alta Velocidad Madrid-Barcelona-frontera francesa. Tramo Lleida-Tarragona	210.001.778
	Línea de Alta Velocidad Madrid-Barcelona-frontera francesa. Tramo Lleida-Martorell	68.922.020
	Línea de Alta Velocidad Madrid-Barcelona-Frontere Fr. Tramo : Madrid-Chiloeches	130.593.831
	Línea ferroviaria de Alta Velocidad Madrid-Barcelona-Frontera francesa. Tramo Madrid-Lleida	68.435.436
	Línea de Alta Velocidad Madrid-Barcelona-frontera francesa.Subtramos IX-A entre Lleida y Martorell (El Vendrell y Bellvei)(Plataforma)	28.372.864
	Línea de Alta Velocidad Madrid-Barcelona-frontera francesa.Subtramos IX-B entre Lleida y Martorell Bellvei y Castellet I la Gornal))(Plataforma)	24.144.216
	Línea de Alta Velocidad Madrid-Barcelona-frontera francesa.Subtramo X-A entre Lleida y Martorell (Olerdola Y Avinyonet del Penedes)(Plataforma)	25.879.372
	Línea de Alta Velocidad Madrid-Barcelona-frontera francesa.Subtramos X-B entre Lleida y Martorell (Avinyonet del Penedes y Sant Sadurnmi d'Anoia)(Plataforma)	26.021.560
	Línea de Alta Velocidad Madrid-Barcelona-frontera francesa.Subtramos XI-A y XI-B entre Lleida y Martorell (Sant Sadurnmi d'Anoia y Geliada)(Plataforma)	38.766.460
	Línea de Alta Velocidad Madrid-Barcelona-frontera francesa.Subtramos XI-C entre Lleida y Martorell(L'Arboç-Olerdola)(Plataforma)	30.592.384
Port	Plan Director del Puerto de Barcelona	67.051.572
Total		810.332.029
Ireland		
Road	M50 South Eastern Motorway (Stage 2)	37.878.919
	M1 Cloghren/Lissenhall (Stage 2)	19.406.763
	M1 Lissenhall/ Balbriggan	17.980.252
Total		75.265.934
Portugal		
Rail	Ligne Nord V-Entroncament/Albergaria	21.955.823
	Ligne Nord VI-Quintas/Ovar	17.960.082
	Modernisation ligne ferroviaire d'Algarve I et II	41.760.824
	Modernisation ligne ferroviaire d'Algarve III-Coina/Pinhal Novo III	14.503.951
	Modernisation ligne ferroviaire d'Algarve IV	6.107.982
	Modernisation ligne ferroviaire d'Algarve V	36.625.081
	Méto de Lisbonne	25.629.200
	Méto de Lisbonne-S.Sebastião/Alameda	37.584.823
Port	Port Aveiro - Accès routier et ferroviaire	15.652.277
Total		217.780.043

**ANNEX IX : TEN-T MULTIANNUAL INDICATIVE PROGRAMME - FRAMEWORK
DECISION**

Priority Project/ Group	Number	Title of part or stage / project	Member State	SUPPORT (Million EUR)				Total Support
				2001	2002	2003	2004-06	
PP	101	<i>Schienenknoten Berlin - Massnahmen im Lehrter Bahnhof und Bahnhof Papestrasse; Ausbau der Abschnitte Südkreuz - Ludwigshafen and Südkreuz - Blankenfelde</i>	DE	5,00	13,00	21,00	55,00	94,00
PP	102	<i>Hochgeschwindigkeitsverbindung Nürnberg - München: Neubau des Abschnittes Nürnberg - Ingolstadt; Ausbau des Abschnittes Ingolstadt München</i>	DE	20,00	28,00	17,50	20,00	85,50
PP	103	Neubau (einschließlich Vorbereitungsarbeiten) der zweigleisigen Verbindung für Hochgeschwindigkeitsverkehr Kundl/Radfeld – Baumkirchen	AT	5,00	5,50	7,00	16,00	33,50
PP	104	Brenner Basistunnel: Studien zur technischen und rechtlichen Projektaufbereitung; Finanzierungs- und Wirtschaftlichkeitsstudien	A/IT	3,00	0,00	16,00	26,00	45,00
PP	201	<i>PBKAL/Dutch part: A4 motorway crossing; bored tunnel Leiderdorp - Westeinde; infrastructure works Heerjansdam - Lage Zwaluwe</i>	NL	20,00	10,00	10,00	45,00	85,00
PP	202	<i>PBKAL/UK part: construction of section 1, studies and construction of phase 2</i>	UK	15,00	10,00	10,00	65,00	100,00
PP	203	<i>PBKAL/German part: upgrading of Düren - Aachen -German-Belgian border section; infrastructure works for new Köln-Frankfurt line</i>	DE	11,00	14,50	6,00	5,00	36,50
PP	204	<i>PBKAL/Belgian part: French-Belgian border - Liège -Brussels - Belgian-German border section; Brussels - Belgian-Dutch border section</i>	BE	15,00	15,00	10,00	30,00	70,00
PP	301	Réalisation d'études concernant la ligne à grande vitesse Madrid - Saragosse - Barcelone - frontière française	ES	1,00	4,00	6,00	5,00	16,00
PP	302	Études concernant la ligne à grande vitesse Madrid - Valladolid / Medina del Campo. Tronçons: Madrid - Ségovie et Ségovie - Valladolid / Medina del Campo	ES	9,50	3,50	1,00	3,00	17,00
PP	303	Études concernant la liaison Espagne-France par la façade atlantique. Tronçons Valladolid-Vitoria	ES	0,60	4,60	6,70	10,00	21,90

		et nouveau réseau ferroviaire au Pays basque						
PP	304	<i>Etudes et réalisation de la section Nîmes - Montpellier – Perpignan</i>	FR	3,00	0,00	6,00	9,50	18,50
PP	306	Études et construction de la section internationale entre Figueras et Perpignan de la liaison à grande vitesse Madrid-Barcelone-Perpignan-Montpellier. (requête conjointe des deux gouvernements)	E S/F	1,00	10,00	15,00	38,50	64,50
PP	401	<i>TGV Est Européen: Construction Phase I (Vaires - Baudrecourt)</i>	FR	40,00	31,00	49,00	31,00	151,00
PP	402	<i>Verbindung Paris – Ostfrankreich – Südwestdeutschland, Ausbau des Abschnittes Ludwigshafen – Saarbrücken – deutsch-französische Grenze für Hochgeschwindigkeitsverkehr</i>	DE	5,00	5,50	3,00	3,50	17,00
PP	501	<i>BETUWELINE: Botlek tunnel, Sophia tunnel, superstructure A 15 line, substructure A 15 line</i>	NL	20,00	10,00	12,00	38,00	80,00
PP	602	Aménagement de la ligne Lyon-Modane	FR	0,00	1,00	2,00	10,40	13,40
PP	603	Nouvelle liaison ferroviaire transalpine Lyon-Turin – section internationale (F)	FR	5,00	5,00	19,00	21,00	50,00
PP	604	Nouvelle liaison ferroviaire transalpine Lyon-Turin – section internationale (I)	IT	5,00	5,00	19,00	21,00	50,00
PP	605	Upgrading of railway junctions to connect with high-speed lines in order to increase the fluidity of East/West traffic (Turin: the Susa-Dora section, technological improvements to the junction)	IT	0,00	0,00	1,00	8,00	9,00
PP	606	Upgrading of the Turin-Modane line and the Turin freight belt	IT	0,00	2,00	8,00	10,00	20,00
PP	607	Enhancing the productivity of infrastructure and technologies in order to increase the fluidity of East/West traffic (the Pioltello-Treviglio and Rovato-Padua sections).	IT	0,00	2,50	4,00	16,50	23,00
PP	608	Reorganisation of the Venice/Mestre railway junction	IT	1,00	1,00	1,00	2,00	5,00
PP	701	Egnatia Motorway: Technical Studies - final stage	EL	12,50	12,00	5,50	0,00	30,00
PP	801	New Lisbon Airport – Structuring of the Public-Private-Partnership	PT	3,00	2,45	3,00	0,00	8,45
PP	802	Studies for the Portugal-Spain/Europe multimodal link. Fuentes de Oñoro-Valladolid and Galician Atlantic axis sections (Tuy-Coruña-Ferrol)	ES	0,30	0,75	1,35	2,00	4,40
GR	1001	<i>Bau der Umfahrung Enns</i>	AT	0,00	0,50	1,00	1,00	2,50

GR	1002	<i>Schienerverbindung Donauachse: Ausbau des Knotens Wagram</i>	AT	1,00	2,00	2,00	5,50	10,50
GR	1003	<i>Planungen und Realisierung des Ausbaus der Schienenverbindung München - Mühldorf - Freilassing für 160/200 km/h</i>	DE	1,00	2,00	2,00	4,00	9,00
GR	1004	<i>Studien für den Neubau der Hochgeschwindigkeitsverbindung Stuttgart - Ulm</i>	DE	2,50	2,50	2,50	2,50	10,00
GR	1005	<i>Ausbau des Schienenabschnittes Augsburg - Mehring für Hochgeschwindigkeitsverkehr</i>	DE	3,50	2,50	2,50	5,00	13,50
GR	1006	<i>Studien für einen neuen Hochgeschwindigkeitsabschnitt im Bereich Frankfurt - Fulda/Hanau</i>	DE	0,00	2,00	7,00	15,00	24,00
GR	1007	Études en vue de l'élimination de l'ensemble des goulets d'étranglement dans le réseau ferroviaire espagnol afin d'améliorer le transport de marchandises	ES	1,50	1,50	2,00	5,00	10,00
GR	1008	Études concernant le nouvel accès ferroviaire à la région des Asturies	ES	1,00	2,00	2,00	2,00	7,00
GR	1009	Études relatives à la ligne à grande vitesse Madrid-Castilla La Mancha- Communauté de Valence - Région de Murcie	ES	3,00	7,00	8,00	19,00	37,00
GR	1010	Désaturation du complexe ferroviaire au nord de Bordeaux	FR	1,00	3,00	0,00	4,00	8,00
GR	1011	<i>Etudes et travaux visant la désaturation du noeud Lyonnais</i>	FR	0,00	1,00	1,00	2,00	4,00
GR	1012	Désaturation artère Nord Est	FR	0,00	1,00	1,00	3,00	5,00
GR	1013	Désaturation du nœud mosellan	FR	0,00	1,70	0,90	0,00	2,60
GR	1014	SUBURBAN RAIL OF ATTICA: Development studies	EL	1,625	2,725	1,650	1,50	7,500
GR	1015	West – East Rail Axis : Studies for the improvement of vertical links to third countries, nodes and links to industrial areas	EL	0,50	1,00	1,50	2,50	5,50
GR	1016	Infrastructural and technological upgrading of the Florence railway junction	IT	3,00	3,00	3,00	8,50	17,50
GR	1017	High Speed railway project – Bologna- Firenze from km 4+884 to km 40+432 and from km 71+500 to km 83+366.	IT	15,00	10,00	10,00	50,00	85,00
GR	1018	Infrastructural and technological upgrading of Milan railway junction	IT	1,50	2,00	4,50	10,50	18,50
GR	1019	High Speed Urban junction of Rome	IT	3,00	5,00	5,00	7,00	20,00
GR	1020	Augmentation de la capacité de circulation des trains et de la sécurité dans le secteur Nord de la gare de Luxembourg (Viaduc de	LU	0,50	0,70	0,70	0,50	2,40

		Pulvermuehle).						
GR	1021	High Speed rail link Dutch Randstad-Rhine/Ruhr, section Amsterdam-Utrecht; construction of the Utrechtboog	NL	1,00	1,00	1,00	7,00	10,00
GR	1022	Grande vitesse: études de projets d'exécution relatifs au tronçon Coimbra-Porto	PT	0,00	0,70	2,10	4,60	7,40
GR	1023	Grande vitesse: études de projets d'exécution relatifs au tronçon Lisbonne- Nouvel aéroport de Lisbonne	PT	0,00	0,50	1,30	3,30	5,10
GR	1024	Etudes de projet pour une nouvelle traverse au-dessus du Tage à Lisbonne	PT	3,50	4,50	5,50	4,50	18,00
GR	1025	<i>Removal of bottlenecks on the railway network in Finland: Luumaki - Joensuu and Oulu - Iisalmi/Vartiuss sections</i>	FI	1,00	2,00	2,10	7,00	12,10
GR	1026	Feasibility study for Stansted Airport – improved rail links	UK	1,00	1,00	0,00	0,00	2,00
GR	1083	Feasibility Study for Southampton to West Coast Main Line (Liverpool and Manchester) Gauge and Capacity Enhancement for Rail Freight	UK	0,00	1,00	1,00	4,00	6,00
GR	1087	Heathrow Airport Links study – Kings Cross Airport / High Speed Train Interchange and new rail links	UK	1,00	2,00	2,00	8,00	13,00
GR	1088	Feasibility study for Trans-Pennine and North Wales – improved links to Manchester Airport	UK	3,00	1,00	1,00	0,00	5,00
GR	1092	<i>Felixstowe - Nuneaton gauge enhancement and capacity upgrade for rail freight (studies and works)</i>	UK	1,00	1,00	1,00	10,00	13,00
PP	1201	<i>Nordic Triangle/Swedish part: Malmö Citytunnel (Rail) - studies, technical design and works</i>	SE	2,00	4,00	5,00	22,00	33,00
PP	1202	South Main Line/West Main Railway Line – selected infrastructure improvement measures	SE	2,00	1,00	1,00	4,00	8,00
PP	1203	<i>Nordic Triangle/Swedish part: studies for remaining parts of E6 motorway; upgrading of Torp-Häby and Rabbalshede - Swinesund sections of E6 motorway</i>	SE	2,00	4,00	4,00	6,00	16,00
PP	1204	<i>Nordic Triangle/Finish part: E18 Motorway, construction of sections Paimio-Muurila and Helsinki Ring III</i>	FI	4,550	5,700	3,250	1,500	15,000
PP	1205	<i>Nordic Triangle/Finish part: railway infrastructure upgrading on sections Riihimäki - Luumäki, Helsinki - Riihimäki, Kouvala - Kotka and Leppävaara - Kirkkonummi</i>	FI	1,50	1,30	1,70	9,00	13,50

PP	1301	Planning and design of Ireland element of the Ireland/United Kingdom/Benelux Road Link	IRL	8,00	3,00	2,00	2,00	15,00
PP	1302	A120 Stansted to Braintree road upgrading	UK	5,00	5,00	5,00	0,80	15,80
PP	1401	West Coast Main Line Route Modernisation	UK	7,00	3,00	3,00	31,00	44,00
GR	3001	Studie, Vorbereitungsmaßnahmen und Pilotversuch für die Engpaßbeseitigung auf der Donau-Wasserstraße im Abschnitt Wien - slowakische Grenze	AT	0,00	0,40	2,10	3,50	6,00
GR	3002	Vorbereitungsarbeiten für das Genehmigungsverfahren eines „European Train Control System“ (ETCS, Level 1) für die Verbindung Wien – Budapest (österreichischer Abschnitt)	AT	0,60	2,50	0,00	0,00	3,10
GR	3003	Aménagement du canal Albert et modernisation des écluses de l'Escaut	BE	1,00	1,00	1,00	4,00	7,00
GR	3004	<i>Planungen und Realisierung des Ausbaus der Schienenverbindung Berlin - Frankfurt/Oder als Teil des gesamteuropäischen Verkehrskorridors n°II</i>	DE	1,00	2,00	2,00	19,00	24,00
GR	3005	<i>Planungen und Realisierung der neuen Schienenverbindung Offenburg - Basel als Zulaufstrecke zu den NEAT (Schweiz)</i>	DE	0,00	4,00	5,00	74,00	83,00
GR	3006	<i>Planungen und Realisierung des Ausbaus der Schienenverbindung Berlin - Dresden - deutsch-tschechische Grenze</i>	DE	0,00	0,00	2,00	13,00	15,00
GR	3007	Multimodaler Ausbau des Korridors Hamburg - Öresundregion: Studien für Schienenanbindungen Hamburg - Flensburg / Hamburg - Lübeck - Puttgarden (Zulauf zur geplanten Festen Fehmarnbelt-Verbindung)	DE	2,00	3,00	2,50	3,50	11,00
GR	3008	<i>Studien und Realisierung des Ausbaus der Schienenverbindungen Knappenrode - Horka - deutsch/polnische Grenze und Dresden - Görlitz als Teil des gesamteuropäischen Verkehrskorridors n°III</i>	DE	0,00	1,00	2,00	17,00	20,00
GR	3009	Festverbindung über den Fehmarnbelt - Entwurfsplanung, Ausführungsplanung und Vorbereitung der Ausschreibung	D/DK	0,00	0,00	8,00	30,00	38,00
GR	3010	Studies and works for the upgrading of railway access lines to the future Fehmarn Belt Fixed Link	DK	1,90	1,10	3,00	11,00	17,00
GR	3011	Canal Seine Nord	FR	0,00	0,00	2,00	8,00	10,00

GR	3012	<i>Travaux de mise en sécurité du tunnel du Fréjus, partie française</i>	FR	0,50	0,60	0,70	1,20	3,00
GR	3013	Aménagement de la Route Nationale 134 en France	FR	0,00	0,76	0,88	1,36	3,00
GR	3014	Egnatia motorway: technical Studies for the completion of vertical axes.	EL	1,45	0,95	0,00	0,00	2,40
GR	3015	<i>Travaux de mise en sécurité du tunnel du Fréjus, partie italienne</i>	IT	0,50	0,60	0,70	1,20	3,00
GR	3016	Développement de partenariats public/privé dans le secteur routier: expropriations sur les liaisons routières d'intérêt transfrontalière	PT	5,00	2,00	0,00	0,00	7,00
GR	3035	Upgrading of A1 Loughbrickland to Beech Hill road	UK	0,00	1,60	0,40	0,00	2,00
GR	4001	STREETWISE	EUR	1,80	1,80	1,80	3,60	9,00
GR	4002	ARTS	EUR	3,50	4,00	4,00	13,50	25,00
GR	4003	CENTRICO	EUR	8,00	9,00	10,00	37,00	64,00
GR	4004	CORVETTE	EUR	4,00	4,00	5,20	17,80	31,00
GR	4005	SERTI	EUR	5,50	6,00	6,00	12,50	30,00
GR	4006	VIKING	EUR	5,50	6,00	6,00	15,50	33,00
GR	5001	CNS/ATM Integrated Programme "Mediterranean Free Flight" - (MFF)	EUR	2,50	7,70	6,90	4,70	21,80
GR	5002	Study on ADS MEDiterranean Upgrade Programme - (ADS MEDUP)	EUR	0,85	2,40	2,10	0,00	5,35
GR	5003	NUP Phase II	EUR	2,50	5,10	5,90	7,40	20,90
GR	5004	ITEC-FDP Interoperability Through European Collaboration-Flight Data Processing	E/DE	0,00	2,50	5,50	8,00	16,00
GR	5005	Eurocontrol ADS Programme - Stages 1 and 2	EUROC	0,80	1,20	1,20	2,40	5,60
GR	5006	European ATM Reference Validation Platform – (EVP)	EUROC	0,00	1,65	1,60	1,57	4,82
GR	5007	Free Routes Airspace in Northern Europe – Phases 2 and 3 – (FRAP)	EUROC	1,34	5,25	2,83	0,60	10,02

Annex X: MAP

