# Trans-European Transport Network (TEN-T): selection of projects for the TEN-T multi-annual programme 2007-2013 and the annual TEN-T programme 2007

The European Commission published, in May 2007, a first series of calls for proposals in the framework of the TEN-T multi-annual programme for the years 2007-2013:

- A call for the TEN-T priority projects, including Galileo: this call covered the whole period 2007-2013, with an indicative total budget of € 5301 million.
- A call for project proposals in the area of European Rail Traffic Management System (ERTMS), with a total indicative budget of € 250 million.
- A call for project proposals in the area of Air Traffic Management (ATM)/ European Research Programme (SESAR): this call covered the whole period 2007-2013, with an indicative total budget of € 350 million.
- A call for project proposals in the area of Intelligent Transport System (ITS), with a total indicative budget of € 100 million.

Following these calls, Member States and other public or private project promoters submitted to the Commission: 169 project proposals for TEN-T priority projects, 45 project proposals for ERTMS, 3 proposals for ATM and 4 proposals for ITS. For the priority projects only, these proposals represented a total investment of more than € 55 billion, and a total requested Community contribution of € 11.5 billion.

The Commission has completed the project selection process. These proposed projects are now sent to the Member States and to the European Parliament. After the agreement of the TEN financing Committee, the European Parliament will exercise its scrutiny right. It is expected that the Commission will adopt its final project funding decisions at the beginning of next year. These decisions will include the projects that shall be co-funded between 2007 and 2013 and the amounts to be granted to these projects.

# 1. Some selected projects

Among the priority projects receiving significant support are the two inland waterways, 'Rhine/Meuse-Main-Danube' and 'Seine-Scheldt'. This includes the important section between Vienna and Bratislava for studies and works on the Danube, as well as studies on the Straubing-Vilshofen section to explore new solution for this river bottleneck. In total, the proposed Community support for the 'Rhine/Meuse-Main-Danube' project amounts to just over € 190 million. The 'Seine-Scheldt' waterway project could receive as much as € 420 million in order to launch a project based on cross-border cooperation between Belgium and France..

Regarding railway axes, the Commission proposes to make available almost  $\in$  4 billion on various priority projects. These include the important Brenner and Mont Cenis cross-border sections, which should help to address environmental concerns in these sensible mountainous regions affected by cross-alpine traffic flows. The Brenner is a tunnel of 63 km in total and the Mont Cenis tunnel measures 51.5 km. Both are proposed for Community funding, with  $\in$  786 and  $\in$  671.8 million respectively.

The traffic flows into Scandinavia will benefit from launching the Fehmarn Belt project, for which the Commission proposes to grant € 351.6 million. Rail Baltica can develop environmentally friendly transport between the Member States in the Baltic region: Estonia, Latvia, Lithuania, Finland and Poland. TEN-T support of €124 million is proposed for works on cross-border sections and studies. Of course, this support is complementary to funding from the structural Funds and will allow the project to progress more quickly.

Cross-border projects, sometimes even relatively small ones like the Kehl Bridge between Germany and France, are proposed for co-financing on almost all the Priority Project axes. Independently of their size, they allow to link national networks and are therefore top priorities.

A significant effort is made regarding the studies. They are an indispensable part of the life-cycle of projects and therefore need to be given due attention. The cross-border studies for the Trieste-Divaca railway section constituting an important bottleneck between Italy and Slovenia ( $\leqslant$  50.7 million) is a good example. This concerns also the high-speed railway axis in the South-East of Europe or the new high capacity line through the Pyreneans for which a Community funding of  $\leqslant$  5 million is proposed. Mention should also be made here of studies in Hungary on improving the navigability on the Danube ( $\leqslant$  4 million).

Finally, bottleneck sections on the priority projects which hinder traffic flows are proposed for funding. Examples include "Stuttgart-Ulm" (€ 215.9 M) in Germany, the by-pass of Nimes and Montpellier in France (€ 56.2 M), the River Tagus crossing in Portugal (€ 51.3 M), the "City-tunnel project" in Malmö - Sweden (€ 51,83 M) or the Valladolid-Vitoria-Bilbao/San Sebastian rail link (€ 73.53 M) in Spain.

The proposed project list also demonstrates the benefits the work which the European coordinators has brought so far. For the projects for which European coordinators have been nominated, a significant number of mature proposals of very good quality were proposed by the Member States concerned. These proposals are an expression of the coordinators' global perspective of the respective corridors, and they enabled the Commission to ensure coherent Community support of high European added value.

The full list of selected proposals in the field of priority projects is set out in annex 1. As regards the three other calls:

# **European Rail Traffic Management System (ERTMS)**

In this area, the Commission intends to support 19 projects, which means a total contribution of  $\in$  271 million. (A second call for proposals will be published in 2009.) This will facilitate the deployment of a control-command and signalling system, compatible at European level.

# Air Traffic Management (ATM) & SESAR

For the period 2007-2013, € 350 million will be granted for the implementation of the Single European Sky, in particular for the modernisation of the technical systems in order to respond efficiently to the continuing growth of air traffic.

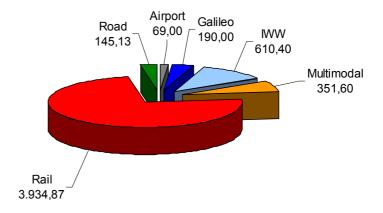
## Intelligent Transport Systems in the road sector

The 2007 call for proposals (which will be followed by two others in2010 and 2012, each of them for an indicative amount of € 100 million) led to the selection of the first phase of the EASYWAY, a project of truly European dimension. This project, which includes activities in the majority of the Member States, is aimed at optimising the capacity and efficiency of existing and new road infrastructure, at promoting interoperability and security as well as the reliability of the network.

## 2. Key data on the proposals

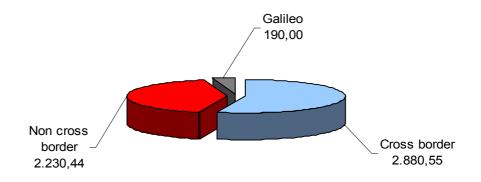
The proposed project selection in the field of priority projects fully meets the Commission's objective in terms of sustainable development. Three quarters (74.2%) of the funding goes to railway projects and another 11.5% are reserved for inland waterways. The support for road and air transport is more limited. (See graph 1).

Graph 1. Proposed support by transport mode in the field of priority projects



The objective of concentrating support on critical cross-border sections has been met. It is proposed that 56% of the available budget would be concentrated on works and studies concerning cross-border sections (see graph 2). The Community and the Member States have committed themselves to those projects that generate a significant network effect beyond the borders of the Member States directly concerned and will thus be of great benefit to the trans-European transport network. The projects that do not cross border projects are also of undisputed European added value since they aim at removing bottlenecks on the TEN-T network or in the case of Galileo, go beyond borders.

Graph 2. Proposed support by category of project

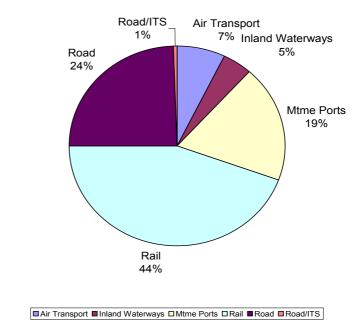


### 3. The 2007 annual TEN-T programme

In 2007, a total of € 112 million is available for the annual TEN-T projects. The aid to be granted on the basis of this annual work programme will be an important part of the Community financing for the trans-European transport network during the period 2007-2013. It will complement efforts under the multi-annual programme, but the annual programme will not support actions already supported under the multi-annual programme.

93 proposals were received in response to the 2007 call for proposals. The total requested support of  $\in$  945 million largely exceeded the available  $\in$  112 million Community funding. Graph 3 shows the distribution of the 43 selected proposals by transport mode.

Graph 3. Distribution of the selected TEN-T projects for the annual programme by transport mode



The full list of the selected proposals for the annual 2007 programme is included in annex 2.

The Commission expects that, with its draft decisions, it can develop an instrument that efficiently supports Member States and project promoters in their efforts to build the Trans-European Transport Network. The effects of this Community action, throughout the seven-year period, should also be visible and should benefit both European citizens and economic operators.

MEMO - Annex 1. List of selected projects TEN-T 2007-2013			
	Project title	Mode of Transport	Amount (in Million €)
PP 1 Railway Berlin - Palermo	Southern access line to Brenner base tunnel - studies and works	Rail	58.81
	Erfurt - Halle/Gröbers - works	Rail	57.00
	Kundl/Radlfeld - Baumkirchen - works	Rail	58.30
	Brenner base tunnel - works	Rail	592.65
	Brenner base tunnel - studies	Rail	193.35
		Total PP 1	960.11
	Project title	Mode of Transport	Amount (in Million €)
PP 2 High speed line Paris - Bruxelles - Köln - Amsterdam - London	Connection Zaventem airport - High speed line (Diabolo) - works	Rail	15.00
	Aachen - DE/BE border - works	Rail	14.78
		Total PP 2	29.78
	Project title	Mode of Transport	Amount (in Million €)
PP 3 High speed railway South-West Europe	Nimes and Montpellier bypasses - studies and works	Rail	56.26
	Tagus river crossing - studies and works	Rail	51.31
	Irun - Hendaye - studies	Rail	2.50
	Vitoria - Dax - studies	Rail	7.50
	Vitoria - Dax - works	Rail	60.00
	Guipuzcoano section - works	Rail	7.12
	Platform works in the section Valladolid - Burgos - works	Rail	25.00
	Evora - Merida - studies and works	Rail	312.66
	Perpignan - Figueras - works	Rail	69.75
	Bordeaux node - works	Rail	21.28
	Valladolid - Burgos - Vitoria - studies	Rail	14.65
	Bordeaux - Hendaye - studies	Rail	17.10
	Vitoria - Bilbao - works	Rail	26.76
		Total PP 3	671.89
	Project title	Mode of Transport	Amount (in Million €)
PP 4 High speed railway	Saarbrücken - Ludwigshafen - works	Rail	10.00

East			
		Total PP 4	10.00
	Project title	Mode of Transport	Amount (in Million €)
PP 5 Betuwe Line	Replacement of electrical supply system on two sections - works	Rail	19.88
		Total PP 5	19.88
	Droject title	Mode of	Amount (in
	Project title	Transport	Amount (in Million €)
PP 6 Railway line Lyon - Ukrainian border	Lyon - Torino - studies and works	Rail	671.80
	Ronchi South - Trieste - studies	Rail	24.00
	Trieste - Divača - studies	Rail	50.70
	Budapest - Miskolc/Nyíregyháza - studies	Rail	8.00
		Total PP 6	754.50
	Project title	Mode of Transport	Amount (in Million €)
PP 7 Motorway Igoumenitsa/P atra - Athina- Sofia-Budapest	Promachonas - Thessaloniki - studies	Road	2.35
	Development of the Motorway Priority Project 7 - studies	Road	1.13
		Total PP 7	3.48
	Project title	Mode of Transport	Amount (in Million €)
PP 8 Multimodal project Portugal/Spain - Europe	New Lisbon airport - studies and works	Air Transport	69.00
		Total PP 8	69
	Project title	Mode of Transport	Amount (in Million €)
PP 12 Nordic Triangle	Kouvola/Kotka - Hamina port - works	Rail	6.60
	Lahti - Vainikkala - works	Rail	23.15
	Connection PP12 - Helsinki airport - works	Rail	17.76
	E20 Norra Länken - works	Road	56.15
	Citytunnel Malmö - works	Rail	51.83
		Total PP 12	155.49

	Project title	Mode of Transport	Amount (in Million €)
PP 13 Road axis UK/Ireland/Ben elus	Package for improvements and upgrades on bottleneck sections - works	Road	80.71
		Total PP 13	80.71
	Project title	Mode of Transport	Amount (in Million €)
PP 15 Galileo	Trans European Satellite Navigaion System (Galileo) - Completion of development - studies	Galileo	190.00
		Total PP 15	190
	Project title	Mode of Transport	Amount (in Million €)
PP 16 Freight railway Sines - Madrid - Paris	High capacity line through the Pyreneans - studies	Rail	5.00
		Total PP 16	5
	Decise 44 Miles	NA - I f	A construct disc
	Project title	Mode of Transport	Amount (in Million €)
PP 17 Railway Paris - Bratislava	Wendlingen - Ulm - works	Rail	101.45
	München - Mühldorf - Freilassing - AT border - works	Rail	9.75
	Baudrecourt - Vendenheim - works	Rail	18.00
	Kehl - Appenweier - works	Rail	26.95
	Wien - Bratislava (6 sub-projects) - studies and works	Rail	129.85
	Salzburg - DE border - works	Rail	37.88
	Stuttgart - Wendlingen - works	Rail Total PP 17	114.47
		TOTAL PP 17	438.35
	Project title	Mode of Transport	Amount (in Million €)
PP 18 Rhein/Meuse - Main - Danube	Maasroute upgrade to class Vb specifications - works	Inland waterway	81.78
	Eliminating bottlenecks Wien - Bratislava - works	Inland waterway	28.05
	Danube bridge at Deggendorf - works	Inland waterway	7.01
	Floodgate Huy - studies	Inland waterway	17.59
	Straubing - Vilshofen - studies	Inland waterway	16.50
	Albert canal locks - works	Inland waterway	26.93
	Eliminating bottlenecks Wien - Bratislava - studies	Inland waterway	8.34

	Navigability improvement Hungarian section - studies	Inland waterway	4.00
		Total PP 18	190.2
	Project title	Mode of Transport	Amount (in Million €)
PP 19 High speed rail interoperability on the Iberian peninsula	Madrid - Barcelona - FR border - works	Rail	22.86
	Ponte de Lima - Vigo - works	Rail	244.14
		Total PP 19	267
	Project title	Mode of Transport	Amount (in Million €)
PP 20 Fehmarn belt	Fehmarn belt fixed rail/road link - studies and works	Multimodal	351.60
	København - Ringsted capacity improvement - studies	Rail	10.99
	Rødby - Ringsted upgrading - studies	Rail	11.70
		Total PP 20	374.29
	Project title	Mode of Transport	Amount (in Million €)
PP 22 Railway Athina - Nürnberg/Dres den	Praha - Beroun - studies	Rail	14.50
	Biatorgaby - Tata - studies	Rail	1.25
	Development of PP 22 - studies	Rail	6.50
		Total PP 22	22.25
	Project title	Mode of Transport	Amount (in Million €)
PP 23 Railway Gdansk - Wien	Upgrade Blazovice - Nezamyslice - studies	Rail	7.07
		Total PP 23	7.07
	Project title	Mode of Transport	Amount (in Million €)
PP 24 Railway Lyon/Genova - Rotterdam/Ant werpen	Node of Genova - studies	Rail	5.05
	Frankfurt - Mannheim - studies	Rail	35.45
	Duisburg - Emmerich - studies and works	Rail	63.33
	Re-construction Karlsruhe - Basel - works	Rail	94.50
	Rhin-Rhône - Branche Est - works	Rail	198.00
	Cross-border BE-NL - studies	Rail	7.29

		Total PP 24	403.62
	Project title	Mode of Transport	Amount (in Million €)
PP 26 Rail/Road axis Ireland/UK/Con tinent	Interconnector tunnel Dublin - studies	Rail	10.00
		Total PP 26	10
	Project title	Mode of Transport	Amount (in Million €)
PP 27 Rail Baltica	European gauge line (Estonian section) - studies	Rail	1.00
	European gauge line (cross-border PL, cross-border LV) - works	Rail	72.80
	Tartu - Valga - works	Rail	10.75
	European gauge line (PL - Marjiampole) - studies	Rail	16.07
	European gauge line (Latvian section) - studies	Rail	1.10
	Valmeira - Valka / LT border - Jelgava / Riga - Valmeira - works	Rail	22.33
		Total PP 27	124.05
	Project title	Mode of Transport	Amount (in Million €)
PP 28 EuropCaprail	EuroCaprail Luxembourg - Strassbourg (Luxembourgian section) - works	Rail	27.00
	EuroCaprail Brussels - Luxembourg (Belgian section) - works	Rail	30.18
		Total PP 28	57.18
	Project title	Mode of Transport	Amount (in Million €)
PP 29 Ionian/Adriatic Intermodal Corridor	Ioannina - Antirrio - studies	Rail	21.50
	Patra - Pyrgos - Kalamata - studies	Rail	15.50
		Total PP 29	37
	Project title	Mode of Transport	Amount (in Million €)
PP 30 Inland waterway Seine-Scheldt	Seine-Scheldt Inland waterway Network - works	Inland waterway	420.19
		Total PP 30	420.19

	Annex 2. Selected TEN-T Projects for the Annual nme 2007		
Opening Number	Project title	Mode	TEN-T funding (in Million €)
3	REREX - Railway link Budapest - Airport Ferihegy	Rail	3.00
4	Bretagne High Speed Line	Rail	6.00
5	D. A. N. U. B. E Romanian Danube port infrastructure development	Inland Waterways	0.20
6	Second Mosel-lock-basin in Fankel	Inland Waterways	4.91
7	Nordic Triangle: Ostlänken (Järna-Linköping)	Rail	1.26
9	New railway network in the Basque Country, Abadino – Durango.	Rail	4.43
10	Motorway of Navarra (A-15)	Road	3.98
11	GSM-R system on the Slovenian railway network	Rail	1.70
12	Haparanda line (Boden - Haparanda)	Rail	4.70
16	Re-construction of the Haseltal bridge on the Motorway A 3	Road	1.48
19	Malta Freeport Terminals - Expansion	Mtme Ports	3.07
23	Marselis Tunnel Project, Aarhus.	Mtme Ports	4.18
27	Development of the Railway Common Interface and Reference File Database Software in support of the TAF-TSI	Rail	1.00
28	Environmental Impact Assessment on Motorways E47/E55 and E20/E47/E55	Road	1.90
34	Prolongation of the Grand Canal of Le Havre	Mtme Ports	1.43
36	Quality, safety and securey improvements at Budapest Ferihegy Airport	Air Transport	3.97
37	Riga Northern Transport Corridor	Mtme Ports	5.50
38	Cargo City Development - Railway tunnel, Milano airport	Air Transport	1.71
42	Improvement of railway facilities in the Marghera Area	Mtme Ports	0.90
45	Lyon-Torino: Access routes to the base tunnel	Rail	4.70
47	Study for improving Romanian Danube ports (merged with ON 5)	Inland Waterways	0.00
49	Ventspils port infrastructure development and access	Mtme Ports	0.50
50	Manchester airport: 3rd rail platform	Air Transport	1.64
51	Railway Seinäjoki - Oulu (2007-2008)	Rail	9.30
54	Motorway A 6:Heilbronn/Untereisesheim - Weinsberg	Road	2.22
56	Motorway BU-30: Quintanadueñas-Villatoro-Villimar	Road	4.37
57	Civitavecchia railway link between the Motorways of the Sea terminal and PP 1	Rail	1.00
60	Russe (Rousse) - Varna railway line	Rail	1.55
61	Intermodal terminal in Russe (Rousse)	Rail	1.30
62	Intermodal terminal in Plovdiv	Rail	0.80
63	Port of Genoa - Hinterland terminal of Alessandria	Mtme Ports	4.60
64	Development of road transport corridor IA (Via Hanseatica linking Riga to Kaliningrad (E77/A12))	Road	1.10
66	Express road S19: Rzeszów-Barwinek	Road	3.45
68	Express road S5: Nowe Marzy - Bydgoszcz and Żnin - Gniezno	Road	4.76

70	Airport "Katowice" in Pyrzowice	Air	0.81
		Transport	
71	Railway station Přerov	Rail	1.85
73	Reconstruction of the Olomouc railway station	Rail	1.65
74	Ionian Highway (Western Axis)	Road	2.38
77	Master plan for the ports of Cyprus	Mtme Ports	0.50
79	Study for Cyprian public transport inter-city links using the Motorway Network	Road/ITS	0.75
84	Intermodal infrastructure facilities at Norra Hamnen in Malmö	Mtme Ports	0.57
87	E6 Trelleborg-Vellinge	Road	1.68
91	PBKAL (Paris/Brussels/Köln/Amsterdam/London): Belgian part of the northern European high speed network	Rail	5.80
			112.60