Project	Research objectives	Relevance	Main contacts
DG TREN (Transport)			
SCENARIOS Scenarios for Trans-European Network	To establish the impact of main influencing factors on the transport system – development of population, spatial patterns, transport costs, technological development , transport policy; To elaborate a set of recommendations for constructing a comprehensive scenario model at a European scale; An analysis of the policy variables on the way to promote sustainable mobility; Development of a "reference scenario" for future European research.	DG TREN "strategic" research. Covers inter-urban roads (TEN). Very much a modelling exercise. Research completed.	EC: Ms Catharina SIKOW-MAGNY Tel: +32-2-2962125 Fax: +32-2-2954349 Project Co-ordinator: Mr Christian REYNAUD Institut National de Recherche sur les Transports et leur Securite. Tel: +33 1 4740 7306 Fax: +33 1 4547 5606
EUNET – SASI Socio-economic and spatial impacts of transport infrastructure investments and transport system improvements	To develop a comprehensive and transferable methodology for the study of socio-economic impacts of European transport improvements and to draw these themes together in demonstration examples.	DG TREN Strategic Research. Theoretical modelling approach led by Marcial Echenique. Research completed.	EC: Ms Catharina SIKOW-MAGNY Tel: +32 2 2962125 Fax: +32 2 2954349 Project Co-ordinator: Mr John LARKINSON Marcial Echenique. Tel: +44 1223 840704 Fax: +44 1223 840384
EUROMOS European Road Mobility Scenarios	To develop mobility scenarios as a tool for evaluating future mobility trends and the impacts on polivcies and services.	DG TREN Road Research. Looks at urban mobility of different user groups in six European conurbations including Southampton.	EC: Mr Frank JOST Tel: +32 2 2993911 Fax: +32 2968350 Project Co-ordinator: Mr Alberto VALERO Volkswagen AG Tel: +49 5361 925001 Fax: +49 5361 978794
POSSUM Policy scenarios for sustainable mobility.	To develop alternative policy scenarios to assist in decision making on the common transport policy and TEN. Development of criteria for sustainable mobility. Design of transport policy scenarios to present range of future situations.	DG TREN Strategic Research. Establishes paths to determine how the policy scenarios can be attained, to establish the range of actions available, and when decisions have to be made.	EC: Mr Keith Keen Tel: +32-2-2963469 Fax: +32-2-2954349 Project Co-ordinator:Prof David Banister UCL Tel: +44 171 3807456 Fax: +44 171 3807502
SCENES	SCENES is an ambitious modelling project which aims to develop and test transport scenarios for	DG TREN Strategic Research.	EC: Ms Catharina SIKOW-MAGNY

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Modelling and methodology for analysing the relationship between external developments and european transport.	aims to develop and test transport scenarios for Europe for 2020 and beyond. There are 3 main objectives (a) to produce transport demand scenarios for the EU for 2020 and beyond; (b) to develop detailed forecasts of factors which will affect transport demand into the future; and (c) to extend and enhance a strategic transport model of the EU and carry out model runs based on the scenarios.	It would be useful to look at the transport demand scenarios which have been developed. SCENES has produced a huge volume of ideas, data, models, and hypotheses and thus the Deliverables may be highly relevant. The SCENES internet database is at present is limited to SCENES partners and EU officials but will be a valuable resource if it is made more widely available.	Tel: +32-2-2962125 Fax: +32-2-2954349 Project Co-ordinator: Mr John LARKINSON Marcial Echenique. Tel: +44-1223-840704
RECONNECT Reducing congestion by introducing new concepts in transport.	To investigate how new concepts of transport can contribute to reducing congestion and how they can play a regional role or solve larger scale problems through integration with other modes.	DG TREN Strategic Research. Whilst not specifically developing scenarios about the future, RECONNECT focuses on exploiting underground developments in urban areas – underground logistics systems including new tunnelling technologies, airships and other innovative ground-based concepts. The time horizon is between 10 and 30 years hence.	EC: Mr Uwe FISCHER Tel: +32 2 29 55001 Fax: +32 2 29 68350 Project Co-ordinator: Mr Ulrich LEISS Industrieanlagen Betriebsgesellschaft mbH Tel: +49 89 60882219 Fax: +49 89 60882088
FANTASIE Assessment of new technologies and environmental issues.	Identification of new technologies and lines of technological development which are expected to have a major impact on transport systems in the EU. Development and validation of methods to enable the scale of the impact to be quantified.	DG TREN Strategic Research. Includes worldwide technology forecasting. Assessment of new technologies and their impact on environment, safety, efficiency, socio-economic factors, market etc over various time horizons.	EC: Ms Maria ALFAYATE Tel: +32 2 2968250 Fax: +32 2 2954349 Project Co-ordinator: Mr Ulrich LEISS Industrieanlagen Betriebsgesellschaft mbH Tel: +49 89 60882219 Fax: +49 89 60882088
HINT Human implications of new technologies	To develop a European strategy for managing the human and organisational impacts of the new technologies likely to be implemented over the next 10-20 years.	DG TREN Strategic Research. Cross-modal study of human and organisational issues.	EC: Ms Maria ALFAYATE Tel: +32 2 2968250 Fax: +32 2 2954349 Project Co-ordinator: Dr Oliver CARSTEN University of Leeds Tel: +44 113 2335348 Fax: +44 113 2335334
PATS Pricing acceptability in the transport sectors.	To identify public attitudes to transport pricing, to find the means to increase its acceptability, to identify potential legal and political barriers, to analyse the distributional effects and to design acceptable pricing and policy packages.	DG TREN Strategic Research. Informs arguments on alternative transport pricing strategies and how to "package" policies to increase public acceptability..	Project Co-ordiator: Jose Manuel VIEGAS Tel: +351 1 842 1410 Fax: +351 1 842 1411

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UTOPIA Urban transport options for propulsion systems and instruments for analysis.	UTOPIA is a large project reviewing new fuels and propulsion technologies, with the objective of providing decision makers with the necessary tools, methods and guidelines for accelerating the market introduction of these new technologies. There are links with many other strategic and transport projects in the 4th Framework Programme (e.g. SESAME, FANTASIE, SCENARIOS) and with other EU activities such as the Car of Tomorrow Task Force.	DG TREN Urban Research. UTOPIA provides a comprehensive review of propulsion systems with examples from around the world. New transport solutions based on new propulsion systems could provide solutions to many transport related problems of congestion, emissions and noise.	EC: Mr Remi MAYET Tel: +32 2 2964677 Fax: +32 2 2954349 Project Co-ordinator: Mr Jonathan MURRAY Energy Saving Trust Tel: +44 171 222 0101 Fax: +44 171 654 2444
COST - Transport Programme	A number of relevant projects have been carried out over the years. Current projects include COST 332 – Transport and land-use policies COST 342 – Parking policy measures and their effects on mobility and the economy. COST 343 – Reduction in road closures by improved maintenance procedures.	Some of the current actions underway could inform the debate about Vision 2030, but most of the material is rather dated and there is little on scenario development.	
DG TREN (Energy)			
THERMIE Rational use of energy, renewable energies, fossil fuels	Several projects which demonstrate the rational use of energy in the transport sector have been completed.		THERMIE Project Co-ordinator: M Angel LANDABASO Tel: +32 2 295 74 85 Fax: +32 2 296 60 16
ANTARES A new traffic approach regarding energy saving.	To reduce global energy consumption due to mobility needs by both reducing and rechannelling traffic flows. More rational organisation of urban mobility, resulting in a reduction in private car use etc.	Informs wider urban mobility debate.	Project Co-ordinator: Joachim CABRERO Barcelonia Technologia SA Tel: +34 3 415 1862 Fax: +34 3 217 1856
CENTAUR Clean and Efficient New Transport Approach for Urban Rationalisation	Follow up of ANTARES. Introduction of environmentally friendly vehicles and implementation of measures to achieve a modal change from private cars to public transport.	Reducing motorised transport in urban areas.	
ENTRANCE Energy savings in Transport through innovation in the cities of Europe	To demonstrate practical measures for improving public transport in European cities leading to energy savings, lower emissions and a better quality of life.	Energy efficiency, alternative fuels.	Project Co-ordinator: Peter SONNABEND City of Cologne Tel: +49 221 221 1483 Fax: +49 221 221 1900
ENTIRE European City Network on	Follow up of ENTRANCE. To demonstrate integrated approaches in transport management for	Use of innovative technology to improve the movement of people in urban and	

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Transport Innovation for the Rational Use of Energy	improving the energy and emissions balance of European cities.	sub-urban areas.	
JUPITER 1 & 2 Joint Urban Project in Transport Energy Reduction	To demonstrate the potential for energy reductions and environmental improvements in urban areas. To introduce new fuel efficient and alternatively fuelled public transport vehicles. To develop a forecasting model to enable other European cites to assess potential energy savings.	Energy efficiency, alternative fuels.	
SAGITTAIRE	Deployment of hybrid electric buses in 11 European cites as part of a city-wide traffic management system including bus priorities, reductions in city centre parking etc..	Hybrid electric buses. Making public transport more attractive.	
ZEUS Zero and low emission vehicles in urban society	To demonstrate the relevance of a series of technical measures to educe CO2 emissions as well as to improve energy efficiency in urban transport. At least 1200 vehicles will be introduced in to 8 cities, with a total population of over 20 million people.	Alternatively-fuelled vehicles (biofuels, LPG, CNG). Hybrid electric vehicles.	
DG Environment **EESD Programme - Environment and Sustainable Development.**	Energy, environment and sustainable development (EESD) is a thematic programme of the Fifth (EC) Framework programme. The key actions relevant to transport are (a) the city of tomorrow and cultural heritage, (b) socio-economic aspects of sustainable development, and (c) climate and global change research .		
VISIONS Integrated Visions for a Sustainable Europe	Purpose is to develop integrated scenarios for sustainable development for Europe as a whole and for 3 specific regions including the UK North West, Aim is to develop UK's first fully interactive regional model – the result will be a set of scenarios for the NW for 2020 and 2050. Methodology is based on Integrated Sustainable Cities Assessment Method (ISCAM).	Interesting approach and output will be relevant given 2020 ands 2050 timescales.	Visions Workshop Co-ordinator: Clair GOUGH Manchester School of Management, UMIST Tel: +44 161 200 3400

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SUTRA Sustainable Urban Transportation	Aims to develop tools to enable city administrations to address transportation problems by providing a consistent and comprehensive approach and planning methodology for design strategies for sustainable cities. Demonstration of methods to improve forecasting, assessment and strategic policy level decision support. Develop common indicators for urban sustainability for a baseline analysis, ranking and benchmarking within European cities.	Focus is on sustainable urban areas. Project has just started. A large modelling exercise. The long-term development scenarios, defined for each of the case studies, will consider the current base line, a do-nothing scenario and a set of probable development strategies in terms of demographic, socio-economic, spatial and structural, and technological development over 30 years.	EC Environment Directorate. Unit D3 Air Quality, Urban Environment, Noise Transport. Fax: +32 2 296 9554
PROSPECTS Procedures for recommending optimal sustainable planning of European city transport systems	To provide cities with the guidance they need to generate optimal land use and transport strategies to meet their of sustainability challenges. Early work includes defining cities' policy objectives, underlying trends and **future scenarios**, policy options, decision making processes and barriers to implementation.	Focuses on urban areas. Scenario development will be of relevance.	Project Co-ordinator: Laura BARJONAS University of Leeds Tel: +44 113 233 4090 Fax: +44 113 233 3090
GECS Greenhouse Gas Emission Control Strategies.	Economic assessment of climate change policies. A set of global (world) scenarios to 2030 will be developed in order to analyse the impacts of different policies for emission reduction, including options to reduce emissions from land use change and for strengthening carbon sinks.	Global approach. Aims to use common sets of scenarios based on international commitments negotiated for the Kyoto and post-Kyoto time frame.	EC: DG Research. Jean-Marie CADIOU Institute for Prospective Technological Studies, Seville. Tel: +34 95 448 82 73 Fax: +34 95 448 82 74 Project Co-ordinator: Bernard JOLLANS Centre National de La Recherche Scientifique. Tel: +33 4 76 88 10 00 Fax: +33 4 76 88 11 61
DG Innovation **FLEXIMODO**	To develop and disseminate a modularised scenario-workshop method on urban ecology, mobility, local information provision and urban regeneration. The project builds on the results of the European Awareness methodology (EASW) of DGXIII/D. The package has been used in 20 cities throughout Europe as a tool for making citizens aware of opportunities to make their towns more sustainable by effectively utilising new technologies. Each workshop is inspired by four extreme scenarios that illustrate how life might look in the future. About 60 workshops have taken place. A National Monitor's network has been set up basically a "project advisor" of the EASW methodology.	Potentially useful although focus is on urban transport. There are 4 basic scenario subjects available (urban ecology, urban mobility, urban information and communication, and urban regeneration). Within urban mobility there are 4 scenarios – "Star-City", "Patchwork City", "Scatter-City", "Chain-City".	EC: Francisco FERNANDEZ Tel: +35 2 4301 34647 Fax: +35 2 4301 35389 Project Co-ordinator: Ms Yvonne van DELFT The International Institute for the Urban Environment (NL) Tel:+31 15 262 32 79 Fax: +31 15 262 48 73 UK EASW National Monitors Mr Alistair LORIMER (Scottish Borders Council) Tel: +44 1835 823301 Mr M J BREAKNELL (Oxford Brookes Uni) Tel: +44 1865 483406 Mrs Penny STREET (PREST, University of Manchester) Tel:+44 161 2731123

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DG IST (Information Society Technologies)	Most EC research in this domain now falls into the "Creating a user-friendly information society" (IST) Programme.	Many of the previous Telematics-TAP projects and future 5th Framework projects address emerging technologies. However there are few futures exercises.	
HEAVEN Healthier environment through abatement of vehicle emissions	Aims to demonstrate a decision support system which assesses the pollution reduction of transport demand strategies in large urban areas.	Transport demand strategies and impact on noise and air quality.	Project Co-ordinator: Maurizio TOMASSINI Tel: +39 06 571 181 Fax: +39 06 571 18547
INVETE Intelligent in-vehicle terminal for multimodal flexible collective transport services.	Aim is to specify, develop and validate a modular, intelligent terminal which can be used for different transport services and can operate in different communications environments.	Flexible multi modal transport provision.	Project Co-ordinator: Johan SCHOLLIERS Tel: +358 331 636 42 Fax: +358 331 634 94
ISCOM Information systems for combined mobility management in urban and regional areas.	Objective is to demonstrate multimodal transport information and services to raise the quality of life particularly relating to mobility.	Future developments in multi modal transport information. Short time horizon.	Project Co-ordinator: Dr Lothar NEUMANN Tel: +49 711 9069 811 Fax: +49 711 9069 888
MCP Multimedia car platform	Aims to provide a transparent access to multimedia services on the basis of existing and upcoming technologies such as GSM/GPRS, DAB, DVB-T and UMTS. Interoperability between broadcasting and mobile communications networks will open up a new dimension for users.	Opens up possibilities for new communication, navigation and entertainment services for car drivers and passengers.	Project Co-ordinator: Peter CHRIST Tel: +49 30 3497 3512 Fax: +49 30 3497 3513
PRIME Prediction of congestion and incidents in real-time, for intelligent incident management and emergency traffic management.	Aims to increase the effectiveness of incident detection and incident management on motorways and adjacent urban networks. Innovations include (a) methods for predicting incidents or congestion in real time (b) improved sensor systems (c) improved integration of incident verification to increase reliability of incident management, and (d) integration of network management strategies to increase incident management effectiveness.	Strategic network management.	Project Co-ordinator: Mike McDONALD Tel: +44 23 8059 2192 Fax: +44 23 8059 3152
ROSETTA Real opportunities for exploitation of transport telematics	Dissemination and exploitation of 4th and 5th framework transport telematics programmes.	Might identify more relevant material.	Project Co-ordinator: Mike McDONALD Tel: +44 23 8059 2192 Fax: +44 23 8059 3152
SMARTCITIES Multi-application Smart cards in cities.	Aims to design a dynamic smart card and multi application management architecture to allow targeted markets to benefit form the numerous advantages of smart card environment without being tied to a unique proprietary application model.	Encourages seamless multi modal transport.	Project Co-ordinator: Mr Pater VERREPT Tel: +44 1202 850 928 Fax: +44 1202 850 903