



EURNEX / NoE / 2004-2007 / FP6 call IST 1

Project budget : 6.000.000 €
 Multitel budget : 9.550 €
 Integration of the fragmented European Rail Research landscape to promote the railway contribution to sustainable transport policy and to improve the competitiveness and economic stability of the railway sector and industry.
<http://www.eurnex.net>

WCAM / STReP / 2004-2006 / FP6 call IST 1

Project budget : 3.823.569 €
 Multitel budget : 629.439 €
 Study, development and validation of a wireless (WLAN) seamless and fully secured networked audio-visual system focused on the technology convergence between video surveillance and multimedia distribution over the Internet.
<http://www.ist-wcam.org>



MORYNE / STReP / 2006-2008 / FP6 call IST 4

Project budget : 3.901.012 €
 Multitel budget : 462.628 €
 Development of a road traffic management system in order to contribute to a greater transport efficiency, increased transport safety and more environmental friendly transport by improving traffic management in urban and suburban areas.
<http://www.fp6-moryne.org>



WIDENS / STReP / 2004-2006 / FP6 call IST 1

Project budget : 5.115.753 €
 Multitel budget : 187.150 €
 Design, prototyping and validation of a vertically integrated rapidly deployable and scalable communication system for future public safety, emergency and disaster applications. The project ended successfully on 31st January 2006.
<http://www.widens.org>



SIMILAR/ NoE / 2003-2008 / FP6 call IST 1

Project budget : 6.086.060 €
 Multitel budget : 48.880 €
 Development of natural and adaptive multimodal interfaces that intelligently respond to speech and language, vision, gesture, haptics and other senses. A virtual private network (called SIMILARnet) interconnecting all "European Multimodal Usability Test Rooms" and all researchers will be developed to achieve this objective.
<http://www.similar.cc>



FASTY / 2001-2003 / FP5 IST 2000

Project budget : 2.461.673 €
 Multitel budget : 428.320 €
<http://www.fortec.tuwien.ac.at/reha.e/projects/fasty/fasty.html>



FP7 PROJECTS

ALPINE / IP/ 2009-2012 / FP7-NMP-2008-LARGE-2

Project budget : 10.125.808 €
 Multitel budget : 539.840 €
 ALPINE aims at pushing forward R&D on fibre laser systems for manufacturing of PhotoVoltaic (PV) modules. The focus of the project is on the development of high brilliance, high efficiency and premium beam quality laser based on a new design of Photonic Crystal Fibres (PCFs). The laser systems developed in the project will be tested on real scribing process used by PV industrial leading companies.



MICIE /2008 - 2011/ FP7-ICT-SEC-2007-1

Project budget : 3.498.525 €
 Multitel budget : 216.000 €
 Creation of solutions for Critical Infrastructure (CI) protection by a twofold approach: definition of CI cross-domain risk assessment methodology in order to assess the level of exposure of the interconnected CI to different kinds of threat (malicious attacks and accidental failures) and define correspondent risk mitigation strategies; the definition and implementation of a solution for secure mediation of information exchanged among linked information systems of critical infrastructures supporting CI management.
<http://www.micie.eu>



SYSTEMX /2008 - 2011 / FP7-ICT-2007-2

Project budget : 800.011 €
 Multitel budget : 42.800 €
 Development of a framework for current and future actions in research, education and technology transfer in the fields of e-textiles and wearable microsystems / electronics in Europe to support the textile industry in the most efficient and effective way and transform it into a dynamic, innovative, knowledge-driven competitive and sustainable sector.
<http://www.systemx.org>



OASIS / 2007-2011 / FP7-ICT-2007

Project budget : 12.414.062 €
 Multitel budget : 229.667 €
 OASIS introduces innovative, Ontology-driven and Open Reference Architecture and System, which will enable and facilitate interoperability, seamless connectivity and sharing of content between different services and ontologies in all application areas relevant to the elderly and beyond. The OASIS System is open, modular, holistic, easy to use and standards abiding. It includes a set of novel tools for content/services connection and management, for user interfaces creation and adaptation, as well as for service personalization and integration.
<http://www.oasis-project.eu>

FP6 PROJECTS



PHODYE / STReP / 2006-2009 / FP6 call IST 5

Project budget : 3.174.663 €
 Multitel budget : 387.019 €
 Phodye aims at developing new chemical/physical sensors. The new sensing technology investigated here is based on the integration of dye thin films with photonic structures. The photoluminescence response of the films will be very fast and specific to the presence of the chemical entities targeted.
<http://www.phodye.icmse.csic.es>



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ACCORD / SSA / 2006-2008 / FP6 call IST 5

Project budget : 1.027.359 €

Multitel budget : 72.556 €

Accord is an experimental programme that aims to create new opportunities for both photonics companies and photonics students. The project will put pre-competitive photonic components and systems in the hands of researchers and students, at no additional cost to the university or to the company that furnishes the prototypes. Moreover, by involving possible end-users in the programme, ACCORD will help the supplying company to get access to potential new markets outside its normal fields of operation.

<http://www.ist-accord.org>



Next Gen PCF / IP / 2006-2009 / FP6 call IST 5

Project budget : 12.217.511 €

Multitel budget : 348.575 €

Development of the Next Generation of Photonic Crystal Fibres. This large project gathers all the competencies from basic materials to photonic devices and applications. Its objective is to become the incubator of key PCF based devices in the fields of biomedical, telecommunications and sensors for environment.

<http://www.nextgen-pcf.eu>



OFSETH / STReP / 2006-2009 / FP6 call IST 4

Multitel Coordinator

Project budget : 3.507.517 €

Multitel budget : 681.380 €

This project aims at extending the actual capabilities of health care monitoring technologies by investigating the application of optical sensor techniques to that field. For this purpose, both the possible optical techniques (FBGs and Near Infrared Spectrometry) and the end users' requirements that are not evaluated by classical techniques of health care monitoring are assessed.

<http://www.ofseth.org>



INTELTEX / IP for SMEs / 2006-2008 / FP6 call NMP NI 4

Project budget : 7.316.235 €

Multitel budget : 344.679 €

The objective of INTELTEX is to develop a radically new approach to obtain intelligent textiles combining mechanical stresses measurements, thermal sensitivity and detection of chemicals (toxic volatile solvents...). This multi-sensitivity will be ensured by the integration in textile fibers of Conductive Polymer Composite, a material whose electrical conductivity changes depending on external stresses such as temperature, strain and vapour atmosphere. This will allow the production of multi-reactive textiles where the complete textile acts as a sensor.

<http://www.inteltex.eu/>



WearIT@work / IP / 2004-2008 / FP6 call IST 2

Project budget: 23.683.309 €

Multitel budget : 857.500 €

This ambitious project will allow to provide the necessary tools for the "European Competent Knowledge Worker of the future", gain competitive advantages for the European industry, test the wearable computing concepts on tangible and practical applications and provide an open and standardized universal wearable platform using real world devices.

<http://www.wearitatwork.com>



SABIO / STReP / 2006-2009 / FP6 call IST 4

Project budget : 3.667.920 €

Multitel budget : 435.000 €

SABIO is a multidisciplinary project involving the emerging fields of micro-nanotechnology, photonics, fluidics and biochemistry, targeting to contribute to the development of intelligent diagnosis for the health care of the future. The ultimate objective of the project is demonstrating the fast diagnostics 'outside' laboratory settings.

<http://www.ist-sabio.org>

COMPLETED PROJECTS



OPEN INTERFACE / STReP / 2006-2009 / FP6 call IST 5

Project budget : 3.955.487 €

Multitel budget : 496.914 €

The aim of OpenInterface is to design and develop an open source platform for the rapid development of multimodal interactive systems as a central tool for an iterative user-centred design process. The platform will be based on the SIMILAR OpenInterface initiative.

<http://www.openinterface.org>



CARETAKER / STReP / 2006 - 2008 / FP6 call IST 4

Project budget : 4.530.047 €

Multitel budget : 725.355 €

This project mainly aims at studying techniques allowing the automatic extraction of semantic metadata from multimedia supports and to exploit that information by evaluating it in a real test case, while exploring the added-value of this technology for real users.

<http://www.ist-caretaker.org>



SELCAT / CA / 2006-2008 / FP6 call Transport 4

Project budget : 850.000 €

Multitel budget : 24.199 €

The main objective of SELCAT is to improve security at road-rail level crossings, through coordination activities such as study of impact of new technologies, constitution of accident databases, overview of planned research and constitution of a level crossing-related knowledge base.

<http://www.levelcrossing.net>



HUMABIO / STReP / 2006-2008 / FP6 call IST 4

Project budget : 4.116.500 €

Multitel budget : 314.714 €

Improvement of security in information sensitive environ-

ments, more specifically in the industrial world, by means of new types biometric describing the person's internal rather than external physiology.

<http://www.humabio-eu.org>



BIO3R / SSA / 2006-2009 / PASR 2006

Project budget : 642.067 €

Multitel budget : 18.641 €

The goal of BIO3R (Bioterrorism Resilience, Research, Reaction) is to assess the operational responses needed to improve the preparedness and resilience of the EU society and citizens, to reinforce the EU capabilities in the case of a bioterrorist event. Therefore, BIO3R will study various scenarios.

<http://www.bio3r.net>



ALLADIN / STReP / 2004-2006 / FP6 call IST 1

Project budget : 4.037.847 €

Multitel budget : 314.000 €

Development of a user-friendly natural language-based decision support software for neuro-rehabilitation; particularly in stroke cases.

<http://www.alladin-ehealth.org>



DIVINES / STReP / 2004-2007 / FP6 call IST 1

Multitel Coordinator

Project budget : 3.632.545 €

Multitel budget : 828.891 €

Objective : reduce the gap between human and machine regarding automatic speech recognition.

<http://www.divines-project.org>



e-PhoTOn ONE+ / NoE / 2006-2009 / FP6 call IST 4

Project budget : 3.750.000 €

Multitel budget : 82.927 €

Objective : focus on the rich know-how available in Europe and its integration into optical communication and networks by gathering both universities and research departments of major telecom manufacturers and operators.

<http://www.e-photon-one.org>