

EU-FUNDED RESEARCH AND DEVELOPMENT PROJECTS ON RFID

Date: 28/11/2007

6th Framework Programme (2002-2006) – 27 projects

AMI-4-SME	
Ambient Intelligence Technology for System Innovation in Manufacturing SME's	
Start date: 2005-10-11	End date: 2008-09-30
Duration: 36 months	Project Reference: 017120
Project cost: 3,435,028 EURO	Project Funding: 1,350,000 EURO
Programme Acronym: FP6-IST/NMP	Programme type: FP 6 / STREP
Contact: Dr. Uwe KIRCHHOFF Tel: +49-421-220920 Fax: +49-421-2209210 email: Kirchhoff@atb-bremen.de	ATB Institut für angewandte Systemtechnik Bremen GmbH Wiener Str. 1 D-28359 Bremen Germany
Description: Ambient intelligent technologies in industrial working environments	

BRIDGE	
Building Radio frequency Identification solutions for the Global Environment	
Start date: 2006-07-01	End date: 2009-06-30
Duration: 36 months	Project Reference: 033546
Project cost: 14,314,436 EURO	Project Funding: 7,513,717 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / IP
Contact: Henri BARTHEL Tel.: +32 2 788 7823 Mobile: +32 495 52 9444 Fax: +32 2 788 7899 Email: henri.barthel@gs1.org	GS1 Blue Tower Av. Louise B-1000 Brussel Belgium
Description: Implementation of RFID and EPCglobal standard solutions in Europe in various sectors. Research, development, and implementation of tools to enable the deployment of EPCglobal applications in Europe.	

CE-RFID	
Coordinating European Efforts for Promoting the European RFID Value Chain	
Start date: 2006-04-01	End date: 2009-03-31
Duration: 36 months	Project Reference: 035113
Project cost: 1,259,640 EURO	Project Funding: 1,271,463 EURO
Programme Acronym: FP6-IST/NMP	Programme type: FP 6 / CA
Contact: Dr. Gerd WOLFRAM Tel.: +49 2119694902110 Fax: + 492119694902110 Email: wolfram@mgi.de	MGI METRO Group Information Technology GmbH Metro-Strasse 12 D-40235 Dusseldorf Germany

Description: Development of European approach in formulating and enforcing RFID standards especially the harmonisation of frequencies and the standardisation of the communication protocols and data formats.

CHINOS

Container Handling in Intermodal Nodes - Optimal and Secure

Start date: 2006-10-01	End date: 2009-03-31
Duration: 30 months	Project Reference: 31418
Project cost: 2,600,000 EURO	Project Funding: 1,500,000 EURO
Programme Acronym: FP6-SUSTDEV	Programme type: FP 6 / STREP
Contact:	

Description: Inter-modal container transportation (e-Seals) and terminal operators in handling challenges such as the continuous increase in cargo volumes and the need for higher security in the transportation chain by means of RFID and automatic documentation of damage and tampering.

CoBIs

Collaborative Business Items

Start date: 2004-08-1	End date: 2007-01-30
Duration: 30 months	Project Reference: 004270
Project cost: 4,730,000 EURO	Project Funding: 3,000,000 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / STREP
Contact: Stephan HALLER Tel. +49 721 69 02 39 Fax. +49 721 69 02 16 Email: stephan.haller@sap.com	SAP Aktiengesellschaft Systeme, Anwendungen, Produkte In Der Datenverarbeitung Neurottstrasse 16 69190 Walldorf Germany

Description: New approach to business processes involving physical entities such as goods and tools in enterprise environments. The aim is to embed business logic in the physical entities to create Collaborative Business Items (smart RFID tags working in teams) that make it possible to relate more closely the state of an enterprise as represented in a business process with what is actually happening in the real world.

CONCLORE

Controlled Closed Loop Recycling for Life-Cycle Optimised Industrial Production

Start date: 2005-03-01	End date: 2007-08-31
Duration: 36 months	Project Reference: 013871
Project cost: 3,300,000 EURO	Project Funding: 2,000,000 EURO
Programme Acronym: FP6-NMP	Programme type: FP 6 / STREP
Contact: Rita BURKERT Tel.: +49 421 218-56 38 Email: bur@biba.uni-bremen.de	Bremer Institut für Betriebstechnik und angewandte Arbeitswissenschaft an der Universität Bremen Hochschulring 20 D-28359 Bremen Germany

Description: Controlled Closed Loop Recycling for Life-Cycle Optimised Industrial Production in car manufacturing using Product Embedded Identification (PEID).

DYNAMITE

Dynamic Decisions in Maintenance

Start date: 2005-09-01

End date: 2009-03-31

Duration: 42 months

Project Reference: 17498

Project cost: 6,102,916 EURO

Project Funding: 3,715,787 EURO

Programme Acronym: FP6-IST

Programme type: FP 6 / STREP

Contact: Kenneth HOLMBERG

Valtion Teknillinen Tutkimuskeskus (Vtt)

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Vtt Industrial Systems

Fax: +358-2-07227077

Metallimiehenkuja 6 Po Box 02044

Email: Kenneth.Holmberg@vtt.fi

02044 Vtt Espoo

Finland

Description: Monitoring of machines and processes for predictive maintenance and control is crucial for sustainable and competitive industry in Europe. DYNAMITE will create an infrastructure for mobile monitoring technology and create new devices that will make major advances in capability for decision systems incorporating sensors and algorithms.

EMF-NET

Effects of the Exposure to Electromagnetic Fields: From Science to Public Health

Start date: 2004-03-01

End date: 2008-02-29

Duration: 48 months

Project Reference: 502173

Project cost: 2,280,194 EURO

Project Funding: 1,534,994 EURO

Programme Acronym: FP6-POLICIES

Programme type: FP 6 / CA

Contact:

Description: The action aims to improve the understanding and the coordination of the results of the research activities related to the biological effects of electromagnetic fields, including the field invoked by RFID devices, considering also any potential carcinogenic risk linked with exposure to extremely low frequency fields.

FLEXIDIS

Flexible Displays

Start date: 2004-10-01

End date: 2007-09-30

Duration: 36 months

Project Reference: 04354

Project cost: 26,014,696 EURO

Project Funding: 14,320,000 EURO

Programme Acronym: FP6-IST

Programme type: FP 6 / IP

Contact: Eliav HASKAL

Philips Electronics Nederland B.V.

Email: eliav.haskal@philips.com

Boschdijk 525 Postbus 90050

5621 Jg Eindhoven

Netherlands

Description: Realization of flexible active-matrix displays as its primary goal. The aim of this project is to coordinate a balance of experimental, numerical and demonstrator vehicle development for identifying and researching the main issues for flexible displays.

INDISPUTABLE KEY

Intelligent Distributed Process Utilisation and Blazing Environmental Key

Start date: 2006-10-01	End date: 2009-09-30
Duration: 36 months	Project Reference: 034732
Project cost: 12,165,297 EURO	Project Funding: 7,717,618 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / IP
Contact: Dr. Richard UUSIJÄRVI Tel.: +46 33 176222 Fax: +46 87621801 Email: Richard.uusijarvi@sp.se	SP Sveriges Provnings – Och Forsningsinstitut Aktiebolag Brinellgatan 4 PO BOX 857 SW-50118 Boras Sweden
Description: Development of systems based on Individual Associated Data (IAD) concept for automated tracking of data along the forest-wood chain involving RFID-transponders and cellular phones	

MIMOSA

Microsystems Platform for Mobile Services and Applications

Start date: 2004-01-01	End date: 2006-06-30
Duration: 30 months	Project Reference: 507045
Project cost: 23,170,228 EURO	Project Funding: 9,995,497 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / IP
Contact: Pascal ANCEY Tel.: +33 (0)4 76 92 56 70 Fax: +33 (0)4 76 92 50 71 Email: pancey@st.com	STMicroelectronics 850 rue Jean Monnet 38926 Crolles cedex France
Description: Economic Aspects, Innovation, Technology Transfer, Electronics, Microelectronics, Information, Media, Information Processing, Information Systems, Social Aspects	

MINAMI

Micro-Nano Integrated Platform for Transverse Ambient Intelligence Applications

Start date: 2006-10-01	End date: 2009-09-30
Duration: 36 months	Project Reference: 034690
Project cost: 21,361,627 EURO	Project Funding: 11,275,349 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / IP
Contact: Danielle Thomas Email: danielle.thomas@st.com	STMicroelectronics SA 29 Boulevard Romain Rolland 92120 Montrogue France
Description: Aml applications where personal mobile devices act as a gateway to Aml. MINAml develops tools, methodologies and an open platform and implement these advanced technologies into real devices/systems in demonstrators.	

OPTAG

Improving Airport Efficiency, Security and Passenger Flow by Enhanced Passenger Monitoring Using Tracking and Imaging Technologies

Start date: 2004-02-01

End date: 2007-02-01

Duration: 36 months

Project Reference: 502858

Project cost: 2,212,971 EURO

Project Funding: 1,647,928 EURO

Programme Acronym: FP6-AEROSPACE

Programme type: FP 6 / STREP

Contact: Colin BROOKS

Tel.: +44 (0)1285 888203

Fax: +44(0)1285 888190

Email: colinb@innovision-group.com

Innovision Research & Technology plc

33 Sheep Street

Cirencester Glos

GL7 1RQ

United Kingdom

Description: Improving airport efficiency, security and passenger flow by enhanced passenger monitoring using tracking and imaging technologies.

PABADIS' PROMISE

PABADIS based product oriented manufacturing systems for re-configurable enterprises

Start date: 2005-09-01

End date: 2008-08-30

Duration: 36 months

Project Reference: 016649

Project cost: 5,127,928 EURO

Project Funding: 2,350,000 EURO

Programme Acronym: FP6-IST/NMP

Programme type: FP 6 / STREP

Contact: Arndt LUEDER

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Email: arndt.lueder@masch-bau.uni-magdeburg.de

Otto-von-Guericke University of Magdeburg

Institute for Ergonomics, Manufacturing

Systems, And Automat

Universitaetsplatz 2 Postfach 4120

39106 Magdeburg

Germany

Description: Manufacturing execution system, agent on RFID stored in smart tags

POLYAPPLY

The Application of Polymer Electronics to Ambient Intelligence

Start date: 2004-01-01

End date: 2007-12-31

Duration: 48 months

Project Reference: 507143

Project cost: 23,000,000 EURO

Project Funding: 12,000,000 EURO

Programme Acronym: FP6-NMP

Programme type: FP 6 / IP

Contact: Dr. Salvatore COFFA

Tel.: +39 095 740 7353

Fax : +39 039 603 6315

Email: salvo.coffa@st.com

Stmicroelectronics S.R.L.

Corporate Randd

Stradale Primosole

95121 Catania

Italy

Description: Polymer RFID technology, RFID demonstrator, in-line compatible manufacturing processes for high-performance active and passive electronic components required for an intelligent label system

PRIME

Privacy and Identity Management for Europe

Start date: 2004-03-01

End date: 2008-02-28

Duration: 48

Project Reference: 507591

Project cost: 13,144,632 EURO

Project Funding: 10,052,355 EURO

Programme: FP6-IST

Programme type: FP 6 / IP

Contact: Eric GODERNIAUX

Tel: +32-2-2252828

Fax: +32-2-7254117

Email: contact@prime-project.eu

IBM Business Consulting Services

Woluwe Garden

Woluwedal 22

B-1932 St-Stevens-Woluwe

Belgium

Description: RFID based application prototype on business processes for pre-travel and airport identity checks, link between pseudonyms of persons and object identifiers (RFID tags) while ensuring security and privacy in order to allow security controls in different zones of an airport while maintaining passenger flow and comfort.

PROMISE

Product oriented manufacturing systems including RFID technology

Start date: 2005-11-01

End date: 2009-04-30

Duration: 42 months

Project Reference: 507100

Project cost: 15,000,000 EURO

Project Funding: 8,000,000 EURO

Programme Acronym: FP6-IST

Programme type: FP 6 / IP

Contact: Asbjorn ROLSTADAS

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Fax: +47-73597017

Email: Asbjorn.Rolstadas@ntnu.no

Sintef - Stiftelsen For Industriell Og Teknisk

Forskning Ved Norges Tekniske Høgskole

Sintef Industrial Management

S. P. Andersensvei 5

No-7465 Trondheim

Norway

Description: Product lifecycle, product information tracking and flow management system

SEAFOODplus

Health promoting, safe seafood of high eating quality in a consumer driven fork-to-farm concept

Start date: 2004-01-01

End date: 2008-12-31

Duration: 60 months

Project Reference: 506359

Project cost: 23,310,000 EURO

Project Funding: 14,400,000 EURO

Programme Acronym: FP6-FOOD

Programme type: FP 6 / IP

Contact: Prof. Torger B. RRESEN

Tel: +45-45883322

Fax: +45-45884774

DANMARKS FISKERIUNDERSOEGELSER

DEPARTMENT OF INLAND FISHERIES

DEPARTMENT OF SEAFOOD RESEARCH

Jaegersborgvej 64-66

DENMARK

Description: seafood traceability from the consumer to its origins ('fork to farm')

SECONDD	
SECure CONtainer Data Device	
Start date: early 2006	End date: 2007
Duration: 12 months	Project Reference: PASR-SA-105100
Project cost: 533,000 EURO	Project Funding: 400,000 EURO
Programme Acronym: PASR 2005	Programme type: SA
Contact: Michael NAYLOR Tel: +44 118 9238229 Fax: +44 118 923 8399 E-mail: mike.naylor@thalesgroup.com	Thales Research and Technology Ltd Worton Drive Worton Grange Business Park Reading Berkshire RG2 0SB UK
Description: e-seals; initiation of the international standardisation of the technical interface between a secure container or vehicle, and a data reader at a port or border crossing. Project is co-financed under the Preparatory Action in the field of Security Research programme.	

SMART	
Intelligent Integration of Supply Chain Processes	
Start date: 4 th quarter 2006	End date: TBD
Duration: 36 months	Project Reference: 034957
Project cost: 2,561,731 EURO	Project Funding: 1,696,611 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / STREP
Contact: Dr. Antonios RAMFOS Tel.: +32 2106876482 Fax: +32 2106876478 Email: antonis.ramfos@intrasoft-intl.com	Intrasoft International SA Rue Montoyer 40 B-1000 Brussels Belgium
Description: Enabling of innovative supply chain collaboration processes and consumer value management exploiting the possibility for unique product identification across the supply chain.	

SMMART	
System for Mobile Maintenance Accessible in Real Time	
Start date: 2005-11-01	End date: 2008-10-31
Duration: 36	Project Reference: 016726
Project cost: 68,327,893 EURO	Project Funding: 20,700,000 EURO
Programme Acronym: FP6-IST/NMP	Programme type: FP 6 / IP
Contact: Jean-Louis BOUCON Phone: +33 (0)5 59 12 51 10 Email: jean-louis.boucon@turbomeca.fr	TURBOMECA Tarnos 40220 France
Description: product engineering, manufacturing and maintenance system development, smart tags capable of operating and communicating wirelessly in the harsh environment of a vehicles propulsion unit to monitor the usage and maintenance data throughout the life-cycle	

STOLPAN	
Store Logistics and Payment with NFC	
Start date: 2006-07-01	End date: 2009-06-30
Duration: 36 months	Project Reference: 033591
Project cost: 8,670,195 EURO	Project Funding: 5,420,984 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / STREP
Contact: Andreas VILMOS Tel.: +36 12124321 Fax: +36 12121122 Email: vilmos@mail.datanet.hu	Safepay Systems Ltd. Kapás u. 11-15. H-1027 Budapest Hungary
Description: Secure, reliable, bi-directional interaction between NFC (Near Field Communication) and wireless communication channels in the retail logistical value chain, using permanent and temporary EPC information.	

STOP	
Developing Ambient Intelligence and Efficient Authentication of Products	
Start date: 4 th quarter 2006	End date: TBD
Duration: 30 months	Project Reference: 034144
Project cost: 4,902,025 EURO	Project Funding: 2,787,150 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / STREP
Contact: Dr. Zoltan NOCHTA Tel.: +49 721690269 Fax: +49721696816 Email: zoltan.nochta@sap.com	SAP Research CEC Karlsruhe Vincenz-Priessnitz-St 1 D-76131 Karlsruhe Germany
Description: Focused and comprehensive initiative with the aim of developing ambient intelligence-based and network-oriented systems for the secure and efficient authentication of products at any stage of their lifecycle.	

TRACE	
Tracing Food Commodities in Europe	
Start date: 2005-01-01	End date: 2009-12-31
Duration: 60 months	Project Reference: 6942
Project cost: 19,560,000 EURO	Project Funding: 12,200,000 EURO
Programme Acronym: FP6-FOOD	Programme type: FP6 / IP
Contact: Paul BRERETON Tel: +44-1904462545 Fax: +44-1904462133 e-mail: trace.enquiries@trace.eu.org	The Department For Environment, Food And Rural Affairs Central Science Laboratory/Food Safety And Quality 17 Smith Square United Kingdom
Description: developing and demonstrating 'good traceability practice' in food traceability systems (focus on mineral water, cereals, honey, meat and chicken).	

Traceability of livestock	
Start date: 2003-10-22	End date:
Duration:	Project Reference: 1122
Project cost:	Project Funding:
Programme Acronym: FP6 JRC	Programme type: FP 6
Contact: Andre POU CET Tel.: +39 0332 78 62 32 Fax: +39 0332 78 51 45 e-mail: Andre.Poucet@jrc.it	Institute for the Protection and Security of the Citizen Via E. Fermi 1 I-21020 Ispra Italy
Description: Improvement of individual animal control by unique identification of each animal during its entire life by the application of an electronic identifier. A passive radio frequency based transponder (electronic identifier) allows a reliable reading of the animal's identity and provides a useful method for livestock recording and control.	

TRASER	
Identity based tracking and Web services for SME's	
Start date: 2006-06-01	End date: 2009-05-30
Duration: 36 months	Project Reference: 033512
Project cost: 2,470,295 EURO	Project Funding: 2,013942 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / STREP
Contact: Elisabeth LLIE-ZUDOR Tel.: +36 1 2796231 Fax: +36 1 4667503 Email: ilie@sztaki.hu	MTA SZTAKI Kende u. 13-17 HU-1111 Budapest Hungary
Description: Innovative ICT-enabled web-services and logistics solutions for changing environments, such as supply chains, service operations and project delivery networks, using electronic identity of products and product representations to identity specific tracking and related web services.	

U-2010	
Ubiquitous IP-centric Government and Enterprise Next Generation Networks – Vision 2010	
Start date: 2006-05-01	End date: 2009-04-30
Duration: 36 months	Project Reference: 035003
Project cost: 6,490,000 EURO	Project Funding: 4,150,000 EURO
Programme Acronym: FP6-IST	Programme type: FP 6 / IP
Contact: Prof. Dr. Thomas ENGEL Tel: +353420101263 Fax: +352432124 Email: thomas.engel@uni.lu	Universite Du Luxembourg Avenue De La Faiencerie 162 A Po Box 000 1511 Luxembourg-Ville Luxembourg
Description: provide the most capable means of communication and the most effective access to information to everybody required to act in case of accident, incident, catastrophe or crisis, while using existing or future telecommunication infrastructures.	

5th Framework Programme (1998-2002) – 17 projects

AMBIENT AGORAS	
Start date: 2001-01-01	End date: 2003-12-31
Duration: 36 months	Project Reference: IST-2000-25134
Project cost: 3278003 EURO	Project Funding: 1639000 EURO
Programme Acronym: IST	Programme type: FP 5
Description: Innovation, Technology Transfer, Electronics, Microelectronics, Information Processing, Information Systems, Legislation, Regulations, Policies, Telecommunications, providing situated services, place-relevant information, and feeling of the place ('genius loci') to users	

GRO CER	
Start date: 2001-02-01	End date: 2004-01-31
Duration: 36 months	Project Reference: IST-2000-26163
Project cost: 2225267 EURO	Project Funding: 1361000 EURO
Programme Acronym: IST	Programme type: FP 5
Subprogramme Area: P1: The disappearing computer	Contract type: Cost-sharing contracts
Description: Innovation, Technology Transfer, Electronics, Microelectronics, Information Processing, Information Systems, Legislation, Regulations, Policies, embedded location-based artefacts in real-world objects such as cereal boxes in grocery stores and a wireless architecture and application server system	

IBOS	
Start date: 2002-07-01	End date: 2003-12-31
Duration: 18 months	Project Reference: IST-2001-37707
Project cost: 1176245 EURO	Project Funding: 903020 EURO
Programme Acronym: IST	Programme type: FP 5
Subprogramme Area: Systems for mobility: take up and clustering activities	Contract type: Thematic network contracts
Description: Economic Aspects, Electronics, Microelectronics, Information Processing, Information Systems, Legislation, Regulations, Policies, Transport, Info-Box System (IBoS) to improve logistics and to increase transparency of information in the logistic chain of perishable goods such as meat products	

IDEA	
Start date:	End date: 2002-04-30
Duration:	Project Reference: 68
Project cost:	Project Funding:
Description: Agriculture, Environmental Protection, Resources of the Sea, Fisheries, Information Processing, Information Systems	

Inductively powered universal telemetry systems	
Start date: 2001-08-31	End date: 2002-04-29
Duration: 8 months	Project Reference: G6ST-CT-2001-00295
Project cost: 30,000 EURO	Project Funding: 22,000 EURO
Programme Acronym: GROWTH	Programme type: FP 5
Description: Measurement Methods, Reference Materials, the technology developed for radio frequency identification (RFID) with inductive telemetry and will develop a new class of wireless sensors that will be utilised in industry to perform continuous monitoring	

I-PROVED	
Start date: 2002-03-01	End date: 2003-08-31
Duration: 18 months	Project Reference: IST-2001-33332
Project cost: 1,960,000 EURO	Project Funding: 1,150,000 EURO
Programme Acronym:	Programme type: FP 5
Description: Information Processing, Information Systems; Innovation, Technology Transfer	

LAUREL	
Start date: 2001-01-01	End date: 2002-06-30
Duration: 18 months	Project Reference: IST-2000-26199
Project cost: 2,100,004 EURO	Project Funding: 1,050,000 EURO
Programme Acronym: IST	Programme type: FP 5
Subprogramme Area: CPA5: Smart cards	Contract type: Cost-sharing contracts
Description: Innovation, Technology Transfer, Information Processing, Information Systems, RF ID tag system with multi-read capability and very small read/write RF tags	

MAMA	
Start date: 2001-12-01	End date: 2003-05-31
Duration: 18 months	Project Reference: IST-2001-33222
Project cost: 365,518 EURO	Project Funding: 215,000 EURO
Subprogramme Area:	Contract type: STREP
Description: contactless radio frequency identification	

MYGROCER	
Start date: 2001-01-01	End date: 2002-08-31
Duration: 20 months	Project Reference: IST-2000-26239
Project cost: 3390859 EURO	Project Funding: 2060775 EURO
Programme Acronym: IST	Programme type: FP 5
Description: Economic Aspects, Information Processing, Information Systems, introduce advanced B2C oriented E-services upon intelligent mobile access devices, enabling full interactivity, personalisation and automation of home replenishment activities	

OSCAFET	
Start date: 2001-03-01	End date: 2004-03-01
Duration: 36 months	Project Reference: G5TR-CT-2000-00036
Project cost: 169,344 EURO	Project Funding: 169,344 EURO
Programme Acronym: GROWTH	Programme type: FP 5
Description: Industrial Manufacture, Materials Technology, Design, synthesis and evaluation of novel organic semiconductors with high hole and electron mobilities for use in electronic devices such as RF tags and smart cards	

PALOMAR	
Start date: 2000-01-01	End date: 2002-10-31
Duration: 34 months	Project Reference: IST-1999-10339
Project cost: 5,529,045 EURO	Project Funding: 2,576,852 EURO
Programme Acronym: IST	Programme type: FP 5
Description: Innovation, Technology Transfer, Electronics, Microelectronics, Information Processing, Information Systems, cost effective long-range passive RFID system solution for worldwide use, especially under existing EU radio limitations	

PARCELCALL	
Start date: 2000-01-01	End date: 2001-12-31
Duration: 24 months	Project Reference: IST-1999-10700
Project cost: 4,320,608 EURO	Project Funding: 2,504,414 EURO
Programme Acronym: IST	Programme type: FP 5
Description: Economic Aspects, Information Processing, Information Systems, Transport , open architecture for intelligent tracking and tracing in transport and logistics	

REFLEX	
Start date: 2000-02-01	End date: 2004-05-31
Duration: 52 months	Project Reference: QLK4-CT-1999-01574
Project cost: 3,275,087 EURO	Project Funding: 2,059,450 EURO
Programme Acronym: LIFE QUALITY	Programme type: FP 5
Description: The results of this joint project, which will investigate molecular and functional responses of living cells to emfs in vitro, are needed urgently for molecular epidemiological studies, which are probably the only path to a reliable risk estimate for possible effects of emfs on human health.	

RFID-PACK	
Start date: 2001-09-26	End date: 2002-04-25
Duration: 7 months	Project Reference: G5ST-CT-2001-00331
Project cost: 28,550 EURO	Project Funding: 21,412 EURO
Programme Acronym: GROWTH	Programme type: FP 5

Description: Industrial Manufacture, Materials Technology, low cost automatic RFID system for integration in plastic packaging

SERPHO

Start date: 2000-09-01

End date: 2003-08-31

Duration: 36 months

Project Reference: G1RD-CT-2000-00194

Project cost: 2,389,927 EURO

Project Funding: 1,254,828 EURO

Programme Acronym: GROWTH

Programme type: FP 5

Description: Environmental Protection, Economic Aspects, Innovation, Technology Transfer, Industrial Manufacture, Safety, is to build a rechargeable photovoltaic battery coupled system adapted to small smart objects

TRITON

Start date: 2000-10-01

End date: 2001-07-31

Duration: 10 months

Project Reference: IST-1999-20814

Project cost: 262,025 EURO

Project Funding: 144,950 EURO

Programme Acronym: IST

Programme type: FP 5

Description: Innovation, Technology Transfer, Information Processing, Information Systems, Trial Application in a real production environment (cleaning products manufacturing) using the TagFlow system

WEBKIT

Start date: 2002-03-01

End date: 2004-02-29

Duration: 24 months

Project Reference: IST-2001-34171

Project cost: 3,437,049 EURO

Project Funding: 2,058,965 EURO

Programme Acronym: IST

Programme type: FP 5

Description: Innovation, Technology Transfer, Electronics, Microelectronics, Information Processing, Information Systems, Legislation, Regulations, Policies, Social Aspects, Tangible User Interface (TUI) for navigating the WWW

4th Framework Programme (1994-1998) – 1 project

STEP-NC	
Start date: 1999-01-01	End date: 2001-12-31
Duration:	Project Reference: 29708
Project cost: 5,399,613 EURO	Project Funding: 1,999,597 EURO
Programme Acronym: ESPRIT 4	Programme type: FP 4