



**FP7-ICT-SEC-2007.1.7**

Specific Targeted Research Project

225353

MICIE

Tool for systemic risk analysis and secure mediation of data  
exchanged across linked CI information infrastructures

**PERIODIC MANAGEMENT REPORT**

Second Reporting Period

*D1.2.2 – First Periodic Management Report*

Period covered: **from 01/07/2009 to 30/04/2010**

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# 1 JUSTIFICATION OF MAJOR COST ITEMS AND RESOURCES

## 1.1 Brief Description of Work Performed by each Contractor

Partner	WP No.	Description of task	p/m
<b>SCOM</b>	1	<i>Project Management</i> – Coordination of administrative and financial matter; Coordination of Internal Consortium Meetings; Management Information among EC and Partners. Monitoring of project activities. Financial Distribution	8.0
	2		
	3		
	4	Contribution on requirements identification and refinement of the requirements previously identified and reported in D4.1.1, with specific attention to the Secure Mediation Gateway and the ICT system interconnecting several Secure Mediation gateways. Detailed design of the logical architecture of the Secure Mediation Gateway including <ul style="list-style-type: none"> <li>• revision of the use cases,</li> <li>• definition of the functionalities and their assembly into logical entities,</li> <li>• definition of interactions among entities</li> <li>• definition of the activity diagrams</li> <li>• definition of the main interfaces at logical level,</li> <li>• definition of the database logical scheme.</li> </ul>	5
	5	The Software Design of the SMGW has been started. At this aim the structured O.M.G. methodology and the corresponding U.M.L. 2.0 tools has been adopted. Thus, as first step, starting from the logical architecture defined in task 4003, the preliminary design of the deployment architecture has been performed. In addition to modules and applications that constitute the security technology stack, and to the Adaptor and PT interfaces, the following entities and macroentities that implement SMGW specific have been analyzed and designed <i>Data/Metadata DB management</i> <i>Auditing engine</i> <i>Information discovery engine</i> <i>SMGW Web Service client</i> <i>MICIE Services Register</i> <i>Communication Engine</i> <i>WS-Security</i> <i>Firewall &amp; Intrusion Detection System</i> <i>SMGW manager</i> <i>Prediction Tool Interface</i>	12
	6	The implementation and integration of the demonstrator has been started.	1.8

Partner	WP No.	Description of task	p/m
		<p>Priority has been given to the following basic functionalities, realized and tested during the present reporting period:</p> <ul style="list-style-type: none"> <li>• The <i>Metadata Publisher daemon</i></li> <li>• The <i>MetadataPublisherService Web Service</i></li> <li>• The <i>PredictionPublisher Web Service</i></li> </ul> <p>For test purposes, the remaining functions, including those related to <i>Administration, Operation &amp; Maintenance, Access control &amp; Security framework, Auditing engine, Subscription &amp; Security Policy Manager, SMGW Data/Metadata DB Management</i> have been temporarily implemented by direct editing of XML files and Database contents.</p> <p>Since the deployment architecture adopts the Apache foundation open source technological stack for Web Services, the Linux operating system has been selected as first target platform.</p>	
	7	Contribution to the preparation of papers and workshops	0.5
	<b>Total</b>		<b>27.3</b>
CRPHT	1	N/A	
	2	<p>Contribution to</p> <ul style="list-style-type: none"> <li>• <i>D2.2.2 Interdependency modelling framework, indicators and models - second interim report</i> – in which we have improved our security model towards a risk-based approach of real time security monitoring of Interdependent Services in CI. Using this model, we have modelled the FISR service which is a part of the reference scenario described in the D2.1.1</li> </ul>	0.3
	3	In this work package, the CRP Henri Tudor has continued to work on the refinement of the different components (taxonomy of the assurance level, security metrics, etc.) of the risk-based methodology. This work will be a contribution to the D3.2.2	2
	4	<p>Contribution to</p> <ul style="list-style-type: none"> <li>• <i>D4.1.2 MICIE ICT system requirements – final version</i> in which we have contributed to the elicitation of the secure mediation gateway requirements based on the security objectives described in the D4.1.1.</li> <li>• <i>D4.2.1 Secure mediation gateway architecture preliminary version</i> in which we have contributed to the elaboration of the specification of the use cases of the smgw, the definition of the architecture (interfaces, etc.). we have also contribute to the description of secure communication support.</li> </ul>	5.1
	5	In this workpackage, CRP Henri Tudor has started to study the different technical frameworks based on the requirements defined in the WP4000.	1.1
	6		
	7	<p>In this work package, CRP Henri Tudor has</p> <ul style="list-style-type: none"> <li>• Presented one paper to the Ares2010 conference (February, 15th – 18th 2010),</li> <li>• Begun the preparation of the M5 plenary meeting and the 2<sup>nd</sup> international Workshop (19-21 may 2010). This event is co-organized with Itrust.</li> <li>• Submitted successfully a paper to the ESREL 2010 conference (September 5-9, 2010)</li> <li>• Submitted successfully an article in the Ercim-News (n°81)</li> <li>• Published an article in the ITNATION2.0 paper (a Luxembourgish paper for IT professional) (March 2010)</li> </ul>	2.6
	<b>Total</b>		<b>11.0</b>
CRATI	1	N/A	

Partner	WP No.	Description of task	p/m
	2	<p>During the second reporting period CRAT continued the activity of BBN model design, starting from the modeling guidelines developed in D.2.2.1, scenarios and topology of the test network provided by the utility IEC. Starting from this premise, the construction of a static BBN model, constituted by the repetition, aggregation and refinement of the same basic BNs, was identified as the objective of the second reporting period. This new BN provides a unique description of a large portion of networks and services involved in the reference scenario. In particular it includes:</p> <ul style="list-style-type: none"> <li>- the MV feeders “Hanita” and “Zuriel”, characterized by 13 MV customers and several Remote Terminal Units, together with the related switches for grid reconfiguration purpose;</li> <li>- the SCADA centre and its telco devices;</li> </ul> <p>The model is able to evaluate the status of the following services:</p> <ol style="list-style-type: none"> <li>1) Power Supply to Final MV customers</li> <li>2) Remote Control of MV Disconnectors, being it the basis for more complex services such as <ul style="list-style-type: none"> <li>• FISR: Fault Isolation and Service Restoration</li> <li>• Load shedding for defending Power Generation Plants</li> </ul> </li> </ol> <p>First simulations of the models have been performed by using Genie simulation tool. The details of the work can be found in D2.2.2 “Interdependency modelling framework, indicators and models - intermediate report”.</p> <p>This static BBN model has to be considered as the intermediate model, by which obtaining the final model during the last period of the project; it will be a Dynamic Bayesian Network (DBN) built through the temporal repetition of the so called "time slice", identified as the static BBN model.</p>	3.3
	3	<p>Starting from the work done during the first reporting period that lead to the identification of the semantics and the ontology subset to be used to describe models implemented in the prediction tool, the work has been focused on the specific model that most probably will be used in the MICIE prediction tool prototype: the MHR model.</p> <p>In particular, a formal description of MHR model by means of Entity-Relations schemes has been realized. In particular, starting from the preliminary model defined during the first reporting period, the E-R diagram has been improved considering the new results coming from the modelling activities within the project. Thus, new entities have been included into the E-R scheme.</p> <p>Contribution to D3.2.1 “Common ontology and risk prediction algorithms – preliminary version”.</p>	2.8

Partner	WP No.	Description of task	p/m	
	4	<p>During all the reporting period, CRAT performed the coordination of all the activities performed within WP4000. As WP4000 leader, CRAT also had the role of editor (other than of contributor) of both deliverables D4.1.2 “MICIE ICT system requirements – final version” and D4.2.1 “SMGW architecture – preliminary version”, producing the ToC, integrating and harmonizing partners contributions.</p> <p>Starting from the requirements already identified during the first reporting period, further analysis and studies have been done in order to identify other missing requirements. In particular, CRAT effort was oriented to the identification of SMGW operational and forensic analysis support requirements.</p> <p>Starting from the ER-schema designed within WP3000, it has been translated into an OWL-schema, and an OWL instance for the Electric CI and the Telecommunication CI has been created.</p> <p>In addition, starting from the preliminary studies done during the first reporting period regarding the information discovery framework to be supported by the SMGW to allow a dynamic exchange of information among remote CIs, two different approaches have been investigated: the first one based on the UPnP/OpenVPN framework, the second one based on the use of Web Services. Also, a performance comparison has been realized setting up a local testbed.</p> <p>Starting from the preliminary results about the design of the SMGW architecture, a more detailed architecture has been developed in cooperation with other partners.</p>	10.5	
	5	<p>Implementation of a prototypal inter-SMGWs message exchange based on Apache MUSE and WS Notification, and also an implementation of a prototypal inter-SMGWs message exchange based on the UPnP/OpenVPN technology.</p> <p>In addition, in cooperation with other partners, CRAT also started the implementation of a WS based framework for the exchange of information among remote SMGWs, based on WSO2.</p>	1.8	
	6			
	7	<p>Contribution and submission, together with other partners, of 7 papers in international conferences.</p> <p>Participation to “Electricity 2009”, Tel Aviv, 3-4 November 2009.</p> <p>Participation to 1<sup>st</sup> MICIE industrial workshop, Haifa, 5 November 2009 and presentation of SMGW concepts.</p> <p>Contributions to D7.1.2 “Dissemination and Exploitation, Intermediate Report”.</p> <p>Teaching activities made during the courses provided at “Sapienza” University of Rome to both Master students and PhD students.</p>	2.6	
			<b>Total</b>	<b>21.2</b>
	ROMA3	1	N/A	
		2	Contribution to the analysis of the reference scenario and to the definition of interdependency models.	4.28
3		Definition of interdependency models and interdependency indicators. Implementation of the reference scenario within MHR models.	18.94	
4		Definition of prediction tool requirements, ontological representation of MHR model. Definition of an initial online test bed.	2.72	
5		Implementation of an initial online test bed composed of two interconnected prediction tool, without considering security aspects.	0.69	
6		N/A		
7		Various papers, including both journal and conference paper have been disseminated. Various other papers are currently under review.	0.66	
		<b>Total</b>	<b>27.31</b>	

Partner	WP No.	Description of task	p/m
ENE A	1	N/A	
	2	Demonstration of the full applicability of “reliability of interconnected networks” modelling approach to the information and data already provided by the current reference scenario. A full performance model of FISR service, an initial dependability model and worst case behaviour under attack have been dealt. A single heterogeneous network, composed by SCADA, Telco network and Power grid that support the service has been identified. Performance and dependability indicators of FISR service have been identified and demonstrative calculations have been provided. Comparison criteria of WP2000 modelling approaches have been provided with the aim to give hints to WP3000 in developing the on line risk prediction tool. Investigation of further aspects regarding new services and the enlargement of the reference scenarios is on going with the stakeholder.	8.0
	3	Interdependency models, performance and dependability indicators of QoS performed by the SCADA operator have been provided to feed the risk prediction requirements. Models of interconnected networks(SCADA system model, the Telecommunication Network model, the model of the power grid and their interconnections) providing FISR service, data and parameters have been provided. A set of bilateral meetings WP2200/WP3000 have been performed to fully understand and address WP3000 feedbacks to WP2000.	2.4
	4	ENE A has contributed to: -functional requirement of Risk prediction tool. Other than MHR approach, different/complementary approaches for the estimation of the interdependency among infrastructure has been proposed. - investigation of the relationship between input data to models within risk prediction tool and field data through the adaptor.	1.1
	5		
	6		
	7	Submission and presentation of papers in international conferences as reported in to D7.1.2 “Dissemination and Exploitation, Intermediate Report”. Participation and presentation of : - MICIE activities at “Electricity 2009” , Tel Aviv, 3-4 November 2009; - MICIE modeling activities at the 1 <sup>st</sup> MICIE industrial workshop, Haifa, 5 November 2009; Contributions to D7.1.2 “Dissemination and Exploitation, Intermediate Report”.	
<b>Total</b>			<b>12.6</b>
PIAP	1	N/A	
	2		
	3	Taking into consideration the operational requirements and user needs from the point of view of further integration of Adaptor with CI, the metadata aggregation module has been developed.	2.9
	4		
	5	The software design of scalable Adaptor for connection to the CI has been started. Preliminary version of the Electrical CI Adaptor (EA) with most important elements has been performed.	6.3
	6		
	7		
<b>Total</b>			<b>9.2</b>
IE C	1	N/A	0
	2		

Partner	WP No.	Description of task	p/m
	3		
	4	IEC contributes its final requirements to the interfaces between the demonstration system and SMGW. These requirements include: general requirements of the Adaptor which is proposed to connect CI's computer systems to SMGW, and specific requirements of the MICIE Adaptors. For the MICIE project, two specific Adaptors are proposed: Electrical Adaptor (EA) for connection between SCADA of the Electrical CI and SMGW and Communication adaptor (CA) for connection between NMS of the Communication CI and the SMGW.	0.2
	5	IEC provided the OPC interface to connect between Electrical CI Control systems called Wizcon and the MICIE mediation GW. IEC provided the MTOSI/CORBA interface to connect between the Communication CI Management systems called Lightsoft and the SMGW. The SCADA system WIZCON server version 8.2. This version has OPC server capability which means that a program runs under WINDOWS O/S has the privilege to access WIZCON database in real time by the standard OPC interface. The LightSoft , MTOSI is a standard interface allowing integration of Upper Level Management Systems (ULMS) and Network Management Systems (NMS) in an environment that requires inter-working between many different vendors, technologies, and systems.	2.9
	6	As a coordinator of the WP6000 activities IEC has issued the deliverable D6.1 "Demonstration plan". The document describes the validation policy and Demo system architecture, which will be installed at the IEC premises. IEC designed the concept of the Demo system architecture. The Demo System will integrate the MICIE system components, CI models, Working Procedures of the CI, CI Reference Scenarios and Validation Procedures IEC propose to install the simulation test bench (STB). The main purpose of the STB implementation is to connect the real equipment as it is connected in the field. In IEC the electrical distribution network is operated by the SCADA system installed at the District Control Centre. All the command and control operations are implemented via the RTUs (ICUs) installed on the MV poles or in the secondary substations. The data is transferred bi-directionally via radio channels. If there are some problems with the radio channel quality, the communication transmission network is used to transfer the data. In this case, the radio equipment is connected to the communication transmission network via store and forward equipment.	4.3
	7	IEC contributed to the article "From the Heterogeneous Modeling and Analysis to an on Line Prediction Tool to Improve QoS of Interdependent Networks" published at the Electricity 2009 Conference; hold on the 1-2Nov.2009 in Israel. <ul style="list-style-type: none"> <li>• IEC hosted the MICIE Management Meeting hold in Haifa on the 3-4Nov.2009</li> <li>• IEC organized the MICIE industry Workshop hold in Haifa on the 5Nov.2009.</li> </ul> The objective of the Workshop was the presentation of the technical solutions and models used in the on-line prediction tool of the MICIE to the End Users in the Energy, ICT and Control systems sectors, who gave their precious feedback to the project. More then 70 representatives from the SME, utility companies, High Technology Companies and Universities of the 6 countries took part in the Workshop. Height presentations from the MICIE project, industry and academy were presented during the Workshop day.	1.7
<b>Total</b>			<b>9.1</b>

Partner	WP No.	Description of task	p/m
ITRUST	1	N/A	
	2	ITRUST defined and proposed to other partners a method to perform a security model of composite CIs. This methodology has been based on a modelling at service layer level and on an extended notion of the dependability to qualify the QoS level of component of the model. Presently, the result has been included in an internal document sent to every partner. This methodology has also been presented in a research thesis performed in the framework of the Master in Management of Information Systems Security at Luxembourg University.	0
	3	Ittrust defined and proposed to other partners a risk analysis methodology to compute easily the risk level of each service included in composite CIs and able to be included in the Prediction Tool, which will have to be deployed in the MICIE Gateway. This analysis has been based on the ISO 27005 risk analysis framework, and on ISO 15408 methodological approach. The result has been included in an internal document sent to every partner, and has been presented in a research thesis at Luxembourg of University. Ittrust has proposed data format to describe risks to be shared among interconnected CI operators.	2,6
	4	ITRUST has developed a Proof of concept of web service for the MICIE gateway and presented the solution at the Haïfa meeting. Ittrust has also participated to the revision of the architecture of the MICIE Gateway according to his Proof of concept. ITRUST has redefined the protection profile of the SMGW gateway according to ISO 15408 for the communication between MICIE gateways. We first redefine the target of evaluation after training and advices from Mr. B. Krüger, Secretary of ISO/JTC1/SC27/WG3. And secondly, we define more deeply the protection profile, especially in providing the security functional requirements for the SMGW. (cf. Annexe D4.1.2) Ittrust also reviewed the requirements defined by the other partners.	6,9
	5		
	6		
	7	Ittrust performed a French presentation of the MICIE project with the Luxembourg national electricity distributor and the national supervision authority (HCPN). M. Aubigny (itrust) successfully defended his Master thesis on composite CIs risk assessment based on the MICIE project framework at the University of Luxembourg. Ittrust submitted through the LU delegation 13 comments on ISO 27010 based on the MICIE project developments; all have been accepted except one related to an alignment of the definition of CI, etc. with the EU Directive. Ittrust submitted a paper to the Fourth Annual IFIP WG 11.10 International Conference on Critical Infrastructure Protection, but it has not been accepted, and contributed to the paper titled “ <i>Critical Infrastructure's Information Sharing System</i> ” for IFIP CIP 2010 Conference and to the COMPENG 2010 MICIE paper. Ittrust started the preparation for an open Workshop to share ideas between our consortium, stakeholders, and other FP-7 projects.	1
	<b>Total</b>		
MULT	1	N/A	
	2	Deterministic agent-based simulation model development continued. The model includes now the ECI model with reasonably necessary granularity level and reproduces successfully the SCADA fault isolation and system restoration (FISR) process found in reference scenario. Test runs of the model show the feasibility of Quality of Service indicators calculation by the model while simulating the FISR process.	12.4
	3	Not participating	
	4	Not participating	

Partner	WP No.	Description of task	p/m
	5	Not participating	
	6	Activity not yet started for Multitel	
	7	Activity not yet started for Multitel	
	<b>Total</b>		<b>12.4</b>
FCTUC	1	N/A	
	2	FCTUC took part in the workpackage meetings and technical discussions, with the study of the reference scenario and service oriented approach for critical infrastructures. FCTUC also contributed to Deliverable D2.2.2 (Interdependency modelling framework and interdependency indicators and models – interim report), focusing on security and trust modeling topics.	0.8
	3	FCTUC studied solutions for the inclusion of a trust model in risk prediction algorithms; ontologies and methods to exchange data with the field and feed the interdependency on-line evaluator. FCTUC contributed to Deliverable D.3.2.1 (Common Ontology and Risk Prediction Algorithms - preliminary version), focused on the definition of a common ontology. FCTUC was also responsible for the Internal Quality Review of this Deliverable.	1.0
	4	FCTUC kept involved in the technical discussions leading to the definition of the general architecture of the SMGW, paying special attention to security, reliability and manageability (communication between SMGWs, security at service level, access control policies, meta-management of the SMGW, data integrity, redundancy at SMGW and communication levels, etc.). FCTUC has also proposed the adoption of trust and policy-based frameworks for device and service management. FCTUC made several contributions to D4.2.1 (Secure Mediation Gateway Architecture - preliminary version) and D.4.1.2 (MICIE ICT system requirements - final version). During this period FCTUC also prepared three papers (one of them co-authored with other MICIE partners) directly related to WP4000.	1.1
	5	FCTUC participated in the work package meetings and technical discussions, paying special attention to the software design activities directly related with its previous contributions to WP4000. In order to provide input to the Software Design process (and the technical discussions of WP2000, WP3000 and WP4000), FCTUC also developed two early proof-of-concept prototypes, one of them for Trust and Reputation Management and the other for Policy-Based Management.	2.6
	6	FCTUC participated in the work package meetings and technical discussions, contributing to the Demo system definition and the Demonstration Plan.	0.8

Partner	WP No.	Description of task	p/m
	7	<p>FCTUC coordinated WP7000 activities and developed the new version of the Project Web Portal, including its public section (with general information about the project and public technical documentation) and its intranet (private document repository, mailing lists, reporting tools, etc.). FCTUC was also in charge of the regular maintenance of this portal.</p> <p>FCTUC also assisted IEC in the organization of the 1st MICIE Workshop (Haifa, November 2009), and ITRUST and CPRHT in the organization of the 2nd MICIE Workshop (Luxembourg, May 2010).</p> <p>FCTUC established contacts with local industry potentially interested in the MICIE results and continued previous contacts with EDP S.A. (a large, international energy company) in order to integrate selected MICIE components in ongoing joint research. FCTUC also presented MICIE in the Innovation Forum on Security and Critical Infrastructure Protection (NET-SCIP).</p> <p>During this reporting period FCTUC has authored or co-authored 6 scientific papers. In the context of WP7000 coordination, FCTUC was also responsible for the edition of Deliverable D.7.2 (Dissemination and Exploitation intermediate report) and other activities fostering to disseminate MICIE results and opening the way for potential exploitation activities, such as the preparation of the proposals for MICIE demonstrations (ICT 2010 exhibit) and presentations (EUTC Annual Conference).</p>	
<b>Total</b>			<b>7.4</b>
<b>INBRAD</b>	1		
	2	Work on raw data modelling using statistics and Dynamic Bayesian Networks has been carried on.	1
	3	<p>An adaptable one-class SVM algorithm has been designed to analyze CIs' data and detect abnormal patterns. The raw data from a shifting window is fitted to a probability distribution. The characteristics of that distribution then provide a way to tune the one-class SVM parameter, which controls the maximum percentage of outliers in the dataset.</p> <p>Dynamic Bayesian Networks (DBNs) and their ability to learn patterns from data have been further investigated. The way chosen to refine the models has been to perform automatic structure learning based on the training set of data, using the Bayesian Information Criterion (BIC score). In addition, conventional approaches like support vector machines (SVM), artificial neural network (ANN) and hidden Markov models (HMM) were also investigated for comparison purpose.</p>	15.2
	4		
	5		
	6		
	7	Four papers have been prepared.	1.6
	<b>Total</b>		

## 1.2 Tabular Overview of Budgeted Cost and Actual Costs

See on Next Page (to be replaced by table for 2<sup>^</sup> period)

Cost Budget Follow-Up Table								
Contract No.: 033914		Project Acronym: MICIE				Date: 21/06/2010		
Partner Acronym	Type of Expenditure	Budget	Actual Costs (€)				% spent	Remaining Budget (€)
			Period 1	Period 2	Period 3	Total		
SCOM	Total person-month	48	1,40	27,30		28,70	59,8%	19,30
	RTD/Innovation	435.400,00	0,00	124.198,00		124.198,00	28,5%	311.202,00
	Demonstration	38.700,00	0,00			0,00	0,0%	38.700,00
	Management	250.320,00	14.365,00	63.629,00		77.994,00	31,2%	172.326,00
	Other costs		0,00			0,00	0,0%	0,00
	<b>Total Costs</b>	<b>724.420,00</b>	<b>14.365,00</b>	<b>187.827,00</b>	<b>0,00</b>	<b>202.192,00</b>	<b>27,9%</b>	<b>522.228,00</b>
CRPHT	Total person-month	26	7,30	10,98		18,29	70,3%	7,71
	RTD/Innovation	294.880,00	67.806,42	57.427,19		125.233,61	42,5%	169.646,39
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs					0,00	0,0%	0,00
	<b>Total Costs</b>	<b>294.880,00</b>	<b>67.806,42</b>	<b>57.427,19</b>	<b>0,00</b>	<b>125.233,61</b>	<b>42,5%</b>	<b>169.646,39</b>
CRAT	Total person-month	32	13,00	21,20		34,20	106,9%	-2,20
	RTD/Innovation	365.332,00	124.995,45	191.254,89		316.250,34	82,1%	69.081,66
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs					0,00	0,0%	0,00
	<b>Total Costs</b>	<b>365.332,00</b>	<b>124.995,45</b>	<b>191.254,89</b>	<b>0,00</b>	<b>316.250,34</b>	<b>82,1%</b>	<b>69.081,66</b>
ROMA3	Total person-month	59	20,12	27,32		47,44	80,4%	11,56
	RTD/Innovation	345.881,60	124.240,71	163.618,57		287.859,28	83,2%	58.022,32
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs	19.200,00				0,00	0,0%	19.200,00
	<b>Total Costs</b>	<b>365.081,60</b>	<b>124.240,71</b>	<b>163.618,57</b>	<b>0,00</b>	<b>287.859,28</b>	<b>78,8%</b>	<b>77.222,32</b>
ENEA	Total person-month	35	12,00	12,60		24,60	70,3%	10,40
	RTD/Innovation	397.665,00	129.746,00	137.980,92		267.726,92	67,3%	129.938,08
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs					0,00	0,0%	0,00
	<b>Total Costs</b>	<b>397.665,00</b>	<b>129.746,00</b>	<b>137.980,92</b>	<b>0,00</b>	<b>267.726,92</b>	<b>67,3%</b>	<b>129.938,08</b>
PIAP	Total person-month	21	2,60	9,20		11,80	56,2%	9,20
	RTD/Innovation	159.212,00	14.890,15	36.856,06		51.746,21	32,5%	107.465,79
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs					0,00	0,0%	0,00
	<b>Total Costs</b>	<b>159.212,00</b>	<b>14.890,15</b>	<b>36.856,06</b>	<b>0,00</b>	<b>51.746,21</b>	<b>32,5%</b>	<b>107.465,79</b>
IEC	Total person-month	26	7,00	9,10		16,10	61,9%	9,90
	RTD/Innovation	433.890,00	109.651,00	144.249,00		253.900,00	58,5%	179.990,00
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs					0,00	0,0%	0,00
	<b>Total Costs</b>	<b>433.890,00</b>	<b>109.651,00</b>	<b>144.249,00</b>	<b>0,00</b>	<b>253.900,00</b>	<b>58,5%</b>	<b>179.990,00</b>
ITRUST	Total person-month	15	5	11		15,24	101,6%	-0,24
	RTD/Innovation	124.557,00	37.825,00	56.797,00		94.622,00	76,0%	29.935,00
	Demonstration	8.219,00	0,00			0,00	0,0%	8.219,00
	Management		0,00			0,00	0,0%	0,00
	Other costs		0,00			0,00	0,0%	0,00
	<b>Total Costs</b>	<b>132.776,00</b>	<b>37.825,00</b>	<b>56.797,00</b>	<b>0,00</b>	<b>94.622,00</b>	<b>71,3%</b>	<b>38.154,00</b>
MULT	Total person-month	19	7,42	12,4		19,78	104,1%	-0,78
	RTD/Innovation	216.000,00	85.086,89	144.766,43		229.853,32	106,4%	-13.853,32
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs					0,00	0,0%	0,00
	<b>Total Costs</b>	<b>216.000,00</b>	<b>85.086,89</b>	<b>144.766,43</b>	<b>0,00</b>	<b>229.853,32</b>	<b>106,4%</b>	<b>-13.853,32</b>
FCTUC	Total person-month	17	3,10	7,40		10,50	61,8%	6,50
	RTD/Innovation	206.400,00	33.465,00	108.372,00		141.837,00	68,7%	64.563,00
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs					0,00	0,0%	0,00
	<b>Total Costs</b>	<b>206.400,00</b>	<b>33.465,00</b>	<b>108.372,00</b>	<b>0,00</b>	<b>141.837,00</b>	<b>68,7%</b>	<b>64.563,00</b>
UNIBRAD	Total person-month	16	3,60	17,80		21,40	133,8%	-5,40
	RTD/Innovation	180.800,00	20.545,00	37.300,00		57.845,00	32,0%	122.955,00
	Demonstration					0,00	0,0%	0,00
	Management					0,00	0,0%	0,00
	Other costs					0,00	0,0%	0,00
	<b>Total Costs</b>	<b>180.800,00</b>	<b>20.545,00</b>	<b>37.300,00</b>	<b>0,00</b>	<b>57.845,00</b>	<b>32,0%</b>	<b>122.955,00</b>
TOTAL	Total person-month	314	82,28	165,76	0,00	248,05	79,0%	65,95
	RTD/Innovation	3.180.017,60	748.251,61	1.202.820,06	0,00	1.951.071,67	61,4%	1.228.945,93
	Demonstration	46.919,00	0,00	0,00		0,00	0,0%	46.919,00
	Management	250.320,00	14.365,00	63.629,00	0,00	77.994,00	31,2%	172.326,00
	Other costs	19.200,00	0,00	0,00	0,00	0,00	0,0%	19.200,00
	<b>Total Costs</b>	<b>3.496.456,60</b>	<b>762.616,61</b>	<b>1.266.449,06</b>	<b>0,00</b>	<b>2.029.065,67</b>	<b>58,0%</b>	<b>1.467.390,93</b>

### 1.3 Tabular Overview of Budgeted person-months and Actual person-months

Person-Month Status Table			Partner - Person-month per Workpackage												
CONTRACT N°:	225353														
ACRONYM:	MICIE														
PERIOD:	01/07/2009 to 30/04/2010		TOTALS	SCOM	CRPHT	CRAT	ROMA3	ENEA	PIAP	IEC	ITRUST	MULT	FCTUC	UNIBRAD	
Workpackage 1000:	Project Management	Actual WP total:	8	8,0											
		Planned WP total:	14	14,0											
Workpackage 2000:	Interdependency Analysis and Modelling	Actual WP total:	30,0	0,0	0,3	3,3	4,3	8,0	0,0	0,0	0,0	12,4	0,8	1,0	
		Planned WP total:	68	2,0	2,0	6,0	12,0	23,0	0,0	4,0	3,0	12,0	2,0	2,0	
Workpackage 3000:	Risk prediction system design	Actual WP total:	47,9	0,0	2,0	2,8	19,0	2,40	2,9	0,0	2,6	0,0	1,0	15,2	
		Planned WP total:	68	0,0	7,0	4,0	36,0	4,00	4,0	0,0	5,0	0,0	2,0	6,0	
Workpackage 4000:	Mediation system design	Actual WP total:	32,6	5,0	5,1	10,5	2,7	1,10	0,0	0,2	6,9	0,0	1,1	0,0	
		Planned WP total:	45	7,0	8,0	12,0	6,0	2,00	0,0	2,0	3,0	3,0	2,0	0,0	
Workpackage 5000:	Development of on-line risk prediction tool and Secure Mediation GW	Actual WP total:	27,3885	12,0	1,1	1,8	0,7	0,00	6,3	2,9	0,0	0,0	2,6	0,0	
		Planned WP total:	51	18,0	5,0	7,0	3,0	0,00	5,0	3,0	0,0	0,0	5,0	5,0	
Workpackage 6000:	Validation	Actual WP total:	6,85	1,8	0,0	0,0	0,0	0,00	0,0	4,3	0,0	0,0	0,8	0,0	
		Planned WP total:	42	4,0	0,0	0,0	0,0	3,00	12,0	15,0	2,0	1,0	3,0	2,0	
Workpackage 7000:	Dissemination & Exploitation	Actual WP total:	12,9	0,5	2,6	2,6	0,7	1,1	0,0	1,7	1,0	0,0	1,1	1,6	
		Planned WP total:	26	3,0	4,0	3,0	2,0	3,0	0,0	2,0	2,0	3,0	3,0	1,0	
		Actual total:	165,7	27,3	11,0	21,2	27,3	12,6	9,2	9,1	10,5	12,4	7,4	17,8	
Total Project Person-month		Planned total:	314,0	48,0	26,0	32,0	59,0	35,0	21,0	26,0	15,0	19,0	17,0	16,0	

## 2 FORM C FINANCIAL STATEMENT PER ACTIVITY

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	SELEX COMMUNICATIONS SPA	Participant Identity Code	999762996
Organisation Short Name	SELEX	Beneficiary nr	1
Funding % for RTD activities		If flat rate for indirect costs, specify %	N/A

**1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)**

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	105,448	0	60,132	0	165,580
Subcontracting	0	0	0	0	0
Other direct costs	18,750	0	3,498	0	22,248
Indirect costs	0	0	0	0	0
Total costs	124,198	0	63,630	0	187,828
Maximum EU contribution	62,099	0	63,630	0	125,729
Requested EU contribution					0

**2. Declaration of receipts**

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

**3. Declaration of interest yielded by the pre-financing (to be completed only by the coordinator)**

Did the pre-financing you received generate any interest according to Art. II. 19 ?

No

If yes, please mention the amount (in €)

**4. Certificate on the methodology**

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

**5. Certificate on the financial statements**

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

**6. Beneficiary's declaration on its honour**

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Paolo Capodiceci
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	CENTRE DE RECHERCHE PUBLIC HENRI TUDOR	Participant Identity Code	989538441
Organisation Short Name	CHT	Beneficiary nr	2
Funding % for RTD activities		If flat rate for indirect costs, specify %	60

**1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)**

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	57,427	0	0	0	57,427
Subcontracting	0	0	0	0	0
Other direct costs	3,557	0	0	0	3,557
Indirect costs	36,590	0	0	0	36,590
Total costs	97,574	0	0	0	97,574
Maximum EU contribution	73,180	0	0	0	73,180
Requested EU contribution					73,180

**2. Declaration of receipts**

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?  
If yes, please mention the amount (in €)

No

**4. Certificate on the methodology**

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

**5. Certificate on the financial statements**

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

**6. Beneficiary's declaration on its honour**

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Etienne D'HOEDT
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	CONSORZIO PER LA RICERCA NELL' AUTOMATICA E NELLE TELECOMUNICAZIONI C.R.A.T.	Participant Identity Code	999655229
Organisation Short Name	CRAT	Beneficiary nr	3
Funding % for RTD activities		If flat rate for indirect costs, specify %	60

**1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)**

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	114,064	0	0	0	114,064
Subcontracting	0	0	0	0	0
Other direct costs	5,470	0	0	0	5,470
Indirect costs	71,720	0	0	0	71,720
Total costs	191,254	0	0	0	191,254
Maximum EU contribution	143,440	0	0	0	143,440
Requested EU contribution					143,440

**2. Declaration of receipts**

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

**4. Certificate on the methodology**

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

**5. Certificate on the financial statements**

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

**6. Beneficiary's declaration on its honour**

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Manlio Proia
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	UNIVERSITA DEGLI STUDI ROMA TRE	Participant Identity Code	999666107
Organisation Short Name	UNIVERSITA DEGLI STUDI ROMA TRE	Beneficiary nr	4
Funding % for RTD activities		If flat rate for indirect costs, specify %	60

**1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)**

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	100,098	0	0	0	100,098
Subcontracting	0	0	0	0	0
Other direct costs	2,164	0	0	0	2,164
Indirect costs	61,357	0	0	0	61,357
Total costs	163,619	0	0	0	163,619
Maximum EU contribution	122,714	0	0	0	122,714
Requested EU contribution					122,714

**2. Declaration of receipts**

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

**4. Certificate on the methodology**

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

**5. Certificate on the financial statements**

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

**6. Beneficiary's declaration on its honour**

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Giovanni Ulivi
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE	Participant Identity Code	999988521
Organisation Short Name	ENEA	Beneficiary nr	5
Funding % for RTD activities		If flat rate for indirect costs, specify %	N/A

## 1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	73,273	0	0	0	73,273
Subcontracting	0	0	0	0	0
Other direct costs	6,068	0	0	0	6,068
Indirect costs	58,619	0	0	0	58,619
Total costs	137,960	0	0	0	137,960
Maximum EU contribution	103,485	0	0	0	103,485
Requested EU contribution					103,485

## 2. Declaration of receipts

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

## 4. Certificate on the methodology

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

## 5. Certificate on the financial statements

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

## 6. Beneficiary's declaration on its honour

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Daniele Remoli
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	PRZEMYSLOWY INSTYTUT AUTOMATYKI I POMIAROW	Participant Identity Code	999549984
Organisation Short Name	PIAP	Beneficiary nr	6
Funding % for RTD activities		If flat rate for indirect costs, specify %	N/A

## 1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	22,813	0	0	0	22,813
Subcontracting	0	0	0	0	0
Other direct costs	1,978	0	0	0	1,978
Indirect costs	12,065	0	0	0	12,065
Total costs	36,856	0	0	0	36,856
Maximum EU contribution	27,642	0	0	0	27,642
Requested EU contribution					27,642

## 2. Declaration of receipts

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

## 4. Certificate on the methodology

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

## 5. Certificate on the financial statements

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

## 6. Beneficiary's declaration on its honour

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Jan Jablowski
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	THE ISRAEL ELECTRIC CORPORATION LIMITED	Participant Identity Code	988627237
Organisation Short Name	IEC	Beneficiary nr	7
Funding % for RTD activities		If flat rate for indirect costs, specify %	N/A

**1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)**

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	71,528	0	0	0	71,528
Subcontracting	0	0	0	0	0
Other direct costs	15,500	0	0	0	15,500
Indirect costs	57,221	0	0	0	57,221
Total costs	144,249	0	0	0	144,249
Maximum EU contribution	72,124	0	0	0	72,124
Requested EU contribution					0

**2. Declaration of receipts**

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?  
If yes, please mention the amount (in €)

No

**4. Certificate on the methodology**

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

**5. Certificate on the financial statements**

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

**6. Beneficiary's declaration on its honour**

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	SHNECK Yosi
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	ITRUST CONSULTING SARL	Participant Identity Code	986758076
Organisation Short Name	ITRUST	Beneficiary nr	8
Funding % for RTD activities		If flat rate for indirect costs, specify %	60

**1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)**

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	33,409	0	0	0	33,409
Subcontracting	0	0	0	0	0
Other direct costs	2,090	0	0	0	2,090
Indirect costs	21,299	0	0	0	21,299
Total costs	56,798	0	0	0	56,798
Maximum EU contribution	42,598	0	0	0	42,598
Requested EU contribution					42,598

**2. Declaration of receipts**

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

**4. Certificate on the methodology**

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

**5. Certificate on the financial statements**

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

**6. Beneficiary's declaration on its honour**

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Carlo Harpes
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	MULTITEL ASBL	Participant Identity Code	999643589
Organisation Short Name	MULTITEL ASBL	Beneficiary nr	9
Funding % for RTD activities		If flat rate for indirect costs, specify %	N/A

## 1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	69,402	0	0	0	69,402
Subcontracting	0	0	0	0	0
Other direct costs	7,420	0	0	0	7,420
Indirect costs	55,480	0	0	0	55,480
Total costs	132,302	0	0	0	132,302
Maximum EU contribution	99,226	0	0	0	99,226
Requested EU contribution					99,226

## 2. Declaration of receipts

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

## 4. Certificate on the methodology

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

## 5. Certificate on the financial statements

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

## 6. Beneficiary's declaration on its honour

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Joël Hancq
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	FACULDADE CIENCIAS E TECNOLOGIA DA UNIVERSIDADE DE COIMBRA	Participant Identity Code	999639141
Organisation Short Name	FCTUC	Beneficiary nr	10
Funding % for RTD activities		If flat rate for indirect costs, specify %	60

**1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)**

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	40,934	0	0	0	40,934
Subcontracting	0	0	0	0	0
Other direct costs	26,799	0	0	0	26,799
Indirect costs	40,639	0	0	0	40,639
Total costs	108,372	0	0	0	108,372
Maximum EU contribution	81,279	0	0	0	81,279
Requested EU contribution					81,279

**2. Declaration of receipts**

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art. II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

**4. Certificate on the methodology**

Do you declare average personnel costs according to Art. II. 14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

**5. Certificate on the financial statements**

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art. II. 4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

**6. Beneficiary's declaration on its honour**

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art. II. 17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art. II. 19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Prof. Albano Cavaleiro
	Date & signature

## FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)			
Project Number	225353	Funding scheme	Collaborative project
Project Acronym	MICIE		
Period from	01/07/2009	Is this an adjustment to a previous statement ?	No
To	30/04/2010		
Legal Name	UNIVERSITY OF BRADFORD	Participant Identity Code	999699766
Organisation Short Name	BRU	Beneficiary nr	11
Funding % for RTD activities		If flat rate for indirect costs, specify %	60

**1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)**

	Type of Activity				Total (A+B+C+D)
	RTD (A)	Demonstration (B)	Management (C)	Other (D)	
Personnel costs	38,636	0	0	0	38,636
Subcontracting	0	0	0	0	0
Other direct costs	3,230	0	0	0	3,230
Indirect costs	25,119	0	0	0	25,119
Total costs	66,985	0	0	0	66,985
Maximum EU contribution	50,238	0	0	0	50,238
Requested EU contribution					50,238

**2. Declaration of receipts**

Did you receive any financial transfers or contributions in kind, free of charge from third parties or did the project generate any income which could be considered a receipt according to Art.II. 17 of the grant agreement ?

No

If yes, please mention the amount (in €)

**4. Certificate on the methodology**

Do you declare average personnel costs according to Art.II.14.1 ?

No

Is there a certificate on the methodology provided by an independent auditor and accepted by the Commission according to Art.II.4.4 ?

No

Name of the auditor

Cost of the certificate (in €), if charged under this project

**5. Certificate on the financial statements**

Is there a certificate on the financial statements provided by an independent auditor attached to this financial statement according to Art.II.4.4 ?

No

Name of the auditor

Cost of the certificate (in €)

**6. Beneficiary's declaration on its honour**

We declare on our honour that:

- the costs declared above are directly related to the resources used to attain the objectives of the project and fall within the definition of eligible costs specified in Articles II.14 and II.15 of the grant agreement, and, if relevant, Annex III and Article 7 (special clauses) of the grant agreement;
- the receipts declared above are the only financial transfers or contributions in kind, free of charge, from third parties and the only income generated by the project which could be considered as receipts according to Art.II.17 of the grant agreement;
- the interest declared above is the only interest yielded by the pre-financing which falls within the definition of Art.II.19 of the grant agreement;
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.

Beneficiary's Stamp	Name of the Person(s) Authorised to sign this Financial Statement
	Sheila M Fry
	Date & signature

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