

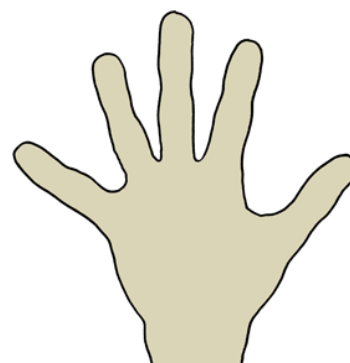
PROJECT DELIVERABLE

Grant Agreement number:
224216

Project acronym:
HANDS

Project title:
Helping Autism-diagnosed teenagers
Navigate and Develop Socially

Funding Scheme:
Collaborative Project



Deliverable description

Deliverable no: 1.3.2
Deliverable name: Annual progress report
Work Package No: 1
Lead beneficiary: Aalborg University
Authors: Peter Øhrstrøm and Ulrik Sandborg-Petersen
Nature: Report
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Summary:

This document presents an overview of the work carried out within the HANDS project in the period from June 1, 2008, to May 31, 2009. It refers to the description of the project in Annex 1 approved 2008-04-28. The objectives stated in Annex I are summarized and the work in the reporting period is compared with these objectives.

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Declaration by the project coordinator

I, as co-ordinator of this project and in line with my obligations as stated in Article II.2.3 of the Grant Agreement declare that:

- The attached periodic report represents an accurate description of the work carried out in this project for this reporting period;
- The project (tick as appropriate):
 - has fully achieved its objectives and technical goals for the period;
 - has achieved most of its objectives and technical goals for the period with relatively minor deviations;
 - has failed to achieve critical objectives and/or is not at all on schedule¹.
- The public Website is up to date, if applicable.
- To my best knowledge, the financial statements which are being submitted as part of this report are in line with the actual work carried out and are consistent with the report on the resources used for the project (section 3.6) and if applicable with the certificate on financial statement.
- All beneficiaries, in particular non-profit public bodies, secondary and higher education establishments, research organisations and SMEs, have declared to have verified their legal status. Any changes have been reported under section 5 (Project Management) in accordance with Article II.3.f of the Grant Agreement.

Name of Coordinator:Peter Øhrstrøm.....

Date:July 24, 2009

Signature of Coordinator:

1. If either of these boxes is ticked, the report should reflect these and any remedial actions taken.

1. PUBLISHABLE SUMMARY

As indicated on the web-site of the project (<http://hands-project.eu>), HANDS is a project that aims to improve quality of life for teenagers with an autism diagnosis by providing a mobile ICT toolset (the HANDS toolset) designed to support them in many daily situations, in particular in various difficult situations. The HANDS toolset will be designed to help improving the social skills and self-management skills of the teenagers, in order to facilitate or assist their social integration and independence.

The project started June 1, 2008. During the first year of the project the following project objectives can be mentioned. These partial goals within the project have all been reached during the reporting period.

- The system requirements of the HANDS toolset have been formulated as seen from three different perspectives (cognitive psychology, learning and education studies, persuasive technology).
- A detailed system specification of the HANDS toolset has been established on the basis of the system requirements.
- The implementation of the first prototype of the HANDS toolset has begun, and the first releases have been presented and discussed among the partners. The full implementation of prototype 1 will be ready in August 2009.
- A detailed test program involving tests from three different perspectives (cognitive psychology, learning and education studies, persuasive technology) has been established in cooperation with the Ethical Board (EB). Prototype 1 will be tested according to this program during the period from September 2009 to January 2010.

10 partners from 6 EU countries

The HANDS project is an EU commissioned project involving 10 partners in different areas, all contributing with different qualifications to make this project work.

Aalborg University, Denmark (Persuasive Technology and ICT Ethics)

Aalborg University (AAU) coordinates the HANDS project. This partner is responsible for creating design experiments and tests, which can be used for evaluation of the HANDS tools conceived as Persuasive Technology. AAU is also responsible for designing credibility measurement tools for the practitioners, so that they can get a view of the actual value of the Mobile Persuasive ICT tools. AAU is responsible for the development of methodology according to which value sensitive design is brought into the process of designing software. In the reporting period AAU has had the main responsibility for the 'Project Quality Plan' (D1.1.1), the 'Report on PT test methodology' (D4.1.1), the 'Report on PT Requirements for Prototype 1' (D4.2.1). In addition, AAU is responsible for the co-ordination and the management part of the project. This also includes the responsibility for the establishment of the Ethical Board and the cooperation with this board.

Wirtek, Denmark (Mobile software development)

This partner is responsible for developing software for mobile devices used by young people with autism and software for work stations used by teachers. The software is based on the highly flexible architecture of Microsoft Dynamics Mobile 2008, which enables modular and configurable

applications that match the needs and demands of the HANDS Project. In the reporting period Wirtek, Denmark, has collaborated with Wirtek, Romania, and Edvantage Group in order to transform the system requirement into a specification document and later in order to implement the system according to these specifications. Wirtek, Denmark, has had the responsibility for creating and maintaining a website for the HANDS-project, D8.2.

Wirtek, Romania (Mobile software development)

Wirtek Srl is a software development house with core qualifications within embedded software, mobile applications, web applications and infrastructure for mobile communications. The Wirtek Srl software development site in Cluj, Romania, was established in 2006 through an acquisition of a Romanian software house. In the reporting period Wirtek, Romania, has cooperated with Wirtek, Denmark, and Edvantage Group in order to transform the system requirements into a specification document and later to implement the system according to these specifications. Wirtek, Romania, has had the main responsibility for the specification document (D5.1.1) and for the implementation of Prototype 1 of the HANDS toolset.

Edvantage Group, Norway (Learning requirements)

This partner is involved in the development of the HANDS toolset. In particular Edvantage Group is working with interaction design and user interfaces. This work is carried out in close cooperation with Wirtek, Romania. In the reporting period Edvantage Group has worked together with Wirtek, Romania, and Wirtek, Denmark, in order to transform the system requirements into a specification document and later in order to implement the system according to these specifications.

ELTE University, Hungary (Cognitive Psychology)

This partner is responsible for designing a sound scientific test in order to measure the efficiency of the Personal Mobile ICT tools. This test will be carried out involving 40-50 individuals with autism from the age of 10 to 18. In the reporting period ELTE has had the main responsibility for the 'Report on test methodology and research protocols' (D2.1.1) and the 'Report on initial cognitive psychology requirements on software design & content' (D2.2.1). ELTE has also been deeply involved in the coordination of the requirements and the establishment of the test plan.

London South Bank University, UK (Learning Environment)

This partner (LSB) is responsible for research considering how the use of the HANDS toolset can be integrated in the learning environment, both in special schools and in mainstream settings. Applicability in Learning Environment will focus on how the typical working habits of schools will necessarily influence the design of the HANDS toolset. In the reporting period LSB has had the main responsibility for the 'Requirements for Prototype 1 (ALE)' (D3.1.1) and the 'Implementation and Evaluation Guide' (D3.2.1). LSB has also been deeply involved in the coordination of the requirements, and LSB has had the leading responsibility for the establishment of the test plan.

Helen Allison School, NAS, UK (School for autistic spectrum)

As well as acting as a test school, the staff at the Helen Allison School will work with researchers from the academic institutions as part of the evaluation of the applicability of the personal mobile ICT tools in the classroom and wider environment. During the reporting period this partner has

been deeply involved in the establishment of the test plan and in the preparation of the tests of Prototype 1.

Egebakken, Denmark (School for children with autism)

This partner will act as a test site/test school. The HANDS toolset will be tested with the pupils in their ordinary school environment and in a number of daily situations. In particular, these tests will evaluate the persuasiveness of the toolset. The toolset will be tested twice. During the reporting period this partner has been deeply involved in the establishment of the test plan and in the preparation of the tests of Prototype 1.

Svedenskolan, Sweden (Independent school for children with autism)

This partner will act as a test site/test school. The HANDS toolset will be tested with the pupils in their ordinary school environment and in a number of daily situations. In particular, these tests will evaluate the persuasiveness of the toolset. The toolset will be tested twice. During the reporting period this partner has been deeply involved in the establishment of the test plan and in the preparation of the tests of Prototype 1.

Autism Foundation, Hungary (Cognitive Psychology)

Autism Foundation plays an essential role in research activities labelled as 'Cognitive Psychology' taking crucial part in the preparation of the two rounds of prototype testing, and efficiency testing of the project. These tasks are to be performed in close cooperation with ELTE University, Budapest, and - especially in efficiency testing - with all test sites involved in the project. The specific research tasks of Autism Foundation include methodological preparations, collecting, analyzing and summarising data from all involved partners, and, finally, participation in detailed reporting on all (cognitive psychology) test phases. During the reporting period this partner has been deeply involved in the establishment of the test plan and in the preparation of the tests of Prototype 1, as well as in formulating the requirements for the HANDS software.

Ethics

The HANDS project aims at empowering young people diagnosed with autism. Although this may be seem as a rather noble goal, we, within the HANDS project, are also striving to make sure that the means used in empowering the young people are ethically acceptable. In order to achieve this, the HANDS project has incorporated an Ethical Board (EB) with representatives from different fields of academia, schools and parents of young people with autism. The EB has, more specifically, been given the task of discussing general ethical questions related to HANDS, of ethically to evaluate the requirements of the systems which are supposed to be tested and used by children and young people with an autism diagnosis, as well as all tests and experiments involving children and young people with an autism diagnosis.

One important question that has been discussed by the EB is the possible coercive nature of the instructions, advices, or help offered by the handheld devices to the young people with an autism diagnosis. The handheld devices are supposed to help young people with autism 'navigate'. As such the devices are clearly supposed to influence the behaviour of the young people. This, in turn, raises the question of whether the influence exerted upon the behaviour of the young people is ethically acceptable - or whether it amounts to coercion in an unjustifiable manner.

During the year 2008-9 the partners have formulated three applications describing the test program which has been planned. The Ethical Board has discussed the applications and suggested

some changes which have been incorporated in a revised test plan. There is a special report from EB, Deliverable 1.5.1, available at the HANDS web-site.

Actual results in the reporting period and expected final results and their potential impact/use (incl. socio-economic and societal implications so far)

Although the test phase of the project has not yet begun, the partners have been able to publish a number of research papers discussing and analyzing the design principles discussed and used in the project. In addition, a number of deliverables have been produced according to the work plan. The public deliverables and the research papers have been listed in section 3 of this report and can be found on the HANDS web-site.

One of the major themes in the research papers and in the deliverables is the description of how the HANDS project may lead to results which are useful for teenagers with autism in their everyday life. The expectation and the goal of the project is that teenagers with autism will be able to benefit a lot from software systems like the HANDS tools in their daily routines and that the proper use of such tools can contribute significantly to the integration of young people with autism in society. It is, however, still an open question to which extent such goals (including the obvious socio-economic and societal implications of their realisation) can in fact be obtained. From a more general point of view, it is the expectation that the HANDS project will lead to a deeper understanding of the potential in using software tools for such social purposes.

2. PROJECT OBJECTIVES FOR THE PERIOD

The HANDS project has five scientific and technological objectives. The project should:

1. develop a HANDS toolset that enables high-functioning young people diagnosed with autism to improve their social skills and self management skills.
2. evaluate the improvement of the social skills and self management skills using the HANDS toolset,
3. evaluate the ethics of the HANDS toolset and the test program,
4. evaluate the usefulness of the HANDS toolset,
5. contribute to the future research agenda for accessible and inclusive ICT.

All of these five objectives have been relevant during the reporting period. The work has been reported in the deliverables and in the research papers. All deliverables have been delivered on time.

What follows is an overview of the aspects of these objectives which have been relevant during the reporting period.

2.1 The development of a HANDS toolset that enables high-functioning young people diagnosed with autism to improve their social skills and self management skills

The first objective of the HANDS project is to develop a set of software components based on Persuasive Technology which meets five important sub-objectives: a) an efficient tool for the young person to improve social skills and self management skills or to manage social activities, b) an efficient tool for the teachers to design and customise the tools for the young person, c) an efficient tool for the teachers to measure the progress of the improvements in the social skills and self management skills, d) a software design which makes exchange of experiences and software components easy, e) tools for the teachers to predict the costs and benefits of using the tools in their work with the young people with an autism diagnosis.

In the present reporting period, the purpose has been to take the first steps towards the development of such a toolset, including requirements and specification, as well as the initial partial implementations towards the full implementation of Prototype 1.

The three university partners (ELTE, LSU and AAU) have, in close cooperation with the partner schools, formulated system requirements of the HANDS toolset. This have been done as seen from three different perspectives: Cognitive psychology (mainly ELTE), learning and education studies (mainly LSB), and persuasive technology (mainly AAU). These system requirements have been coordinated in close cooperation with the three partners involved in the practical system development (Wirtek-Denmark, Wirtek-Romania and Edvantage Group) this work has been transformed into a detailed system specification of the HANDS toolset.

The requirements and the specification of prototype 1 of the HANDS tools have been reported in the following deliverables:

D2.2.1	Report on initial cognitive psychology requirements on software design & Content
D3.1.1	ALE requirements for Prototype1.
D4.2.1	PT Requirements for Prototype 1.
D5.1.1	Specifications to Prototype 1

In addition, problems regarding the requirements have been discussed in the research papers listed in section 3. Based on the specification in D5.1.1 the implementation of the first prototype of the HANDS toolset has begun, and the first releases have been presented and discussed among the partners. The comments from the partners will be incorporated in the further development of the toolset. The full implementation of prototype 1 will be ready in August 2009.

2.2 The evaluation of the improvement of the social skills and self management skills using the HANDS toolset

The goal of the second objective of the HANDS project is to find ways to evaluate how the HANDS toolset can influence the daily lives of the young people with an autism diagnosis, with respect to social skills and self management skills.

During the present reporting period, the HANDS partners have discussed the testing techniques and procedures to be used within the project. A detailed test program involving tests from three different perspectives (cognitive psychology, learning and education studies, persuasive technology) has been established in cooperation with the Ethical Board (see below).

During the year 2008-9 the partners have formulated three applications describing the test program which has been planned. The purpose is partly to evaluate the social skills and the self management skills using the HANDS toolset. The Ethical Board has discussed the applications and suggested some changes, which have been incorporated in a revised test plan.

The various plans and questions regarding the tests of the HANDS toolset have been reported in the following deliverables:

D2.1.1	Report on test methodology and research protocols	ELTE
D4.1.1	Report on test methodology.	AAU
D3.2.1	Implementation and Evaluation Guide	SBU
D6.2.1	Test Prerequisites. Practical as well as scientific. Report	SBU

Prototype 1 will be tested according to the plans mentioned in D6.2.1 during the period from September 2009 to January 2010.

2.3 The evaluation of the ethics of the HANDS toolset and the test program.

Successful implementation of tools using Persuasive Technology with young people with an autism diagnosis entails a series of ethical issues, which need to be carefully addressed. Persuasive Technology may prove to be a very efficient tool in changing behaviour or attitude, but this must be done with due consideration to the rights of individuals with autism, in order to maintain their

integrity and independence, and to ensure that they remain in control of their own lives to an extent comparable to, or higher than, when not using the HANDS toolset.

In the present reporting period, we have carried out a number of preliminary discussions concerning which ethical themes are relevant.

On Nov. 18, 2008 Aalborg University organized a research seminar within the field of computer ethics during which there was a special emphasis on HANDS related issues. This has been done in order to form a theoretical basis for the ethical evaluation of the HANDS toolset. The work may be seen as a preparation of the work which is going to be carried out in WP7 of the project.

Some of the Ethical considerations investigated in the project so far have been reported in the paper by Anders Albrechtslund mentioned in section 3, whereas others have been discussed in 'Report I from the Ethical Board', D1.5.1.

An important contribution to WP7 will be the work of LSB in conjunction with schools and academic partners in coordinating and developing the ethics applications and liaising with the EB, which - although to some extent part of WP6 - are also clearly part of WP7, and which also overlap with the study of the theoretical aspects.

2.4 The evaluation of the usefulness of the HANDS toolset

The efficiency of the tools might be very high in an ideal setting, yet they will be used in the typical everyday lives of the young people, particularly in educational settings. Therefore, it is very important to have a user oriented design process, whereby we are able to know how practical it is for the users to use the technology on a day-to-day basis.

The users in this context are grouped into four classes, two of which are the primary users. First, the teachers of the young people with an autism diagnosis work with a web-based system in which the individual teacher can design the content for the tools that will be used by the person with an autism diagnosis. Second, the young people themselves use a system based on PDAs or Smartphones, in which the content has been designed by their teachers.

There are, in addition, two other groups of secondary users. First, the parents of the young people with an autism diagnosis are considered. The parents must be able to use the system of the teachers and must be able to gain restricted access to parts of the system, in order to obtain information about the content used by their children. Second, the University researchers in the Consortium are also users of parts of the system. These researchers must be able to access parts of the system for the purpose of carrying out the research and evaluation, which are part of the objectives for the HANDS Project.

In the present reporting period, the Consortium has worked on this objective by carrying out an initial analysis of the usability requirements for the teachers as well as the young people with an autism diagnosis. Furthermore, a specification of the HANDS toolset has been formulated. The partners have also evaluated the first partial implementations available.

During the year 2008-9 the partners have formulated three applications describing the test program which has been planned. The purpose is partly to evaluate the usefulness of the HANDS toolset. As mentioned above, the Ethical Board has discussed the applications and suggested some changes, which have been incorporated in a revised test plan.

2.5 The contribution to the future research agenda for accessible and inclusive ICT

The HANDS project is indeed targeted exploratory research and it has many implications for other marginalised people. Principles, theories and software design are applicable to other user groups and the core of the proposal if of relevance to objective ICT-2007.5.1, "Personal Health Systems", and objective ICT-2007.7.1: "ICT and Ageing" too.

In the present reporting period, we have – concurrently with the discussions mentioned above – considered the implications regarding the use of ICT in the broader perspective for the benefit of marginalised people in general.



Further elaboration of the HANDS logo – used at the web-site of the project
<http://hands-project.eu>

3. WORK PROGRESS AND ACHIEVEMENTS DURING THE PERIOD

The HANDS partners have followed the work plan stated in Annex I, and have not failed to meet any of the objectives or deadlines mentioned in Annex I. All deliverables have been delivered on time.

In addition, the HANDS partners have published a number of scientific papers and presented the HANDS issues at various international peer reviewed conferences:

Aagaard, Morten, Øhrstrøm, Peter, Moltsen, Lars (2008). "It might be Kairos". In: *Persuasive 2008: The Third International Conference on Persuasive Technology*. 2008. s. 94-97.

Albrechtslund, Anders (2008). "Surveillance in Mixed Spaces: Persuasion and resistance", 14 p. *Internet Research 9.0: Rethinking Community, Rethinking Place*, nr. 9, Copenhagen, Denmark, 15-18 Oct., 2008.

Devecchi, M.C., Mintz, J. and March, C. (2009). "Supporting user participation in developing mobile technology to help young people with autism: The HANDS smartphone project". Paper to be presented at, and included in the conference proceeding of the *ICICTE 2009 Conference*, 9-11 July 2009.

Devecchi, M.C., Mintz, J. and March, C. (2009). "The HANDS project: a mobile phone solution for children on the autistic spectrum. The Evaluation and Implementation Guide". Presented at *the Centre for Education and Development Seminar Series*, Von Hugel Insitute, St Edmund's College, Cambridge. (Local seminar report.)

Devecchi, M.C. (2009). "The HANDS project: evaluating the use of smartphone applied technology for children with autism, or the case of overcoming contrasting capabilities and irreducible difference". Paper presented at the *Rethinking disability provision in Tuscany through Amartya Sen's Capability Approach* workshop organized by the Facolta' di Economia, Universita' degli Studi di Firenze, 29 May 2009. (Local seminar report.)

Mintz, J., Devecchi, M.C. and March, C. (2009). "A mobile phone solution for young people with autism: Introducing the HANDS project". Paper to be presented at the *British Educational Research Association Conference*, 2-6 September, University of Manchester, Manchester, UK.)

Pertou, Maria Elisabeth, Schärfe, Henrik (2009). "Adaptive Persuasive Scripts". In: *Proceedings of the Symposium Persuasive Technology and Digital Behaviour Intervention Symposium*. 2009. s. 43

Ranfelt, Anja M., Wigram, T., Øhrstrøm, P. (2009). "Towards a Handy Interactive Persuasive Diary for Teenagers with a Diagnosis of Autism". Proceedings from *Persuasive Technology*, Claremont Graduate University, California, 26-29 April 2009

Schärfe, Henrik, Øhrstrøm, Peter and Gyori, Miklos (2009). "A Conceptual Analysis of Difficult Situations – developing systems for teenagers with ASD". To be published and

presented at *The International Conference on Conceptual Structures (ICCS 2009)*, Moscow, Russia.

Balázs, A., Stefanik, K., Kanizsai-Nagy, I., Ószi, P., Vígh, K., Gyori, M. (accepted, 2009). "Psychiatry Meets Mobile Digital Technology For High Functioning Autism: The HANDS Project." Conference poster. 'Quality of Life in Child and Adolescent Mental Health' International Conference (*European Association of Child and Adolescent Psychiatry*). 22-26 August, 2009, Budapest, Hungary.

What follows is a concise description of the work carried out within each work package, with reference to the objectives and tasks stated in Annex 1 for the present reporting period.

Work Package 2: Cognitive Psychology

The major objective is to carry out psychological preparatory and test research on the HANDS software. The more specific objectives of Cognitive Psychology WP are the following:

- (1) elaborate detailed research methodology and to coordinate test preparations (such as baseline measurements);
- (2) specify design and content principles on the basis of experimental evidence and cognitive psychological expertise;
- (3) run exploratory tests on first prototype of HANDS software to reveal strengths and weaknesses and to make suggestions for further product development;
- (4) coordinate extensive tests on the effectiveness of the final prototype software (in terms of expected change in social and self-management skills);
- (5) elaborate a Future Research Plan on mobile ICT for socially marginalised young people.

The major tasks in relation to WP2:

T2.1 Test design and test preparations

Designing research methodology, coordinating research preparations such as selection of test and control groups of subjects, and baseline assessments (in cooperation with Test Site partners). Specifying demands for the electronic behaviour registration (electronic footprints), in cooperation with Persuasive Technology and Software Development partners.

T2.2 Design and specification of software

Formulating elaborated design and content principles for the HANDS Software on the basis of current scientific insights of cognitive psychology and evidence-based treatment strategies for autism/ASD. Methodologically, it is to carry out via (1) review of the up-to-date scientific literature on cognitive ability patterns in young adults and adolescents with autism/ASD; (2) analyzing the cognitive characteristics of existing software designed specifically for, and/or used preferably by adolescents and young adults with autism/ASD; (3) using eye-tracking technique in experimental settings; and (4) analyzing the applicability of existing evidence-based psycho-educational treatment principles and strategies in a mobile ICT context.

T2.3 CP Test evaluation of Prototype 1

Partly conceptual, partly empirical evaluation of the first prototype. Running experimental (eye-tracking) and real-life tests to reveal strengths and weaknesses of the first prototype of the software.

In the reporting period, the project partners have concentrated on test methodology and research protocols (D2.1.1). This work has led to a detailed description of the psychological research procedures and tools to be used in the project. The HANDS partners have also specified which types of young people with autism should be recruited for the test groups and control groups at the test sites and formulated a detailed test program involving fundamental considerations based on cognitive psychology. A detailed application has been sent to the EB for ethical approval.

In addition, we have done research on the initial cognitive psychology requirements on software design and content (D2.2.1).

Work Package 3: Applicability in the Learning Environment

The more specific objectives of WP3 are the following:

- (1) Specify the needs of teachers and young people in the classroom context, providing input to development of the functional specification of the HANDS toolset.
- (2) Evaluate the applicability of the HANDS toolset in the school environment.
- (3) To elaborate a Future Research Agenda for ICT tools for socially marginalised young people.

The major tasks in relation to WP3:

T3.1 ALE PT Requirements of Prototype 1

This task involves the elucidation of key information on the applicability of the HANDS toolset in the classroom environment.

T3.2 Develop Implementation and Evaluation Guide

This task involves the production of guidelines for implementing the HANDS toolset in the classroom setting.

T3.3 ALE Test/evaluation of Prototype 1

The first test is primarily a conceptual test. The evaluation focuses on the concepts and the very positive and the very negative test results.

In the reporting period, the partners have concentrated on the requirements for Prototype 1 (D3.1.1) as they can be formulated based on learning and education studies. This deliverable sets out the requirements for the specification of Prototype 1 based on analysis at the Helen Allison School.

In addition, the partners have worked with problems regarding an implementation and evaluation guide (D3.2.1). This deliverable sets out the overview for proposed guidance for the principles and proposals for evaluation in terms of applicability in the learning environment as well as on the issues involved with the implementation of the HANDS toolset across the consortium.

Work Package 4: Persuasive Technology

The more specific objectives of WP4 are the following:

- To carry through a design experiment using Persuasive Technology as foundation.
- To elaborate a future research agenda for ICT technology supporting socially marginalised young people.

The major tasks in relation to WP4:

T4.1 Design the experiment.

The focus in the experiment is on model layer, credibility and motivation. The task focuses on how to collect data about the credibility of the HANDS toolset and the actual motivation. Furthermore the measurement of the persuasive efficiency of the model layer tools should be designed. The answers will be a mix between quantitative and qualitative data sources: log of users, questionnaire, interviews of users and interviews of teachers.

T4.2 PT Requirements of Prototype 1.

The ambition is to design the HANDS toolset for high functioning teenagers with an autism diagnosis.

T4.3 PT Test evaluation of Prototype 1.

The first test is primarily a conceptual test. The evaluation focuses on the concepts and the very positive and the very negative test results. The experimental setup will be evaluated too.

In the reporting period, we have studied test methodology from the perspective of Persuasive Technology. This has been reported in D4.1.1, which contains theoretical and practical considerations regarding the evaluation of Persuasive Technology as it unfolds in the HANDS project.

In D4.2.1 a number of persuasive technology requirements to be implemented in Prototype 1 have been listed. The specification method is user stories. To make it understandable to non-software engineers, a rich introductory description is given and each part of the HANDS toolset is followed by a thorough explanation.

In addition, the problems regarding the use of PT principles within the HANDS project have been discussed in the research papers mentioned in section 3.

Work Package 5: Software Research & Development

The major objective of WP5 is to provide the specified software for HANDS validation activities. The major tasks in relation to WP5:

T5.1 Requirements selection

A first set of requirements with different perspectives are developed in each of the three Work Packages, WP2, WP3, and WP4. This task takes the requirements and discusses the similarities, differences, and inconsistencies (if any), and it also adds a more technical software development perspective (taking platform, time, and resource constraints into account). The output is a final set of requirements to be met by the developed software. The

workload of this task shall be very compact in time, but all important stakeholders in the project shall be represented at a dedicated project meeting. The exact methodology to be used to capture requirements is the Wirtek “Requirements Management” process, in particular the “Requirements Establishment” part. Wirtek has several variants of the “Requirements Establishments” process. The variant to be used in HANDS is the SCRUM variant, where requirements are identified through “user stories”.

T5.2 Storyboard development

To create a unity of the modules described in T5.3 – T5.8 and especially to secure user oriented modules in SSSI and TT (T5.4. and T5.5) a storyboard is set up through the authoring tool CourseBuilder. The storyboard will connect the software development and the research made in WP2, WP3, and WP4. It describes and illustrates how the different modules can be used and set up, the dilemmas between the technical possibilities, and the user requirements selected for implementation in T5.1. The storyboard gives important information to all the different aspects of software development and in all the development phases. Thus, it forms a solid design of the human-computer interaction.

T5.3 Software module HIPD

The *Handy Interactive Persuasive Diary* (HIPD) module is the combined calendar and diary function of the HANDS toolset, enabling the pupil and his/her teacher to set up a well-define structure of the day. The module will utilize ideas from the research field of Persuasive Technology, including situational awareness to adapt to the current state of the pupil (relaxed, stressed, tired, etc.).

T5.4 Software module SSSI

The *Simple-Safe-Success Instructor* (SSSI) module is a practical tool to help the pupil solving daily tasks that could cause problems (like getting on the bus, and handling situations where the bus does not show up on time). The toolset shall to a large extend be based on state-of-the-art pedagogical methods for instructing autism-diagnosed young people.

T5.5. Software module TT

The *Travelling Trainer* (TT) module is a simulation environment enabling the pupil to practice situations from everyday life anytime, anywhere. Simulations are used to improve skills where the pupil currently has problems, typically related to social integration. The module will utilize ideas from the research field of Persuasive Technology to ensure maximum impact of the training. In particular, it is critical to reach a high level of realism through 3D animation.

T5.6 Software module SPo

The *SharingPoint* (SPo) module offers a function to match profiles against other users’ profiles. All users are identified with a very accurate psychological and interest profile which makes it possible for the users to meet (virtually or physically) or to allow teachers to share experiences when they teach pupils with the same profile. With an open interface, the HANDS toolset is able to communicate with other HANDS servers worldwide and query profiles (without revealing the identity of the pupil). We expect to identify more ways of utilizing this function when the toolset is demonstrated to practitioners – like with GPS it

provides some data which can be used in many ways. It is a goal to define open interfaces in order to make it easy for anyone with a good idea to build an application on top.

T5.7. Software module TIN (WIRO 15)

The Individualiser (TIN) is a configuration module to adapt the HANDS toolset to the pupil. In order to make the pupils motivated to use the HANDS toolset it is a very important property that it is customisable and aesthetically pleasing as well as functional. Furthermore, the teacher of the pupil is able to customise the functionality too – even from a PC at the school when the pupil is on the move.

T5.8. Software module CoMe

The *Credibility-o-Meter* (CoMe) is a function enabling the teacher to know how credible the HANDS toolset is currently experienced by the pupil. This is important, since no credibility means no influence on the pupil in the desired direction. The Credibility-o-Meter is based on the electronic footprints left by the user on the mobile device during normal use. Statistical classification algorithms shall be used to monitor credibility in this way.

In the reporting period, the partners have produced the specifications for Prototype 1 (D5.1.1) based on the requirements from ELTE, LSB, and AAU. The implementation process began at March 1, 2009. Every three to four weeks, a partial implementation has been released, hence the SCRUM methodology for agile software development. Prototype 1 will be ready in August 2009 and it will contain the main components of the HANDS Toolset.

Work Package 6: Test

The major objectives of WP6 are the following:

- (1) The testing procedures of the software
- (2) Establishing the prerequisites for the testing procedures at the test schools

The major tasks in relation to WP6:

T6.1 Preparing the test schools for the testing

Making the users comfortable with the hardware and software platform.

T6.2. Establishing the scientific test prerequisites

The Cognitive Psychology group's work on test procedures will lead to a baseline for each test person and a comparable control group, as set out in WP2 above. For example, the baseline could be an identification of symptoms and a quantification of their severity (ADOS) and a measurement of psychometric data (IQ and Vineland). As part of the task, appropriate baseline tests will be established for each individual young person with autism using the ICT tools.

In the present reporting period, we have studied the test prerequisites – practically as well as scientifically – in order to plan the evaluation of Prototype 1 (D6.2.1). This work has been done by LSB, ELTE, and AAU in close cooperation with the Partner schools. A detailed test plan has been described in the deliverable mentioned above. The plan has given rise to three applications

submitted to the Ethical Board (EB). The EB has suggested some changes which have been incorporated in a revised test plan. This revised plan has been sent to the EB for ethical approval.

In addition, the problems regarding the use, the tests, and the experiments within the HANDS project have been discussed in the research papers mentioned in section 3.

Work Package 7: ICT Ethics

The major objectives of WP7 are the following:

- (1) To assist in applying to the local ethical committees for the clinical trials within the HANDS project whenever such applications are needed.
- (2) To analyze general ethical problems in relation to the use of ICT tools which make high functioning young people with an autism diagnosis able to improve their social skills and self management skills based on Persuasive Technology.
- (3) To evaluate the HANDS toolset developed in the project from ethical perspectives reflecting on the reports from the Ethical Board.
- (4) To develop procedures which can facilitate ethical awareness as an integrated part of the construction of ICT tools based on principles from Persuasive Design theory.
- (5) To elaborate a future research agenda for ICT technology supporting socially marginalised young people

The major tasks in relation to WP7:

T 7.1

To assist researchers in HANDS in preparing applications to the local ethical committees, in order to obtain permissions to perform clinical trials and experiments. In particular WP 7 should contribute to the ethical considerations needed in such applications.

T 7.2

To analyze the fundamental ethical problems to which the use of the HANDS tools may give rise, taking the experiences from the Ethical Board into account. These problems include the ethical aspects of the distinction between persuasion and manipulation as well as the ethical aspects of allowing young people with an autism diagnosis to relate personally to a technological system.

T 7.3

To identify other ethical problems related to the use of persuasive technology in order to improve the social skills of teenagers with an autism diagnosis and provide a sound and qualified analysis of these ethical problems. The risk of addiction to the devices in question should be analyzed.

T 7.4

To develop a methodology based on a so-called value sensitive design in order to make sure that relevant ethical considerations are integrated in the design process as such and in the system development.

In the present reporting period, the HANDS partners have discussed the ethical aspects of the planned tests, and they have produced applications to the Ethical Board of HANDS as well as to local ethical committees.

From a theoretical point of view, the partners have investigated the ethical problems related to the use of the HANDS toolset. A workshop on such problems was organized in Nov. 2008. Some of these problems have already been considered in the research papers mentioned in section 3 and other scientific publications on related topics are in preparation. The strong emphasis on the theoretical aspects of ethical issues related to HANDS will be maintained during the next year of the project.

Work Package 8: Dissemination

The major objectives of WP8 are the following:

- (1) Dissemination of the project results
- (2) To create a business model for project output from a socio-economical perspective.
- (3) To provide inputs for a future research agenda on ICT helping young people socially marginalized by an autism diagnosis.

The major task in relation to WP8 during the present period is:

T8.2 Project web site.

The web site shall serve as an efficient means for sharing up-to-date public information about the project throughout the project duration. The project web page shall be made available for at least two years after the end of the project.

In the present reporting period, we have established a public website for the HANDS project: <http://www.hands-project.eu>. All public deliverables can be downloaded from the public HANDS website.

In addition, we have established an internal communication platform (based on the Moodle system) for the use of the partners in our collaborative communication.

4. DELIVERABLES AND MILESTONES TABLES

Deliverables (excluding the periodic and final reports)

The following table lists the deliverables which are mentioned in Annex I for the reporting period in question.

In the case of the Deliverable D3.1.1, a delay was accepted by the Project Officer of 1 month. Therefore, all Deliverables have been delivered either on time or within the accepted time of delay. The deliverables of HANDS during the reporting period are listed in the following table:

Del. no.	Deliverable name	WP no.	Lead beneficiary	Estimated indicative person month	Dissemination level	Delivery Date
D1.1.1	Project Quality Plan	1	AAU	1	PU	July 1, 08
D2.1.1	Report on test methodology and research protocols	2	ELTE	9	PU	Dec 1, 08
D2.2.1	Report on initial cognitive psychology requirements on software design & content	2	ELTE	28	PU	Dec 1, 08
D3.1.1	Requirements for Prototype1 (ALE)	3	SBU	12	PU	Dec 1, 08
D4.1.1	Report on test methodology.	4	AAU	2	PU	Dec 1, 08
D4.2.1	Report on PT Requirements for Prototype 1. Report. And Workshop/focus group	4	AAU	17	PU	Dec 1, 08
D8.2	Creation of website	8	WIDK	3	CO/PU	Dec 1, 08
D3.2.1	Implementation and Evaluation Guide	3	SBU	4	PU	Feb 1, 09
D5.1.1	Specifications to prototype 1	5	WIRU	3	CO	Mar 1, 09
D6.2.1	Test Prerequisites. Practical as well as scientific. Report	6	SBU	11	CO	May 1, 09
D1.5.1	Report I from the Ethical Board	1	AAU	1	PU	June 1, 09

Milestones

In Annex I, two Milestones are specified regarding the reporting period in question. As can be seen, both Milestones have been achieved, either on time, or within the accepted delay.

Milestone no.	Milestone name	Due achievement date from Annex I	Achieved Yes/No	Actual / Forecast achievement date	Comments
1	Initial requirements	Dec 1, 2008	Yes	Dec 20, 2009	The Project Officer accepted a delay of 1 month for certain deliverables on which this Milestone depends. Therefore, the achievement date for this Milestone is within the accepted delay.
2	Test preparations	Jun 1, 2009	Yes	May 1, 2009	Milestone achieved 1 month before due date.

5. PROJECT MANAGEMENT

The purpose of this section is to summarise the management of the consortium activities during the reporting period.

Project planning and status

During the reporting period the main goals have been to prepare the development of the HANDS toolset, to start the implementation of prototype 1 which should be ready by August 1, 2009, and finally to formulate a common test program. In order to achieve the above, the co-ordinator and researchers acting on his behalf have organised some face to face meetings and a number of on-line meetings within the consortium.

The three university partners in the Consortium (ELTE, LSB, AAU) have been asked to describe reasonable requirements in close cooperation with the partner schools (AF, NAS, EGE, UPAB) and the software companies in the project (WIDK, WIRU, EDG). ELTE has listed the psychological requirements; LSB has listed the pedagogical requirements; and AAU has listed the persuasive technology requirements. The three sets of requirements have been a substantial part of the agenda at the Project Board Meeting and Workshop in Budapest, November 24-25, 2008, which led to the formation of a cross-institutional work group under the leadership of Dr. Henrik Schärfe, AAU. The purpose of this group was to coordinate the three sets of requirements formulated in the respective deliverables. This work led to the system specification document in March 2009.

Based on the system specification document in March 2009, WIRU has started the implementation of prototype 1 of the HANDS Toolset in close cooperation with WIDK and EDG. Various sprints have been released and the partners have responded on these early releases. The comments from the partners are taken into account in the further development of the toolset.

At the project Board Meeting and Workshop in Budapest, November 24-25, 2008, it was also decided to form a group in charge of the formulation of the common test program. This program should be based on input from the universities and from the test schools. Principal Lecturer in Education Joseph Mintz, LSB, was elected chairman of this group. The work in this group resulted in the test plan presented in the deliverable D6.2.1.

Meeting etc. in HANDS:

Face-to-face meetings:

Kick-off meeting: June 2008, Slettestrand, Denmark.

HANDS Workshop on HIPD, Oct. 3, 2008, Aalborg, Denmark.

Project board meeting and seminar: Nov. 24-25, 2008, Budapest, Hungary.

Seminar on Ethics in HANDS: Nov. 18, 2008, Aalborg, Denmark.

Seminar on HANDS Tools Specification: Jan. 2009, Aalborg, Denmark.

During the first year of the project period the partners have met at a general kick-off seminar in June 2008 in Denmark and representatives from the partners have met for a seminar and a project board meeting in Budapest, November 24-25, 2008. The agreement is that a general meeting (seminar) and at least one additional project board meeting should be held each year. Besides some of the partners have met for workshops etc. and they have communicated frequently using the HANDS communication platform established using the Moodle system.

In addition, it should be mentioned that there has been a close cooperation with the Ethical Board (EB).

EB was formed in Feb. 2009. During Aug.-Oct. 2008 all partners suggested members for EB. Based on these suggestions the co-ordinator appointed the members in Nov. 2008. Two members from each of the four countries with partner schools (UK, Hungary, Sweden and Denmark) were appointed. Further details can be found in the annual report from the EB.

All deliverables, which have been expected according to Annex I, have been handed in on time.



6. EXPLANATION OF THE USE OF THE RESOURCES

The work in the project has been carried out according to the description of work in Annex I, in the Tables 3.1 to 3.11 below, the use of the resources for each partner is explained. Also, there is an explanation to any differences towards the budget for the first year of the project.

The differences in personnel costs between the actual expenditure and the budget for this reporting period (€ 105.674 less than budget) can mainly be explained by the following:

- Less spent due to the late recruitment of personnel (Beneficiary 6)
- Hours pushed forward to year two (Beneficiaries 3, 6, 7,8)
- Salary for chairman of Ethical Board was not recorded in the financial system until after May 31, and thus not part of the expenses reported for the first year (Beneficiary 1).

Two partners, Beneficiaries 2 and 4, have spent extra hours as the activities in some WPs are slightly ahead of schedule; and one partner, Beneficiary 10, has spent extra hours during this reporting period mainly due to the early arranging of the General Meeting in June 2009, which was hosted by this particular partner.

The expenses declared as Other Direct Costs consist mainly of travel costs as well as the purchase of PDAs or smart phones, testing material etc. One partner, Beneficiary 5, has purchased an eye-tracking system; please refer to WP2 task T2.2 and T2.3 (p.13) for more information regarding the use of this system¹.

The consortium as a whole has spent € 53.658 less in Other Direct Costs than expected this year. This is mainly due to the fact that most PDAs or smart phones have been or will be bought after the end of this reporting period mainly due to more detailed work on specifications and requirements than expected.

In total, the consortium has spent app. € 251.608 less than budgeted during the first year of the project.

Below please find one table per Beneficiary explaining the use of resources for each partner.

¹ Also please refer to Annex I to the contract, p.86.

TABLE 3.1 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 1 (AAU) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
1, 4, 6, 7, 8	Personnel costs	172.009,61	In total 32.76 man months (Management: 7.27; RTD: 25.49). Prof.: 2.19 mm; Assoc. Prof.: 2.10 mm; Assist. Prof.: 24.02 mm; Admin: 4.46 mm. We are app. € 4,800 below budget, mainly due to the fact that the Ethical Board chairman salary for Y1 (€ 4.167) was paid after the end of the reporting period.
	Subcontracting	0,00	
	Major cost items	0,00	
	Remaining costs	29.942,00	Kick-off meeting, June 2008, Project Board meeting, November 2008, seminars. AAU has paid the hotel expenses related to Kick-off, General and PB-meetings for all partners.
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		201.951,61	

TABLE 3.2 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 2 (WIDK) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
5, 6, 8	Personnel costs	51.862,40	We have used 7.08 man months during the first year. This is more than expected (app. 6,000 euro), and is mainly due to more support in WP5 to transfer knowledge on the selected framework to WIRU. This was not a planned activity in the original project plan, but we believe this has increased the expected value of the activities in WP5 greatly for the whole project. We also managed to start some activities in WP8 on business model ahead of time, so this activity did cost man hours that was originally planned to be used in Y2. We see this as a benefit for the project, that this work is started early, since the interests in Autism society worldwide has been much greater than anticipated. The extra spending in Y1 will hence not cause the total budget for Wirttek Denmark in HANDS project to change.
	Subcontracting	0,00	
	Major cost items	0,00	
	Remaining costs	1.237,85	Travel and web hotel.
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		53.100,25	

TABLE 3.3 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 3 (WIRU) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
5	Personnel costs	46.378	Salaries of 8 developers for 2 months each and 1 project manager for 4 months in 2008 and salaries of 6 developer for 2 months each and 1 project manager for 5 months. The work with prototype one will carry on into year 2, thus hours originally budgeted for year 1, have been pushed to the next reporting period.
	Subcontracting	0,00	
	Major cost items	0,00	
	Remaining costs	7.463,68	Travel /1 HTC Diamond
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		53.841,68	

TABLE 3.4 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 4 (EDG) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
4, 5	Personnel costs	103.697,14	Extra hours spent on user cases, description of story-cases as well as workshops. As the project has progressed faster than expected, hours have been moved from Y2 to Y1.
	Subcontracting	0,00	
	Major cost items	0,00	
	Remaining costs	2.253,83	Travel and equipment
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		105.950,97	

TABLE 3.5 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 5 (ELTE) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
2	Personnel costs	8.840,00	Salaries of 2 researchers for 12 months and 1 research assistant for 6,5 months, 1 research assistant for 6 months, 1 research assistant for 4 months and one administrative assistant for 6 months. The preparation of prototype one was originally planned for the second half of the first year, but this has been rescheduled to the first half of the second year.
	Subcontracting	0,00	
	Major cost items	16.592,00	Eye-tracker
	Remaining costs	2.436,00	Travel
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		27.868,00	

TABLE 3.6 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 6 (LSBU) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
2, 3, 4, 6, 7, 8	Personnel costs	51.425,95	Salary of 1 Research Assistant for 9 months, hours of 1 member staff at Senior Lecturer Grade for 1.3 months, one at Principal Lecturer Grade for 2.47 months, one at full Professor Grade at 0.2 months. The Personnel is under-spent against projections due to late recruitment to the Researcher post, and significant reduction in the value of sterling to the Euro. Operational development of the project has indicated increased staff input will be required in Year 2 for a) the WP3 data analysis, including staff resources for transcription and translation costs and b) additional test coordination resources for WP6.
	Subcontracting	0,00	
	Major cost items	0,00	
	Remaining costs	3.397,52	Travel expenses for project meetings. Under-spend against projections, (partly due to Beneficiary 1 AAU undertaking some expenditure on accommodation for PB and General Meetings). Operational development of the project has indicated likely increased costs for travel and subsistence in Y2, particularly in relation to data collection activities in WP3. The purchase of PDAs and some other project relevant equipment has required more detailed work on specification of requirements than was originally expected. Thus purchases against this category, which were expected in Y1, will be spent in the early part of Y2.
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		54.823,47	

TABLE 3.7 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 7 (NAS) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
6	Personnel costs	21.052,00	Salaries costs for Senior Education Psychologist, Teachers, Bursar. Teachers time was not used until October, hence the under-spending at this budget line.
	Subcontracting	0,00	
	Major cost items	0,00	
	Remaining costs	4.909,80	Travelling, assessment software, etc. Under-spend mainly due to Beneficiary 1, AAU, undertaking some expenditure on accommodation for PB and General Meetings and the fact that expenses relating to devices will be incurred from 01.06.2009
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		25.961,80	

TABLE 3.8 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 8 (EGE) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
4, 5, 6	Personnel costs	28.388,90	Salaries for one headmaster, one head of department, two teachers and one secretary for year 1. Approx 3 man-months have been used. The reason for the lower cost of personnel is that we have pushed the personnel costs forward to year 2 for the prototype testing, where we expect a greater number of personnel to participate.
	Subcontracting	0,00	
	Major cost items	0,00	
	Remaining costs	4.109,46	Travel expenses for General Meeting in Slettestrand, Project Board Meeting in Budapest and HANDS seminar in London. Purchase of 3 mobile phones for the HANDS project to teachers. We expect to buy approx. 17 mobile phones with contracts before august 1st. Besides that AAU have been paying for some of the meetings through year 1. Therefore the lower costs in year 1.
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		32.498,36	

TABLE 3.9 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 9 FOR THE PERIOD

Work Package	Item description	Amount	Explanations
	Personnel costs		Beneficiary 9 left the consortium during the negotiation phase.
	Subcontracting		
	Major cost items		
	Remaining costs		
TOTAL DIRECT COSTS AS CLAIMED ON FORM C			

TABLE 3.10 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 10 (UP AB (SE)) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
4, 6	Personnel costs	25.060,00	Teachers, psychologist, Head Master – salaries. Higher, compared to budget, due to initial work load in project as well as arranging overall project meeting.
	Subcontracting	0,00	
	Major cost items	0,00	
	Remaining costs	6.920,00	Travel, PDAs, test expenses etc.
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		31.980,00	

TABLE 3.11 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 11 (AF) FOR THE PERIOD

Work Package	Item description	Amount	Explanations
2, 6	Personnel costs	35.060,38	5 professionals' and 2 administratives' salary, plus employers and employees contributions (etc. pension, health care, etc.) from 1 st June, 2008 until 31 st May, 2009., according to their work-hours in HANDS project.
	Subcontracting	0,00	
	Major cost item	956,78	1 set WISC (IQ) test battery for testing
	Major cost item	953,32	Computer (Intel i7/4GB/500FSP; Ben Q 21,5" monitor, Logitech speaker phone
	Remaining costs	10.119,45	Travel, smart phones, video cameras for test recording
TOTAL DIRECT COSTS AS CLAIMED ON FORM C		47.089,93	

7. FINANCIAL STATEMENTS – FORM C AND SUMMARY FINANCIAL REPORT

Separate financial statement from each beneficiary can be found in Annex A to this report.

8. CERTIFICATES

List of Certificates which are due for this period, in accordance with Article II.4.4 of the Grant Agreement.

THE LIST OF CERTIFICATES

Beneficiary	Organisation short name	Certificate on the financial statements provided?	Any useful comment, in particular if a certificate is not provided
1	AAU	No	
2	WIDK	No	
3	WIRU	No	
4	EDG	No	
5	ELTE	No	
6	SBU	No	
7	NAS	No	
8	EGE	No	
10	UP AB	No	
11	AF	No	

ANNEX A
FORM C FROM EACH PARTNER

FP7 - Grant Agreement - Annex VI - Collaborative project

Summary Financial report - Collaborative project

Project acronym	HANDS	Project nr	224216	Reporting period from	01/06/2008	to	31/05/2009	Page	1/1
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Funding scheme		CP		Type of activity								Total		Req. EC Contrib.	Receipts	Interest
				RTD (A)		Demonstration (B)		Management (C)		Other (D)		Total (A+B+C+D)				
Benef. nr	If 3rd Party, linked to benef.	Adjustment (Yes/No)	Organisation Short Name	Total	Max EC Contrib.	Total	Max EC Contrib.	Total	Max EC Contrib.	Total	Max EC Contrib.	Total	Max EC Contrib.			
1		No	AAU	251,963	188,972	0	0	71,158	71,158	0	0	323,121	260,130	260,130	0	10,747
2		No	WIDK	76,995	57,746	0	0	0	0	0	0	76,995	57,746	57,746	0	
3		No	WIRU	84,532	63,399	0	0	0	0	0	0	84,532	63,399	63,399	0	
4		No	EDG	169,522	127,141	0	0	0	0	0	0	169,522	127,141	127,141	0	
5		No	ELTE	44,588	33,441	0	0	0	0	0	0	44,588	33,441	33,441	0	
6		No	SBU	87,718	65,788	0	0	0	0	0	0	87,718	65,788	65,788	0	
7		No	NAS	41,539	31,154	0	0	0	0	0	0	41,539	31,154	31,154	0	
8		No	AAK	51,996	38,997	0	0	0	0	0	0	51,996	38,997	38,997	0	
10		No	UP AB	51,168	38,376	0	0	0	0	0	0	51,168	38,376	38,376	0	
11		No	AF	75,344	56,508	0	0	0	0	0	0	75,344	56,508	56,508	0	
Total				935,365	701,522	0	0	71,158	71,158	0	0	1,006,523	772,680	772,680	0	

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	AALBORG UNIVERSITET	Participant Identity Code	999904034
Organisation Short Name	AAU	Beneficiary nr	1
Funding % for RTD activities (A)	75	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	134,360	0	37,649	0	172,009
Subcontracting	0	0	0	0	0
Other direct costs	23,117	0	6,825	0	29,942
Indirect costs	94,486	0	26,684	0	121,170
Total costs	251,963	0	71,158	0	323,121
Maximum EC contribution	188,972	0	71,158	0	260,130
Requested EC contribution					260,130

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

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 ?

If yes, please mention the amount (in €)

Yes

10,747

4. Certificate on the methodology

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

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

No

No

Name of the auditor		Cost of the certificate (in €), if charged under this project	
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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
	Richard Gajhede, Chief Accountant
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	WIRTEK A/S	Participant Identity Code	999626226
Organisation Short Name	WIDK	Beneficiary nr	2
Funding % for RTD activities (A)	75	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	51,862	0	0	0	51,862
Subcontracting	0	0	0	0	0
Other direct costs	1,238	0	0	0	1,238
Indirect costs	23,895	0	0	0	23,895
Total costs	76,995	0	0	0	76,995
Maximum EC contribution	57,746	0	0	0	57,746
Requested EC contribution					57,746

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	
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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 €)	
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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
	Michael Aen
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	WIRTEK S.R.L.	Participant Identity Code	999597708
Organisation Short Name	WIRU	Beneficiary nr	3
Funding % for RTD activities (A)	75	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	46,378	0	0	0	46,378
Subcontracting	0	0	0	0	0
Other direct costs	7,464	0	0	0	7,464
Indirect costs	30,690	0	0	0	30,690
Total costs	84,532	0	0	0	84,532
Maximum EC contribution	63,399	0	0	0	63,399
Requested EC contribution					63,399

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	
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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
	Dan Kobliska
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	EDVANTAGE GROUP AS	Participant Identity Code	999633210
Organisation Short Name	EDG	Beneficiary nr	4
Funding % for RTD activities (A)	75	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	103,697	0	0	0	103,697
Subcontracting	0	0	0	0	0
Other direct costs	2,254	0	0	0	2,254
Indirect costs	63,571	0	0	0	63,571
Total costs	169,522	0	0	0	169,522
Maximum EC contribution	127,141	0	0	0	127,141
Requested EC contribution					127,141

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	
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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 €)	
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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
	John Topping
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	EOTVOS LORAND TUDOMANYEGYETEM	Participant Identity Code	999896468
Organisation Short Name	ELTE	Beneficiary nr	5
Funding % for RTD activities (A)	75	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	8,840	0	0	0	8,840
Subcontracting	0	0	0	0	0
Other direct costs	19,028	0	0	0	19,028
Indirect costs	16,720	0	0	0	16,720
Total costs	44,588	0	0	0	44,588
Maximum EC contribution	33,441	0	0	0	33,441
Requested EC contribution					33,441

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	
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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 €)	
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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
	Bartha, Edit
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	LONDON SOUTH BANK UNIVERSITY	Participant Identity Code	999911309
Organisation Short Name	SBU	Beneficiary nr	6
Funding % for RTD activities (A)	75	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	51,426	0	0	0	51,426
Subcontracting	0	0	0	0	0
Other direct costs	3,398	0	0	0	3,398
Indirect costs	32,894	0	0	0	32,894
Total costs	87,718	0	0	0	87,718
Maximum EC contribution	65,788	0	0	0	65,788
Requested EC contribution					65,788

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	
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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 €)	
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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
	K.A.Bowen
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	THE NATIONAL AUTISTIC SOCIETY	Participant Identity Code	999663086
Organisation Short Name	NAS	Beneficiary nr	7
Funding % for RTD activities (A)	75	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	21,052	0	0	0	21,052
Subcontracting	0	0	0	0	0
Other direct costs	4,910	0	0	0	4,910
Indirect costs	15,577	0	0	0	15,577
Total costs	41,539	0	0	0	41,539
Maximum EC contribution	31,154	0	0	0	31,154
Requested EC contribution					31,154

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
	Principal Jacqui Ashton Smith
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	AALBORG KOMMUNE	Participant Identity Code	999652804
Organisation Short Name	AAK	Beneficiary nr	8
Funding % for RTD activities (A)	75	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	28,389	0	0	0	28,389
Subcontracting	0	0	0	0	0
Other direct costs	4,109	0	0	0	4,109
Indirect costs	19,498	0	0	0	19,498
Total costs	51,996	0	0	0	51,996
Maximum EC contribution	38,997	0	0	0	38,997
Requested EC contribution					38,997

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
	Henrik Thomsen
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	UTVECKLINGSPEDAGOGIK SVERIGE AB	Participant Identity Code	999601976
Organisation Short Name	UP AB	Beneficiary nr	10
Funding % for RTD activities (A)	75	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	25,060	0	0	0	25,060
Subcontracting	0	0	0	0	0
Other direct costs	6,920	0	0	0	6,920
Indirect costs	19,188	0	0	0	19,188
Total costs	51,168	0	0	0	51,168
Maximum EC contribution	38,376	0	0	0	38,376
Requested EC contribution					38,376

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
	Niklas Ahlström
	Date & signature

FP7 - Grant Agreement - Annex VI - Collaborative project

Form C - Financial Statement (to be filled in by each beneficiary)

Project Number	224216	Funding scheme	Collaborative project
Project Acronym	HANDS		
Period from	01/06/2008	Is this an adjustment to a previous statement ?	No
To	31/05/2009		
Legal Name	AUTIZMUS ALAPITVANY	Participant Identity Code	999622831
Organisation Short Name	AF	Beneficiary nr	11
Funding % for RTD activities (A)	75	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	35,060	0	0	0	35,060
Subcontracting	0	0	0	0	0
Other direct costs	12,030	0	0	0	12,030
Indirect costs	28,254	0	0	0	28,254
Total costs	75,344	0	0	0	75,344
Maximum EC contribution	56,508	0	0	0	56,508
Requested EC contribution					56,508

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
	Dr. Anna Balázs
	Date & signature