DELIVERABLE

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D6.3
Proceedings of the WP6 workshop

Revision: Final

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Organisation name of lead contractor for this deliverable:
FDCGO

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ICT PSP – ETNA project (270746) Deliverable D6.3—21/03/2013
### Revision History

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<td>06/03/2013</td>
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### Statement of originality

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

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Sabrina Vincenti (FDCGO)

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Executive Summary

The fifth ETNA Workshop was held in Milano, Italy, at the Fondazione Don Carlo Gnocchi on February, 21-22, 2013. It was the first event in conjunction with the ATIS4all network, working in the same cluster: it was meant to share the current progress of the two projects and present the first operational steps towards the future Portal. Discussion also addressed the integration of the ETNA Information System and the ATIS4all collaborative portal, and set the ground for assessment and validation activities. The workshop was attended by representatives of all ETNA and ATIS4all partners, of the EASTIN partners and National Contact Organisations and other invited guests.

This deliverable describes in detail the workshop programme; it collects all the contributions presented by the various speakers; it also reports the outcomes of the plenary discussion that took place during the second day, in Session 5, regarding the issue of Portal assessment and validation.

The first chapter (Objectives) illustrates the main research goals of the workshop, as well as its importance as occasion to sum up the achievements attained by both the TNs during these two years and to proceed with a common and effective strategy leading to the actual fulfilment of the project in the last year. The structure of the two-day agenda is also explained.

The second chapter (The Workshop) depicts the actual development of the workshop, describes the sequence of presentations made by participants and reports the outcomes of the final plenary brainstorming.

The third chapter (The Assembly) contains the minutes of the official ETNA Assembly of partners.

The Annexes include:

- the workshop agenda (Annex 1)
- all the presentations delivered by the speakers (Annex 2 to 12)
- the outcomes of Session 5 (Annex 13 to 17)

All this material is available on the project website www.etna-project.eu.
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ANNEX 17 Outcomes of Working Group 5: "Technical integration issues"
Report of the Workshop

Objectives

The overall goal of the ETNA thematic network is to establish a European web portal able to provide information on assistive products based on ICT (information and communication technologies) and e-accessibility solutions which are available in Europe, and on related organizations and services. The Portal will be developed in collaboration with ATIS4all (Assistive Technologies and Inclusive Solutions for All) – another Thematic Network belonging to the same cluster.

The Portal – expected to be released at the end of 2013, in agreement with the EASTIN Association with the name “EASTIN 2.0” – will evolve from the current EASTIN system. It will include the ETNA information system – a search engine that aggregates information from various providers and repositories – and a community connecting all stakeholders. Implementing the information system is responsibility of the ETNA network, while the community (more properly called collaborative portal) is responsibility of ATIS4all.

This Workshop was the fifth of the six workshops planned within both the ETNA and ATIS4All projects, and it’s the first joint event involving both networks, in order to boost collaboration and enhance exchange between the partners of the two Consortia, according to recommendation REC (9) following the First Annual Review, fostering more cooperation with ATIS4all, also in order to improve dissemination and visibility.

The workshop was thus mainly focused on sharing the projects’ progress and future milestones, finding a common agreement on the next operational phase leading to the release of the future Portal. Main issues regarded the integration of the ETNA Information System and the ATIS4all collaborative portal and preliminary work for assessment and validation activities.

Besides offering valuable food for thought on relevant themes, the workshop also represented an important occasion for the partners of the two Consortia, to get to know each other personally, and also to have a clearer idea of the expectations and outcomes reached by both networks.

The event was split in two parts. The first day was devoted to the progress report of the two Thematic Networks and to the first releases of the Portal’s prototypes, resulting from the joint efforts of the ETNA and the ATIS4All networks. The second day was focused on upcoming milestones, including dissemination plans and Portal validation, on which theme the working groups were focused.

The Workshop

The two-day agenda is shown in the Workshop programme (Annex 1).

First day: Thursday 21 February

The first day was opened by the welcome speech of the Health Regional Minister (Annex 2), followed by the FDCGO Scientific Director, whereas the actual start to the workshop was given by the ETNA Project Leader, Mr Renzo Andrich and the ATIS4all Project Leader, Mr Roberto Torena, within Session 1. They summarized the work done so far and the steps to be taken, especially giving an insight into the issues to be tackled during the
next two days (Annex 3, Annex 4).

Session 2, chaired by Mari Satur Torre, was devoted to the presentation of the first prototypes of the ETNA Information System, thoroughly illustrated by its developer, Mr Andrea Agnoletto (Annex 5) and of the ATIS4all Collaborative Portal, described by Mr Roberto Torena (Annex 6).

Session 3, facilitated by Mr Luis Azevedo, was devoted to a practical description of how to feed the Portal, in terms of uploading resources and involving information providers as far as the ETNA Information System is concerned (Annex 7, by Mr Valerio Gower), while in relation to the ATIS4all Collaborative Portal, Mr Victor Hernández showed how to allow key-actors to participate in the marketplace and in the R&D Community (Annex 8).

Second day: Friday 22 February

Session 4, chaired by Mr John Gill, was focused on the imminent milestones to be reached by both networks. The first one, particularly relevant during the last year of project, is represented by planning an effective dissemination strategy, illustrated by Ms Sabrina Vincenti for ETNA (Annex 9) and by Mr Victor Hernández for ATIS4all (Annex 10). The following presentations regarded the upcoming work packages to be started by the two TN. Ms Jeanne Heijkers thus delivered a presentation of the methodologies for ETNA field test and evaluation (Annex 11), whereas Mr Victor Hernández explained how to enhance dynamic participation in the ATIS4all Collaborative Portal (Annex 12).

Session 5 was aimed at actively involving participants in brainstorming and discussion about assessment and validation of the Portal, investigating the effectiveness of strategies adopted until now, in meeting the stakeholders’ expectations, from different perspectives. Participants were thus divided into 5 working groups: “Effectiveness assessment and validation”, “Usability assessment and validation”, “Marketplace: how to make it alive”, “Research and development community: how to make it alive” and “Technical integration issues”.

Each group was composed of 6, up to 8 people, besides the facilitator and the rapporteur. Though WG1 and WG2 were basically addressed to ETNA partners, as well as WG3 and WG4 to ATIS4all members, participants had the opportunity to choose which group to join, according to their interests and expertise in the themes that had been suggested, also in order to have different points of view from each other’s networks. WG5 was reserved to ICT technicians, as ..


The outputs of each group were then presented in a plenary session, during Session 6 “The way forward”.

The ETNA Assembly

The closing Session was officially dedicated to the ETNA Assembly of partners. The agenda included:

- 2nd year Review (Luxembourg April 4th)
- Next ETNA Workshop (Vilamoura 18-19 Sep 2013)
- Launch events
The Project leader, Mr Renzo Andrich, reminded all partners of the forthcoming Review to be held in Luxemburg on April 4th, inviting to participate as much as they can.

The date for the 6th and last ETNA Workshop was established: as already planned, it is going to take place in conjunction with the AAATE 2013 Conference in Vilamoura, Portugal. As satellite event, it will precede the meeting on September 17-18, 2013. This workshop, joint with ATIS4all, is meant to represent the major launch event of the Portal, though ETNA partners were asked for proposing other relevant occasions that could serve as promotional events, and draft a calendar of them, in connection with the implementation of the dissemination plan.

As far as webinars are concerned, once educational meetings presenting partner organizations were concluded, it was decided to keep monthly meetings for maintaining contacts among partners and open discussion about internal issues, starting from dissemination and validation.

With regard to the dissemination strategy, partners’ commitment and engagement were solicited, though it was agreed that it would be better to wait for September 2013 on for substantial dissemination actions, as the project outputs will be more concrete and visible.
European Thematic Network on Assistive Information and Communication Technologies

ETNA/ATIS4all joint Workshop

TOWARDS THE FUTURE EASTIN 2.0
The first prototypes

Fondazione Don Carlo Gnocchi Onlus, Milano, Italy
February 21-22, 2013
PROGRAMME

The ETNA and the ATIS4all networks are jointly working at facilitating and co-ordinating – over a period of three years – the implementation of a European Web Portal able to provide information on ICT-based Assistive products and e-Accessibility solutions which are available in Europe, and on related organisations and services. The intended audience includes various stakeholders, such as end-users, professionals, manufacturers/suppliers, researchers/developers and policy-makers.

The Portal – expected to be released at the end of 2013, in agreement with the EASTIN Association with the name EASTIN 2.0 – will evolve from the current EASTIN system (www.eastin.eu). It will include the ETNA information system – a search engine that aggregates information from various providers and repositories – and the ATIS4all collaborative portal connecting all stakeholders. Implementing the information system is responsibility of ETNA, while the collaborative portal is responsibility of ATIS4all.

This meeting is the fifth of the six workshops scheduled within both the ETNA and ATIS4All projects, and it’s the first joint event involving both networks, in order to boost collaboration and enhance exchange between the partners of the two Consortia. The workshop aims to show and share the current progress of the two projects and present the first operational steps towards the future Portal. The discussion will address the integration of the ETNA Information System and the ATIS4all collaborative portal, and set the ground for assessment and validation activities. The agenda also previews the discussion of the future milestones of the two Thematic Networks and the planning of a joint dissemination strategy for the last year of project.

Attendance to the workshop will include representatives of all ETNA and ATIS4All partners, of the EASTIN partners and national contact Organisations and other invited guests.

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FINAL AGENDA

**Thursday 21st February**

**h. 14.00**  Welcome and registration

**h. 14.30**  Opening Session
- Mario Melazzini, Health Regional Minister
- Angelo Bazzari, President, FDCGO
- Paolo Mocarelli, Scientific Director, FDCGO

**h. 15.00**  Session 1: Progress of ETNA and ATIS4all
- **ETNA progress**
  Renzo Andrich, FDCGO
- **ATIS4all progress**
  Roberto Torena, TECHNOSITE

**h. 15.30**  Session 2: First release of the Portal
Chair: Mari Satur Torre, FVE
- **Presentation of the ETNA Information System**
  Andrea Agnoletto, FDCGO
- **Presentation of the ATIS4all Collaborative Portal**
  Roberto Torena, TECHNOSITE

**h. 16.30**  Coffee break

**h. 17.30**  Session 3: Hands-on Session
Chair: Luis Azevedo, ANDITEC
- **Tutorial: feeding the Information System (how to upload resources, how to “plug-in” information providers)**
  Valerio Gower, FDCGO
- **Tutorial: feeding the Collaborative Portal (how to participate in the marketplace, in the R&D community, in the key actors space)**
  Victor Hernández, TECHNOSITE

**h. 18.00**  Conclusion

**h. 20.00**  SOCIAL PROGRAMME
h. 09.00  Session 4: Upcoming milestones  
Chair: John Gill, JOHN GILL LTD  
- Joint dissemination actions ETNA-ATIS4all  
  Sabrina Vincenti, FDCGO; Victor Hernández, TECHNOSITE  
- Field test and validation methodologies (ETNA WP7)  
  Jeanne Heijkers, HZ  
- Dynamic participation in the Portal (ATIS4all WP5)  
  Victor Hernández, TECHNOSITE  

h. 10.00  Session 5: Portal Assessment and Validation (Parallel Working Groups)  
  
  o WG1: Effectiveness assessment and validation  
    Facilitator: Stefania Bocconi, CNR  
    Rapporteur: Marc Wouters, VAPH  
  
  o WG2: Usability assessment and validation  
    Facilitator: Michael Hubert, FTB  
    Rapporteur: Katrijn Dekoninck, EASPD  
  
  o WG3: Marketplace: how to make it alive  
    Facilitator: Stefan Solinger, ABIL  
    Rapporteur: Paul Day, BDF  
  
  o WG4: Research and development community: how to make it alive  
    Facilitator: Kostas Votis, CERTH  
    Rapporteur: Thomas Holmstrøm Frandzen, DIGST  
  
  o WG5: Technical integration issues  
    Facilitator: Andrea Agnoletto, FDCGO  
    Rapporteur: To be defined  

h. 11.00  Coffee break  

h. 12.00  Session 6: The way forward  
Chair: Renzo Andrich, FDCGO  
Presentations by working groups; plenary discussion; conclusions/recommendations  

h. 13.00  (parallel) Assembly of the ETNA Consortium and CEB of the ATIS4all Consortium  

h. 13.45  End of the Workshop
ANNEX 2
Good morning,

first of all I would like to thank you for the invitation to attend this workshop, and I kindly ask you to transmit my greetings to all the people sitting in the room. I regret not being here today, as I wished, because of upcoming binding commitments.

I would like to take the opportunity offered by this event to confirm the actual support that Lombardy Region is providing in order to develop more and more effective policies. Indeed, we know well that population’s needs of assistance are growing, with a particular concern for frail people and especially the chronically ill.

Furthermore, the issue included in today’s agenda is a very living matter, close to anyone of us, since studying and developing leading-edge ICT-based projects and applications in the assistive technologies area, is already bringing about considerable advancements regarding inclusion, according to individualised paths, tailored on the single user’s needs.

With these brief considerations, I would like to draw attention on the relevance of your project and of your joint effort. I’m thus sure that this meeting will be helpful and fruitful, highlighting your daily engagement in care and assistance, carried on with passion and competence. I hereby take the chance to express once again my esteem and to greet all the attendees, wishing you good luck for your work.

Mario Melazzini

Health Regional Minister
ANNEX 3
ETNA/ATIS4all joint workshop

TOWARDS THE FUTURE EASTIN 2.0
The first prototypes

Fondazione Don Carlo Gnocchi Onlus, Milano, Italy
© February 21-22, 2013

Index of the presentation

- Overview of the ETNA progress
- Re-definition of the WP4 and WP5 scope
- The first prototype of the ETNA Information System
- Expectations for this workshop
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Workshops

Done
- 1st Workshop (Milano, IT, Mar 24-25, 2011)
- 2nd Workshop (Maastricht, NL, Aug 29-30, 2011)
- 3rd Workshop (Taastrup, DK, Jan 25-26, 2012)
- 4th Workshop (Linz, AT, Jul 10, 2012)

In progress
- 5th Workshop (Milano, IT, Feb 21-22, 2013), with ATIS4all

Planned
- 6th Workshop (Vilamoura, PT, Sep 17-18, 2013), with ATIS4all ?

ETNA progress 21.02.2013

Deliverables (first year)

WP1
- D1.1 > ETNA dissemination brochure (due 31.03.11 done 31.03.11)
- D1.2 > Thematic network website 1st rel (due 31.03.11 done 31.03.11)
- D1.3 > Thematic network website 2nd rel (due 31.12.11 done 09.03.12) *
- D1.4 > Annual Report #1 (due 31.12.11 done 09.03.12) *

WP2
- D2.1 > Proceedings of the First workshop (due 30.06.11 done 13.05.11)
- D2.2 > Synopsis of the information needs (due 30.06.11 done 17.06.11)

WP3
- D3.1 > Proceedings of the Second workshop (due 31.12.11 done 20.10.11)
- D3.2 > Synopsis of the existing resources (due 31.12.11 done 06.12.11)

WP8
- D8.1 > Archive of the ETNA Webinars #1 (due 31.12.11 done 09.03.12) *
ETNA progress 21.02.2013
Deliverables (secondyear)

WP1
- D1.5 > Search engine and interface specs (due 30.06.12 done 15.02.13) *
- D1.6 > Thematic Network Portal 1st release (due 31.12.12 done 15.02.13)
- D1.4 > Annual Report #2 (due 31.12.12 done 15.02.13)

WP2
- D2.2 > Synopsis of the information needs (resubmitted 15.02.13)

WP4
- D4.1 > Preparatory material ETNA ontology (due 31.03.12 done 07.06.12) *
- D4.2 > Taxonomy of resources (due 31.08.12 done 24.09.12)

WP5
- D5.1 > Preparatory material taxonomy m.t. (due 30.09.12 done 22.11.12)
- D5.2 > Taxonomy management tool (due 31.12.12 exp 30.09.13) **

WP6
- D6.1 > Partners’ webservices 1st release (due 31.12.12 done 15.02.13)

WP8
- D8.2 > Archive of the ETNA Webinars #2 (due 31.12.12 done 15.02.13)

ETNA progress 21.02.2013 - Webinars

Done
- Experience of FDG and AIAS (June 8, 2011)
- Experience of CNR and TUKE (September 14, 2011)
- Experience of TECNALIA and SU/DART (December 14, 2011)
- Experience of DLF and TNTU (February 8, 2012)
- Experience of DN and JKU (March 14, 2012)
- Experience of I WKOELN and FAIDDD (April 11, 2012)
- Experience of THL and EASPD (May 9, 2012)
- Experience of HZ and CEAPAT (June 13, 2012)
- Experience of CERTH and HACAVI (October 10, 2012)
- Experience of FTB and ACE (November 14, 2012)
- Experience of HMI and JohnGill (December 12, 2012)
**ETNA progress 21.02.2013**

**Milestones**

*Achieved*

- **MS1 >** Map of information needs (due Jun 30, 2011)
- **MS2 >** Map of existing resources (due Dec 31, 2011)
- **MS3 >** Taxonomy of resources (due Aug 31, 2012)
- **MS5 >** TN Portal, 1st release (due Dec 31, 2012)

*Next*

- **MS4 >** Taxonomy Management Tools (rescheduled Sep 30, 2013)
- **MS6 >** TN Portal, 2nd release (due Jun 30, 2012)
- **MS7 >** TN Portal, final (due Dec 31, 2012)

**Assembly of partners (twice a year)**

- **AP1 >** Kick-off webinar Jan 14, 2011
- **AP2 >** Maastricht Aug 30, 2011
- **AP3 >** Taastrup Jan 26, 2012
- **AP4 >** Linz Jun 10, 2012
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Management Committee (four times a year)

- MC1 > coinciding with Kick-off Jan 14, 2011
- MC2 > Milan, Mar 24, 2011
- MC3 > Maastricht, Aug 30, 2011
- MC4 > Webinar, Dec 21, 2011
- MC5 > Webinar, May 14, 2012
- MC6 > Linz Jun 10, 2012
- MC6 > Webinar, Oct 10, 2012
- MC7 > Webinar, Dec 12, 2012

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Technical meetings

- Madrid, Sep 21, 2011
  - FDCGO, TECHNOSITE: overall architecture of the ETNA and the ATIS4all webportals; User Rating and Comments tool
- Webinar, Mar 15, 2012
  - FDCGO: consultation with Université de Montréal, Canada (prof. L.Demers) on the use of the QUEST in the user rating and comments tool
  - FDCGO, CERTH: redefinition of the WP4 and WP5 scope
- Milan, May 31, 2012
  - FDCGO, TECHNOSITE: integration of the ETNA and the ATIS4all webportals
- Madrid, Sep 17, 2012
  - FDCGO, TECHNOSITE: integration of the ETNA and the ATIS4all webportals
## EU and external relations

**Done**
- ATIS4All Workshop 1 (Madrid, Mar 14-15, 2011)
- AAATE 2011 Conference (Maastricht, Aug 31 Sep 2, 2011)
- ATIS4All Workshop 2 (Prague, Sep 8-9, 2011)
- AEGIS Conference (Brussels, Nov 29-30, 2011)
- ATIS4All Workshop 3 (Madrid, 12-13 Mar 2012)
- EU Seminar on AT SDS (Copenhagen 21-22 May 2012)
- I CCHP 2012 Conference (Linz 11-13 Jul 2012)
- ATIS4All Workshop 4 (Madrid, 18-19 Sep 2012)

**Upcoming**
- ETNA Second Year Review (Luxembourg, 4 Apr 2013)

## Consortium

**Status changes**
- Fundacion Fatronik > Tecnalia
- Danish Centre for Assistive Technology > The National Board of Social Services (Socialstyrelsen)
- ACE Centre Charitable Trust > ACE Centre
Advertorial
European Regional Review
n. 23 Dec 2011

Europe’s regional and urban policy explained

Technologies for disability: a European Network

Advertorial
Pan European Networks Science and Technology

Sep 2012
**Old WP4 scope (DoW)**
- Ontology of products > ontology of “items that stand alone as assistive solutions”.

**Old WP5 scope (DoW)**
- Ontology of components > ontology of “items that don’t stand alone but can be assembled to other items to become assistive or e-accessibility solutions”

**Lessons learned in 2012**
- A “component” is just a variant of the concept of “product”.
- Same for “resources for developments” or “e-services”
- Not only “products” should be considered, but all products-related resources (products, companies, projects, literature etc.)
- A “taxonomy” is a better fit for the project rather than an “ontology”

**New WP4 scope**
- Taxonomy of resources (identifying/naming concepts and arranging them into classifications)
- No rescheduling needed

**New WP5 scope**
- Taxonomy management tools (on-line tools for the continuous maintenance and development of the taxonomy)
- Workpackage leadership reallocated from CERTH to FDCGO
- Rescheduling was needed (deadline moved to Sep 2013), however not critical for the development of the web portal
The ETNA Taxonomy

**Basic datasets**
- Products
  - any type, e.g. stand-alone, non stand-alone, resources for development etc.
- Organisations
  - companies, projects, service providers
- Associated Information
  - articles, case descriptions, ideas, FAQs, Forums, News, Regulations

**Detailed datasets**
- ICT-based products

**Taxonomy maintenance**
- Basic dataset: stable
- Detailed dataset: evolutionary > taxonomy management tool

---

**Basic datasets**

**Any resource**
- Insertion date; Latest update; Data provider; Country of data provider; Link to original document...

**Products**
- Product name; Manufacturer name; Primary ISO code; Additional ISO codes (if applicable); Description in original language; Description in English; Image; Link to download or purchase webpage; Link to user manual; etc...

**Organisations**
- Type (whether company, service provider, project); Short name; Full name; Full name in English; Address; Website; ISO codes; ICF codes; Description in original language; Description in English; etc...

**Associated Info**
- Type (whether article, case description, idea, FAQ, Forum, News, Regulation); Authors; Publication year; ISO codes; ICF codes; Description in original language; Description in English; etc...
Detailed datasets (products only)

- **Entities**
  - Overall dimensions; Operating system; etc.

- **Properties**
  - Overall dimensions: width (cm); length (cm); etc...
  - Operating system: Windows 8; Windows 7; Mac OS X; Android 4.x; etc
  - ...

- **Values**
  - Boolean: e.g. “Operating system / Windows 7”
  - Numeric: e.g. “width (cm) = 12; 14;”

- **Subdivision**
  - 4th level classification category: e.g. “223612.02 Eyegaze system” as a subcategory of ISO 223612 “Alternate input devices”

Maintaining the detailed dataset

- **Who**
  - Community (panels of experts)

- **Addition of a new taxonomy item**
  - A proposal is posted
  - Online discussion takes place
  - The proposer reviews the proposal and ask for voting
  - If accepted, the item is entered in the taxonomy

- **Relevance ranking within a given ISO 3rd level category**
  - Every expert ranks the item 1 to 5 (absolutely irrelevant / abs relevant
  - E.g. for ISO category “22.36.18 Input Software” item “Width (Overall dimensions)” is ranked “1”, item “Accelerometer (Input Devices)”, is ranked “3”, item “Mouse (Input Devices)” is ranked “5”.
  - In the data upload tool, items are sorted according to their relevance

- **Localisation in national languages**
  - EASTIN national contact organisation
Milestone 4:
ETNA Information System 1st release

- Published on http://test.eastin.eu
- Based on the EASTIN design
- Based on the new taxonomy
- Retro-compatibility with the old taxonomy
- Webservices specifications for providers “A”
- Upload Tool for providers “B”
- Search sections “Products” “Organisations” “Associated Info”
- Interactive sections “Upload tool” “Ratings & Comments”

- Tests by partners already started
- Validation exercises about to start according to a validation plan

Linking strategies (as foreseen by D3.2)
**What do we expect from this workshop**

- **To learn all details of the ETNA and ATIS4all prototypes**
  - Session 2 presentation
  - Session 3 tutorial

- **To agree on a validation, dissemination and participation strategy**
  - Session 4 Upcoming milestones

- **To set the ground for effective implementation**
  - Session 5: Parallel WGs
My personal expectation

**No**
- smart container, beautiful, empty, useless, staying in a museum...

**Yes**
- A useful tool, staying in the street, delivering fresh water everyday, smart to the extent it is needed...

Thanks for your attention!
ETNA/ATIS4all joint Workshop

ATIS4all progress

Milano, Italy
February 21st, 2013

Overall progress of the project. Starting point

Seed
Overall progress of the project. Year 1

Fertiliser

Gathering portal content

Seed

Plow the soil

Subject heading classification

Overall progress of the project. Year 2

Fertiliser

Gathering portal content

Seed

Plow the soil

Planning of portal tools and apps. Development of Collaborative Portal

ICT PSP – ETNA project (270746)

Deliverable D6.3 – 21/03/2013

Annex 4 pg 2/6
Expected progress of the project. Year 3

Sun
- Sponsors
- Updated content

Irrigate
- Forum participation
- Active members

Fertiliser
- Blossom

Seed
- Plow the soil

Second Annual Report (Review on April 3rd)

Overall assessment
The project has achieved most of its objectives for the period with relatively minor deviations

Good/ Over-performance
- Network Coverage
- Network Management
- Key actors/ supporters Involvement
- International Impact (with exception of the press releases)
- Resources in the Market Place and R&D communities
- Dissemination in social networks

Underperformance
- Activity in the Market Place and R&D communities, and Key actors section
- Involvement of key actors as members of the portal
D3.1. Summary of changes within the Project consortium
D3.2. Minutes of the workshop and meeting
D3.3. +3.5 Final report on information resources to include in the thematic network portal
D3.4 +3.6. Report on planning and design of the tools to the self-management of the thematic network portal
D3.7. Report of the updated strategy for dissemination and exploitation and associated action plan
D3.8. Summary of dissemination and exploitation actions

D4.1. Summary of changes within the Project consortium
D4.2. Minutes of the workshop and meeting
D4.3 + D4.4 + D4.5. The ATIS4all collaborative portal
D4.6. Summary of dissemination and exploitation actions
Launch of the ATIS4all collaborative portal!!

New activities:
- Active participation in the portal Forums
- Involvement of registered users of the portal
- Find/engage potential sponsors

Continued activities:
- Information gathering of relevant resources
- Identification of additional supporters
- Contribution in dissemination/exploitation actions
Thank you for your attention

Roberto Torena Cristóbal
ATIS4all coordinator &
New Business Development Manager
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ANNEX 5
ETNA information system

The new ETNA information system has been built on the basis of the current EASTIN Portal. The main extensions implemented are three:

- an enriched data set of information describing AT products, companies, etc.;
- a new central repository to upload AT products, companies, etc., inside the ETNA system directly, using the new Upload Tool;
- the integrated functions developed jointly with the Atis4All collaborative portal.

EASTIN extensions

ICT PSP – ETNA project (270746)
Deliverable D6.3 – 21/03/2013
Annex 5 pg 1/1
ANNEX 6
ETNA/ ATIS4all joint Workshop
ATIS4all Collaborative Portal
Milano, Italy
February 21st, 2013

The Portal in the clustered results

Search engine
Assistive Technology products
Inclusive solutions
Components

Community
The Market place
Web 2.0 applications
Information sources
R&D Community
Web 2.0 applications
Information sources
Key actors section

Websites
ATIS4all website
ETNA website

Application for users’ ratings and comments
Philosophy behind the portal

1. **Categorization:** preliminary selection of type of contents for the Market Place and R&D community - (WP1)

2. **Compilation by brainstorming:** Set priorities on the type of contents covered by the Market Place and R&D community - (WP2)

3. **Selection of information sources:** Analysis of the sources of information based on web resources using the WIKI and group discussion - (WP2).

4. **Gathering of information items:** Collection of information items to be published in the portal - (WP3-WP4)

5. **Planning and design of the tools to the self-management of the portal:** The criteria has been accessibility, usability, topic priorities, and minimization of maintenance cost (usage of CMS and RSS) - (WP3)

6. **Development of the portal** (WP4)

7. **Validation/Reporting of errors:** (Feb 2013)
Tracker Pro Kopfmaus

Eingeben von Text (ISO 22.30.21)

Hersteller: Masterac Ltd


Letzte Aktualisierung: 07.02.2011

Datenbank: Liborab (DE)
3 reviews for this product

Overall

<table>
<thead>
<tr>
<th>Validation</th>
<th>N° of reviews</th>
<th>Average rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 - 5 stars</td>
<td>200</td>
<td>2.5</td>
</tr>
<tr>
<td>3 - 4 stars</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>2 - 3 stars</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>1 - 2 stars</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

go to detailed statistics

***** / Andrea Agnolotto (19.02.2013)
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Elit vehicula vulputate tellus, ut sodales. (see all)
Market Place section

Best practices
- Latest best practices: list of the last 5 best practices published on the portal
- Most popular best practices: list of the most voted 5 best practices
- Submit best practices
- Search best practices.

Legislation
- European legal information:
  - Key documents
  - Latest updates
- National legal information:
  - Key documents
  - Latest updates
Standards on ICT ATs
- ISO standards
  - ISO standards
  - Latest updates
- CEN/ CENELEC standards
- ETSI standards
- Link with national databases
- Guidelines and technical specifications

Funding schemes
- Funding schemes regarding ICT-based AT per country
  - Key documents
  - Latest updates

Forum
- Hot Topics: Feeds from external key blogs from professionals
- Market Place Blog
Tools for ICT ATs development

- **Latest open software:** List of the last 5 open SW extracted from ETNA information system and fed by EASTIN database
- **Latest components:** List of the last 5 components extracted from ETNA information system and fed by EASTIN database

**Case studies**

- **Latest case studies:** list of the last 5 case studies published on the portal
- **Most popular case studies:** list of the most voted 5 case studies
- **Submit case studies**
- **Search case studies**
Standardisation processes
List of groups and committees working on ICT AT’s standardization processes

- ISO technical committees
- CEN/ CENELEC technical committees
- ETSI working groups
- Other international working groups

Publications

- Publications
- Academic material
- European research
- Newsletters
- Podcasts

Training materials

- Latest training materials: list of the last 5 training materials published on the portal
- Most popular training materials: list of the most voted 5 training materials
- Submit training materials
- Search training materials

Projects

- Current EU projects
- Research results
- Project open calls
- Project news
Forum

- **Hot Topics:** Feeds from external key blogs from professionals

- **R&D Blog**

Welcome to the ATIS4all Research and Development forum

- **Personal info**
  - Name
  - Email

- **Categories**
  - Project
  - Pilot

- **Tags**
  - Technology
  - Policy

---

Key actors
### Our Gurus
- List of gurus
- Detail page of each guru + personal RSS/Blog (if any)

### Our supporters
- List of supporters per type of industry

### Community Blog
- **Our opinion:** Integration of feeds from the blogs of our gurus (if feasible)
- **Community blog:** All registered users can see the posts, but only ETNA and ATIS4all partners, gurus and supporters can write post or make comments.

### Advanced people search
- **Advanced search of people:** link to a search page to look for gurus, supporters and all registered users.

---

### Be Part of It!

<table>
<thead>
<tr>
<th>Sun</th>
<th>Irrigate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsors</td>
<td>Forum participation</td>
</tr>
<tr>
<td>Fertiliser</td>
<td>Active members</td>
</tr>
<tr>
<td>Updated content</td>
<td>Blossom</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Seed</th>
<th>Plow the soil</th>
</tr>
</thead>
</table>

---

Deliverable D6.3 – 21/03/2013
Thank you for your attention

Roberto Torena Cristóbal
ATIS4all coordinator
&
New Business Development Manager
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Two options are available to provide resources to the ETNA information system:

1. For Provider A: implement Web Services that communicate to the ETNA information system.

2. For Provider B, C and D: manually upload the resources in the ETNA Central Database using the Upload Tool.

Image taken form Deliverable D 3.2
The Upload Tool

Who will use the upload tool?

- Information providers that are not willing to implement Web Services to connect their resources (Provider B)
- Members of the Community willing to make information on resources they have found online (in Provider B websites) available through the ETNA system

Upload Tool how it works

1. Go to http://test.eastin.eu
2. Log in to the System
3. Go to the Upload tool page
Upload tool

When entering for the first time this message is displayed

1. Assistive Products
2. Organizations: Companies, Projects, Service providers
3. Associated Information: Articles, Case descriptions, FAQs, Forums, Ideas, News, Regulations

Live demo
Provider A: connection through Web Services

This is the method currently used by the EASTIN partners to provide data to the EASTIN system:
> Every provider has to implement a **Web Service Server** following given specifications
> The ETNA information system implements the **Web Service Client**

---

ETNA Web Services – how they work

- The User makes a query in the ETNA website
- The Web Service Client sends the query to all the Providers
- The Web Service Servers respond with the resource (e.g. product)
- The list is displayed in the ETNA website
How to connect a database to the ETNA Information System using Web Services

➢ **EASTIN partners:** already have a Web Service Server implemented ⇒ if they want to comply with the ETNA standard, they must **Upgrade their Web Service**

➢ **New Providers**, willing to connect as Provider A, must **implement a Web Service Server** according to the ETNA Web Service Specifications

ETNA Web Services **extend** the current EASTIN Web Services ensuring **Backward compatibility**, if an EASTIN partner does not upgrade its Web Services the data provided will still be visible in the ETNA portal

---

**The ETNA dataset and taxonomy**

The ETNA Dataset Extends the current EASTIN Dataset ⇒ this is reflected in the Web Services specifications

For example in the **Product dataset** the following information have been added:

- **Manufacturer contact data**: Address, Postcode, Town, Country, Phone, Fax, E-mail, Website, Social network, Skype acc.
- **Links to further product details**: User manual, Video demo, Brochure, Download webpage, Further info
- **Technical details**: details of the product according to the **ETNA taxonomy**
Example of an Extended product dataset

**EASTIN Dataset**

Technical details can be sent as separate fields (according to the ETNA Taxonomy)

**ETNA Dataset**

Contact data is a new set of fields

Technical details are currently sent as text in the Description field

Link to further product details is a new set of fields

Example of Data type ProductDto

```java
CLASS ProductDto

• string ProductCode
• string IsoCodePrimary
• string[] IsoCodesOptional
• string CommercialName
• string ManufacturerName
• DateTime InsertDate
• DateTime LastUpdateDate
• string ThumbnailImageUrl
• string ManufacturerAddress
• string ManufacturerPostalCode
• string ManufacturerTown
• string ManufacturerCountry
• string ManufacturerPhone
• string ManufacturerFax
• string ManufacturerEmail
• string ManufacturerSkype
• string ManufacturerWebSiteUrl
• string[] ManufacturerSocialNetworkUrls
• string ImageUrl
• string Description
• string OriginalUrl
• string DownloadUrl
• string[] UserManualUrls
• string[] VideoUrls
• string[] BrochureUrls
• string[] FurtherInfoUrls
+ FeatureDto[] Features
```

New fields of the ETNA dataset
**ETNA taxonomy – Features**

<table>
<thead>
<tr>
<th>Overall dimensions</th>
<th>FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width (cm)</td>
<td></td>
</tr>
<tr>
<td>Length (cm)</td>
<td></td>
</tr>
<tr>
<td>Height (cm)</td>
<td></td>
</tr>
<tr>
<td>Weight (kg)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capacity / Range</th>
<th>FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnification (x)</td>
<td></td>
</tr>
<tr>
<td>Number of keys</td>
<td></td>
</tr>
<tr>
<td>Number of input channels</td>
<td></td>
</tr>
<tr>
<td>Signal range (m)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Output devices</th>
<th>FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speakers/headphones</td>
<td></td>
</tr>
<tr>
<td>Printer</td>
<td></td>
</tr>
<tr>
<td>Screen</td>
<td></td>
</tr>
<tr>
<td>Tactile display</td>
<td></td>
</tr>
<tr>
<td>Voice synthesis</td>
<td></td>
</tr>
<tr>
<td>Recorded sound</td>
<td></td>
</tr>
</tbody>
</table>

---

**ETNA taxonomy – 4th level subdivisions**

<table>
<thead>
<tr>
<th>ETNA Subdivisions</th>
<th>FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stationary image-enlarging reading apparatus</td>
<td></td>
</tr>
<tr>
<td>Stationary image-enlarging reading apparatus with connection units for computers</td>
<td></td>
</tr>
<tr>
<td>Portable image-enlarging reading apparatus</td>
<td></td>
</tr>
<tr>
<td>Accessories for image-enlarging reading apparatus</td>
<td></td>
</tr>
<tr>
<td>Concha/in-the-ear hearing aids</td>
<td></td>
</tr>
<tr>
<td>Completely in-the-canal hearing aids</td>
<td></td>
</tr>
<tr>
<td>Behind-the-ear hearing aids</td>
<td></td>
</tr>
<tr>
<td>Power behind-the-ear hearing aids</td>
<td></td>
</tr>
<tr>
<td>Voice amplifiers for personal use</td>
<td></td>
</tr>
<tr>
<td>Electric typewriters without memory</td>
<td></td>
</tr>
<tr>
<td>Electric typewriters with memory</td>
<td></td>
</tr>
<tr>
<td>Braille typewriters</td>
<td></td>
</tr>
<tr>
<td>Stenotype machines</td>
<td></td>
</tr>
<tr>
<td>Electric Braille typewriters</td>
<td></td>
</tr>
<tr>
<td>Word-processing software</td>
<td></td>
</tr>
</tbody>
</table>
Case Study - The SIVA Web Services

For the SIVA portal the following process has been followed to upgrade to the ETNA standard

1. **Datasets** for representing the resources (Product, Companies, Articles, ...) have been **extended where needed**

2. **SIVA portal taxonomy** (i.e. features/characteristics) for representing product technical details have been **aligned** (as much as possible) **to the ETNA taxonomy**

3. **SIVA portal 4th level Subdivisions** have been **aligned** (as much as possible) to the ETNA subdivisions

4. **Conversion table** have been created to map SIVA datasets, Taxonomy, and subdivisions to the ETNA datasets, taxonomy, and subdivisions

5. **New Web Service Server** has been implemented

---

**Example of conversion table for the Taxonomy**

<table>
<thead>
<tr>
<th>SIVA ID</th>
<th>SIVA Name</th>
<th>ETNA ID</th>
<th>ETNA Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>TATC1805</td>
<td>Braille 6 dots</td>
<td>75</td>
<td>Braille</td>
</tr>
<tr>
<td>TATC1806</td>
<td>Braille 8 dots</td>
<td>75</td>
<td>Braille</td>
</tr>
<tr>
<td>TATC1808</td>
<td>Bliss symbols</td>
<td>76</td>
<td>Symbolic</td>
</tr>
<tr>
<td>TATC1809</td>
<td>PCS symbols</td>
<td>76</td>
<td>Symbolic</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

Conversion table may be used if the provider is not willing to change some of the Taxonomy items he is using (e.g. if the partner taxonomy is more detailed than the ETNA taxonomy)
SIVA portal Web Service

Data in the SIWA portal

Conversion Table

<table>
<thead>
<tr>
<th>SIVA ID</th>
<th>ETNA ID</th>
<th>TATC</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>TATC1805</td>
<td>75</td>
<td>74</td>
<td>5/16</td>
</tr>
<tr>
<td>TATC1806</td>
<td>75</td>
<td>78</td>
<td>5/16</td>
</tr>
<tr>
<td>TATC1808</td>
<td>76</td>
<td>76</td>
<td>5/16</td>
</tr>
<tr>
<td>TATC1809</td>
<td>76</td>
<td>76</td>
<td>5/16</td>
</tr>
</tbody>
</table>

Data in ETNA format

Representation on the ETNA website

Thank you for your kind attention
Tutorial Feeding the Collaborative Portal
Víctor Manuel Hernández Ingelmo
Twitter: #ATIS4allWS4

Profiles

Administrator
Key Actors
Registered Users
Not Registered User
The future Portal resulting from the joint work of two EU-funded Thematic Networks

ATIS4all and ETNA work in collaboration, forming the ETNATS Cluster. The clustering between ATIS4all and ETNA will lead to a joint portal named "EASTN 2.0".

On the one hand, ETNA takes advantage of its long-lasting experience (the EASTN portal)
### Role
- Registered Key Actor Administrator

### Actions
- See Edit
- Login
- I forgot my password
- Create an account

### Table 3: User's profiles vs. access

<table>
<thead>
<tr>
<th>Role Description</th>
<th>Access Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered Key Actor Administrator</td>
<td>Full</td>
</tr>
<tr>
<td>User</td>
<td>Limited</td>
</tr>
</tbody>
</table>

### Source
Self-Produced
First Annual Review (March 2012)

Key-points on dissemination:
✓ guide more precisely the dissemination effort
✓ monitor and measure the effectiveness of the dissemination actions currently planned for the project”.

DISSEMINATION STRATEGY FOR 2013

DISSEMINATION INDICATORS
1. RAISE AWARENESS

2. INFORM

1. ENGAGE

Dissemination Target Audience Groups

2 Macro-targets:

TAG1. USERS
- End-users
- Professionals & user organizations
- Manufacturers/ suppliers
- Researchers/ Developers
- Policy makers

TAG2. INFORMATION PROVIDERS
TAG1. USERS

Raise awareness ➔ Key events at national level
Inform ➔ Search Engine Optimization
Engage ➔ Involve National Contacts

WE NEED YOUR COLLABORATION!
Effectiveness indicators: by Dec 2013/beginning of 2014, 80% of ETNA partners achieve

1 article/announcement on a general interest magazine/website
1 article/announcement on a specialist journal/website
1 dissemination event: promotion of the Portal in the form of press conference/presentation/stand handing out brochures/display of the ETNA banner at major national conferences and events
What you can do

- Draft a calendar indicating workshops and conferences close to interesting thematic areas
- Update your official websites with ETNA project results
- Keep in touch with media and dedicated journals and magazines

Inform

SEO (search engine optimisation):

- maximise the visibility of the Portal in the most popular Internet search engines
- exploit the considerable number of links involved
  (links to national information systems, in turn linking to companies, documents and other resources; every page appearing to the search algorithm as multiplied for 23 languages)

Evaluation tool: Google Analytics
INVOLVEMENT OF EASTIN NATIONAL CONTACTS

It’s essential that the European National Contacts be completed by December 2013.

Countries to be reached:
- PORTUGAL
- IRLAND
- CZECH REPUBLIC
- POLAND
- ROMANIA
- BULGARIA
- SWEDEN

Effectiveness indicators: 80% of the European Countries are reached

TAG2. PROVIDERS

Raise awareness ➔ Direct contact with possible interested providers

Inform ➔ Technical specifications

Engage ➔ Partner agreement as Provider Type A or B
Identified targets

ORGANIZATIONS OPERATING AN INTERNET-BASED INFORMATION SERVICE ON ASSISTIVE TECHNOLOGIES

EASTIN partners + repositories that already exist within the ETNA Consortium such as those of the OAEG, OATSOFT and CARDIAC projects.

✓ Potential new target groups: Research centres/ Single developers. Agreements in progress with the U.S. ABLEDATA information system

Effectiveness indicators: to be defined

Dissemination leaflet

Potential new target groups: Research centres/ Single developers. Agreements in progress with the U.S. ABLEDATA information system

Effectiveness indicators: to be defined
What we have done so far

The ETNA brochure. The new one has just been printed

Raising public awareness

✓ advertorial in the Pan European Networks “Science & Technology”
✓ articles in relevant journals at national level
✓ Publication of project news and events in specialised blogs, forums and websites
✓ Circulation of a joint ETNA/ATIS4all newsletter
Next major dissemination events

Launch of the new Portal as satellite event of the 12th AAATE Conference (19-22 Sept 2013) Vilamoura, Algarve, Portugal

One European key-event?

Thank you for your attention...
Your suggestions are most welcome!!!

Please contact me at svincenti@dongnocchi.it
INDEX

1. Dissemination main goals
2. Exploitation Strategy
3. Deliverables
4. Proposal Changes in Dissemination KPIs
5. New procedure for the engagement of ATIS4all supporters
6. Dissemination Key Project Indicators I
7. Target Audiences
8. Channels
1. Dissemination main goals

2. Exploitation Strategy

Initial plan in D6.4

Based on Sponsorship and Traffic Diversion

Need to go deeper
3. Deliverables

- **D1.10** Dissemination / exploitation strategy
- **D3.7 + D1.10** Dissemination / exploitation strategy
- **D6.4** Dissemination / exploitation strategy
- **D5.6** Summary of sustainability actions
- **D6.5** Summary of sustainability actions

**WP1** Jan. 11 - Jul. 11
**WP2** Jul. 11 - Dec. 11
**WP3** Jan. 12 - Jul. 12
**WP4** Jul. 12 - Jan. 13
**WP5** Jan. 13 - Jul. 13
**WP6** Jul. 13 - Dec. 13

4. Proposal Changes in Dissemination KPIs

<table>
<thead>
<tr>
<th>Indicator Number and description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN4. “Number of cases, news, events and post published in epractice.eu”</td>
</tr>
<tr>
<td>IN8. “Number of submissions to peer reviewed publications with networks results”</td>
</tr>
<tr>
<td>IN10. “Number of press releases in the general media”</td>
</tr>
<tr>
<td>IN26. “Number of news related events published in ATIS4all website” and IN27. “Number of networks news published in ATIS4all website”</td>
</tr>
</tbody>
</table>
5. New procedure for the engagement of ATIS4all supporters

- Proposal
- Candidature with the required data
- ATIS4ALL management team email
- Amendments
- Acceptance

6. Dissemination Key Project Indicators I

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Expected year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN1</td>
<td># of represented Countries</td>
<td>15</td>
</tr>
<tr>
<td>IN4</td>
<td># of meeting with key actors/supporters</td>
<td>40</td>
</tr>
<tr>
<td>IN5</td>
<td># of key actors/supporters involved in the network</td>
<td>100</td>
</tr>
<tr>
<td>IN5.1</td>
<td># of key actors/supporters involved through blogs, forums, specialised websites...</td>
<td></td>
</tr>
<tr>
<td>IN5.2</td>
<td># of key actors/supporters involved through meetings</td>
<td></td>
</tr>
<tr>
<td>IN5.3</td>
<td># of key actors/supporters involved in the network through events (conferences, workshops, etc.)</td>
<td></td>
</tr>
</tbody>
</table>
6. Dissemination Key Project Indicators II

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Expected year</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN6</td>
<td># of invited talks, communications, and lectures featuring networks activities</td>
<td>25</td>
</tr>
<tr>
<td>IN7</td>
<td># of submissions to peer reviewed publications with networks results</td>
<td>50</td>
</tr>
<tr>
<td>IN8</td>
<td># of networks news, announcement of events, an executive summaries in specialised blogs, forums and websites</td>
<td>10</td>
</tr>
<tr>
<td>IN24</td>
<td># Publications of project news and events related to ATIS4all project in Twitter account (&quot;tweets&quot;)</td>
<td>200</td>
</tr>
<tr>
<td>IN25</td>
<td># of references to publications of project news and events related to ATIS4all project in partner’s social networks</td>
<td>100</td>
</tr>
</tbody>
</table>

7. TARGET AUDIENCES

TAG1. Standardisation bodies & international

TAG2. Professionals & user organisations:

TAG3. Technology-oriented organisations

TAG4. Industrial organisations

TAG5. Information service & training organisations

TAG6. Network of supporters belonging to the different TAGs

TAG7. End Users

TAG8. General Public
8. CHANNELS

CH1. Project website

CH2. Specialised blogs, forum, websites and e-practise

CH3. Social networks

CH4. Meetings, conferences, workshops

CH5. Dissemination Material

CH6. Media attention

CH7. Partners’ and supporters’ official channels and websites
ANNEX 11
Field test and validation methodologies (ETNA WP7)

Zuyd University

content

• Earlier in process
• Preparations made
• To be evaluated
• Methods
• Timeframe
• Partners
Earlier in process

• Progress meeting Brussels with Officers
  – Current planning: evaluation too late in time-schedule

What has been done to prepare

• Proposition of methods in Linz
• Ideas and comments of partners
• Team of students Zuyd: research on methodology
  – -> recommendations
• Management team: decision on upload tool and time frame
To be evaluated

1. First release of the ETNA portal

2. NEW: upload tool

1. Evaluation of ETNA on ICT/AT

- Check effectiveness in meeting all stakeholders’ information needs
  - >Findings will drive the final fine-tuning

Source: project description

- Research Question
  - Which methodology will be suitable of measuring the usability in 5 months regarding to ICT/AT in the Eastin Database for each stakeholder group?
Measurement of

- Objective component:
  - 3 countries
    - 3 experts
    - 30 end-users (2 of each stakeholder-group)
- Subjective component: satisfaction
  - All countries
    - 90 subjects (widest possible range of different stakeholders)
Methods

• Heuristic evaluation (1 expert)
  • Measurement that uses heuristics to find usability problems (Nielsen, 1994)
  • Useful to determine design problems in early development cycle (Hyvalikahath e.a., 2009)

• Usability evaluation (10 stakeholders)
  • Task oriented co-discovery approach
  • Post Study System Usability Questionnaire (PSSUQ)
  • Use of different search-engines

2. Evaluation of Upload tool

• All partners!!
  – Use upload tool
  – 1 item per category: 11 items
  – Assitive product (1 item)
  – Organisation (2 out of 3 items)
  – Associated information (4 out of 7 items)
  – search and alter 1 item
  – Rating of 1 product in ATIS4All collaborative portal, answer the 10 questions
  – Record experiences systematically
  » format will be provided
  » Sent to Zuyd by mail
Timeframe

<table>
<thead>
<tr>
<th>Feb - March</th>
<th>Use upload tool</th>
<th>All partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb – June</td>
<td>Evaluation 1st release ETNA portal</td>
<td>Zuyd 2 partners other countries</td>
</tr>
<tr>
<td>March – June</td>
<td>Online Questionnaire</td>
<td>All partners</td>
</tr>
<tr>
<td>July - August</td>
<td>recommendations 1st finetuning</td>
<td>Zuyd</td>
</tr>
<tr>
<td>July - August</td>
<td>Gather, analyse data online questionnaire</td>
<td>Zuyd/FDCGO</td>
</tr>
<tr>
<td>September</td>
<td>Presentation results of evaluation: AAATE</td>
<td>Zuyd</td>
</tr>
<tr>
<td>December</td>
<td>Validation Report (article/paper) D7.3</td>
<td>Zuyd/FDCGO</td>
</tr>
</tbody>
</table>

Partners involved

- 2 partners other than Netherlands
  - Evaluation 1st release ETNA
- 1 expert, 10 stakeholders per country

All partners:
- Upload at least 1 product, 2 types of organizations and 4 types of associated info
- Make sure at least 5 types of stakeholders use the ETNA database and fill out the online questionnaire
ANNEX 12
Dynamic Participation in the Portal (WP5)

Víctor Manuel Hernández I ngelmo
Twitter: #ATIS4allWS4

Milan, Italy
22th February, 2012

WP5 Objectives

The objective of WP5 is to make the “EASTIN 2.0” portal bigger and more solid. To achieve this objective, WP5 aims to increase the number of active members in the portal, as well as their activity, thus enhancing the interest and potential benefits of these outcomes for the key actors in the field.
WP5 INDEX

1. Management

2. Dynamic content & Forum actualizations

3. Members engagement

4. Dissemination

5. Dynamic content targets/ indicators

1. Management

Deliverables

D5.1
Summary of changes within the project consortium 1 1.00 R PU 30

D5.2
Minutes from the workshop and meetings 1 0.50 R CO 29

Tasks

T5.1.4
Organisation and coordination of the two online meetings for monitoring the evolution and managing risks. See the task description in T1.1.6. The minutes to be presented in D5.2.

T5.3.2
Update and maintenance of the project website (TECH).
## 2. Dynamic content & Forum actualizations

### Deliverables

| D5.3 | Report with the updated status of the portal: number of members, visits, etc |

### Tasks

| T5.2.1 | Beneficiaries' active participation in the “EASTIN 2.0” portal |

## 3. Active members engagement

### Deliverables

| D5.5 | Report on activities carried out to involve organisations relevant in the field |

### Tasks

| T5.3.4. | Involvement of the key actors identified in WP1 as active members of the portal and repository |
| T5.3.5. | Meetings or public events with key actors |
4. Dissemination

### Deliverables

<table>
<thead>
<tr>
<th>Deliverable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D5.4</td>
<td>Report of the updated strategy for dissemination and exploitation and associated action plan</td>
</tr>
<tr>
<td>D5.6</td>
<td>Summary of dissemination and exploitation actions during WP 5</td>
</tr>
</tbody>
</table>

### Tasks

<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5.3.3</td>
<td>Update of the strategy for dissemination and exploitation of the outcomes and the associated action plan</td>
</tr>
<tr>
<td>T5.3.6</td>
<td>Publication of an executive summary of conclusions of the WP through social media and specialized websites</td>
</tr>
</tbody>
</table>

5. Dynamic content targets/ indicators
Market place

Number of discussions in the Forum
125

Number of user ratings and comments
1000

Number of resources
200

Number of syndicated feeds
6
Research and Development

Number of discussions in the Forum: 125
Number of resources: 120
Number of syndicated feeds: 12
Key Actors

Number of meetings/contacts with key supporters 40

Number of key actors/supporters involved in the network 100

Number of key actors identified 100

Number of post in blogs 70
ANNEX 13
ANNEX 13 - WORKING GROUP 1: “Effectiveness assessment and validation”

Research question:
In your perception, are ETNA and ATIS4All on the good track to meet the information and knowledge exchange needs of all the Portal’s intended stakeholders (end-users, professionals, manufacturers, policy makers, researchers)? Do you see any major issues that should be better addressed?

In this WG please don’t focus on usability issues (graphics, how easy is to search etc., which is the focus of WG2): please only focus on contents and functionalities.

Participants:
Stefania Bocconi, CNR (Facilitator)
Tuula Hurnasti, THL
Claudia Salatino, FDCGO
Marie Svobodova, MVC
Petra Winkelmann; IWKOELN
Marc Wouters, VAPH (Rapporteur)

General discussion

CONTENTS

It must be clear that the ETNA project is built upon the EASTIN portal. The same clarity is necessary with regard to the names of the Portal’s components (ETNA Information System, ATIS4all Community, EASTIN 2.0). This implies a definite vision for the future developments and a consistent terminology, to be used permanently.

FUNCTIONALITIES

Usefulness of product rating. Compare it with hotel ratings or Amazon. The end-user must be very critical, interpreting the figures taking into account his own context. Free-text comments of the users are needed, as well as the field regarding functional limitations. Furthermore, reference to ICF must be available. The user should be sure of what kind of information to expect from the Portal.

Concerning ratings in other countries, there might be cases in which the service is bad in only one country, this has to be clarified to users.

National Information providers/users groups must be informed of the comments/ratings so they can use the information as feedback to the manufacturers/dealers/users.
Strong points

- validation tool (users comments and ratings)

- centralized entry point, but facilitated. It also allows to have community spaces at local level (in national language)

Challenges

- effectiveness of information for manufacturer and other information users

- need to compact information and provide an overview

- Specific use of the information. How can researchers, developers and policy makers use the Portal?
ANNEX 14
ANNEX 14 – WORKING GROUP 2: “Usability assessment and validation”

Research question:
In your perception, are the ETNA information system and the ATIS4all collaborative Portal well designed to meet the usability expectations of the intended stakeholders (end-users, professionals, manufacturers, policy makers, researchers)? Do you see any major usability issues that should be better addressed?
In this WG please don’t focus on contents and functionalities (data structure, search tools etc., which is the focus of WG1): please only focus on usability (accessibility, graphics, how easy is it to be used etc.)

Participants:

David Colven, ACE
Katrijn Dekoninck, EASPD (Rapporteur)
Athanasia Evangelinou, DN
Rene Hansen, DLF
Michael Hubert, FTB (Facilitator)
Reyes Noya, CEAPAT
Mary T Nolan, CRC
Andrea Petz, JK
Satu Railosuo, FAIDD
Philomine Stapleton, WRC
Sabrina Vincenti, FDCGO

GENERAL DISCUSSION

DEFICITS

ETNA portal

• Need to define which actors the category end users includes (also people with ID?). It would be preferable to use pictograms, also for teenagers, now it looks like very boring.
• In general, it would be necessary to have an intro on what the site is about (landing/home page)
• It would be useful to have a guide through the web pages and pop-ups explaining where the button links, also clarifying the lacks of the website (e.g. make everything easy-to-read), and the reasons why it’s not possible to solve them at the moment, in turn providing quick-start guide + video tutorials showing how to navigate.
• Upload tool: it is not always clear what info you are looking for (descriptive text is missing on what data is missing in the field)
• If you want to rate a product, you’re directed to the Atis4all website, but if you’re not registered, you cannot access it and no explanation is provided (notification: new users need to register etc). Also, you’re on a different website without a notification.
• The button “review this product” is not easy to read
• “Associated information” under product should be ranked alphabetically
• Is it possible to mark empty items in grey, so that the link cannot be used if there’s no info behind?
• Is it possible to add a video to see how the product works? (part of the info asked to providers?)
• Rating: could be misused – not necessary to have it; keep the comments
• There are too many categories on the levels of satisfaction: very satisfied (clearer distinctions between answering options)
• It is necessary to review language because the English is not always good (proofing)

ATIS4ALL

• Regarging Section “Funding schemes under market place”, there is not enough space between letters, and between link & text
• The use of Arial as a font is not easy-to-read now
• There’s no help button at the top
ANNEX 15
ANNEX 15 - WORKING GROUP 3: “Marketplace: how to make it alive”

Research question:

As opposed to the ETNA information system, that operates on existing Internet resources such as the EASTIN national AT information systems and other databases, the ATIS4all marketplace needs to be made alive by recruiting all interested stakeholders and make interesting for them to participate.

How could we generate effective involvement and achieve a considerable amount of active participants, so as to make the marketplace community alive and thus self sustainable?

Participants:

Luis Azevedo, ANDITEC
Sonia Cremascoli, ESPRM
Paul Day, BDF (Rapporteur)
Cinzia De Letis, EPR
Victor Hernández, TECH
Igone Idigoras, TECNALIA
Mats Lundälv, SU-DART
Chris Shaw, DLF
Stefan Solinger, ABIL (Facilitator)
Satur Torre, FVE

GENERAL DISCUSSION

There was a long discussion about the risk linked to the project in using only English. As we approach the formal launch of the portal and reach out to potential users it was strongly noted that in countries other than UK and Ireland the language would be a barrier. It was felt unlikely that some stakeholders will use the Portal, such as EU citizens who were individual consumers of Accessible Technology or those that work directly with them, such as occupational therapists not regularly speaking English. Technical possibilities were explored to make at least the review section operate in the national languages.

It was noted that partners need to begin to use the portal with increasing frequency over the coming months to familiarize with it. At the same time, supporters and others key actors should be encouraged to register and use the portal. Partners would tend to be linked more heavily to either Marketplace or Research & development depending on their organisation and should observe and improve the use of that section.

There is the need to encourage all supporters to use the portal and continue to identify and encourage new supporters and/or users of the portal.
Links to portal pages should be communicated via social media and other methods.

There is the need to link to the portal from other blogs and fora. It was particularly suggested that there may be fora, etc where conversation on Accessible technology has come to an end as participation in those discussion has reduced. We could encourage contributors that they may that "continue the discussion at the ATIS4all portal".

Required sponsorship needs to be quantified, both in terms of the amounts required and the target number of sponsors (whether it is, for example, one sponsor at €50,000 per annum or 500 sponsors at €100 per annum). This is urgent as to secure sponsorship for early 2014, initial discussions need to occur soon.
ANNEX 16
ANNEX 16 - WORKING GROUP 4: “Research and development community: how to make it alive”

Research question:

The ambition of the R&D community is to become the major virtual meeting point in Europe for all people involved in the advancement of ICT AT assistive technologies. However, it will become as such only if it achieves a considerable amount of active participants, so as to generate interest and motivation.

How could we generate effective involvement and achieve a considerable amount of active participants, so as to make the R&D community alive and thus self sustainable?

Participants:

Lindsay Evett, TNTU
John Gill, JGT
Thomas Holmstrøm Frandzen, DIGST (Rapporteur)
Georg Regal, CURE
Licia Sbattella, Polimi
Dušan Šimšík, TUKE
Kostas Votis, CERTH (Facilitator)
Roberto Torena, TECH

GENERAL DISCUSSION

Several topics were discussed in the WG on how to make the R&D community on the Atis4all-portal alive and ensure sustainability.

STANDARDIZATION

Concerning the lists of standardization initiatives, the point was raised that it will be relevant to look at and include also working groups that do not work entirely with accessibility and assistive technology, as provisions concerning this are often integrated into mainstream standards. There also exist groups working with standardization issues, but which do not have status as formal standards committees.

CONTENT QUALITY, TAXONOMY AND SEARCHING

One of the major points discussed was how to ensure the quality of the content in the R&D community and how to make it interesting to professional researchers, etc. who already have other search and social tools, such as Google Scholar and LinkedIn, available to them.

It was agreed that the present lists of fx publications and academic articles are too limited in functionality, and that several tweaks should be considered:
- Increase the number of RSS searches so that “Assistive technology” is not the only search being made, fx to include “Inclusive”, “Human-Computer Interaction”, etc.
- Add taxonomy to further categorize publications, articles, etc.
- Add options to search through publications, articles, etc. even if these are based on RSS feeds.

If these functionalities are not included, the relevant parts of the R&D community will present limited to no added value to researchers and developers.

The need for an expanded event calendar was highlighted. This should not only draw from existing RSS feeds, as these most probably contain events that are already widely known, and even so does not contain all relevant events. At least the possibility of adding events manually should be included.

Finally it was agreed, that some sort of moderation will be necessary in order to ensure content quality and to quickly delete fx spam, duplicate entries, purely promotional product material, etc. Moderators will be selected from between the network members, possibly also from ETNA members if interested.

**HOW TO ENGAGE PROFESSIONALS**

It was further discussed how to draw people to use the R&D forum for discussions, news, etc. given that many of them already use LinkedIn and other social networks for this.

One suggestion was to start topics, possibly in the form of blog articles by experts, of high quality on state-of-the-art or underexposed topics. Dissemination of these articles may be done on fx LinkedIn groups, but special notice should be taken to the existing guidelines on such services so as not to be contrary to these with regards to fx advertising.
ANNEX 17
ANNEX 17 – WORKING GROUP 5: “Technical integration issues”

Research question:
Technical integration issues include the communication between the ETNA information system and the ATIS4all collaborative Portal (e.g. the “user rating and comments” functionality), the implementation of usability features (accessibility at the highest standard; possibility of a common “look & feel” when moving from one portal to another so as to perceive both as a single portal etc.), and the integration of new partners able to provide useful contents by means of webservices.

What reasonable achievements can be planned within the ETNA and the ATIS4all timeframe?

Participants:

Andrea Agnoletto, FDCGO (Facilitator)
Giovanni Caruso, CNR
Warren Goodland, DLF
Valerio Gower, FDCGO (Rapporteur)
Konstantinos Kalogirou, CERTH
Thomas Lyhne, HMI
Britta Lüssem, IWKOELN
Yann Bertel Venezia, HAC

GENERAL DISCUSSION

PRODUCT RATING TOOL
1. The questionnaire should be translated (at least) in all partner languages
2. Questions that are not relevant for the specific ISO division should be hidden (do not ask stupid questions)
3. Jumping from one site to another may be problematic for end users
   a. Changing in the look and feel may be confusing
   b. There may be also accessibility issues in jumping from one site to another (open in a new window?)
   c. “Single sign on” would be interesting but the group understands that is beyond the possibility of this project
4. Find a way to block “malicious” ratings and comments
   a. Reactive moderation of the product rating?
5. A question was raised whether testing should be made with fake data or real data?
   a. It has been suggested to ask partners to Review few products and test on those
6. Some of the EASTIN partners have a formal agreement with the manufacturer that no comment or rating will be made on their products. For this reason it was suggested to have the possibility to mark a product as “not reviewable” (add a flag to allow/not allow review in the product page). This means changing the webservice specifications.
7. **CONNECTING RESOURCES**

1. A participant asked the possibility to have a batch import tool to upload multiple product at the same time.

**ACCESSIBILITY ISSUES**

1. HMI can provide feedback on accessibility of the ETNA website since they have a professional expert.
2. Acronyms (such as ISO) should be expanded on “tiptools”
3. Verify contrast in the histograms of the product rating

**UPLOAD TOOL**

1. Improve the help section (e.g. add “how to add an image url”)