

## **D4.1 PIA website for public access**

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Partners	UCLM		University of Castilla-La Mancha, MAml Research Lab
	TELLU		Tellu AS
	UU-SERG		University of Ulster, Smart Environments Research Group
	Accord StickyW ASK BIS		Accord Group
			StickyWorld Ltd.
			Asker Municipality
			Berliner Institut für Sozialforschung
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## 1. Introduction

Dissemination is an important goal for the PIA project. One of the first actions internationally is launching the project's web site. PIA's web site was published at <u>http://pia-project.org</u> on the 30<sup>th</sup> of April 2013.

The PIA web site is a collection of 10 main web pages. These pages will be updated with more detailed information about each topic as the project evolves.

The web site includes a column for AAL-related news. This column will later be utilised also for the PIA project's dissemination.

Accessibility of the website includes easy-to-read language, short lines and short chapters, and alternative text for links and images.

The web site was developed with Dreamweaver 8 software.

## 2. Web pages

The 10 web pages have been designed to host updated basic information about the PIA project. In the remainder of this section the web pages are presented as they were on the day of publishing  $(30^{th} \text{ of April 2013})$ .

## **2.1 Introduction (Home)**

Purpose: The PIA project's idea in a nut-shell

URL: http://www.pia-project.org/index.html

#### Screenshot:



## Personal IADL assistant for coping at home.

- (Home)
- Technology
- Usability and accessibility
- Ethical issues
- Tests and trials
- Language choices
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- News archive
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- Contact

Introduction (Home)

Older persons wish to live independently in their homes and to perform daily activities without relying on or asking for external help. For some, provision of support to **Instrumental Activities of Daily Living** (IADL) may become a necessity to enable them to adequately cope with daily living.

The PIA system will provide primary end-users with effective IADL support by offering video clips of desired topics of daily living activities on a tablet PC or smartphone.

PIA is an <u>AAL JP</u> (Ambient Assisted Living Joint Programme) project from Call 5.

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## 2.2 Technology

Purpose:	Technology strategy and standards

URL: <u>http://www.pia-project.org/prodtech.html</u>

#### Screenshot:



## Personal IADL assistant for coping at home.

#### April 29, 2013

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## Technology

To achieve the goals of the PIA project the consortium will develop new technology and integrate existing technologies in a new way. Technology collaboration will take place throughout design, technical specification and development phases.

To achieve the overall objectives we will design and build interconnected systems using best practice methods and facilitate the use of international and open technology standards wherever applicable.

The technology partners will adopt a technology collaboration strategy revolving around the design and open use of PIA's Application Programming Interface (API) – the foundation from which the required individual web and mobile client applications for the project can be effectively developed.

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## 2.3 Usability and accessibility

**Purpose:** References to guidelines used in the PIA project

URL: <u>http://www.pia-project.org/useacc.html</u>

#### Screenshot:



## Personal IADL assistant for coping at home.

#### April 29, 2013

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Usability and accessibility

Accessibility and usability issues are of great importance when designing technologies to elderly people and persons with cognitive disabilities.

The PIA project will apply a wide range of usability and accessibility guidelines, both for mobile devices, such as smartphones and tablet PCs, and for web applications. Examples of relevant design guidelines and considerations are:

- Principles of Universal Design (NC State University)
- 2. Mobile Web Best Practices 1.0 (W3C)
- 3. <u>Cognitive Disabilites: Design</u> <u>Considerations</u> (Web AIM)

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## 2.4 Ethical issues

Purpose: References to relevant ethical codes of conduct

URL: <u>http://www.pia-project.org/ethics.html</u>

## Screenshot:



## Personal IADL assistant for coping at home.

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## **Ethical issues**

For research-ethical issues, the PIA-consortium has decided to follow the **RESPECT Code of Practice**. The RESPECT code of practice is based on three main principles:

- 1. Upholding scientific standards
- 2. Compliance with the law
- 3. Avoidance of social and pesonal harm

In addition, the PIA project will take into consideration other frameworks for research ethics, such as <u>Alzheimer Europe</u>'s definitions and approaches concerning:

- 1. Solidarity and interdependence
- 2. Personhood
- 3. Dignity

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#### 2.5 Tests and trials

**Purpose:** Short description of PIA project's empirical work

URL: http://www.pia-project.org/testtrial.html

#### Screenshot:



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## Tests and trials

The development of the PIA system is user-centric. User tests and field trials will pave the way from idea to technology uptake.

In order to gain optimal usability, accessibility and acceptability, the PIA team will test in laboratory the user interfaces and general functionality of the PIA system.

Field trials will be organised to pilot the PIA system in real home environments. In addition to primary end-users, both formal and informal carers will be engaged in PIA field trials.

For dissemination purposes a mobile "PIA home kit" will be developed. This kit can also be deployed to acquire end-user feedback in different dissemination contexts.

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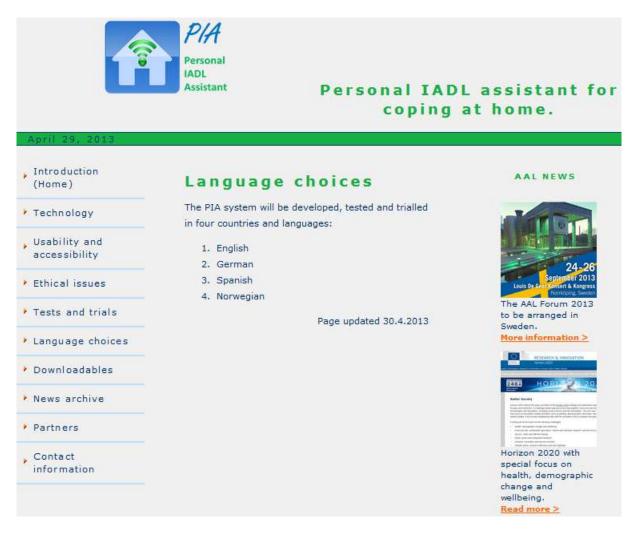
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### 2.6 Language choices

Purpose: PIA system's European dimension

URL: <u>http://www.pia-project.org/language.html</u>

#### Screenshot:

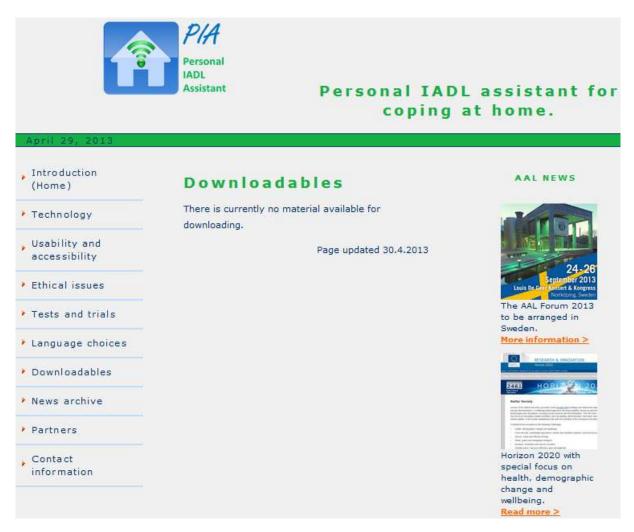


## 2.7 Downloadables

Purpose: References material created by PIA partners

URL: <u>http://www.pia-project.org/download.html</u>

### Screenshot:



## 2.8 News archive

Purpose: External project «diary»

URL: <u>http://www.pia-project.org/news.html</u>

### Screenshot:



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#### News archive

23.-24.4.2013: The kick-off meeting of the PIA project was held in Berlin, hosted by Berlin Institute for Social Research. All partners from the four participating countries were represented by 16 meeting delegates.

16.4.2013: StickyWorld publishes a blog entry about PIA.

1.4.2013: BIS publishes PIA web page.

10.3.2013: Tellu publishes PIA web page.

3.3.2013: Karde publishes PIA web page.

1.3.2013: MAmI publishes PIA web-page.

10.12.2012: IT Funk in the Research Council of Norway publishes <u>PIA information</u>.

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Photo-Photo

#### 2.9 Partners

**Purpose:** Partner information and links to home pages

URL: <u>http://www.pia-project.org/partners.html</u>

#### Screenshot:



# Personal IADL assistant for coping at home.

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## Partners

The PIA-consortium is designed to provide an innovative environment for software development, field trials and exploitation activities. The project partners and their main areas of expertise/tasks in the PIA-project are:

#### Norway:

- <u>Harde A5</u>: Project management, accessibility design, dissemination, exploitation. Coordinator.
- Tallu A5: Software development, sensor technologies, technology standards, exploitation. Technical manager.
- Asker Municipality: User requirements, care technology integration and interoperability, tests, field trials, dissemination.

#### United Kingdom:

- <u>StickyWorld</u>: Software development, multimedia, integration issues, social platform, exploitation, *Impact manager*.
- <u>Accord Group</u>: Field trials, ethical issues, coping at home, dissemination. <u>Ethics manager</u>.
- University of Ulster, <u>Smart Environments</u> <u>Research Group (SERG)</u>: Smart homes, sensor systems, multimedia.

#### Germany:

 Bertin Institute for Social Research (BIS) (Germany): Ethical issues, tests and field trials, accessibility issues, dissemination.

#### Spain:

 Castilia-La Mancha University, <u>Modelling</u> <u>Amblent Intelligence Research Lab</u> (MAmI): IADL, carer stress and quality of life modelling and measurement tools.

Karde AS has two sub-contractors in Norway: <u>Seniornett</u> Norway (user requirements, tests and trials) and the <u>Oty</u> of Osio Resource Center for Gertatric Care (IADL, expert panel, smart homes for elderly).

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## **2.10 Contact information**

Purpose: E-mail links to project management, task summary and partner contacts

URL: <u>http://www.pia-project.org/contact.html</u>

### Screenshot:



## 3. Further development

The PIA web site will be in continuous development. Changes during the first year of the project will be of minor character. During the second year when the first PIA prototypes exist, the web site will be upgraded to display interactive multimedia information about the PIA system and thus be an integrated part of the PIA project's exploitation strategy (cf. Deliverable D4.2 Exploitation plan).