METHODOLOGY

Use Cases - designed with the active participation of elderly users and key stakeholders - will be extracted through an integral approach on user needs / preferences, technological and business related issues, taking into account cross-cultural differences of the end users as well.

All types of environments (living labs, sheltered homes, private homes, private cars, public transport, etc.) will be supported.

The methodology followed for it is based on iterative cycles, strictly abiding to a User-Centred-Design concept.

The OASIS System and applications will be tested iteratively and thoroughly by hundreds of end users, their caregivers and other stakeholders in 4 European Pilot sites.

Once optimised the technological outcomes of the Project will be submitted for standardisation by the purpose-established OASIS world-wide Industrial Forum

PROJECT STRUCTURE

The OASIS Project is composed of five sub-projects (SPs):

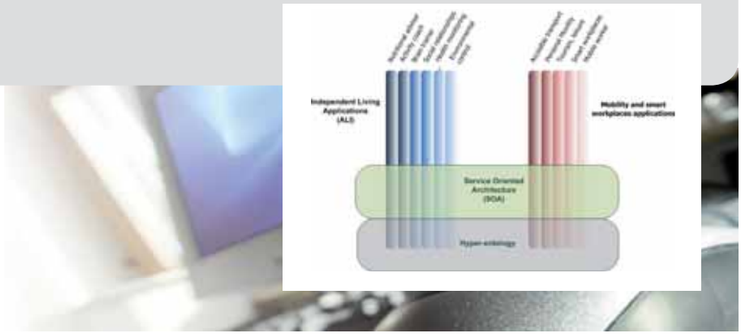
SP1: Open system reference architecture, user interfaces, platform and tools;

SP2: Independent Living Applications (ILA);

SP3: Autonomous Mobility and Smart Workplaces Applications;

SP4: Integration, Pilot Sites and Demos;

SP5: Horizontal activities (Management, Dissemination, Exploitation, Standardisation, etc.).



THE OASIS CONSORTIUM

The OASIS Consortium is composed of 33 Partners from 11 countries (Belgium, Bulgaria, China, Germany, Greece, Italy, Mexico, Romania, Spain, Switzerland, United Kingdom). Large Industries (9), SMEs (6), Universities (6), Research Centers (7), Non-Profit-Organisations (3), Public Organisation (1) and Healthcare Center (1) are all represented.

The Project Coordinator is Philips FIMI (Italy).

Project Coordinator:

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Project name: Open architecture for Accessible Services Integration and Standardisation
Acronym: OASIS Grant Agreement no. 215754
Strategic Objective: ICT and Ageing
Length: 4 years (1 January 2008 – 31 December 2011)

For further information, please visit **www.oasis-project.eu** or contact **info@oasis-project.eu**

The «e-Inclusion: be part of it!» campaign is organised by the European Commission. More information on this action is available at http://ec.europa.eu/information_society/einclusion. The European Commission bears no responsibility for, nor is it involved in, the events, documents or other manifestations associated or claiming to be associated with the campaign, unless indicated otherwise.

www.oasis-project.eu

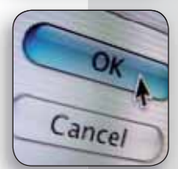
Open architecture for Accessible Services Integration and Standardisation

e-inclusion Be part of it!

OASIS
NTOLOGIE
Quality of Life for the Elderly

STATEMENT OF MISSION

OASIS is a Large Scale Integrated Project with the aim to develop an open and innovative reference architecture, based upon ontologies and semantic services, that will allow plug and play and cost-effective interconnection of existing and newly developed services in all domains required for the independent and autonomous living of older people and their enhanced Quality of Life



THE OASIS SYSTEM

The oasis system is composed of:

> The oasis open reference architecture ("oasis platform") including the cof (common ontological framework) and its support tools;

> The ami framework, a multi-agents platform;

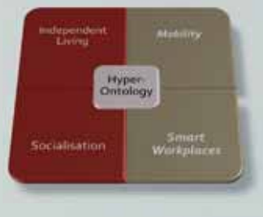
> The interaction platform.

The oasis system aims to achieve:

A. Interoperability between different web services from the same or different application domains;

B. Sharing of contextual information between different objects and services;

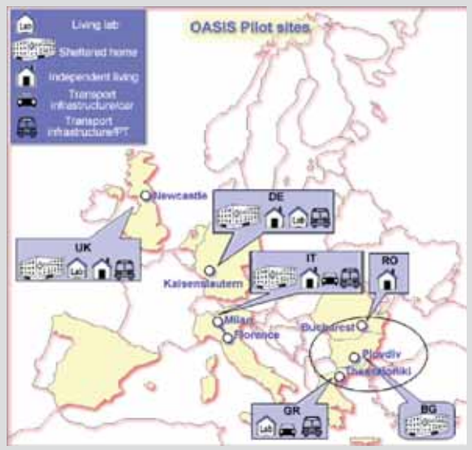
C. Seamless connectivity between hardware, from hardware to service and from service to service.



THE OASIS SERVICES

Through this new architecture, over 12 different types of services are connected with the oasis platform for the benefit of older people; they cover a large range of user needs and wants. Independent living applications, socialization, autonomous mobility, smart workplaces. Target user groups are older people who experience mild cognitive and physical impairments due to ageing. These people are at risk of exclusion due to the slight cognitive and physical deteriorations that they are experiencing, as well as the complexity and lack of utility, accessibility and usability of ict.

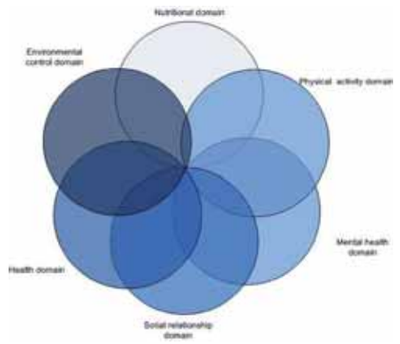
Oasis aims to support their physical and psychological independence, stimulate their social engagement and foster their emotional well being.



INDEPENDENT LIVING AND SOCIALIZATION

Oasis aims at empowering the conditions that make a person to continue being independent.

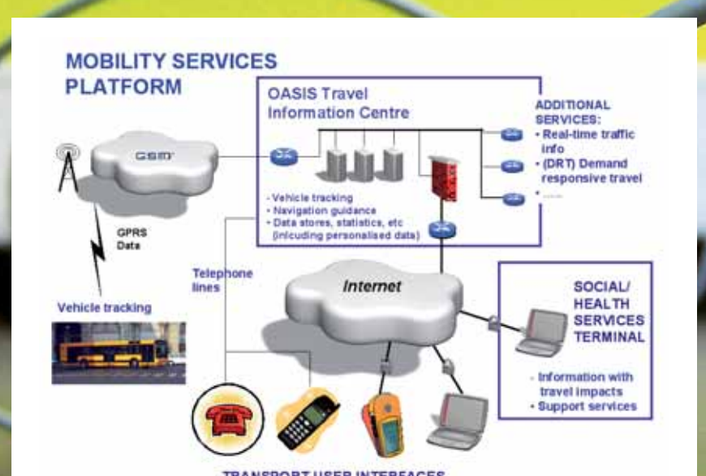
It will do so by means of various services: Nutritional advisory, activity coach, brain and skills trainer, social community platform, health monitoring and coach, and environmental control



AUTONOMOUS MOBILITY AND SMART WORKPLACES

Oasis offers the older people a plethora of means so that they can travel independently, whether they use public transport means, their own car or travel on foot (elderly-friendly transport information services, elderly-friendly route guidance, personal mobility services).

Through the oasis smart workplaces applications, elderly users are given the opportunity to perform a large part of their work at home, or on the move through the offered e-working services. Furthermore, the platform will also support the teaming up (virtually) of an elderly employee with a younger one, offering the means for cross fertilization between different age groups who have different but complementary areas of expertise.



e-inclusion
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