

AAL Project

NITICS

Networked InfrasTructure for Innovative home Care Solutions



WP6: Business model design, dissemination, exploitation and commercialization

D6.5: Demonstrator sessions

Contractual Date of Delivery to the AAL CMU: 30/04/2014

Actual Date of Delivery to the AAL CMU: 04/06/2014

Participant(s): ⁷MKS, ¹EXYS, ⁶SIE, ²SSW, ⁴CITST, ¹⁰ELE, ⁸CCC

Author(s): Drago Rudel⁷, Angelo Consoli¹, Jaouhar Ayadi¹, Łukasz Malicki², Constantin Lucian Aldea⁶, Oana Cramariuc⁴, Serge Smidtas⁸, ¹⁰Thierry Didi

Work-package: WP6: Business model design, dissemination, exploitation and commercialization

Effort in Person Months (PMs): 1.80 (0.50¹, 0.10², 0.25⁴, 0.50⁶, 0.25⁷, 0.10⁸, 0.10¹⁰)

Nature: O (P-prototype, R-report, O-other) – Report on workshops

Dissemination: P (Public)

Version: 1v3

Total number of pages: 20

Executive Summary

This document reports on “*WP6 – T6.5 Demonstrators sessions*” that relates to the project activities performed in a form of demonstrations, tests and workshops aiming at presenting the NITICS platform and services to stakeholders and user communities addressed by the NITICS project.

This document is structured in the following sections:

- Section 1:** Introduction that enumerates the objectives of this deliverable and gives an overview
- Section 2:** The chapter *NITICS Project overview* presents the NITICS concept, its context and motivation that drives the work.
- Section 3:** Demonstrator sessions activities reviews activities undertaken within NITICS to involve stakeholders in the NITICS design and evaluation process
 - Section 3.1:** NITICS demonstration sessions with stakeholders per countries: France, Poland, Romania and Slovenia
 - Section 3.2:** NITICS demonstration sessions planned in Romania and Slovenia
 - Section 3.3:** NITICS partners workshop in Lugano on 12th June 2014
- Section 4:** Conclusions gives general conclusions on the results of demonstrator sessions.

Table of contents

1	INTRODUCTION	7
2	NITICS PROJECT OVERVIEW	7
3	DEMONSTRATOR SESSIONS ACTIVITIES	8
3.1	NITICS DEMONSTRATION SESSIONS WITH STAKEHOLDERS	8
3.1.1	<i>France (Eeleo&CCC)</i>	8
3.1.2	<i>Poland (SSW)</i>	9
3.1.3	<i>Romania (CITST)</i>	10
3.1.4	<i>Slovenia</i>	11
3.2	NITICS DEMONSTRATIONS AT CONFERENCES	12
3.2.1	<i>Romania (CITST)</i>	12
3.2.2	<i>Slovenia</i>	13
3.3	NITICS PARTNERS WORKSHOP	13
3.3.1	<i>Test of the NITICS platform</i>	13
3.3.2	<i>NITICS Use cases</i>	14
3.3.3	<i>Test of the NITICS Use cases</i>	15
4	CONCLUSIONS	16
5	REFERENCES	17
	APPENDIX: THE 14TH FESTIVAL OF THE 3RD AGE, LJUBLJANA, SLOVENIA	18
	DOCUMENT HISTORY	20



List of figures

Figure 1. NITICS system's architecture / functional scenarios..... 8



List of tables

Table 6: Document history20



Abbreviations

AAL	Ambient Assisted Living
CMU	Central Management Unit
DoW	Description of Work
EC	European Commission
EU	European Union
GA	General Assembly
JP	Joint Programme
NITICS	Networked InfraStructure for Innovative home Care Solutions
PC	Project Coordinator
WPx	Work Package x (x=1-6)

1 Introduction

This document reports on the results of the work done in the NITICS project (Networked Infrastructure for Innovative home Care Solutions) with different key stakeholders that are involved in the area of new technologies for elderly people. Their continuous involvement is fundamental to the success of the project. The activities run within “*WP6 - Task 6.2 Stakeholder management*” in which stakeholders’ requirements will be investigated and “*WP6 - Task 6.3 Communication and dissemination of results towards industry, stakeholders and user communities*”. Deliverable *D6.5 Demonstrator sessions* covers NITICS activities related to presentation of the NITICS platform and NITICS services designed in *WP4 - System elements integration and field trial* to stakeholders and user communities. The delivery D6.5 will be delivered at M12 and M24 respectively.

The Task 6.3 and consequently this deliverable D6.5 depend predominantly on the results of several WPs:

- a) WP2 - End-user requirements and service concepts (end-user needs, service concepts)
- b) WP3 - NITICS System design and development (System architecture design, system integration, platform set-up)
- c) WP4 - System elements integration and field trial (End-user groups differentiation, prototype performance tests, laboratory experiments, field trials set-up, running field trials in 4 countries).

Key stakeholders to be involved in exploiting the NITICS platform will be recruited among technology providers, installation companies, technical installation companies, service providers, care providers and their organizations (e.g. social workers and GPs), volunteers that work with elderly persons, and finally senior citizens – potential primary users of the NITICS services and their organisations (e.g. self-cared (intergenerational) groups).

Intermediate results of the project will be discussed at the WP2 and WP6 participating partners and the project coordination level. At least three demonstration sessions are planned to be organized internationally, while on a national level two sessions per country running NITICS pilots are planned.

2 NITICS Project overview

As detailed in [DoW], the Networked Infrastructure for Innovative home Care Solutions (NITICS) project addresses precisely aspects that are related to the Ambient Assisted Living Joint Programme (AAL JP) Call 5 by designing and building a holistic platform that is expandable and offering advanced ICT services including monitoring and navigational support that are needed to support the mobility of elderly and disabled persons in their home during their daily activities. NITICS also offers solutions for several services for people with disabilities (mobility handicaps and cognitive disabilities).

The aim of the NITICS project is also to develop an integrated platform that enables the implementation and deployment of mobility services for disabled people more quickly and more cost effectively, including many services that can keep their cognitive capability intact.

The NITICS platform will rely on a set of basic and task oriented services: localization of personal objects (keys, glasses, mobile); localization and movement pattern analysis of elderly and disabled people inside their homes - which, integrated with body sensors and environmental captors will support end-users as well as caregivers, family members, and others involved in assisting the person; a multimedia bi-directional platform (TV/PC/Smartphone) to ease, stimulate and support daily activities; augmented-reality system to assist users in finding the objects. NITICS will enable disabled persons to create, participate and continue their social activities not only via an Internet connection but also by using localization technology inside their homes, supporting an active social life. The localization technology is not only used to track and trace the assisted individual, nor just to gather objects’ and predict their position, but also to detect unpredicted or abnormal behaviour, lack of movement or erratic behaviour, and to trigger actions by care providers in case of need . Such a system will help carers to intervene only in case of need, in a timely manner and provide the needed help, taking into account the preferences of care providers as well as family and end-users, eventually improving the quality of life and service. The NITICS framework will provide major benefits to the end-users but will also provide benefits to caretakers and people directly involved in the care value chain. Furthermore, we believe that additional alternative, innovative service concepts will emerge during the

project, allowing increasing the use of the platform, bearing in mind the objective of a better life style at home.

The NITICS concept and fields of application are illustrated **Figure 1**.

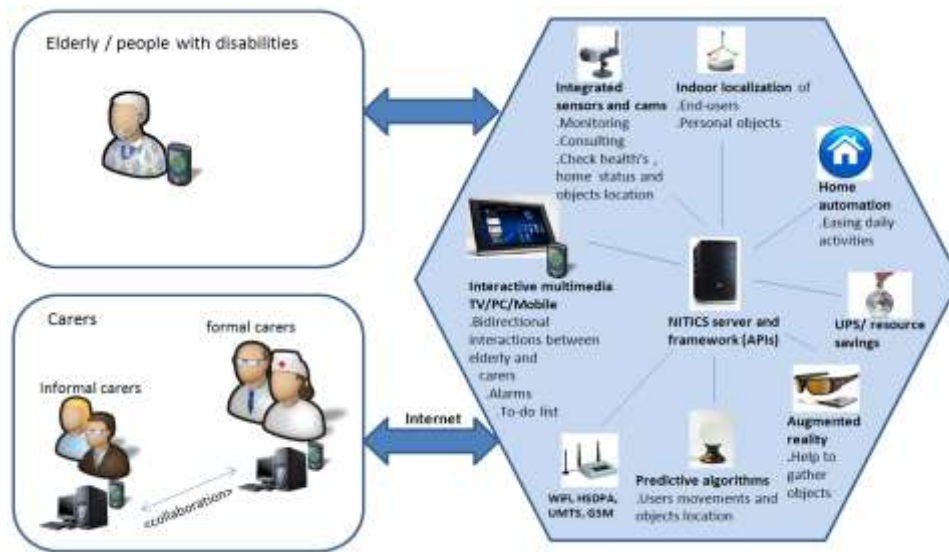


Figure 1. NITICS system's architecture / functional scenarios

3 Demonstrator sessions activities

This section presents activities undertaken within NITICS to demonstrate the NITICS platform and services to stakeholders.

In the Description of Work document [DoW] demonstrator sessions were planned to be organized at conferences and workshops where targeted stakeholders would be gathered. Such sessions are part of the NITICS dissemination strategy that will takes place at the internationa and national events. The partners have agreed on at least three types of event:

- a) Demonstration sessions with stakeholders
- b) Presentations at conferences to visitors
- c) Workshops with potential user groups in countries where pilots will be realized.

The NITICS partners have agreed on a workshop where all NITICS partners would act as stakeholders and where refinements to the platform would be suggested.

3.1 NITICS demonstration sessions with stakeholders

Demonstration sessions with stakeholders will be organized in 4 countries where user-representative partners come from: France, Poland, Romania, and Slovenia.

3.1.1 France (Eeleo&CCC)

Responsible partner: Eeleo

No. of planned demo activities: 1

1. Demo to specific target group of potential secondary users

Ad 1) Demonstration for primary and secondary users

Type of demo session: demo with test possibility

Location: near Paris and Creuse (France)

Type of users/target group(s):	ecosystem of stakeholders (including users), territorial collectivises, professional organisation, professional carers and associations
Number of users involved:	50 + 10
Mean of recruiting users:	agreement with the residence for elderly authorities and a written agreement
Invitation contents/materials:	NA
Use case implemented:	a) medical demonstrator
Technology framework:	NITICS platform, smartphones as gateways, WiFi & VisAge gateways
Measuring devices/sensors:	not yet defined
User satisfaction assessment method:	structured interview
User response analysis:	descriptive statistical analysis
Collection of suggestions for improvement	structured comment list

The data gathered with the NITICS platform will be collected from measuring devices. The carers will test access the NITICS server Dashboard – the entry point for all NITICS platform users.

The feedback from the users will be assessed by analysing their usage of the NITICS services.

3.1.2 Poland (SSW)

Responsible partner: SSWK

No. of planned demo activities: 3

1. Demonstrations to potential primary users
2. Demonstrations with short-term tests
3. One-by-one demonstrations for primary, secondary-users and other stakeholders

1) Demonstrations to potential primary-users

Type of demo session:	Demonstrations to potential primary users
Location:	Warsaw and suburbs
Type of users/target group(s):	seniors (primary users)
Number of users involved:	2-3 groups per 10-15 members (30-40 people)
Mean of recruiting users:	agreement with the University of the Third Age
Invitation contents/materials:	NA
Use case implemented:	a) medical demonstrator; b) personal reminder
Technology framework:	NITICS platform
Measuring devices/sensors:	vital parameter monitors (weight, blood pressure, temperature, oxygen saturation, blood sugar),
User satisfaction assessment method:	focus group
User response analysis:	descriptive analysis

2) Demonstrations sessions for primary-users and secondary-users with short-term tests

Type of demo session:	Demonstrations with short-term (less than 2 hours) tests
Location:	Warsaw and suburbs
Type of users/target group(s):	seniors (primary users)

Number of users involved:	8-10 groups per 3-4 members (30-40 people)
Mean of recruiting users:	agreement with the University of the Third Age
Invitation contents/materials:	NA
Use case implemented:	a) medical demonstrator; b) personal reminder
Technology framework:	NITICS platform
Measuring devices/sensors:	vital parameter monitors (weight, blood pressure, temperature, oxygen saturation, blood sugar),
User satisfaction assessment method:	structured interview
User response analysis:	descriptive statistical analysis
Collection of suggestions for improvement:	structured comment list

3) One-by-one demonstrations for primary, secondary-users and other stakeholders

Type of demo session:	Demo to specific target group
Location:	Warsaw and suburbs (primary- and secondary-users), the rest of Poland (in case of business sector)
Type of users/target group(s):	seniors (primary users), caregivers (secondary users), stakeholders (business sector)
Number of users involved:	>20 people
Mean of recruiting users:	personal & written invitation
Invitation contents/materials:	NA
Use case implemented:	a) medical demonstrator; b) personal reminder
Technology framework:	NITICS platform & localization services (designed by WUT, 2016)
Measuring devices/sensors:	vital parameter monitors (weight, blood pressure, temperature, oxygen saturation, blood sugar), WUT-sensors (RFs, accelerometers, presence detectors, etc.) – 2016.
User satisfaction assessment method:	structured interview
User response analysis:	descriptive statistical analysis
Collection of suggestions for improvement:	structured comment list

3.1.3 Romania (CITST)

Responsible partner: CITST

No. of planned demo activities: 2

1. Demonstration to elderly leaving independently at home
2. Demo to specific target group of potential secondary users

Ad 1. Demonstrations to elderly leaving independently at home

Type of demo session:	demonstration groups of 2-4 elderly people living independently at home
Location:	Bucharest, Cluj, Comarnic, Romania
Type of users / target group(s):	elderly 65+ living independently at home
Number of users involved:	min 30
Mean of recruiting users:	direct contact

Invitation contents/materials: NITICS leaflet and verbal invitation
 Use case implemented: health monitoring at home
 Technology framework: NITICS platform
 Measuring devices/sensors: NITICS platform comprising devices for weight, blood pressure, temperature, oxygen saturation and blood sugar monitoring
 User satisfaction assessment method: structured interview
 User response analysis: statistical analysis
 Collection of suggestions for improvement: structured comment list

Ad 2. Demonstrations to specific target group of potential secondary users

Type of demo session: demo to specific target groups
 Location: Bucharest and Cluj, Romania
 Type of users / target group(s): secondary users comprising formal and informal caregivers and GPs
 Number of users involved: 20
 Mean of recruiting users: direct contact
 Invitation contents/materials: NITICS leaflet and verbal invitation
 Use case implemented: medical demonstrator
 Technology framework: NITICS platform
 Measuring devices/sensors: health parameter monitoring (weight, blood pressure, temperature, oxygen saturation, blood sugar)
 User satisfaction assessment method: structured interview
 User response analysis: descriptive statistical analysis
 Collection of suggestions for improvement: structured comment list

3.1.4 Slovenia

Responsible partner: MKS

No. of planned demo activities: 2

1. Demonstration to self-cared (intergenerational) groups
2. Demo to specific target group of potential secondary users

Ad 1) Demonstrations to self-cared (intergenerational) groups

Type of demo session: Demonstration to (5 elderly-to-elderly) groups each with 8-10 persons)
 Location: 5 regions in Slovenia
 Type of users/target group(s): self-cared (intergenerational) groups
 Number of users involved: 5 groups each 8-10 members (40-50 people)
 Mean of recruiting users: personal invitation at their regular monthly meetings
 Invitation contents/materials: NITICS leaflet + written invitation
 Use case implemented: a) medical demonstrator; b) personal reminder
 Technology framework: NITICS platform & MKS telemedicine platform with vital parameter monitors
 Measuring devices/sensors: vital parameter monitors (weight, blood pressure, temperature, oxygen saturation, blood sugar)

User satisfaction assessment method: structured interview
 User response analysis: descriptive statistical analysis
 Collection of suggestions for improvement: structured comment list

Ad 2) Demonstrations to specific target groups

Type of demo session: demonstrations to specific target groups
 Location: Several dispersed locations in Slovenia
 Type of users / target group(s): potential secondary user groups
 (GPs, volunteers coordinating self—care group,...)
 Number of users involved: 40
 Mean of recruiting users: Participation at the users' groups events
 Invitation contents/materials: personal & written invitation + NITICS leaflet
 Use case implemented: a) medical demonstrator; b) personal reminder
 Technology framework: NITICS platform & MKS telemedicine platform with vital parameter monitors
 Measuring devices/sensors: vital parameter monitors (weight, blood pressure, temperature, oxygen saturation, blood sugar)

3.2 NITICS demonstrations at conferences

Demonstrations of the NITICS solution at conferences are currently planned in two countries: Romania and Slovenia. The plan is revealed below.

3.2.1 Romania (CITST)

Responsible partner: CITST

No. of planned demo activities: 1

Demonstration sessions at the AAL Forum taking place in Romania, September 2014

Type of demo session: demonstrations and live testing to visitors of the NITICS exhibition booth at the AAL Forum, an EU wide event
 Venue: Bucharest, Romania
 Date: from 9th – 12th Sept. 2014
 Type of users / target group(s): demonstration to stakeholders, caregivers and elderly
 Number of users involved: estimated 70 - 100
 Mean of recruiting users: invitation at the booth
 Invitation contents/materials: exhibition booth promotion materials
 Use case implemented: a) medical demonstrator; b) personal reminder
 Technology framework: NITICS platform
 Measuring devices/sensors: NITICS platform comprising devices for weight, blood pressure, temperature, oxygen saturation and blood sugar monitoring
 User satisfaction assessment method: structured interview
 User response analysis: descriptive statistical analysis
 Collection of suggestions for improvement: structured comment list

3.2.2 Slovenia

Responsible partner: MKS

No. of planned demo activities: 1

Demonstration sessions at the Festival of the 3rd Age (F3ZO), Ljubljana, Slovenia

Type of demo session:	demonstrations and live testing to visitors to the NITICS exhibition booth at F3ZO [F3ZO_SLO]
Venue:	Cankarjev dom, Ljubljana, Slovenia
Date	from 30th Sept. to 1st Oct. 2014
Type of users / target group(s):	visitors to the exhibition booth
Number of users involved:	cca 200
Mean of recruiting users:	invitation at the booth
Invitation contents/materials:	exhibition booth promotion materials
Use case implemented:	a) medical demonstrator; b) personal reminder
Technology framework:	NITICS platform & MKS telemedicine platform with vital parameter monitors
Measuring devices/sensors:	vital parameter monitors (weight, blood pressure, temperature, oxygen saturation, blood sugar)
User satisfaction assessment method:	structured interview
User response analysis:	descriptive statistical analysis
Collection of suggestions for improvement	structured comment list

3.3 NITICS partners workshop

The first workshop at which all NITICS partners would act as stakeholders was planned for April 2014 at the NITICS partners' regular meeting. Due to an announcement of the mid-term review for 13th June, 2014 in Lugano (CH), the planned workshop was postponed to a day before the mid-term review, namely to 12th June, 2014 in Lugano (CH). The workshop date is beyond the planned reporting date for D6.5 (M12), so this version of the D6.5 covers plans for the workshop only.

At the workshop the NITICS platform will be exposed to the NITICS partners for critical assessment of the platform developed within WP3 and WP4. Additionally, the partners will refine use cases that would be realized within the NITICS project.

3.3.1 Test of the NITICS platform

In addition to several demonstrations of the NITICS platform functionalities at the on-line workshops for the NITICS partners organized within WP3 and tests performed by individual partner, the partners will test the platform at the planned workshop in Lugano on 12th of June 2014.

Test aims:

1. Confirm/improve the platform functionalities
2. Confirm/improve the platform user interface
3. Confirm/improve the platform data model
4. Confirm/improve the platform data import means

Technical requirements

Five PC working stations with access to the NITICS platform are needed for simultaneous work of all 5 groups testing 5 use cases.

Activities

1. Each of the use cases/stands/groups determines the way through which it communicates with the NITICS platform using selected measuring devices and/or sensors.
2. Each group plays roles of actors in the selected use case
3. Each group records observations and recommendations.

Outputs of the NITICS platform tests

- 1) Confirmed/improved the platform functionalities
- 2) Confirmed/improved the platform user interface
- 3) Confirmed/improved the platform data model
- 4) Confirmed/improved the platform data import means

3.3.2 NITICS Use cases

In the NITICS deliverable “D2.2: Service concepts report: Key functionalities and formal descriptions” being a result of the “WP2: End-user requirements and service concepts” the following use cases were foreseen:

1. Health status telemetry (blood pressure, pulse, weight, glucose, temperature, remote medical visit)
2. Home monitoring
 - a. Fall detection
 - b. Environment (water, fire, gas, other sensors for domestic parameters)
 - c. Safety check
 - d. An automatic door lock
 - e. Dynamic movements (physical activity)
3. Reminders (voice, text, picture/image or MMS, pill dispenser(s),...)
4. Social in-door localisation games

The workshop aims are:

1. Confirm/redefine the NITICS platform system architecture for the tested use cases
2. Perform feasibility test for the proposed use cases
3. Refine (confirm/change/discard) use cases

The workshop programme:

1. The tests of use cases are organized as demonstration stands
2. Each stand tests one use case with all its functionalities
3. Each stand demonstrates its use case with all its functionalities to all workshop participants
4. All workshop participants take active role in a final discussion where they summarize impressions and future tasks

Workshop duration: 2h – 12.6.2014 at 10:30-12:30

- 90' Tests
- 30' Panel meeting for discussion on the tests and for conclusions.

Participants

All participants of the NITICS meeting are involved. Possible approaches:

- a) Use the Participants list of the meeting and delegate people to disperse them equally to each use case
- b) Each participant selects its use case where she/he participates.

- c) One person is delegated for each use case to lead the demo.

3.3.3 Test of the NITICS Use cases

Technical requirements

Five PC working stations with access to the NITICS platform are needed for simultaneous work of all 5 groups testing 5 use cases.

1. Health status telemetry:
 - a. blood pressure monitor
 - b. weight scale
 - c. pulse
 - d. temperature
2. Home monitoring
 - a. water detector
 - b. fire detector
 - c. gas detector
 - d. : IR sensor(s) monitoring physical activity
 - e. fall detector with a receiving unit if needed
3. Reminders:
 - a. voice, text, picture/image or MMS reminders
 - b. pill dispenser(s)
4. Social in-door localisation games
5. Computer projector for a PC logged to NITICS platform

Activities

Before the workshop

1. Each use case group studies the use case and prepare a plan for the demonstration (simulation)
 - a) The group determines and plots the use case system (technological solution) architecture (topology)
 - b) Each group determines terminal devices needed to perform the tests
 - c) The group writes down a protocol for testing each of the functionalities within the Use case in normal flow and alternative flow

At the workshop

1. Each group determines actors in the use case and delegate a role to each group member
2. Each group tests each of the functionalities within the use case in normal flow and alternative flow
3. Each group defines a set of "views" for each type of stakeholder (the caregiver, the caretaker ...) so that it demonstrate:
 - a) How the person interacts with the system
 - b) How the caregiver ... can visualize the data ...
4. Each group writes a report on the test with at least the following items:
 - a) Time period to realize the test when defined
 - b) Assessment of the difficulty of the test 1-4 grade scale (4 –very difficult, 1-very easy)
 - c) Suggestions:
 - i. proposed modifications, changes, corrections
 - ii. proposed improvements (i) obligatory; ii) essential iii) optional for the future upgrades)

Outputs of the tests

- 1) Confirmed/improved use cases
- 2) Confirmed/improved protocols for demonstrations to different stakeholders
- 3) Confirmed/improved architecture for the pilots.

4 Conclusions

The partners have agreed on at least three types of demonstrator sessions activities:

- 1) Demonstration sessions with stakeholders
- 2) Presentations at conferences to visitors
- 3) Workshops

Ad 1) Demonstration sessions with stakeholders will be organized in 4 countries where user-representative partners come from: France, Poland, Romania, and Slovenia.

In France demonstration for primary and secondary users are planned at two locations involving 60 stakeholders.

In Poland two types of demonstration activities are planned: demonstration to seniors – potential primary users (target 30-40 people), demonstrations to primary and secondary users with short-term tests (target 30-40 people) and one-by-one demonstrations for primary, secondary-users and other stakeholders (target more than 20 people).

In Romania two types of demonstration activities are planned: demonstrations to elderly leaving independently at home (target more than 30 people) and demonstrations to specific target group of potential secondary users (target 20 people).

Also in Slovenia two types of demonstration activities are planned: demonstrations to self-cared (intergenerational) groups (target 5 groups with 40-50 people) and demonstrations to specific target groups e.g. GPs, volunteers coordinating self—care groups etc. (target 40 people)

Ad 2) Two presentations at conferences to visitors have already been scheduled: AAL Forum 2014 in Bucharest on 9-12th September 2014 and the Festival of the 3rd Age (F3ZO) in Ljubljana, Slovenia from 30th Sept. to 1st Oct. 2014. Further plan will be made at the first NITICS partner meeting.

Ad 3) A workshop with the NITICS partners will be organized in Lugano on 12th June 2014 to confirm use cases and pilots that will be realized within the project and to test the NITICS platform performances.

5 References

- [DoW] “Networked Infrastructure for Innovative home Care Solutions (NITICS)” Description of Work (DoW), AAL-2012-5-255.
- [F3ZO_SLO] The 14TH Festival of the 3rd Age, Ljubljana, Slovenia - The event profile (document attached).

Appendix: The 14TH Festival of the 3rd Age, Ljubljana, Slovenia

The 14TH Festival of the 3rd Age, Ljubljana, Slovenia

The event profile

The 14th Festival of the 3rd Age (F3ZO) takes place in Ljubljana, Slovenia, from 29th Sept. to 1 October 2014. Since the year 2000 the Festival opens doors to intergenerational harmony, creativity and the exchange of ideas. It helps building a society for all generations. It addresses in particular people of the third generation. It is organised under the patronage of the Ministry of labour and social affairs and is the largest event of that kind in the Central and the South-Eastern Europe. A slogan of the 2013 event is "Be active!".

The main goal of the festival is to give a voice to people that addresses quality of life of the third generation and intergenerational solidarity. The Festival is a platform where participants share their ideas and express their views on challenges of the modern European society, of the demographic changes in Europe, and its sustainable development. The Festival promotes inter-generational cooperation, creative potentials of the third generation to further participate in the society and social inclusion. It also demonstrates the third generation active lifestyle.

The event is organised as thematic parks: quality of life (health, entertainment, leisure, culture, and tourism...), intergenerational cohesion, education (the third age academy, seminars, trainings, skills...), developments and new technological solutions (technology park). It brings together people of all generations from kindergartens to older adults and builds bridges between generations. There are several arrangements (forms) available for participation: open stage performances, round tables, conference meetings, workshops, expositions, demonstrations, life testing, meetings etc. It targets at several stakeholders: elderly adults joined in different organisations (e.g. pensioners), the active generation, young people of all ages, business people and traders, health and social care professionals, insurance companies etc. The festival is a great opportunity to strengthen relations among the economic sector, an academic sphere, social and health policy makers and people of good will that work together for better quality of our everyday lives and more friendly society. Competitions for the best essay, the painting and the photography are organised among school children and students aiming at building a society for all generations and in particular to raise awareness on intergenerational solidarity. The awarded works are adequately promoted during the Festival.

The 13th Festival in 2013 (1-3. Oct. 2012) entitled *"We Are All One Generation"* visited more than 15.000 visitors for who over 250 events were organised with 2.500 performers of all generations. There were over 150 exhibitors responding to different needs of the visitors.

The Festival has its programme and the organising committee. It is supported by governmental institutions (ministries, agencies), NGOs, media partners (newspapers, radio and TV broadcasting, web portals) and product partners. It is promoted through web (web page, multimedia portal), printed materials (guides, posters, and festival proceedings), on-line TV broadcast, interviews on national and regional TVs, radios... As such the Festival goes beyond national borders attracting delegations of socio-political organizations from Italy, Austria, Hungary, Slovakia, Serbia, Croatia, Macedonia and Romania.

Information Society Park

A technology park has been organised within the Festival since 2007, each year having different slogan e.g. "Information Society Park". It is aiming at presenting visitors new technology achievements and services that are available to frail people, to promote solutions and services and to give potential users an

opportunity to get in touch with them and test them. The exposition/test area is cca. 100 m², and hosts up to 15 selected exhibitors. The park attracts several visitors, among them also potential users of AAL solutions that would never come to a specialized event where new technological achievements are presented. The paradigm we use is: *“Bring your solutions to places where potential users are”*. This way the Festival realizes the idea that we should move/bring solutions to places where potential users are and not vice versa: trying to move people to specialized events. At the Park we organise some events related to new technological solutions for frail people. The Park attracts each year also local politicians (the Slovenian presidents, the prime ministers, the ministers of health, the ministers of social affairs the ministers of science and technology etc.) and representatives of the European Commissions (e.g. Viviane Reding, ex Information Society and Media commissioner in 2008).

Round table on ICT based social and healthcare services

Each year since 2007 a round table on ICT based social and healthcare services is organized in parallel to the promotional activities at the technology park. Topics such as new services for frail and elderly people and ICT solution deployment attracts up to 100 participants from politicians to professionals that open the most challenging issues related to better living particularly of the elderly population.

Prepared by:

Drago Rudel, the Festival Programme Committee member

Andrej Jus, the Festival Programme Committee vice-president

Links:

About the Festival: <http://en.f3zo.si/festival-ljubljana/>

Document history

Table 1: Document history

Title	Doc.-ID	Version	Date
Initiation of Table of Content (ToC).	NITICS_WP6_D6_5_R_P_1v0.doc	1.0	16.04.2014
Inclusion of contributions of the consortium partners.	NITICS_WP6_D6_5_R_P_1v1.doc	1.1	24.05.2014
Contributions from CISTS and SSW added.	NITICS_WP6_D6_5_R_P_1v2.doc	1.2	3.06.2014
Final version of deliverable.	NITICS_WP6_D6_5_R_P_1v3.doc	1v3	4.06.2014

- End of document -