AAL Project

NITICS

Networked InfrasTructure for Innovative home Care Solutions

WP6: Business model design, dissemination, exploitation and commercialization

D6.5: Demonstrator sessions (Release Month 24)

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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.

The document has two versions: the first version was delivered in M12 and the second in M31. Originally, the second one was planned for M24, but due to the agreed project prolongation the delivery month was M31.

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 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 at the conferences in Romania and Slovenia
- **Section 3.3:** NITICS partners workshops at the meetings of the project partners in Lugano on 12th June 2014 and on 26th Oct. 2015 in Ljubljana.

  In addition to the physical meeting 5 on-line workshops (see the meetings minutes) were organised to test and improve different NITICS platform functionalities.

Section 4: Conclusions of the demonstrator sessions.

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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 were 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 was to be delivered at M12 and M24 respectively.

The Task 6.3 and consequently this deliverable D6.5 depend 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 involved in exploiting the NITICS platform were 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 workshops were discussed at the WP2 and WP6 participating partners and the project coordination level.

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 relies 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 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 enables 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 helps 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 provides major benefits to the end-users but also provides benefits to caretakers and people directly involved in the care value chain. Furthermore, additional alternative, innovative service concepts emerged during the project, allowing increasing use of the platform for better life style at home for NITICS platform users.

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

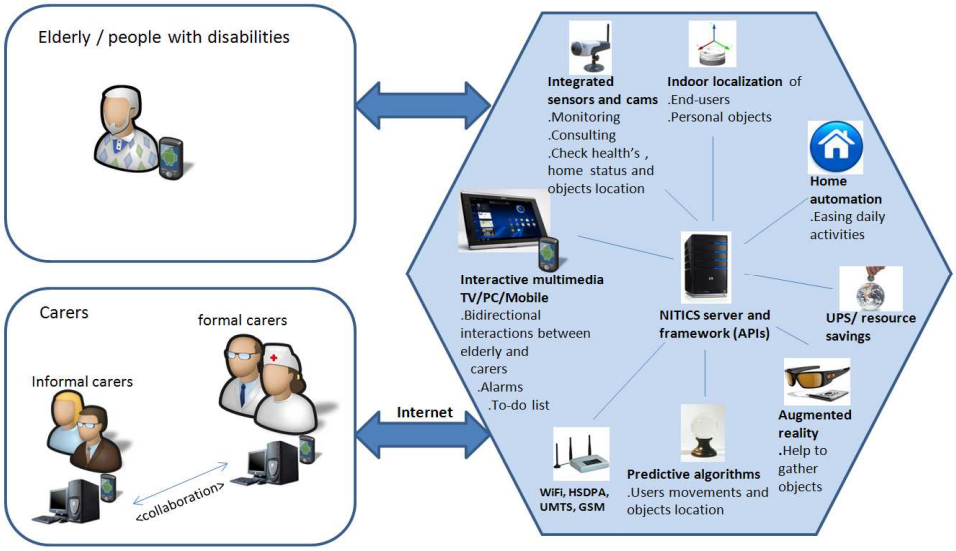

Figure 1.NITICS system's architecture / functional scenarios

3 Demonstrator sessions activities

This section presents activities undertaken within NITICS to demonstrate the NITICS platform functionalities 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 were part of the NITICS dissemination strategy that took place at international and national events. The partners 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 were planned to be realized.

The NITICS partners agreed also that workshops would be considered all events where all NITICS partners acted as stakeholders and where refinements to the platform were suggested.

3.1 NITICS demonstration sessions with stakeholders

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

3.1.1 France

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 were collected from measuring devices. The carers tested access the NITICS server Dashboard – the entry point for all NITCS platform users.

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

3.1.2 Poland

Responsible partner: SSW

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

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:	NTICS 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 lis.

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

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 (MKS)

Responsible partner: MKS

No. of planned demo activities: 1.

Demonstration sessions at the 14th Festival of the 3rd Age (F3ZO) 2014, 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, NITICS poster
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.

Demonstration sessions at the 15th Festival of the 3rd Age (F3ZO) 2015, Ljubljana, Slovenia

Type of demo session:	demonstrations and live testing to the Director of AAL CMU dr. Karina Marcus, to Slovenian partners in different AAL projects and to visitors to the AAL exhibition booths at F3ZO 2015 [F3ZO_SLO]
Venue:	Cankarjev dom, Ljubljana, Slovenia
Date	from 30th Sept. 2015
Type of users / target group(s):	visitors to the exhibition booth
Number of visitors:	cca 100
Mean of recruiting:	invitation at the booth, personal invitations by MKS
Invitation contents/materials:	exhibition booth promotion materials, NITICS poster
Use case implemented:	medical demonstrator
Technology framework:	NITICS platform & MKS telemedicine platform with vital parameter monitors
Measuring devices/sensors:	weight scale, blood pressure, oxymeter
User satisfaction assessment method:	not measured but assessed from the interest expressed by the visitor.
User response analysis:	no analysis, satisfaction assessed at 4/5. The AAL CMU director very satisfied with the general performance of the project presenters
Collection of suggestions for improvement	personal records of MKS staf.

Figure 2: ITICS booth at the 16th Festival F3ZO 2015 exhibition

Figure 3: AAL booth at the 16th Festival F3ZO 2015 exhibition with Dr. Karina Marcus, Director AAL CMU presenting AAL work to visitors

3.3 Workshop of NITICS partners

3.3.1 On-line workshops for the NITICS partners

At the on-line workshops for the NITICS partners demonstrations of the NITICS platform functionalities were tested.

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.

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 Workshop in Lugano (CH)

The first workshop at which all NITICS partners participated as stakeholders took place 12th June, 2014 in Lugano (CH).

The workshop aims were:

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 was:

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.

At the workshop the NITICS platform was exposed to the NITICS partners for critical assessment of the platform developed within WP3 and WP4. Additionally, the partners refined use cases that were realized later during the NITICS project development.

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.

Five PC working stations with access to the NITICS platform were used for simultaneous tests of all 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

Before the workshop

1. Each use case group studied the use case and prepared a plan for the demonstration (simulation)
    a) The group determined and plotted the use case system (technological solution) architecture (topology)
    b) Each group determined terminal devices needed to perform the tests
    c) The group wrote 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 determined actors in the use case and delegate a role to each group member
2. Each group tested each of the functionalities within the use case in normal flow and alternative flow
3. Each group defined a set of "views" for each type of stakeholder (the caregiver, the caretaker …) so that it demonstrated:
    a) How the person interacts with the system
    b) How the caregiver … can visualize the data …
4. Each group wrote 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 was graded on a scale 1-4 (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 were:

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

3.3.3 Workshop in Ljubljana (SI)

The second workshop for the NITICS partners with physical presence took place on 26 October 2015 in Ljubljana, Slovenia. The aim was to demonstrate stand-alone solution of RF localisation sensors and to test the integrated system incorporated into the NITICS platform.

Jerzy Kolakowski of WUT demonstrated the system in the meeting room (100m^2). Sensitivity of the system that consisted of 4 independent motion sensors was sufficient to localize a person within 0.5m area. That would be sufficient to use it within home environment and to identify the monitored person's position. The motion detector enables new scenarios to be designed.

It was decided by the consortium that at present the positioning sensor would not be part of the demonstration package as it is still under development to reduce its energy consumption.

4 Conclusions

The partners organised 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 were organized in 4 countries where user-representative partners come from: France, Poland, Romania, and Slovenia.

In *France* demonstration for primary and secondary users was organised by Eeleo in Creuse (France) involving 60 stakeholders.

In *Poland* three types of demonstration activities were organised by SSW:

a) demonstration to seniors – potential primary users in Warsaw and suburbs (30-40 people)

b) demonstrations to primary and secondary users with short-term tests in agreement with the University of the Third Age, Warsaw (30-40 people)

c) one-by-one demonstrations for primary, secondary-users and other stakeholders (more than 20 people) organised through personal & written invitations in Warsaw and other cities.

In *Romania* two types of demonstration activities were organised by CITST:

a) demonstrations to elderly leaving independently at home (30 people) in Bucharest, Cluj and Comarnic

b) demonstrations to specific target group of potential secondary users (20 people) in Bucharest and Cluj.

In *Slovenia* two types of demonstration activities were organised by MKS in 5 regions of Slovenia:

a) demonstrations to self-cared (intergenerational) groups (40-50 people) and

b) demonstrations to specific target groups e.g. GPs, volunteers coordinating self—care groups etc (target 40 people).

Ad 2) NITICS partners participated at AAL and some other **conferences/ exhibitions**:

- AAL Forum 2014 in Bucharest on 9-12th September 2014 (all partners)
- the 14th Festival of the 3rd Age (F3ZO) in Ljubljana, Slovenia from 30th Sept. to 1st Oct. 2014 (MKS)
- the 15th Festival of the 3rd Age (F3ZO) in Ljubljana, Slovenia from 30th Sept. to 1st Oct. 2015 with participation of Dr. Karina Marcus, Director AAL CMU (MKS).

Ad 3) **Workshops** of NITICS partners at physical meetings were organised in:

- Lugano on 12th June 2014 to confirm use cases that were validated through the NITICS pilots
- Ljubljana on 26th Oct 2015 to integrate location sensor into the NITICS platform.

In addition to the physical meeting 5 on-line workshops (see the meetings minutes) were organised to test and improve different NITICS platform functionalities.

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 1:

The 14th Festival of the 3rd Age, Ljubljana, Slovenia 30th Sept. to 1st Oct. 2014

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 is 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 m^2, 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	16.4.2014
Inclusion of contributions of the consortium partners.	NITICS_WP6_D6_5_R_P_1v1.doc	1.1	24.5.2014
Contributions from CISTS and SSW added.	NITICS_WP6_D6_5_R_P_1v2.doc	1.2	03.06.2014
Update of the deliverable	NITICS_WP6_D6_5_R_P_1v3.doc	1v3	04.06.2015
Final version of deliverable	NITICS_WP6_D6_5_R_P_1v4.doc	1v4	30.11.2015

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