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Abstract: This deliverable presents the dissemination and clustering activities achieved by the project since the beginning of the project, as well as the plans for the remaining project time and the partner's exploitation plans.

Keywords: IPv6, Governments, Dissemination, Clustering, Roadshow.

Revision History

The following table describes the main changes done in this document since its creation.

Revision	Date	Description	Author (Organization)
V2.0	06/12/2013	New document creation	Antonio Skarmeta (UMU)
V3.0	21/12/2013	Integrated version with contribution from GEN6 partners UMU, CITKOMM, MINHAP, MINTUR, UL, CZ.NIC, FRAUNHOFER, TNO, CTI, GRNET, ULFE	Antonio Skarmeta (UMU)
V3.1	30/12/2013	Content consolidation	Jiri Pruza (CZ.NIC)
V3.2	30/12/2013	Road show, Booklets	Martin Krengel (Citkomm)
V4.0	31/12/2013	Final version	Antonio Skarmeta (UMU)
	01/01/2014	Delivery	Uwe Kaiser (Fraunhofer)

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Executive Summary

This deliverable presents the dissemination, clustering and related activities carried-out by the project in the first year, as well as the plans for the remaining duration of the project and the exploitation plans for each of the participants.

It identifies on-line dissemination, internal and external IST-level/others communications. It includes the presentation of project work and results in workshops, events and conferences, as well as other publication initiatives.

It also identifies possible public activities or events to be organized by the project.

The deliverable provides exploitation plans from the project partners, when they can be identified in this early stage of the project.

Finally, it describes the main aspects of the project participation in standards and policy activities.

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1. INTRODUCTION

GEN6 shares the view that a democratic European society, with a strong and productive economy, requires service-oriented, secure, reliable and innovative government, at all levels independently of size and location used by all groups of citizens (elder, handicapped, youngsters, immigrants). Successful implementation of eGovernment can improve services, strengthen our societies, increase productivity and welfare, and reinforce democracy. This success will only be achieved by pursuing a long-term vision, with clear and sustainable objectives, with constancy and persistence, and with participation of all stakeholders: government, citizens and industry. GEN6 will contribute to these objectives in the area of communication and how to transition to IPv6 in the government area.

Looking at the propagation of IPv6 networks and services upon these networks, we can state that we are looking at islands. Narrowing the view to eGovernment, these islands are getting even smaller. As indicated in the call: "With a depletion of IPv4 addresses expected soon, public administrations and other stakeholders must prepare for IPv6 deployment in order to ensure continuity of their services.". IPv4 addresses are not available anymore. So, actions have to be taken to pave the way for administrations to IPv6: "The aim is hence to stimulate the upgrade of eGovernment infrastructures, and services of public interest to IPv6."

This goal will be achieved by evaluation of available guidelines from research and administrative institutions (US NIST Profiles and documents from RIPE) to develop assistance targeting at European administrations. In parallel, GEN6 will execute a number of different pilots based on existing and running services and infrastructures to set up practical hands-on guidelines with checklists and evaluation charts. Due to the different characteristics of the pilots, those guides will encompass network equipment, middleware, portal technologies and up to dedicated government applications of different Member & Associated States. Pan European requirements will be identified within two cross-border scenarios.

The project match exactly the objectives, general and in detail, as stated in the call. GEN6 has taken measures to achieve the requirements of those objectives, as listed in the following table.

The project will have different national and cross-border pilots. Replicating many aspects of the pilots across different existing infrastructures in different countries, that have different approaches, allows more alternatives to be tested in real scenarios, providing a broader view for the replication of the project results across Europe, while actually the project approach reduces the cost, because of the parallel learning and knowledge exchange among partners, and maximizes the impact of the resources involved in the project.

The outcome of the pilots will contribute to provide general guidelines and will provide

additional documentation based on transition experiences in different fields

Those results will be used for an European-wide dissemination campaign in order to further stimulate the EU-wide take-up of IPv6 in public administrations and by other relevant stakeholders.

The communication activities and road shows of GEN6 will make sure that the achievements of the project are well disseminated during the project, which are aimed to a targeted European-wide dissemination campaign aimed to the stimulation of the IPv6 uptake in public administrations and other relevant stakeholders (targeted to experts and public authorities).

As a practical way to further stress this dissemination, an event will be organized in Brussels together with the EC, several booklets with the project results will be delivered.

Beside this, all classical way to promote GEN6 results are used, such as publications, Internet presence (web service, Facebook, twitter) and presentations with special focus on eGovernment events, as well as clustering activities.

Within GEN6 every pilot will do dissemination on the national level, under the scope of the Dissemination Work Package. The results will be made available to all stakeholders of the pilot but also to national interest groups for government services, equipment and network providers, by means of common dissemination activities, the road show, the project results book and the event organized jointly with the EC.

The project itself will spread the findings and results on the European and international level to make the initial starting points visible and to encourage other administrations to start national transition projects or to help interested authorities to get the first step done. Since transition in this case is less of a technical than a mental question, the documentation will stress the benefits of IPv6 on the one side and give technical advice on the other side.

2. PROJECT CONTACTS

The project has established contacts with different actors around the world, including other IST/CIP, related projects and initiatives.

The main activities related to the work performed by GEN6 which have been contacted or planned to contact are:

Name	Acronym	Website
IPv6 Observatory	IPv6 Observatory	http://www.ipv6observatory.eu/
Secure Identity Across Borders Linked 2.0	STORK 2.0	https://www.eid-stork2.eu/
European Emergency Number Association	EENA	http://www.eena.org
secured Trans European Services for Telematics between Administrations	sTESTA	http://ec.europa.eu/isa/actions/02-interoperability-architecture/2-4action_en.htm
Internet Society	ISOC	http://www.internetsociety.org/
Deploy 360 Programme	Deploy360	http://www.internetsociety.org/deploy360/
RIPE Network Coordination Centre	RIPE NCC	http://www.ripe.net/
Internet Corporation for Assigned Names and Numbers	ICANN	http://www.icann.org/
The Internet Engineering Task Force	IETF	https://www.ietf.org/
International Telecommunication Union	ITU	http://www.itu.int
The Organisation for Economic Co-operation and Development	OECD	http://www.oecd.org
European Telecommunication Standards Institute	ETSI	http://www.etsi.org/
Digital Agenda for Europe, HLG	DA HLG	http://ec.europa.eu/digital-agenda/
Future Internet Research and Experimentation Initiative	FIRE	http://cordis.europa.eu/fp7/ict/fire/
GEANT, pan-European research and education network	GEANT	http://www.geant.net/Pages/default.aspx
European Space Agency	ESA	http://www.esa.int/ESA
European Network and Information Security Agency	ENISA	http://www.enisa.europa.eu/
VITAKO	VITAKO	http://www.vitako.de
Deutscher Städtetag	Deutscher Städtetag	http://www.staedtetag.de/
DATABUND - Bundesverband der mittelständischen IT- Dienstleister und Softwarehersteller für den öffentlichen Sektor e. V.	DATABUND	http://www.databund.de
Instituto Nacional de Tecnología de la Comunicación	INTECO	http://www.inteco.es/
Red.es	Red.es	http://www.red.es
ePractice.eu	ePractice.eu	http://epractice.eu/

Table 2-1: Project Contacts

297239	GEN6	D1.2: Final Plan for dissemination and use of project results
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3. DISSEMINATION ACTIVITIES

The dissemination activities have the responsibility of creating awareness regarding the different activities performed by the different work-packages and in general the work being done in the overall project.

Next sections provide some concrete examples of the project intend on this regards.

3.1 Project Website

The main dissemination tool of the GEN6 project is the project website.

It is available at the following URL:

- <http://www.gen6-project.eu/>

For all the services, both IPv6 and IPv4 are supported.

The project website is working since project Month 3. It will be fully redesigned at begin of 2014 and will henceforth be periodically updated with the documents and results of the project.

The website has been extensively disseminated thru search engines, so it can be easily located as a general information source for the topics related to the project work.

3.2 Project Logo



3.3 Project Leaflets and flyers

Several flyers and leaflets related to the pilots have been produced, and can be accessible at:

http://www.gen6-project.eu/docs/others/gen6_flyer_v4.pdf

Finally a general presentation of the project is available at:

http://www.gen6-project.eu/docs/presentations/GEN6-project-overview_v1.pptx.pdf

3.4 Project News and Press Releases

A section of the web site is devoted to the project and related news. It is expected that the project will be able to produce press releases and news regarding key activities and results.

3.5 Internal Dissemination

The project partners will organize yearly internal workshops in order to promote the awareness creation within their own organizations. Other partners may attend those workshops also, in order to provide complementary contents.

This kind of internal workshops are required in order to ensure the wide dissemination of the project work and results towards the companies involved in the consortium. Otherwise, the experience is that, especially in big organizations, the project aspects may not be disseminated appropriately, so the workshop could provide the path for taking a bigger advantage in terms of exploitation of results and intra/inter-departmental cooperation.

The list of internal dissemination can be found in the table relate to the dissemination activities.

3.6 Conferences and Publications

A1: LIST OF SCIENTIFIC (PEER REVIEWED) PUBLICATIONS, STARTING WITH THE MOST IMPORTANT ONES										
NO.	Title	Main author	Title of the periodical or the series	Number, date or frequency	Publisher	Place of publication	Year of publication	Relevant pages	Permanent identifiers ¹ (if available)	Is/Will open access ² provided to this publication?
1	<i>6inACTION: Smart communications solution in emergency situations</i>	Mojca Volk (ULFE)	/	November 2013	ULFE	Slovenia	2013	pp. 1 - 32	/	yes
2	<i>Eco - labelling Greek schools for energy efficiency over IPv6" at conference</i>	K. Koumoutsos, E. A. Varvarigos, V. Nikolopoulos A. Liakopoulos	16th Panhellenic Conference on Informatics				2012	256 - 260		no

¹ A permanent identifier should be a persistent link to the published version full text if open access or abstract if article is pay per view) or to the final manuscript accepted for publication (link to article in repository).

² Open Access is defined as free of charge access for anyone via Internet. Please answer "yes" if the open access to the publication is already established and also if the embargo period for open access is not yet over but you intend to establish open access afterwards.

3.7 Dissemination activities

A2: LIST OF DISSEMINATION ACTIVITIES								
	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
	Internal workshop	Janez Sterle (ULFE)	Municipality of Ljubljana, Dept. for civil protection and rescue	13.January 2012	Ljubljana	PPDR	10	Slovenia
	Publication in the Spanish e-government portal ⁵	Carlos Gómez (MINHAP)	The transition to IPv6 in the Public Administration	February, 2012	N/A	General Public	N/A	Spain, all
	Conference	Jan Zorz	2nd World IPv6 Congress	7. – 10.February 2012	Paris	ICT industry, EU	/	Worldwide
	Presentation at the Dutch IPv6 Task Force	TNO	GEN6 overview	28. February 2012	Utrecht	ICT industries, policy makers	60	NL
	Presentation to CP-CSAE ⁶	Carlos Gómez (MINHAP)	Spanish Government IPv6 initiatives	29. February 2012	Madrid	Public Administration	40	Spain

³ A drop down list allows choosing the dissemination activity: publications, conferences, workshops, web, press releases, flyers, articles published in the popular press, videos, media briefings, presentations, exhibitions, thesis, interviews, films, TV clips, posters, Other. – different footnotes formatting!

⁴ A drop down list allows choosing the type of public: Scientific Community (higher education, Research), Industry, Civil Society, Policy makers, Medias, Other ('multiple choices' is possible).

⁵ http://administracionelectronica.gob.es/pae_Home/dms/pae_Home/documentos/OBSAE/pae_Notas_Tecnicas/2012-02_nota_tecnica_IPv6_04_EN/IPv6_04_EN.pdf

⁶ CP-CSAE is the committee that brings together the heads of the ICT departments of the Ministries in the Spanish National Administration

A2: LIST OF DISSEMINATION ACTIVITIES

	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
	Workshop	Martin Krengel (Citkomm)	IPv6 basics, GEN6 project	27. March 2012	Iserlohn	ICT Citkomm	30	Interanal
	Conference	Martin Krengel (Citkomm)	IPv6 in government including GEN6 overview at AKN Forum	28.-29.March 2012	Rothenburg	Government	70	Germany
	Conference	Jiří Průša (MVCR)	IPv6: Time is up!	2.-3. April 2012	Hradec Králové (CZ)	Government; Policy makers, IT industry	2 000	Czech Republic, Slovakia
	Internal workshop	Janez Sterle (ULFE)	Telekom Slovenije	10. April 2012	Ljubljana	Telco, PPDR	10	Slovenia
	Conference	Janez Sterle (ULFE)	RIPE64: attendance, offline presentations, workshops related to GEN6	16. – 20. April 2012	Ljubljana	ICT industry, research, EU	441	Worldwide
	Workshop “IPv6 and Mobility” organized by DINTEL	Aitor Cubo (MINHAP)	The transition to IPv6 in the Public Administration	17. April, 2012	Madrid	Industry	50	Spain
	Web site	Jordi Palet Martinez (Consulintel)	Set up of initial project web-site on www.gen6.eu	18. April 2012	Madrid	Internet	/	Worldwide
	Conference	Jan Zorz	3rd Norwegian IPv6 summit	23 – 24, April 2012	Oslo	ICT industry, research, EU	/	Worldwide
	Publication	Martin Krengel (Citkomm)	Presentation of Citkomm pilot in GEN6, Annual Report Citkomm	May 2012	Iserlohn	Government	/	Germany
	Training	Petr Černožouz (CZ.NIC)	IPv6 Implementation	May; June 2012	Praha (CZ)	Government	15	Czech Republic
	Presentation at IPv6 seminar for governments	Gemeente Alkmaar	Gemeente Alkmaar en IPv6	10. May 2012	Den Haag	Governments, local, regional and national	100	NL

A2: LIST OF DISSEMINATION ACTIVITIES

	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
20120521	Workshop	Martin Krengel (Citkomm)	Introduction workshop for a GEN6 Support board by software vendor	21.May 2012	Leipzig	Software vendors for government business applications	10	Germany
20120522	Conference	Martin Krengel (Citkomm)	Overview on GEN6 activities at "Neue Verwaltung" (new administration)	22.- 23.May 2012	Leipzig	Government	80	Germany
20120600	Publication in the Spanish e-government portal ⁷	Carlos Gómez (MINHAP)	GEN6: Governments ENabled with IPv6 Encouraging the transition to IPv6 in European public administrations	June, 2012	N/A	General Public	N/A	Spain, all
20120604	Presentation to the CP-CSAE IPv6 Addressing Plan Workgroup	Carlos Gómez (MINHAP)	Initiatives for the IPv6 transition in Public Administration	4. June 2012	Madrid	Public Administration	20	Spain
20120605	Press release and articles	CZ.NIC	Czech cities and municipalities lagging behind in implementation of IPv6	5. June 2012	Praha (CZ)	Government, IT industry	N/A	Czech Republic; EU
20120606	Conference	CZ.NIC	IPv6 Day	6. June 2012	Praha (CZ)	IT industry, Government	150	Czech Republic
20120606	Presentation at IPv6 Launch	TNO and Gemeente Alkmaar	GEN6 overview, GEN6 and Alkmaar	6. June 2012	Amsterdam	ICT Industries, research, governments	30	NL
20120612	Presentation	Jiří Průša	IPv6 in the Czech Republic (IPv6	12. June 2012	Genève (CH)	Government;	50	

A2: LIST OF DISSEMINATION ACTIVITIES

	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
		(CZ.NIC)	Group under ITU)					
20120613	Presentation	Martin Krengel (Citkomm)	GEN6 project overview at VITAKO Working Group network and system	13.June 2012	Recklinghausen	ICT in Government	30	Germany
20120618	Conference IoT Week 2012 and IoT International Forum	Antonio Skarmeta (UMU)	Governments Enabled with IPv6	18. – 22. June 2012	Venice	ICT industries, Universities, UE	250	Worldwide
20120626	Conference	GEN6 consortium	GEN6 board @ IPv6 World Congress	26.-27.June 2012	Brussels	Government, ICT industry, research, EU, academic	60	Worldwide
20120717	Conference	Jiří Průša (CZ.NIC)	Czech – Taiwan Telecommunication Policy Workshop	17. July 2012	Taipei (TW)	Government, IT industry	150	Taiwan, Asia countries, Czech Republic
20120725	Presentation to CP-CSAE	Carlos Gómez (MINHAP)	Update on the status of the IPv6 initiatives	25. July 2012	Madrid	Public Administration	40	Spain
20120726	Internal workshop	Janez Sterle (ULFE)	Ministry of higher education, science and technology	26. July 2012	Ljubljana	Telco, PPDR	15	Slovenia
20120910	Conference	Jan Zorz	EuroNOG: GEN6 represented as part of a keynote	10. – 11. September 2012	Budapest	ICT industry, research, EU	/	Worldwide
20120924	Conference	Jan Zorz	RIPE65 meeting	24. – 28. September 2012	Amsterdam	ICT industry, research, EU	/	Worldwide
20121003	Meeting	Jan Zorz	GEANT meeting: GEN6 represented as part of a keynote	3. – 5. October 2012	Helsinki	ICT industry, research, EU	/	/
20121003	Internal workshop	Janez Sterle (ULFE)	Municipality of Ljubljana, Dept. for civil protection and rescue	3. October 2012	Ljubljana	PPDR	8	Slovenia
20121005	Conference	Jiří Průša	Policies and IPv6:	5. October 2012	Sao Paulo	Government, IT	250	North and

A2: LIST OF DISSEMINATION ACTIVITIES

	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
		(CZ.NIC)	<i>Lessons learnt from the Czech Republic</i>		(Brasil)	industry, academia		South America, Europe
20121011	Internal workshop	Janez Sterle (ULFE)	Cisco Global	11. October 2012	Ljubljana	PPDR, telco	5	Slovenia
20121022	Conference	Jan Zorz	PLNOG 2012	22. – 23. October 2012	Krakow	ICT industry, research, EU	/	Worldwide
20121025	Presentation for Parliament Members (Subcommittee for ICT and electronic communication)	CZ:NIC	IPv6: Time is up!	25. October 2012	Praha (CZ)	Government	15	Czech Republic
20121112	Workshop	Martin Krengel (Citkomm)	IPv6 Address planning for large cities	12. November 2012	Düsseldorf	ICT in Government	50	Germany
20121116	Presentation to the Region of Murcia, leader of the Integrated Telecommunications Working Group of the CSAE ⁸	Carlos Gómez (MINHAP)	Initiatives for the IPv6 transition in Public Administration	16. November 2012	Virtual meeting	Public Administration	8	Spain
20121118	Presentation to CP-CSAE	Carlos Gómez (MINHAP)	Update on the status of the IPv6 initiatives	18. November 2012	Madrid	Public Administration	40	Spain
20121122	Presentation to the CSAE	Carlos Gómez (MINHAP)	Initiatives for the IPv6 transition in Public Administration	22. November 2012	Madrid	Public Administration	40	Spain
20121127	Conference	Luka Mali	Living bits and things 2012:	27. November 2012	Bled, Slovenia	ICT industry,	150	EU

⁸ CSAE is the Sectorial Committee for e-government conformed by National and Regional Administrations

A2: LIST OF DISSEMINATION ACTIVITIES

	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
			<i>"Business potential of IoT platform for emergency service"</i>			research, EU		
20121129	Conference	Martin Krengel (Citkomm)	Deployment of IPv6 addresses for national states, German IPv6 Summit	29.-30.November 2012	Potsdam	Government, ICT industry, research, EU, academic	100	Germany, Worldwide
20121129	Article	Jiří Průša (CZ.NIC)	IPv6: Time is up!	29. November 2012	Public Administration Magazine	Government	4 000	Czech Republic
20121206	Conference	Martin Krengel (Citkomm)	GEN6 project overview, ZENIT	06.December 2012	Mühlheim a.d. Ruhr	ICT industry, research,	60	Germany
20130000	6inACTION website	Janez Sterle (ULFE)	www.6inACTION.net	2013	/	Research, ICT EU, academia	/	EU
20130000	Presentation	CTI	Workshop: Electronic Democracy in the 21st century with the help of mobile social networking services Improving Energy Efficiency in School Networks	2013	Athens	Students	100	Greece
20130123	Workshop	GEN6 Consortium	IPv6@GOV workshop	23.-24.January 2013	Brussel	Government, ICT industry, research, EU, academic	90	EU
20130319	Conference	Jan Zorz	v6 World Congress 2013: V6 IN MOBILE NETWORKS: USE CASES session	19. – 22. March 2013	Paris	ICT industry, research, EU	/	Worldwide
20130319	Presentation	INTELEN,	World IPv6 Congress	19. – 22.March 2013	Paris	ICT industry,	/	Worldwide

A2: LIST OF DISSEMINATION ACTIVITIES

	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
		GRNET, CTI				research, EU		
20130424	Presentation in the XI edition of the Security Forum of RedIRIS	Jorge Fabeiro (MINHAP)	Red SARA evolution plans	24. April 2013	Madrid	Industry, Scientific Community	20	Spain
20130500	Leaflet	Mojca Volk (ULFE)	6inACTION leaflet	May 2013	/	Research, industry, academia	ICT EU, /	EU
20130500	6inACTION poster	Mojca Volk (ULFE)	6inACTION poster	May 2013	/	Research, industry, academia	ICT EU, /	EU
20130506	Workshop	GEN6 Consortium	FIA Dublin Pre-workshop "IPv6 going live"	6. May 2013	Dublin	ICT industry, research, EU	30	Worldwide
20130508	Conference demo	Janez Sterle (ULFE)	FIA Dublin 2013	7. – 10. May 2013	Dublin	ICT industry, research, EU	500	Worldwide
20130510	Conference	Martin Krengel (Citkomm)	GEN6 overview, Heise IPv6 Kongress	10.-11.May 2013	Frankfurt	Government, ICT industry, research, EU, academic	150	Germany, Worldwide
20130617	Internal workshop	Janez Sterle (ULFE)	Cisco Global	17.June 2013	Ljubljana	PPDR, telco	5	Slovenia
20130619	Conference	CZ.NIC	Digital Agenda Assembly + Innovative Workshop	19.-20. June 2013	Dublin (IE)	Government; IT industry	500	EU
20130700	Leaflet	Martin Krengel (Citkomm)	German Pilot leaflet	July 2013	/	Government, ICT industry, research, EU, academic	/	EU
20130701	Internal workshop	Janez Sterle (ULFE)	Telekom Slovenije	1.July 2013	Ljubljana	PPDR, telco	11	Slovenia

A2: LIST OF DISSEMINATION ACTIVITIES

	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
20130702	Conference and demo	Janez Sterle (ULFE)	FUNEMS 2013	2. – 5. July 2013	Lisbon	ICT industry, research, EU	300	Worldwide
20130906	Internal workshop	Janez Sterle (ULFE)	Telekom Slovenije	6. September 2013	Ljubljana	PPDR, telco	5	Slovenia
20130922	Conference	Janez Sterle (ULFE)	Go6 summit: 6inACTION - IPv6 Pilot Deployment in Emergency Response Systems	22. October 2013	Ljubljana	ICT industry, PPDR, telco	130	Worldwide
20130925	Conference	Janez Sterle (ULFE)	20. seminar on radio communications: GEN6 presentation	25. – 27. September 2013	Ljubljana	ICT industry, PPDR, telco	110	Slovenia
20130925	Presentation to CP-CSAE	Carlos Gómez (MINHAP)	Update on the status of the IPv6 initiatives	25. September 2013	Madrid	Public Administration	40	Spain
20131000	Workshop - presentation	INTELEN, GRNET, CTI	2nd ETSI Workshop on Environmental Impact Assessment and Energy Efficiency	October 2013	Athens	ICT industry, research, EU	100	EU
20131014	Presentation	Zuzana Duračinská (CZ.NIC)	Monitoring IPv6 at the government level – IPv6 Observatory workshop	14. October 2013	Athens (GR)	IT industry, Government	50	EU
20131015	Presentation	Zuzana Duračinská (CZ.NIC)	Monitoring IPv6 at the government level – RIPE67 meeting	14. – 18. October 2013	Athens (GR)	IT industry, Government	500	EU
20131105	Conference and demo	Janez Sterle (ULFE)	ICT 2013	5.-8. November 2013	Vilnius	ICT industry, research, EU	5000	Worldwide
20131112	Conference	Janez Sterle (ULFE)	Cisco day: 6inACTION system presentation	12. November 2013	Ljubljana	ICT industry, PPDR, telco	50	Worldwide
20131113	Conference	Luka Mali	Living bits and things 2013: IoT/M2M-driven situation surveillance and intervention	13. November 2013	Bled, Slovenia	EU research	200	EU

A2: LIST OF DISSEMINATION ACTIVITIES

	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
			<i>management system for emergency situations</i>					
20131113	<i>Presentation to the Communications Group of the Spanish Government CIO office</i>	<i>Carlos Gómez (MINHAP)</i>	<i>Initiatives for the IPv6 transition in Public Administration</i>	<i>13. November 2013</i>	<i>Madrid</i>	<i>Public Administration</i>	<i>15</i>	<i>Spain</i>
20131212	<i>Presentation to CSAE</i>	<i>Carlos Gómez (MINHAP)</i>	<i>Update on the status of the IPv6 initiatives</i>	<i>12. December 2013</i>	<i>Madrid</i>	<i>Public Administration</i>	<i>40</i>	<i>Spain</i>
Plan for activities								
	<i>Web site</i>	<i>Maray Paul (Citkomm)</i>	<i>Relaunch project web site with new domain www.gen6-project.eu</i>	<i>January 2014</i>	<i>N/A</i>	<i>Internet</i>	<i>/</i>	<i>Worldwide</i>
	<i>Press release</i>	<i>CZ.NIC</i>	<i>Government have to adopt IPv6 and DNSSEC – new government resolution (working title in English)</i>	<i>January 2014</i>	<i>N/A</i>	<i>Policy Makers</i>	<i>N/A</i>	<i>Czech Republic, EU</i>
	<i>Article in the popular press</i>	<i>CZ.NIC</i>	<i>Government must adopt IPv6 and DNSSEC – new government resolution (working title in English) published in “Veřejná správa” (Public Administration Magazine)</i>	<i>January 2014</i>	<i>N/A</i>	<i>Policy Makers</i>	<i>10 000</i>	<i>Czech Republic</i>
	<i>Article</i>	<i>CZ.NIC</i>	<i>ISSS 2014 (Internet in Public Administration and self-government)</i>	<i>April 2014</i>	<i>Hradec Králové (CZ)</i>	<i>Policy makers, IT staff of public administration, IT Industry</i>	<i>Approx. 2 000</i>	<i>Czech Republic, partially Slovakia</i>
	<i>Press release</i>	<i>CZ.NIC</i>	<i>IPv6 Government Benchmarking</i>	<i>June 2014</i>	<i>N/A</i>	<i>Policy Makers, IT industry</i>	<i>N/A</i>	<i>Czech Republic, Germany, Greece,</i>

A2: LIST OF DISSEMINATION ACTIVITIES								
	Type of activities ³	Main leader	Title	Date/Period	Place	Type of audience ⁴	Size of audience	Countries addressed
								<i>Luxembourg, Netherlands, Slovakia, Slovenia, Spain, Turkey;</i>
	<i>Other (government website)</i>	<i>CZ.NIC</i>	<i>IPv6 Readiness Analysis in Public Administration</i>	<i>Quarterly</i>	<i>N/A</i>	<i>Policy Makers</i>	<i>N/A</i>	<i>Czech Republic</i>

3.8 Booklets

The most relevant results of the project will be published as a series of booklets, freely available in PDF.

The booklets will be developed using core results of the pilot activities and identified information leaks in public government regarding IPv6 transition. Due to this the only some booklets are precisely described or the content is finalized yet. The details of the remaining booklets or the edit of further booklets will be decided during the project progress.

3.8.1 Government Motivation

Lead by: CZ.NIC

State: Produced

The booklet focuses reasons for governments to start activities in IPv6 transition. So it supports decision makers to identify possible motivations being suitable for their governmental organization.

3.8.2 6inACTION: Smart communications solution in emergency situations

Lead by: ULFE

State: Produced

With 6inACTION an innovative solution for communication in emergency situations has been established, focussed on firefighters. This solution is widely transferable to other emergency intervention organizations. The booklet outlines the basic concept and the architecture components of 6in ACTION.

3.8.3 IPv6 Application in the Road Domain

Lead by: UMU

State: Produced

Cooperative services in vehicular scenarios are becoming essential for the future connected vehicle within the ITS (Intelligent Transportation Systems) field. Within this booklet it is explained how IPv6 provides a benefits for the technology deployment in ITS, focusing in the mobility management, security and the enhancement over IPv4 scenarios.

3.8.4 Addressing and Transition from IPv4 to IPv6

Lead by: FOKUS, MINHAP

State: In Preparation

The implementation of IPv6 needs an addressing concept as one of the first steps. For the transition of existing networks several approaches and architectures are possible. This booklet reduces the possible wide solution space to basic steps and on proven concepts. So it gives advice for a step by step approach.

3.8.5 IPv6 address concept for government on national level

Lead by: Citkomm, MINHAP

State: In Preparation

In IPv4 commonly each government had its own address concept. Connections to other networks, to the Internet also as to other government networks, are designed on network address translation. IPv6 is designed to re-vitalize the end-to-end idea of the Internet Protocol. This results in many problems if the different organizations of national governments design their own addressing independently, especially if secured networks are in use for interconnection. The booklets focuses the constrain reasons to establish a central IPv6 address concept for a national state to avoid later address incompatibilities.

3.8.6 Hard-/Software-profiles for IPv6

Lead by: FOKUS

State: In Preparation

As a first step to a later IPv6 roll out the components of Software, Hardware (L2/L3/Middleboxes) and end systems must support IPv6. But there is no standard that governments can ask in procurement process to order guaranteed IPv6 functionality and interoperability. And due to the not started implementation of IPv6 there is no own experience to outline requirements. To close this gap the IPv6 profiles have been generated. Their outline what standards (mostly RFCs) and what functions must be fulfilled by components. So the profiles can help to secure today's investment for later IPv6 transition.

3.8.7 Further Proposed booklets

Several further booklets have been proposed:

- How IPv6 distinctive features can bring value to your organisation (Presentation of Differences/Changes? between IPv4 and IPv6)
- Situation Assessment in your own "network backyard" (introduction to checklists that help to assess the current (network) situation, to document it, and to ask the right questions for decision making)
- Practical transition Examples from and for the public administration (Technical Recommendations and "success stories")
- IPv6 (requirements and possible solutions) for Emergency Services in the public sector
- Guidelines on how to measure the effects of IPv6 introduction and on evaluation of criteria

3.9 Clustering/Liaison Activities

As part of the linkage of the project with other activities and constituencies, several levels of liaisons are being considered by the project. Those include other projects, clusters, industry, standard organizations, IPv6 Task Forces, and other national/regional initiatives.

The contacts section of this document already provided an initial list of those already identified.

3.10 Policy Activities

Internet governance policies as well as national policies and legislation represent a very effective tool how to bring IPv6 deployment into daily life.

At the international level, there were contacts established and presentations given to ITU (International Telecommunication Union), ICANN/IANA or the RIRs (RIPE NCC, LACNIC, APNIC,

ARIN, AfriNIC), ICANN/IANA. Late 2013 began also the initial talks and an IPv6 non-paper was sent to the OECD.

At the national level, the importance of IPv6 support and deployment was presented to policy and decision makers (including parliament's members) in several member states (e.g. the Czech Republic, Germany, Slovakia, Spain or Turkey).

In the Czech Republic, thanks to the GEN6 project, monitoring of IPv6 support in public administration is carried out on a regular basis according to a government resolution and published on the website of the Ministry of Industry and Trade (MoIT). During 2012 and 2013, CZ.NIC and MoIT analysed the IPv6 deployment in public administration in order to adopt further policy measures.

Based on this collaboration, IPv6 deployment has become one of the crucial parts of the "Digitální Česko 2.0" (Digital Czech Strategy) adopted by the government on 20 March 2013. In order to implement the goals set up in the Digital Czech Strategy, on 18 December 2013, the Czech Government adopted a new version of government resolution focused on IPv6 (and DNSSEC). Compared to the previous one (government resolution Nr. 727 from 8 June 2012), the list of organisations affected by the resolution is extended to all EU-funds receivers. That means not only government organisations but also some private companies and NGOs have an obligation to make their website accessible via IPv6. Last but not least, very important measure at policy level was adopted by the Czech Telecommunication Office (CTU). On 20 December 2013, CTU adopted "Obecné zásady řízení datového provozu" (Guidelines for data traffic management). According to these guidelines, "the access to the Internet" means a service enabling to connect all end user points connected via IPv4 or IPv6. This definition is related to the net neutrality and CTU clearly states that net neutrality means also a freedom to choose an Internet protocol – IPv4 or IPv6 and same rights are granted for IPv4 and IPv6 users as well. The GEN6 government benchmarking plays an important role in this process and the GEN6 project is referred to in some materials adopted by the Czech government.

In order to fulfil the GEN6 project goals as well as the goals set up in the Digital Agenda for Europe Strategy, especially in measure Nr. 89, close collaboration with governments will be continued at national and international level as well. In regard to this measure and other goals set up by the Digital Agenda for Europe Strategy, the GEN6 project takes into account also development aspects in non-EU countries, especially in Africa. The benchmarking tool represents a very good and effective way how to promote the GEN6 project to governments (policy and decision makers) and significantly contributes to transform dissemination into deployment. The GEN6 booklets, especially the "Practical Transition Examples from and for the Public Administration (Technical Recommendations and "Success Stories")" and the "Government Motivations" support this effort.

Regarding the IPv6 address planning for governments it has been identified, that a consolidated national IPv6 address concept is a strong recommendation. The address policies of the RIPE are focused on public providers only until now. So the special requirements of public governments as LIR (eg. security reasons to hide used addresses, slow roll out of addresses, primarily use of addresses in internal network segments and within low visibility) are not recognized in the RIPE policies yet. So the requirements of the governments have to be discussed with the RIPE NCC and the RIPE community.

3.11 Workshops and Demonstrations

The project co-organized already together with the IPv6 Observatory, the Workshop “IPv6@Gov”, hosted by the European Commission on 23rd and 24th January 2013. Presentations available at the web site: <http://www.ipv6observatory.eu/the-study/workshop-ipv6-gov/>.

Also the project organized a workshop on the pre-FIRE event at Dublin, May 2013, with a demonstration of the Slovenian pilot and half a day workshop, with several technical presentations of national pilots.

- **Workshop IPv6@Gov**

The IPv6 Observatory, the GEN6 project and the European Commission are jointly organizing an **IPv6@Gov Workshop dedicated to the policy dialogue on the IPv6 deployment in European Union Member States.**

IPv6 is a cornerstone of the Future Internet. To ensure both business continuity of the European industry and society to get benefits from IPv6 added technologies, the European Commission (EC) requested that by 2010, 25% of the users should be able to connect to IPv6. This ambitious target has not been achieved and while IPv4 pool of addresses dried out in February 2011, the estimated and effective level of IPv6 deployment is still below 5%. Pointing out the emergency of the issue, the European Commission is continuing its support to IPv6 deployment through its digital agenda and calling the member states to foster IPv6 adoption.

Taking into account economic and social challenges linked to the Future Internet services sustainability, the Commission wishes to upgrade the level of the policy dialogue on IPv6 integration by inviting policy and business communities to provide **an overview of the best the national strategies in order to develop a set of concrete policy measures on the question.**

The objective of the workshop is to bring together policy makers and stakeholders operating in the IPv6 domain in order to elaborate the argumentation to foster IPv6 deployment at the EU level. Two specific objectives of the workshop will focus on:

- **National strategies of the IPv6 deployment**
- **Policy measures to speed up the deployment of IPv6 in the European Union** and to foster the position of the European IPv6 industry
-

Cooperation with IPv6 Observatory continued further by exchanging information and best-practice, especially in the benchmarking practices and in presenting the GEN6 benchmarking at the **final IPv6 Observatory workshop** held in October 2013 in Athens, Greece.

Day 1 (23 January 2013)**IPv6 Deployment: state-of-the-art – IPv6 Observatory & GEN6 project****Welcome**

13:00 – 13:20 **Welcome – Per Blixt, European Commission**

13:20 – 13:40 **Introduction to IPv6 Observatory and GEN6 project**
Latif Ladid, IPv6 Forum, President; Senior Researcher @ SnT, University of Luxembourg

13:40 – 14:10 **IPv6 observatory: key findings and outcomes from year 1**
Fabrice Clari, inno

14:10 – 14:40 **GEN6: Governments ENabled with IPv6**
Holzmann-Kaiser Uwe, GEN6 technical coordinator

14:40 – 15:00 Coffee break

15:00 – 15:30 **France Telecom Orange: an IPv6 experience**
Christian Jacquenet, Director IPv6 Strategy, Orange

15:30 – 16:00 **IPv6 Deployment in Germany & Croatia**
Axel Clauberg, Vice President, IP Architecture & Design, Deutsche Telekom Headquarters

16:00 – 16:30 **ISP survey – Results from the 2012 edition**
Maarten Botterman, GNKS

16:30 – 16:50 **EU Cross-border e-ID & Safety Services**
Antonio Skarmeta, University of Murcia

16:50 – 17:50 **Round table**
How to monitor IPv6 deployment?
Eric Vyncke, Chair, IPv6 Forum Belgium & IPv6 Security Expert

Day 1 (23 January 2013)

IPv6 Deployment: state-of-the-art – IPv6 Observatory & GEN6 project

Arjen Holtzer, Scientist, TNO, Netherlands

17:50 – **Summary and conclusions of day 1**
 18:00 **End of day 1**

Day 2 (24 January 2013)

IPv6 deployment : towards common strategy – Policy dialogue round table

9:30 – **Start of session 1 – Welcome**
 9:40 Mario Campolargo, Head of Unit “GÉANT & e-Infrastructure”, European Commission

The Transport Layer – planning for IPv6 on a national backbone.
 9:40 – Heinz-Werner Schülting, Coordinator GEN6
 10:00

The Spanish IPv6 plan and roadshow
 10:00 – Jordi Palet, GEN6
 10:20

IPv6 policy and benchmarking in the Czech Republic
 10:20 – Jiří Průša, CZ.NIC Association
 10:40

10:40 –
 11:00 Coffee break

IPv6 for de.government
 11:00 – Constanze Bürger, Ministry of the Interior, Germany
 11:20

11:20 – **IPv6 in the Greek School Network and Energy-related Pilot Applications**
 12:00 Prof. Manos Varvarigos, CTI

12:00- Open discussion
 12:30 **Best practices for defining an IPv6 deployment national plan**
 12:30 –
 13:30 Lunch

13:30 – **Start of session 2 – IPv6 deployment at regional level**

Day 2 (24 January 2013)

IPv6 deployment : towards common strategy – Policy dialogue round table

14:30 Franck Le Gall (inno, moderator)

Motivation: Role of IPv6 in the Smart Specialisation Strategies (S3) for regional growth

Awareness of the Walloon public sector to IPv6

Carmelo Zaccone, Ir. Expert en Télécommunications et Technologies de l'Information at Agence Wallonne des Télécommunications

Approach of a regional data center for local governments

Martin Krengel, Citkomm, Germany

15:30 – **Conclusions & end of IPv6@gov workshop**
16:00

- **FIA Event Dublin**

The GEN6 Workshop on IPv6 Implementation in Governments (Tuesday, 7th of May 2013 in the afternoon)

Title: IPv6 transition in practice – workbench report

Speaker / Organisation: Gerold Gruber / Martin Krengel (Citkomm)

Abstract: Citkomm is a data centre operator. As part of the GEN6 project the different areas of the infrastructure will be enabled for IPv6. This touches local networks; application server networks and data centre backbone as well as the Internet connection, WAN networks or secured networks to other organisations. The contributors will show best practice and bad practices as experiences of the transition activities performed until now in the project. As a report directly from the workbench practical examples will be demonstrated accompanying the presentation.

Title: IPv6 Readiness & Public Administration in Europe

Speaker / Organisation: Jiří Průša / CZ.NIC Association

Abstract: CZ.NIC is a national domain registry for .cz with a various activities including IPv6 research and deployment. Within the GEN6 project, CZ.NIC leads an activity focused on international benchmarking of IPv6 readiness by public administration. The presentation involves the results of IPv6 benchmarking in Europe and preliminary outcomes. This benchmarking study has analysed IPv6 support by more than 2 300 domains in nine countries. The presentation also introduces the IPv6 strategy and policy documents in the Czech Republic including IPv6 state of play in the public administration.

Title: Improving Energy Efficiency in School Networks with IPv6

Speaker / Organisation: Anastasios Zafeiropoulos (Greek Research & Technology Network - GRNET)

Abstract: The talk is related to the Greek IPv6 pilot implementation -in the framework of the GEN6 project- that aims to demonstrate that IPv6 could become the leveraging technology for enhancing existing services or providing new services to the end users. It investigates the benefits of establishing an advanced metering infrastructure over IPv6, and provides insights about the benefits of building IPv6 services. Through the installation of IPv6 enabled smart meters in 50 public schools in Greece, the target is to influence the behavior of the local school communities by raising their energy awareness while in parallel increasing the awareness of the students for the advantages of applying new networking technologies. Based on the pilot results, a signal has to be provided to European stakeholders that IPv6 technology can be a “green” enabler. The architecture of the overall deployment, the challenges faced for deploying an end-to-end IPv6 infrastructure, the methodology followed for extracting energy-aware profiles for each school and the energy saving achieved will be presented, while real time connectivity to the IPv6 enabled smart meters will be demonstrated.

Title: Challenges in using IPv6 in Cross-border scenarios in GEN6

Speaker / Organisation: Antonio Skarmeta (University of Murcia/Spain)

Abstract: This presentation will describe the different challenges and possible IPv6 drivers detected by the GEN6 project in the definition of cross-border scenarios and services. A description of the usage of IPv6 in sensors integration and mobility services defined within the GEN6 first analysis will be described and how this will be interact with the safety use case. Also some initial IPv6 interconnection of the national IPv6 network will be presented.

Title: 6inACTION – pilot presentation

Speaker / Organisation: Janez Sterle, Mojca Volk (ULFE)

Abstract: 6inACTION is a Slovenian IPv6 pilot for Advanced Emergency Response Communication System (A-ERCS). A-ERCS represents a vision of a convergent, reliable and smart communication system designed specifically for professional use in emergency situations. Being part of the GEN6 project, it represents a unique effort of IPv6 deployment and uptake in governmental environment for a highly specialized target user group, i.e., a fire fighter unit utilizing communications on field during an intervention. The talk will show a novel approach of using advanced network functionalities (i.e., NEMO, IPSec, DSMIPv6, user and sensor tracking functionalities, SSM multicast) in professional communications, enabling commercial and professional infrastructure convergence, network, host and sensor mobility, and system intelligence for automatic network planning and deployment capabilities. It will demonstrate also integration of network and sensor capabilities for “IoT-empowered emergency situations”. 6inACTION system functionalities and IoT services will be presented using a live demo environment.

Title: IPv6 in Cross-border Emergencies

Speaker / Organisation: Ralf Hoben (University of Luxembourg, SnT)

Abstract: In the course of previous FP7 projects (U2010, Secricom) a framework for the integration of heterogeneous Professional Mobile Radio (PMR) solutions was developed, which enabled the interconnection of public protection and disaster relief organisations’ communication through the use of gateways.

As a further step, the use of IPv6 in public safety networks and services could substantially improve interoperability and support the use of end-to-end security mechanisms, which is especially crucial for cross-border public safety missions. Public safety is not just a national matter but a Europe-wide and a world-wide one, and operation management requires involvement and coordination of (different) public safety organizations from different countries. In the GEN6 project we will show that the main requirements (as represented by the CAIN acronym: confidentiality, availability and authentication, integrity and non-repudiation) of the professional communication sector, so far governed by proprietary solutions as e.g. TETRA, can be fulfilled by an IPv6 enabled client, which is used to link existing emergency communication systems to enable cross border use.

In this talk we will describe how IPv6 technologies can be used to bridge existing communication technology disparities, while at same time preserving the requirements mentioned before.

4. SUMMARY OF DISSEMINATION ACTIVITIES DURING YEAR 1

Following sections depict the dissemination activities from the different project partners during the initial phase of the project.

4.1 Tubitak Ulakbim

- ULAKBİM presented GEN6 project at the 2. National IPv6 Conference, which was held in February 15, 2012 at Ankara Turkey. Presentation informed the community about the outline of the project and the Turkish pilot. Over 600 people, including Minister of Transport, Maritime Affairs and Communications, attended to the conference. Attendees were mainly from governmental institutions. Conference web page is available on www.ipv6turkey.org.
- 6th ULAKNET Workshop, which is held every year traditionally, has been carried out between 15-18 April in Çeşme/İzmir/Turkey with over 300 hundred participants. In this workshop, ULAKBİM has presented GEN6 project to the participants who are coming from the IT departments of the connected nodes to ULAKNET. ULAKNET nodes are Universities, National science and technology organizations, National information and documentation centres. Presentation described the main goals of GEN6 project, workpackage details and the role of Turkey in the project.
- GEN6 local page has been published on ULAKBİM web site (<http://www.ulakbim.gov.tr/ulaknet/abprojeleri/gen6.uhtml>).
- A wiki page describing the GEN6 project has been prepared and published on Turkish version of the Wikipedia (<http://tr.wikipedia.org/wiki/Gen6>).
- ULAKBİM (Emre Yüce) has made a presentation in "Campus network monitoring workshop" which was held in Brno/Czech Republic at 24-25 April and informed the participants about the GEN6 project briefly. Participants were mainly campus system administrators.
- ULAKBİM (Onur Bektaş) is taking part the World IPv6 Congress, which will be held in Brussels at the end of June. Onur is a speaker in the Panel Discussion and is expected to share his experiences on guidelines for planning and transition steps as the WP3 leader.
- A presentation about ULAKBİM services and projects has been made to Computer Student Group in Bilkent University by ULAKBİM team. GEN6 project has been presented as one of the projects that ULAKBİM has been involved.

4.2 UMU

- UMU presented GEN6 project on the IoT Week IoT Week 2012 and IoT International Forum at the Scuola Grande San Giovanni, Venice, Italy, Wednesday 20.6.2012 on the IPv6 and IoT Session (<http://www.iot-week.eu/iot-week-2012/programme-1/wednesday-1/ipv6-and-iot>).
- IPv6 perspectives for the IoT Workshop, Presentation Governments Enabled with IPv6, Antonio Skarmeta (GEN6).

4.3 UL

- UL has organised the Brussels IPv6 Congress and set GEN6 as a track in the agenda with a half a dozen speakers from the GEN6 project.
- UL was one of the editors of the USG v6 Roadmap and circulated it to the GEN6 for their reference.
- UL has contributed to the "Internet protocol privacy" document.
- UL was invited by the German Government (Bundestag) to contribute to the discussion on regulation on privacy for IPv6.
- UL Invited by the Global Forum back in August to speak on GEN6, which took place last week (http://www.items.fr/IMG/pdf/121109_GF_2012-Evolving_Speaker_Program.pdf), Stockholm, 12. and 13. Nov. 2012.
- UL has co-organised the incoming workshop on IPv6 (<http://www.ipv6observatory.eu/the-study/workshop-ipv6-gov/>), and is also participating in the joint dissemination activities within the IPv6 Observatory project.

4.4 MINHAP

- MINHAP introduced the GEN6 project to the CP-CSAE on February, 29th, 2012 during the presentation of the status of the different initiatives launched by the Spanish Government to promote IPv6. CP-CSAE is the committee that brings together the heads of the ICT departments of the Ministries in the Spanish National Administration. After an introduction of the goals and participants in the project, the presentation focused on the specific details of the Spanish pilots and their significance to demonstrate the maturity of IPv6. The attendees were also invited to contact the project team in the case their departments wanted to take advantage of the project to push up their transition to IPv6.

- MINHAP published in February 2012 an article in the Spanish e-Government Portal introducing the project, also in the context of the actions taken by the Spanish Government to promote IPv6 (http://administracionelectronica.gob.es/pae_Home/dms/pae_Home/documentos/OBSAE/pae_Notas_Tecnicas/2012-02_nota_tecnica_IPv6_04_EN/IPv6_0.4_EN.pdf).
- MINHAP introduced the GEN6 project to the attendants to the IPv6 and Mobility event held on April 17th 2012 and organised by DINTEL. The project was introduced in the context of the presentation of the different initiatives launched by the Spanish Government to promote IPv6. DINTEL is a foundation devoted to the dissemination of the ICT and the facilitation of the relationships between managers of public and private sectors, always in the context of e-Government strategy and programs.
- MINHAP published in June 2012 a technical note about the project in the Spanish e-Government Portal, as one of the periodic reports of the e-Government Observatory. The note is available in the following link (http://administracionelectronica.gob.es/pae_Home/dms/pae_Home/documentos/OBSAE/pae_Notas_Tecnicas/2012-06_nota_tecnica_GEN6_OBSAE_02_EN/GEN6_OBSAE_0.2_EN.pdf).
- MINHAP introduced the GEN6 project to the participants of the CP-CSAE IPv6 Addressing Plan Workgroup, during the meeting held on June, 4th 2012. The main objective of this group is to prepare the upgrading of the current Public Administration Interconnection and Addressing Plan, which defines a common addressing space for Public Administration entities that are connected through Red SARA, so that it can managed IPv6 addresses in addition to the IPv4 addresses that are now the only ones considered.
- MINHAP presented the project, in the context of the different initiatives launched by the Spanish Government to promote IPv6, to the Region of Murcia, leader of the Integrated Telecommunications Working Group of the CSAE on November, 16th, 2012.
- MINHAP introduced the GEN6 project to the CSAE (e-Government Sectorial Committee) on November 22nd, 2012 during the presentation of the status of the different initiatives launched by the Spanish Government to promote IPv6. The e-Government Sectorial Committee brings together the heads of the e-Government units of the Spanish National Administration and the Regional Administrations. The presentation focused mainly on the progress made about the updating of the Public Administrations Addressing Plan, and the principles that will guide the incorporation of IPv6 to Red SARA.
- MINHAP informed about the status of the GEN6 project to the CP-CSAE on November,

28th 2012.

- MINHAP presented the evolution plans for Red SARA, with special mention to the works performed in IPv6 in the GEN6 project, during the XI edition of the Security Forum of RedIRIS - April, 24th, 2013.
- MINHAP informed about the status of the GEN6 project to the CP-CSAE on September, 25th 2013.
- MINHAP presented the project, in the context of the different initiatives launched by the Spanish Government to promote IPv6, to the Communications Group of the Spanish Government CIO office on November, 13rd 2013.
- MINHAP informed about the status of the project to the CSAE on December, 12nd, 2013.
- MINHAP and MINETUR presented the GEN6 project to the 2013 ASTIC Awards in the category of ICT projects with international impact.

4.5 ULFE

- 2nd World IPv6 Congress in Paris - http://www.uppersideconferences.com/v6world2012/v6world2012program_day_two.html.
- PLnog, Warszawa - <http://plnog.pl/spotkanie-8-marzec/agenda>.
- Regular dissemination of public status of the project over <http://go6.si/>.
- Co-hosting and co-organization of the RIPE64 meeting in Ljubljana, where several introductions, presentations, discussions and connections related to GEN6 were carried out, April 16 – 20 2012, Ljubljana.
- 3rd Norwegian IPv6 summit in Oslo: Presentation of the GEN6 project along with latest updates on the technological advancements, April 23 – 24, 2012.
- IPv6 congress, Brussels, 25.6.2012 -28.6.2012 <http://www.ipv6event.com/>; a presentation of the A-ERCS pilot in GEN6.
- RIPE 65 Amsterdam, The Netherlands, 23.9 - 28.9.2012, <http://www.ripe.net/ripe/meetings/calendar/ripe-65>; work on documents RIPE 501 and RIPE 554.
- EuroNOG, Budapest, 10. – 11-9. 2012, GEN6 represented as part of a keynote.
- RIPE65 meeting in Amsterdam, 24. – 28.9. 2012, topics directly related to GEN6 work.

- GEANT meeting, Helsinki, 3. – 5.10. 2012, GEN6 represented as part of a keynote.
- Living bits and things 2012, Bled, 27.11.2012, presentation and talk titled “Business potential of IoT platform for emergency service”.

4.6 TNO

- TNO presented the GEN6 project to the Dutch IPv6 Task Force on 28 February 2012. The presentation contained the overall goals of the project and the 4 different pilots (online services, public safety, cloud services, cross-border) with a special focus on the Alkmaar pilot and WP5. The attendants were invited to get in touch with the project members during the course of the project if they are interested in one or more aspects of the project. The presentation has been posted in the minutes to the NL IPv6 Task Force mailing list as well, reaching people from over 60 organizations.
- Presentation together with Alkmaar during World IPv6 Launch event in Amsterdam 6th of June (www.ipv6launch.nl).
- Participation in the GEN6 session @ IPv6 World Congress end of June 2012.
- Added the link to GEN6.eu to IPv6 topic-page on TNO.nl <http://www.tno.nl/ipv6>.

4.7 Citkomm

- Citkomm held a presentation at the network working group forum of German Cities Council on the status of IPv6 in German government. During the presentation GEN6 was presented as the first known project that will result in experiences of transition from existing eGovernment infrastructure and therefore become essential as base for further transition projects.
- Presentation of the GEN6 project on “heise IPv6 Kongress”, leading conference for IPv6, Frankfurt (May).
- Presentation of the GEN6 project at the VITAKO working group “network and system”, Recklinghausen (June).
- Participation in the GEN6 session @ IPv6 World Congress, Brussels (June).
- Introducing GEN6 as part of an overview of IPv6 activities on conference “Neue Verwaltung” (new administration) in Leipzig (May).
- Software Vendor-Workshop for Presentation of German GEN6 Pilot, including an invitation for further integration in the pilot and offers for support in IPv6 enabling for

administration business software.

- Project presentation GEN6 in annual Citkomm business report.
- Presentation of GEN6 on a Workshop of ZENIT on 06.12.2012.
- Organizing a Workshop for useful IPv6 address design with large cities in North Rhine Westphalia on 12.11.2012, also presenting expected results from GEN6.
- Presentation on German IPv6 Summit on 29./30.11.2012 on experiences in IPv6 address design for government.

4.8 Fraunhofer

- Together with Citkomm a workshop was organized on May the 21st in Leipzig before the dbb congress to raise the awareness of companies in the area of government end applications, that data centre provider will adopt their networks to IPv6 and that native sup-port of the protocol is one of the tasks they have to face from now on.
- Uwe Kaiser and Jens Tiemann had talks and presentations during the IPv6 Launch Day in conferences (<http://www.bel2.net/besucherinfo/was/programm-26042012/index.html>) and TV (<http://www.dapdvideo.de/panorama-videos/tipps-zum-neuen-internetstandard-ipv6>).
- Participation in the GEN6 session @ IPv6 World Congress, Brussels (June).
- The German IPv6 Summit took place in Potsdam at May 7-8, 2008. Hosted by the Hasso-Plattner-Institute, the German IPv6 Summit provided two days of International, European, and German experts to address IPv6 technology at work. Fraunhofer FOKUS was invited to present the GEN6 project and the European strategy for implementing IPv6 within administrations and governments.

4.9 MINETUR

- Publishing information in our ipv6 dissemination portal: www.ipv6.es Applying for the SITIASLAN 2012 awards sending a descriptive document regarding their IPv6 pilot project and their contribution to GEN6 project.
- Onsite Presentation of our candidature at the SITIASLAN 2012 Fair.
- Dissemination of the GEN6 Project at IPLaunch Day Event.
- Dissemination, using Twitter, of key news about the progress of the project and its supporting technology.

- Presentation of the candidature to the Internet2012 awards (<http://www.premiosdeinternet.org/>) regarding our IPv6 dissemination portal (www.ipv6.es) and the adaptation of the network infrastructures to IPv6.
- Presentation of the candidature to the Future Internet Awards <http://www.cefims.eu/fiaward/> in relation to our ipv6 pilot project.
- Presentation of our national pilot to the attendants to the "MOBILITY 2012. IPv6 and Unified Communications" event held on April, 17th and organised by DINTEL.
- Presentation of the national pilot transition to IPv6 from the Ministry of Industry, Energy and Tourism on the Internet Day events that took place in the Ministry on 17 May.
- Publication of press releases and documents on IPv6 and related activities in our thematic portal: www.ipv6.es.
- Presentation of our project, Implementation of IPv6 in the Ministry of Industry, Energy and Tourism, at asLAN (fair and congress in converged networks and technology) where we were awarded first prize in the category of Central Government.

4.10 Turksat

- Local and national media agencies (totally 252 people have been contacted) have been informed about the project and the on-going work on IPv6 deployment. These are published in various printed and visual media especially in Ankara and İstanbul.
- Several presentations have been made to Parliament State Controlled Entities Commission and to undersecretaries and ministers in related meetings.
- Announcements about the on-going work in project have been submitted to E-government gateway (e-devlet) Facebook and Twitter pages.
- Presentation at the meeting of under secretaries
- A detailed presentation has been made at the meeting of undersecretaries that are involved in the Turkish e-Government projects. 65 high-rank officers from 17 ministries have attended the meeting.
- Presentation at the Committee on Plan and Budget
- A detailed presentation has been made at the annual budget meetings. The MP's were informed about the GEN6 project and ipv6 in general.

4.11 GRNET, CTI and Intelen

- Meeting with SYZEYXIS, the authority responsible for the establishment of the new public sector backbone network (interconnecting 34.000 sites), basic network services (DNS, electronic mail, security, web hosting, etc.) and advance services (e.g. teleconference / collaboration tools, etc.). Presentation about the IPv6 activities in GEN6 (aka plans of other governmental public networks).
- Meeting with Open Government Initiative (National Centre for Public Administration and Local Government - EKDDA) regarding the GEN6 project.
- Initial preparations for GEN6 event in Cyprus in second half 2013.
- Preparation of a web site in Greek/English related to the project (www.grnet.gr).
- The (IPv6-enabled) web based platform for energy awareness / efficiency is under development, targeting to become an educational and social tool for students participating in the national pilot.
- Initial preparations for a dissemination event in Cyprus in 2S2012.
- Preparation for the World IPv6 Congress (Presentation, demo).
- Submission of a full paper in 16th PCI (Panhellenic Conference on Informatics) presenting the objectives and initial plans.
- Plans to present the pilot to the Hellenic IPv6 Task Force (21/6) - Proposal for extensions with other xDSL users.
- Paper submission and presentation about Greek Pilot with exact title "Eco - labelling Greek schools for energy efficiency over IPv6" at conference "16th Panhellenic Conference on Informatics with international participation" (<http://pci2012.unipi.gr/>) organized by Greek Computer Society, the Department of Informatics and the Department of Digital Systems, of the University of Piraeus on 5 - 7 October 2012. More than 100 participants from various stakeholders, especially universities and government organizations took part in this event.
- Best practices document entitled "Improving Energy Efficiency in Greek Schools with IPv6-enabled Smart Meters", published from the Green Geant Team, within the framework of the GN3 project.

4.12 Gemeente Alkmaar

- On 1 March 2012, the website www.alkmaar.nl became the first Dutch government website rating five IPv6 stars according to the website ip6.nl. The five stars indicate the presence of name-servers with AAAA records, IPv6-only reachable DNS, IPv6 capable mail exchangers, AAAA record for the hostname and an AAAA record for the “www” subdomain.
- Michiel Ettema presented, on behalf of Alkmaar, their activities on IPv6 during an IPv6 seminar for Dutch governments on 10 May 2012. <http://new.ipv6-taskforce.nl/ipv6-seminar-voor-overheden/>.

4.13 MVČR, MoIT and CZ.NIC

- National leaflet focused on the need and ways, how to switch to IPv6 in public administration. It was printed 1000 copies of this leaflet.
- National GEN6 Web-site (www.nic.cz/gen6).
- Presentation about GEN6 project as well as national activities in this project was given at ISSS Conference (Internet in the public administration and self-administration) on 3rd April 2012 in Hradec Kralove. ISSS Conference is the largest event in the area of eGovernment visited around by 2 000 participants mostly from public administration.
- Press release was published by CZ.NIC at its website and sent to journalists on 26th April 2012. A lot of Internet magazines took over this press release.
- Article on ePractice website (<http://www.epractice.eu/en/news/5360371>).
- CZ.NIC and the Ministry of Industry and Trade presented GEN6 project in the IPv6 Group under ITU (International Telecommunication Union) on 12 June 2012. The presentation ([ipv6-pp2010.pdf.zip](#)) and the contribution ([itu-gen6.pdf.zip](#)) are available to the project. Please, find the results of the study focused on preparedness of public administration within the contribution and please feel free to involve any part of this document into guidelines and contributions under GEN6 project.
- CZ.NIC arranges two IPv6 transition training courses (were held in May and June). The Ministry of Industry and Trade made a lot of effort in dissemination of this course between public administrations.
- Monitoring readiness of public administration and IPv6 transition support – deep study focused on implementation IPv6 in public administration was done by CZ.NIC. 245 public bodies in total were involved in this study. You can find results of this study in our press

release <http://www.nic.cz/page/1062/czech-cities-and-municipalities-lagging-behind-in-implementation-of-ipv6-protocol/>. By this occasion – 12 municipalities (Aš, Frenštát pod Radhoštěm, Hodonín, Jihlava, Kladno, Milevsko, Neratovice, Přelouč, Valašské Klobouky, Votice, Vsetín, and Vyškov) in the Czech Republic has decided to join to World IPv6 Launch and implement IPv6 on web services and DNS servers as well. Within the GEN6 project, CZ.NIC provided them a technical assistance. Last, but not least, I would like to highlight the effort done by the Ministry of Industry of Trade (MIT) in IPv6 support. Based on the result of our study, the MIT urged government bodies by letter on high political level. Thanks to this letter, three government organizations have decided to implement IPv6.

- In order to support end users and ensure awareness rising by general public, CZ.NIC association launched “Routers Catalogue” (<http://katr.labs.nic.cz/>). This catalogue is based on practical tests in our labs. Very good news is, this catalogue is available in English too and it will be our pleasure to share information about IPv6 support by routers and collaborate with other partners on this catalogue.
- National IPv6 Conference www.nic.cz/ipv6day) 6th June 2012, Prague – this conference organized by CZ.NIC was attended by more than 200 participants from business (ISP), academia and public administration. GEN6 project was introduced within the presentation “IPv6 in public administration” given by Mr. Jaromir Novak from the Ministry of Industry and Trade (MoIT).
- – Presentation of GEN6 project in “Czech-Taiwan Telecommunication Policy Workshop” in Taipei (Taiwan) was carried-out by CZ.NIC representatives in July 2012. More than 100 participants from various government institutions, including decision makers took a part in this event.
- – Information on GEN6 project has been made available on MVCR web site: <http://www.mvcr.cz/clanek/gen6.aspx>.
- In order to support end users and ensure awareness rising by general public, CZ.NIC association launched “Routers Catalogue” (<http://katr.labs.nic.cz/>). This catalogue is based on practical tests in our labs. Very good news is, this catalogue is available in English too and it will be our pleasure to share information about IPv6 support by routers and collaborate with other partners on this catalogue.
- MoIT and CZ.NIC launched the campaign and awareness activities “IPv6: Time is up!” focused on further improving of IPv6 readiness in the Czech Republic.
- Presentation (including GEN6 project) for members of Parliament (Subcommittee for ICT and electronic communication) was carried on 25. October 2012. Based on the

presentation and discussion with Parliament members, the Economic Committee of the Czech Parliament adopted on 14. November 2012 a resolution that highlighted the importance of IPv6 for public administration including the necessity to involve IPv6 requirements in public tenders.

- A detailed article with analysis (2 pages) was published on 29. November 2012 in “Veřejná správa” (Public Administration in English) magazine.
- Presentation of GEN6 project within the session “Government: A Pivotal Player in IPv6 Adoption” was made by a representative of CZ.NIC at “ION Conference” organized by Information Society in Sao Paulo (Brazil). More than 150 participants from various stakeholders, especially ISP and government took part in this event.
- State of the art IPv6 readiness status in public administration was published by MoIT on their webpages (in English: <http://www.mpo.cz/dokument112838.html>). MoIT publish this analysis at the regular basis.

5. THE ROAD SHOW

GEN6 is planning a road show to disseminate the activities and results. This road show will be organized in the last year, once sensible results are available. The road show contains different kind of dissemination activities. So all partners are engaged in placing presentations, workshops and / or demonstrations on existing events that are focussed to the stakeholders of IPv6 transition in European government. As on those events it is possible to address also stakeholders that have no active interest in IPv6 transition yet those dissemination activities will be spend a strong focus for the dissemination.

For a more specific dissemination to in IPv6 interested governments the GEN6 partners will organize information days on national level to present the approach and the experience of the GEN6 pilots. To get these events well accepted by the national government it is planned to cooperate with national IPv6 initiatives. The presentations will be held primarily by native speaking partners, because experience shows that the inhibition threshold for no native conferences especially on operational level is considerably in public government.

As a summary presentation of the GEN6 project a central conference will be organized in cooperation with the European Commission, to give a public view on all project activities and results.

TEMPLATE A3: LIST OF ROAD-SHOW ACTIVITIES 2014

NO.	Country	Type of activities ⁹	Title	Date/Period	Place	Type of audience ¹⁰	Main Leaders	Are other Countries addressed? Which ones	Event on national level only Y/N	Presentations from off border partners to be included (Y/N, possibl. remarks which partners are asked)	Whole GEN6 presentation (Y/N)
Plan for Activities											
	Czech Republic	Training	IPv6 Implementation	Various, about 5x in each location	Prague, Brno	IT industry (ISP), partial academia	CZ.NIC	N	Y	N	N
	Greece	Pre-FIA Workshop at FIA Athens	IPv6 transition in practice – Government experience	18. March 2014	Athens	ICT industry, research, EU	GEN6 Consortium	Yes, worldwide	N	Y	Y
	Greece	Demo at FIA Athens	6inACTION	18.-20. March 2014	Athens	ICT industry, research, EU	GEN6-Consortium	Yes - EU	N	Y	Y
	Slovenia	Conference presentation	6inACTION	March 2014	Slovenia	ICT industry, research, EU	Janez Sterle	Yes - EU	N		
	Germany	conference session and exhibition on national government ICT planning committee expert conference	Experiences GEN6	07.-08. April 2014	Stuttgart	Government, ICT an organization	Martin Krengel (Citkomm)	N	Y	Y, (ULFE)	Y
	Germany	presentation @ AKN Forum	Experiences GEN6	9.-10. April 2014	Rothenburg	government	Martin Krengel (Citkomm)	no	Y	N	Y

⁹ Kind of activity like presentation, training, panel, demo

¹⁰ Kind of stakeholders the activity will be focused on

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	<i>Belgium</i>	<i>Presentation on ONE Conference</i>	<i>IPv6 policies and deployment (tentative)</i>	<i>April 2014</i>	<i>Brussels</i>	<i>Government, ICT industry, research , academic</i>	<i>CZ.NIC</i>	<i>Yes - EU</i>	<i>N</i>	<i>N</i>	<i>N</i>
	<i>Czech Republic</i>	<i>Presentation on ISSS 2014</i>	<i>IPv6: Time is up! (tentative)</i>	<i>April 2014</i>	<i>Hradec Králové</i>	<i>Policy makers, IT industry</i>	<i>CZ.NIC</i>	<i>Yes-Slovakia</i>	<i>N</i>	<i>N</i>	<i>Y, partially</i>
	<i>Germany</i>	<i>conference session</i>	<i>Experiences GEN6 @ "Neue Verwaltung" (new government)</i>	<i>06.-07. May 2014</i>	<i>Leipzig</i>	<i>Government, ICT an organization</i>	<i>Martin Krengel (Citkomm)</i>	<i>N</i>	<i>Y</i>	<i>Y, (ULFE)</i>	<i>Y</i>
	<i>Germany</i>	<i>conference session</i>	<i>Heise IPv6 Congress</i>	<i>22.-23.May 2014</i>	<i>Frankfurt</i>	<i>Government, ICT industry, research, EU, academic</i>	<i>Werner Schülting, Uwe Holzmann-Kaiser, Martin Krengel</i>	<i>Yes, worldwide</i>	<i>N</i>	<i>Y (GR, SI, CZ)</i>	<i>Y</i>

TEMPLATE A3: LIST OF ROAD-SHOW ACTIVITIES 2014

NO.	Country	Type of activities ⁹	Title	Date/Period	Place	Type of audience ¹⁰	Main Leaders	Are other Countries addressed? Which ones	Event on national level only Y/N	Presentations from off border partners to be included (Y/N, possibl. remarks which partners are asked)	Whole GEN6 presentation (Y/N)
	<i>Czech Republic</i>	<i>Presentation</i>	<i>IT14 (Internet and Technologies 2014)</i>	<i>May 2014</i>	<i>Prague</i>	<i>ISP (including telco operators and registrars, academia), Scientific Community</i>	<i>CZ.NIC</i>	<i>Y, Slovakia</i>	<i>N</i>	<i>N</i>	<i>Y</i>
	<i>Mauricius</i>	<i>Presentation on the conference</i>	<i>IST Africa</i>	<i>May 2014</i>	<i>Port Luis (Mauricius)</i>	<i>Policy makers, Scientific Community</i>	<i>CZ.NIC</i>	<i>EU and African countries</i>	<i>N</i>	<i>Y</i>	<i>Y</i>
	<i>Mauritius</i>	<i>Presentation on IST Africa conference</i>	<i>IPv6 lessons, policies and deployment (tentative)</i>	<i>May 2014</i>	<i>Port Luis</i>	<i>Government, ICT industry, research ,EU academic</i>	<i>CZ.NIC</i>	<i>Yes – EU and African countries</i>	<i>N</i>	<i>N</i>	<i>Y; partially</i>
	<i>Slovenia</i>	<i>Demo at annual international canine rescue exercise http://www.ljubljana.si/si/zivljenje-v-ljubljani/v-srediscu/82473/detail.html</i>	<i>6inACTiOn demo & trial</i>	<i>May 2014</i>	<i>Slovenia</i>	<i>PPDR, public safety</i>	<i>Janez Sterle</i>	<i>Yes - EU</i>	<i>N</i>		

TEMPLATE A3: LIST OF ROAD-SHOW ACTIVITIES 2014

NO.	Country	Type of activities ⁹	Title	Date/Period	Place	Type of audience ¹⁰	Main Leaders	Are other Countries addressed? Which ones	Event on national level only Y/N	Presentations from off border partners to be included (Y/N, possibl. remarks which partners are asked)	Whole GEN6 presentation (Y/N)
	<i>Spain</i>	<i>Workshop for Universities</i>	<i>IPv6 deployment Strategies and GEN6 experience</i>	<i>May 2014</i>	<i>Madrid</i>	<i>Universities</i>	<i>Antonio Skarmeta, Carlos Gomez</i>	<i>No</i>	<i>Y</i>	<i>Possible others</i>	<i>Y</i>
	<i>Great Britain</i>	<i>Presentation on ICANN 50</i>	<i>IPv6 policies and deployment (tentative)</i>	<i>June 2014</i>	<i>London</i>	<i>Government, ICT industry, research , academic</i>	<i>CZ.NIC</i>	<i>Yes - worldwide</i>	<i>N</i>	<i>N</i>	<i>N</i>
	<i>Germany</i>	<i>presentation</i>	<i>ÖV Symposium</i>	<i>September 2014</i>	<i>Rhine/Ruhr-Region</i>	<i>Government, ICT an organization</i>	<i>Martin Krengel (Citkomm)</i>	<i>N</i>	<i>Y</i>	<i>N</i>	<i>Y</i>
	<i>Germany</i>	<i>conference</i>	<i>Results GEN6</i>	<i>Autumn 2014</i>	<i>Berlin</i>	<i>Government</i>	<i>Werner Schülting, Uwe Holzmann-Kaiser, Martin Krengel</i>	<i>No</i>	<i>Y</i>	<i>Y (SI, ES)</i>	<i>Y</i>
	<i>Luxembourg</i>	<i>Workshop and demo</i>	<i>"IPv6 in election infrastructures"</i>	<i>Second half 2014</i>	<i>Luxembourg</i>	<i>Local governmental stakeholders</i>	<i>UL</i>	<i>N</i>	<i>Yes</i>	<i>Y, Citkomm</i>	<i>Y</i>
	<i>Slovenia</i>	<i>6inACTION presentation</i>	<i>ERK 2014</i>	<i>October 2014</i>	<i>Slovenia</i>	<i>ICT industry, research</i>	<i>Luka Mali</i>	<i>No</i>	<i>Y</i>		

TEMPLATE A3: LIST OF ROAD-SHOW ACTIVITIES 2014

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	<i>Spain</i>	<i>Workshop for Public Administrations</i>	<i>GEN6 Lesson and Practices</i>	<i>November 2014</i>	<i>Madrid</i>	<i>ICT public administrator, policy makers</i>	<i>MINHAP, MINETUR, UMU</i>	<i>No</i>	<i>Y</i>	<i>Y, Germany</i>	<i>Y</i>
	<i>Slovakia</i>	<i>Presentation</i>	<i>IPv6: Time is up!</i>	<i>November 2014</i>	<i>Bratislava</i>	<i>Policy makers, IT industry</i>	<i>CZ.NIC</i>	<i>Yes - Czech Republic</i>	<i>N</i>	<i>N</i>	<i>Y</i>
	<i>EU</i>	<i>Presentation @ RIPE</i>	<i>IPv6 government experiences</i>	<i>2014</i>	<i>Warsaw / London</i>	<i>ICT, telco, government</i>	<i>GEN6 Consortium</i>	<i>Y, EU</i>	<i>N</i>	<i>Y</i>	<i>Y</i>
	<i>EU</i>	<i>Workshop</i>	<i>Real IPv6 in geovernment</i>	<i>2014</i>	<i>Brussel or other central location</i>	<i>ICT public administrator, policy makers</i>	<i>GEN6 consortium</i>	<i>EU</i>	<i>N</i>	<i>Y</i>	<i>Y</i>

TEMPLATE A3: LIST OF ROAD-SHOW ACTIVITIES 2014

NO.	Country	Type of activities ⁹	Title	Date/Period	Place	Type of audience ¹⁰	Main Leaders	Are other Countries addressed? Which ones	Event on national level only Y/N	Presentations from off border partners to be included (Y/N, possibl. remarks which partners are asked)	Whole GEN6 presentation (Y/N)
	Greece	Workshops	The organization of workshops with the involvement of students will be started upon the completion of the installation phase	2014	Athens	Students	CTI, Intelen, GRNET	N	Y		

6. USAGE PLANS

The GEN6 project partners have exploitation plans for the different project activities, which are summarized below for each participant.

6.1 Devoteam

The results of the GEN6 project will improve Devoteam's capabilities to support the German government in the transition of government infrastructures to IPv6. Moreover the lessons learned from the project shall enable Devoteam to offer consulting services to its customers in the public administration as well as in the private industry to speed up and facilitate their IPv6 migration. Devoteam shall present first project results on the German IPv6 Congress in Frankfurt.

6.2 Tubitak Ulakbim

The result of the project will cause the smooth IPv6 transition Turkish eGovernment services. TURKSAT is serving as an Internet Service provider to its cable TV customers. TURKSAT will use the knowledge to be gained to make their ISP services IPv6 ready. ULAKBIM is in a leading position on IPv6 transition in Turkey. The realization of GEN6 objectives will even support ULAKBIM's current role in the country as a leading actor.

GEN6 project has been an accelerative force for Turkey eGovernment Gateway to be made IPv6 enabled. Through the project three selected governmental institutions are planned to make IPv6 connection to EGG. Leveraging the project results, other governmental institutions will also connect to EGG over IPv6. Moreover, the experience gained throughout the project will be used to prepare best practice documents, IPv6 deployment guides and security cookbooks. Furthermore, institutions in Turkey pilot may use the project experience by participating in other European projects.

6.3 UMU

UMU as academic & research centre will disseminate results of GEN6 due articles and conference papers and also will use the good-practice and guideline generated as part of the academic activities in order to present students up-to-day applicability of IPv6 for their future development in the industries and enterprises. Additionally it will be an opportunity for UMU to present his expertise to the stakeholders and especially to administration of Spain our knowledge and activities in IPv6 area in order to possible generate future collaboration activities.

6.4 UL

The outcome and lessons learnt from this project will empower and advance the University of Luxembourg with its interdisciplinary centre SnT and its governmental stakeholders from a Luxembourg cluster in providing a Public Safety and Cloud Computing recommendations. This open platform is an ideal facility for infrastructure, services and new enabling concepts in a small, vendor neutral, and cross boarder environment.

Together with key stakeholders such as the Centre de Communications du Gouvernement Luxembourg, Ministry of State and LuxCloud, UL/SnT has defined a strategic research agenda driven by a scientifically very strong group of faculty and researchers formed around a number of interdisciplinary research platforms that provide application area focus and long term direction. Strong links have been established with external partners to define and launch research projects with relevance to the community. UL/SnT has set as one of its key focal areas, the Future Internet Public Private Partnership launched by the European Commission, where it intends to be a key player offering, security and trust expertise, security test beds and large scale citywide test beds.

The results of the project will generate new research scopes and opportunities for the cooperation with wider stakeholder communities in the government and safety fields, contributing to a sustainable partnership never experience before in facilitating hands-on-driven research work and winning top class researchers in areas such as the Safety networking, Internet of Things, SmartGrids and Cloud computing and their respective security work with the imminent adoption of the new Internet Protocol version 6 (IPv6).

6.5 Citkomm

The outcome and lessons learnt from the GEN6 project will enable Citkomm as a service provider for regional and local government authorities to speed up the process of IPv6 introduction and to support the transmission by concepts, guidelines and skills. Introduction of new technology is always a critical process but for government authorities this is crucial. For authorities network is almost transparent but will their applications still work? Besides the network aspect of this project Citkomm will explore the IPv6 readiness of common applications like browser and database applications as well as special government applications of their customers.

As an early adapter of IPv6 and a completely dual-stack infrastructure at the end Citkomm will be in a leading position with respect to IPv6 data centre services for administrations in Germany. Being member of the interest group Vitako, a society of regional data centre provider, will be able to spread the results widely and offer practical advice.

Furthermore the results will enable Citkomm to address (upcoming) topics in networking like mobile IP or Cloud Computing for the government sector. With a complete infrastructure in operation both institutions will be able to investigate into security aspects like traceability of user and/or devices (privacy extensions) and how to fulfil privacy requirements in a new network environment.

6.6 TNO

TNO aims to use the knowledge gained in GEN6 to assist organisations in The Netherlands that want or are introducing IPv6 in their networks and services. The experiences in the monitoring activities will enable TNO to assist organisations and governments in decisions related to policy making and governance in major technical developments in the telecommunications and Internet industry. Also, GEN6 experiences could give input to TNO's efforts to contribute to a safe and secure introduction of IPv6 in The Netherlands.

With respect to dissemination, TNO's original aim in GEN6 was to support the dissemination of experiences in the Netherlands Dutch pilot. Since the Netherlands pilot was stopped state after the first year when Alkmaar changed to being observer of the project, the dissemination activities for this pilot cannot be continued. TNO will look to assist other partners' needs to disseminate experiences in The Netherlands, for example through the Dutch IPv6 Task Force or Dutch governments.

TNO's monitoring activities in this project link the technical aspects of IPv6 to more policy related aspects. TNO aims to present the experiences of applying such a policy model at one or two conferences targeted at policy makers in the area of telecommunications and Internet.

6.7 Fraunhofer

As a research institute Fraunhofer FOKUS will use the results from Gen6 in different ways. One mandate is to transfer results from research to small and medium business. As those are currently more or less in the same position as governments and local administrations the steps from motivation, to planning and deployment can be used to encourage the introduction of IPv6. As Fraunhofer is a large organization with more than 50 institutes the experience gained from the own way to IPv6, the results from GEN6 and specially the outcome from the university best practices can be used for internal education of the Fraunhofer society. As FOKUS is also engaged in the national activities in Germany to IPv6 transition the results and experience from other national pilots will serve as motivation and best practices and will find its way back to the national documentation, especially into the Transition guidelines and. Most important here will be how to avoid pitfalls during the implementation process of IPv6.

The results of national activities together with the European approach of GEN6 will be part of a

series of presentations e.g. the CeBIT fair (March), the German IPv6 congress in Frankfurt (June) and the national IT Board.

Furthermore FOKUS is member of the IPv6 working group so all publically released deliverables are immediately available to all level of government/administration in Germany.

6.8 GRNET

Based on the results of the GEN6 project, best practices for the deployment of IPv6 services will be disseminated to the academic and research community in Greece as well as in the public sector networks.

Expansion of the Greek pilot may be applied in the Greek universities, targeting at the reduction of their daily energy consumption through the establishment of end-to-end IPv6 smart metering infrastructure.

Innovative techniques proposed within the project will be exploited for the support of IPv6 in the GRNET cloud computing services and the provision of guidelines to GRNET customers for their transition to IPv6.

Collaboration with the Greek public authorities will be also established based on the project results, targeting at the fastest adoption of IPv6 combined with the proper training of the personnel.

The message that “IPv6 can be a green enabler” will be incorporated within the GRNET’s environmental policy, while the exploitation of IPv6 characteristics in the fields of smart sensor networking (6LoWPan), autonomic networking and Smart Grid networks will be pursued.

6.9 CTI

The results of the GEN6 project will improve CTI's capabilities to support the Greek School Network for enhancing existing IPv6 services or providing new services to the end users, over IPv6. Moreover the lessons learned from the project shall enable CTI to offer consulting services to its customers in the government sector to speed up and facilitate their IPv6 migration. CTI shall present first project results on the Greek student community as well as investigate the benefits of establishing an advanced metering infrastructure over IPv4 and IPv6 and provide insights about the benefits of building IPv6 services. The Greek IPv6 pilot, upon successful implementation and dissemination of the results, may constitute a point of reference for wide scale deployment of IPv6 services in the Greek public sector infrastructures, either for networking or cloud computing ones. The Greek School Network pilot will also result into significant energy savings for the participating schools, by providing real-time energy consumption information to the students, raising their energy awareness, and motivating

behavioural changes. It may also motivate the Greek government to extend this service to more government buildings, both in the educational and the general administration sectors. There is also a probability of high influence in private sector infrastructures. Last but not least, the IPv6 expertise of CTI, and the new knowledge acquired through this project will be carried out within the schools as well as in the wider community will motivate the establishment of a strong collaboration framework between the ICT sector, the smart building & automation vendors and public authorities. Finally, CTI as a leader IPv6 stakeholder will participate in new research scopes in areas such Safety networking, Internet of Things, SmartGrids and Cloud computing with the imminent adoption of the new Internet Protocol version 6 (IPv6).

6.10 Intelen

Intelen will use GEN6 results in Europe and USA, regarding the applications of Internet of Things - IoT in the energy and smart grid sector. Intelen already uses IPv6 technology in energy meters and sensors and adapts the cloud SaaS/IaaS middleware and software towards this direction.

The impact of IPv6 to the smart grid market will be exploited by applying relevant techniques for energy efficiency in big buildings and electric vehicles. The output of GEN6 project will help Intelen build a modern data analytics system based on IoT approach and apply modern algorithms for energy analysis in a peer2peer level.

Intelen prepares dissemination of GEN6 results to some high level EU events and round tables regarding smart grid (ESMIG) and to relevant events in the US market (Networked Grid 2013, LA), where Intelen is sponsor and will start deploying services to specific States, by April 2013.

6.11 Turksat

Turksat operates the national e-government gateway. The gateway web application and the database system has been updated to allow access from IPv6 addresses and took a part at the IPv6 World Launch day. The pilot institutions; Social Security Institution (SGK) and Turkish Post (PTT) were connected to the gateway over a new fibre connection. In order to guarantee compatibility and continuous operation of the system, R&D of the “Public Services Integration Box”, a custom hardware solution, which is designed to simplify integration to the e-Government gateway, has begun. The integration box is designed to support IPv6 connections between institutions and the e-Government Gateway.

6.12 MVČR

MVCR will exploit the results of IPv6 internally as it develops and operates a number of information systems and infrastructures supporting the national policies and legislation in the competence of the ministry (for example, public administration reform and organization, ICT

policy and e-government, public order, police and fire brigade). GEN6 results will be further communicated and forwarded within the coordinating and cooperating expert networks concerned with regional (e.g. Association of Regions) and municipal (self-) governments (e.g. Association of Towns and Municipalities) in order to support related ICT projects and services.

6.13 MoIT

The MoIT is continuously monitoring the fulfilment of the government resolution no. 727/2009 about the transition to IPv6 protocol, informing about its results on the web page of MoIT www.mpo.cz.

MoIT is also committed to continue monitoring the situation in implementing of IPv6 within the government institutions according to the national strategy Digital Czech v. 2.0 (this strategy was approved by Government in March 2013) for its approval in 2Q 2013).

MoIT wants to reach better results in implementing of IPv6 by sending notices to the government institutions, which are not fulfilling the government resolution no. 727/2009. Based on these notices we can see high improvement in implementation of IPv6 within government institutions.

The MoIT is also prepared a report for the government about state of play of IPv6 deployment. Based on this report, new version of IPv6 resolution was adopted by the government.

The MoIT is planning together with CZ.NIC to strength communication with various stakeholders, including policy makers.

MoIT is planning to disseminate IPv6 deployment within international organisations, e.g. OECD and its ICCP Committee.

6.14 CZ.NIC

CZ.NIC is planning to disseminate especially the results of IPv6 readiness benchmarking study. As key events in 2013, we consider the Digital Agenda Assembly (2013, 2014), ICT 2013: Create, Connect, Grow in Vilnius (2013) and eGovernment conferences. There is also planned to continue in cooperation with Information Society during ION events. At the national level, together with MoIT we are planning to strength communication with various stakeholders, including policy makers. From national media, we are planning to publish new information about GEN6 projects in its results in Verejna sprava (Public Administration) magazine, Lupa.cz (the most important magazine in ICT area) or eGov.cz.

6.15 MINHAP

The results from GEN6 will impact MINHAP in different dimensions:

- As operator of a number of e-government services, it will help to make these services available in IPv6, contributing to the widespread use of the new protocol among citizens. In that sense, the IPv6 transition of these services will be disseminated through media aimed to the general public, such as the Spanish e-government portal administracionelectronica.gob.es
- As provider of shared services to other public bodies, GEN6 will allow MINHAP to improve its infrastructures, making them available to offer network services in IPv6 that will help Spanish public administrations in their transition to IPv6. This will be disseminated mainly by means of the ICT coordination mechanisms (committees, technical meetings, working groups) as well as by participating in events aimed to ICT public officials and industry members.
- As coordinator of the ICT strategy of the national government, GEN6 will provide MINHAP with a valuable experience in the IPv6 transition coming from different partners from other countries, experience that MINHAP can share with the rest of the Spanish public administrations.

6.16 ULFE

ULFE will exploit GEN6 results throughout their industrial cooperation and research and scientific work in Slovenia as well as internationally. In cooperation with the A-ERCS industrial partners and public authorities, ULFE will design and implement an Advanced Emergency Response Communications System using latest technologies including IPv6, IoT and sensor technologies, intelligent network mechanisms, and state-of-the-art commercially available mobile and wireless multimedia services, hence delivering a powerful system directly applicable into professional practice. More specifically, with support of the Department for Protection, Rescue and Civil Defense (Municipality of Ljubljana) and Telekom Slovenije, ULFE will transfer GEN6 results into practice in the form of IPv6-based communications solution for first response and emergency rescue services. The resulting A-ERCS pilot will represent an important best practice contribution for further IPv6 research and development work in this specific domain. Collaboration with other public authorities will be also established, targeting faster IPv6 take-up and adoption in government infrastructure and services. Moreover, ULFE will continue to cooperate with industrial partners to deliver a next generation A-ERCS solution using proven professional equipment and a novel combination of IPv6 technologies and customized

sensor/IoT services, as well as to address specific targeted communities and business perspectives of such systems. Finally, ULFE will exploit the results, outcomes and best practices of the GEN6 project through their academic, research and scientific work, especially in their B.Sc., M.Sc. and Ph.D. programs, industrial workshops, and further research and development cooperation in national and EU projects

7. CONCLUSIONS

The plan for usage and dissemination of the project knowledge provides an overall view of the project and partners expectative on this regard.

The project web site is one of the main initial assets, and provides after the re-launch a global view of the project objectives, deliverables being produced, news from the project and means for contacting the project partners.

However, this document also summarizes very relevant aspects to be developed by the project partners, such as internal dissemination activities, papers and publications, overall dissemination activities and an earlier view of the partner's exploitation plans.