



COMUNE DI GENOVA

DELIBERAZIONE ADOTTATA DALLA GIUNTA COMUNALE
NELLA SEDUTA DEL 10/02/2011

Presiede: Il Vice Sindaco - Paolo Pissarello
Assiste: Il Vice Segretario Generale - Vanda Puglisi

Al momento della deliberazione risultano presenti (P) ed assenti (A) i Signori:

1	Marta Vincenzi	Sindaco	A
2	Paolo Pissarello	V. Sindaco	P
3	Stefano Anzalone	Assessore	P
4	Elisabetta Corda	Assessore	P
5	Simone Farèllo	Assessore	P
6	Mario Margini	Assessore	A
7	Francesco Miceli	Assessore	P
8	Giuseppina Montanari	Assessore	P
9	Roberta Papi	Assessore	P
10	Bruno Pastorino	Assessore	P
11	Andrea Ranieri	Assessore	A
12	Francesco Scidone	Assessore	P
13	Carlo Senesi	Assessore	P
14	Giovanni Vassallo	Assessore	A
15	Paolo Veardo	Assessore	P

00025/2011 ADESIONE DEL COMUNE DI GENOVA AL PROGETTO
"PHERIPHÈRIA" NELL'AMBITO DEL PROGRAMMA EUROPEO
PER LA COMPETITIVITA' E L'INNOVAZIONE 2007-2013 "ICT
POLICY SUPPORT PROGRAMME"

Su proposta dell'Assessore alla Città Sicura, Francesco Scidone, di concerto con l'Assessore ai Parchi, Giuseppina Montanari e l'Assessore Manutenzione Municipi, Elisabetta Corda;

Premesso che:

- L'iniziativa "Information Communication Technologies (ICT) – Policy Support Programme (PSP)" inquadrata nel Programma Europeo per la competitività e l'innovazione 2007-2013, si propone l'obiettivo della promozione della competitività attraverso una maggiore diffusione e un migliore utilizzo delle tecnologie dell'informazione da parte di cittadini, amministrazioni e imprese;

- È stato emanato il bando “CIP – ICT PSP – 2009 -4” per la presentazione di progetti su diverse tematiche da sviluppare attraverso specifici progetti oggetto di finanziamento (denominati pilota di tipo A, di tipo B e Reti Tematiche);
- Il Comune di Genova è stato invitato ad aderire ad un progetto pilota di tipo B finalizzato a favorire l’adozione di prodotti e servizi innovativi basati sulle ICT, denominato “PHERIPHERIA”, in un partenariato formato da cinque paesi europei, rappresentati da Amministrazioni, Università e Imprese: Portogallo (Alfamicro Sistema de Computadores Lda, Intelligent Sensing Anywhere ISA, Municipio Palmela); Italia (TXT eSolutions Spa , Archeometra Srl , Politecnico di Milano); Grecia (Athens Technology Center SA , DAEM SA – Athens); Germania (Karlsruher Institut für Technologie , BrePark Gmbh – Bremen); Svezia (Malmö Högskola – Malmö).

Considerato che:

- L’obiettivo del Progetto PHERIPHERIA è diffondere i servizi e le piattaforme di Internet del futuro per la promozione di stili di vita sostenibili, attraverso una nuova rete di città europee di medie dimensioni (quindi “periferiche” rispetto alle grandi realtà metropolitane), che dimostrano una maggiore dinamicità e creatività nelle soluzioni innovative e costituiscono una importante mercato per i servizi urbani;
- PERIPHERIA individua cinque ambienti urbani - con caratteristiche sociali e requisiti infrastrutturali definiti - come spazi dove può realizzarsi la coprogettazione e l’integrazione dei servizi: il quartiere, la strada, la piazza, i parchi e i musei, il municipio;
- Nell’ambito del progetto ciascun partner deve pertanto sviluppare una proposta relativa ad un ambiente urbano, utilizzando le potenzialità del c.d. Internet del Futuro, inteso come la prospettiva di sviluppo delle reti telematiche, per cui vengono messe in connessione le persone, i servizi e gli oggetti (Internet della gente, Internet dei servizi, Internet delle cose).

Rilevato che:

- il Comune di Genova intende sviluppare - in relazione all’ambiente “Parchi e Musei”- gli aspetti della sicurezza urbana e della qualità della vita, legati alla vivibilità e all’accessibilità degli spazi aperti al pubblico, che costituiscono le sue ricchezze naturali e storiche, in modo da favorire una fruizione piacevole e sicura di questo patrimonio da parte di cittadini e turisti;

- nell'ambito delle scelte politiche in tema di sicurezza sono stati già realizzati progetti che integrano il fattore tecnologico, soprattutto in tema di videosorveglianza e il fattore umano, costituito da diversi livelli di presidio civile del territorio, svolto da associazioni di volontariato anche nei parchi cittadini;
- nel progetto pilota del comune di Genova potranno essere ulteriormente sviluppate le tecnologie collegate alla sicurezza: sensori, sistemi di identificazione a radio frequenza (RFID), rappresentazioni di realtà virtuale tridimensionale, sistemi di localizzazione tramite GPS, sistemi di apprendimento interattivo;
- le innovazioni tecnologiche sono finalizzate a realizzare:
 - ✓ accesso alle informazioni sui percorsi in sicurezza per i luoghi di interesse storico e turistico
 - ✓ giochi di apprendimento in ambiente sicuro
 - ✓ efficienza nella pubblica incolumità
 - ✓ aumento della sicurezza nell'accesso ai parchi
 - ✓ miglioramento del coordinamento di polizia locale, mobilità e altri servizi pubblici
 - ✓ vivibilità dei luoghi storici e naturali aperti al pubblico.

Rilevato che:

- il progetto prevede un budget complessivo di € 371.100,00, di cui il 50% pari a € 185.550,00 garantiti dal finanziamento europeo e il restante 50% finanziabili dal Comune di Genova esclusivamente tramite costi di personale;
- la realizzazione del progetto pilota prevede una complessa fase di negoziazione al fine di definire il coordinamento complessivo con gli altri partners e una fase di sviluppo attraverso un percorso cronologico di raggiungimento graduale degli obiettivi, che richiedono spesso anche riunioni in sedi estere;
- il Settore Acquisizione Finanziamenti e Sviluppo Progetti, che ha collaborato ad enucleare il progetto e le basi della partecipazione al Partenariato "PHERIPHÈRIA", non può garantire - a causa delle limitate risorse ed i numerosi impegni già assunti per le altre Direzioni del Comune - il supporto dettagliato per lo sviluppo del progetto pilota, come risulta dalla nota 13 gennaio 2011 Prot. N. G/2011/0009650
- nella stessa nota viene indicata l'opportunità di acquisire un supporto esperto esterno all'Amministrazione, che possa garantire un alto livello di professionalità nel raggiungimento degli obiettivi;



- la spesa derivante dall'incarico può essere ricompresa nel finanziamento assicurato dalla Comunità Europea e quindi non costituisce un onere diretto a carico del Comune di Genova.

Ritenuto:

- di approvare per i motivi espressi in premessa l'adesione del Comune di Genova al Progetto "PHERIPHÈRIA" nell'ambito del PROGRAMMA EUROPEO PER LA COMPETITIVITA' E L'INNOVAZIONE 2007-2013 "ICT – Policy Support Programme";
- di avvalersi di un professionista esterno a supporto dell'attività di realizzazione del progetto pilota, il cui costo sia ricompreso nella quota di finanziamento a carico della Comunità Europea;

Visti:

- Il D.lgs 267/2000;
- Lo Statuto del Comune di Genova;
- gli allegati pareri in ordine alla regolarità tecnica e contabile del presente provvedimento espressi rispettivamente dal responsabile del settore competente e dal responsabile di Ragioneria, nonché l'attestazione sottoscritta dal responsabile del Servizio Finanziario ed il parere di legittimità espresso dal Segretario Generale;

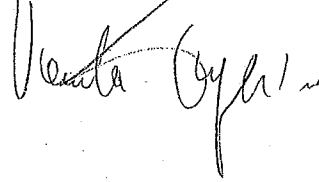
La Giunta, previa regolare votazione, all'unanimità
D E L I B E R A

- di aderire, per i motivi di cui in premessa, al Progetto denominato "PHERIPHÈRIA";
- di dare atto che il Comune di Genova non sosterrà alcun onere diretto per la realizzazione del progetto, ma garantirà la quota di finanziamento a suo carico, pari a € 185.550,00, attraverso spese di personale;
- di demandare alla Direzione Città Sicura la predisposizione degli atti necessari: per la partecipazione al progetto in argomento, per i conseguenti adempimenti contabili e per l'affidamento di un incarico a un professionista per il supporto alla realizzazione del progetto pilota;
- di dichiarare, stante l'urgenza di predisporre i documenti progettuali necessari all'accertamento dell'importo stanziato, l'immediata eseguibilità del presente provvedimento ai sensi dell'art.134 c.4 del D.Lgs 267/2000.

Attesa l'urgenza di provvedere la Giunta, previa regolare votazione, all'unanimità dichiara immediatamente eseguibile il presente provvedimento ai sensi dell'art. 134 - comma 4 - del T.U. D.Lgs. 18 agosto 2000 n. 267.

Il Vice Sindaco

Il Vice Segretario Generale

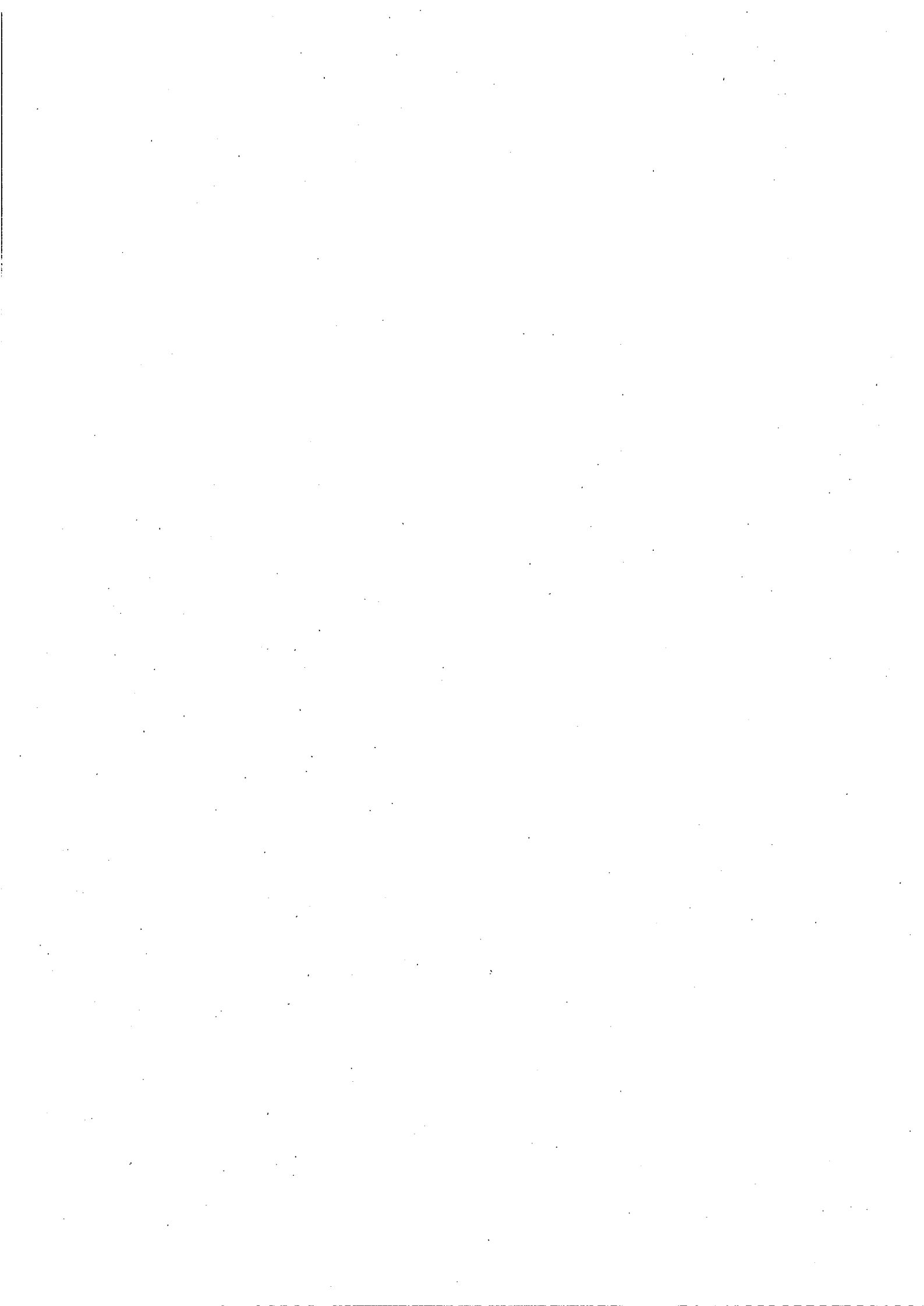


La presente deliberazione viene posta in pubblicazione all'Albo Pretorio del Comune per 15 giorni a far data dal 02 MAR. 2011 ai sensi dell'art. 124 - comma 1 - del T.U. D. Lgs. 18 agosto 2000 n. 267.

La presente deliberazione viene:

- Inviata ai capigruppo consiliari, ai sensi dell'art. 125 del T.U. D.Lgs. 18 agosto 2000 n. 267.

E' divenuta esecutiva ai sensi dell'art. 134 - comma 3 - T.U. D.Lgs. 18 agosto 2000 n. 267, il giorno



ALLEGATI ALLA PROPOSTA DI DELIBERAZIONE ODE N. 00023/2011

DEL 26/01/2011 COMPOSTO DA N. 9 FOGLI.

ELENCO ALLEGATI:

- The Periphéria Manifesto;
- Periphéria Pilot Genoa;
- Evaluation Summary Report.



Il Direttore
(timbro e firma)

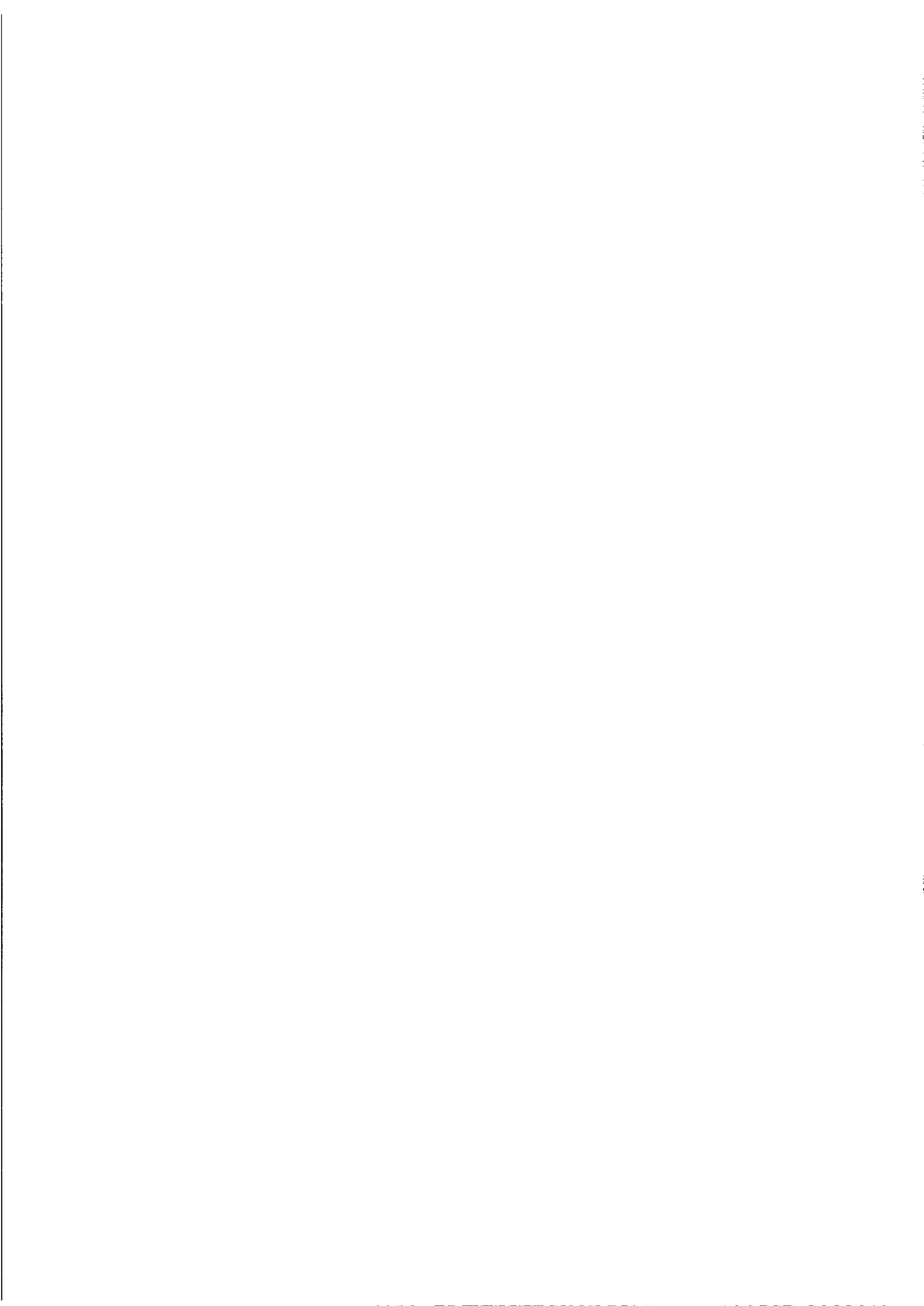
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ALLEGATO ALLA DELIBERA DI GIUNTA/CONSIGLIO COMUNALE N. 25.....

DEL 10/02/2011.....

Il Segretario Generale

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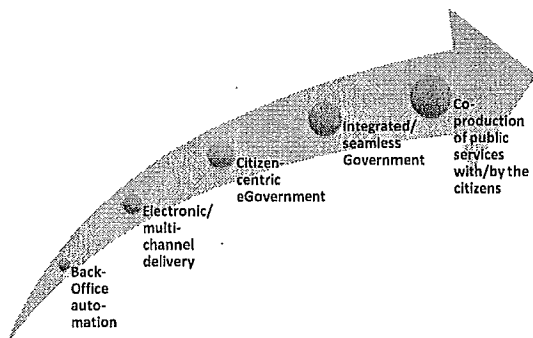


THE PERIPHÈRIA MANIFESTO

PERIPHÈRIA aims to deploy convergent Future Internet platforms and innovative services for the promotion of sustainable lifestyles and workstyles in and across emergent networks of 'smart' peripheral cities in Europe. A 30-month Pilot B action funded by the European Commission under the CIP ICT PSP Programme, PERIPHÈRIA is carried out by a project consortium led by Alfamicro (PT) and made up of 12 partners from 5 EU Member States. The 5 Pilot City Partners together with 7 additional Sponsoring Cities form the core of the PERIPHÈRIA Smart City Network. For its thematic orientation and the methods and tools used, PERIPHÈRIA participates in both the CIP Smart Cities Project Portfolio and the European Internet of Things Research Cluster, with the specific mandate of showcasing the benefits of Internet-of-Things type of technologies in services of high societal value.

TRANSFORMING GOVERNMENT EXPERIENCE

Over the past 30 years, European Cities have experienced a widespread movement towards modernisation of public service delivery, in order to improve efficiency, effectiveness and value for citizens. ICTs have played a central role in this transformation, under the universally acknowledged assumption that decentralisation and power devolution is the best way to locate public service delivery closest to the ultimate beneficiary – be it household, business, or third sector association.



Modernisation programs in EU public administrations can be seen to develop through phases of maturity, three in particular going far beyond mere back and front office automation:

MULTICHANNEL PROVISION or Citizen centric service delivery, underlining the fact that

government has to transform itself to serve the needs of constituents, and not vice versa.

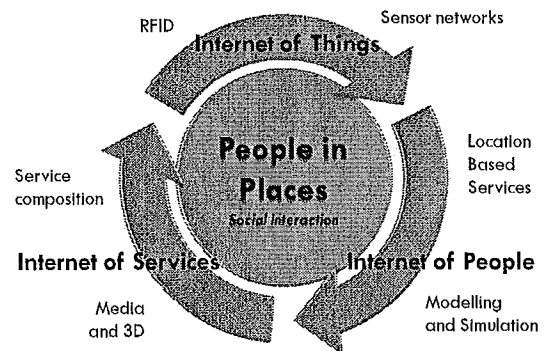
SEAMLESS SERVICE DELIVERY, aiming to overcome the fragmentation of public agencies through ICT integration: 'One Stop Shops', 'Life Events' paradigm, 'Cross-Border' interoperability, etc.

SERVICE CO-PRODUCTION BY AND WITH CITIZENS, leveraging ICT enabled engagement – Web 2.0, 'prosumption' etc. – to address the cost/benefit dilemma in an innovative way.

THE PERIPHÈRIA FUTURE INTERNET VISION

In this scenario, the parallel evolution known as the Future Internet (FI) offers unprecedented and until now largely unrevealed opportunities.

PERIPHÈRIA views the FI as the interaction of **INTERNET OF THINGS (IoT)**, **INTERNET OF SERVICES (IoS)** and **INTERNET OF PEOPLE (IoP)**. We posit that through the convergence of socio-technical elements belonging to these three infrastructures, environments and architectures, it will be possible to leverage the transformational capacity of the (peripheral) Cities of Europe in terms of the urban structures, lifestyles, and workstyles required to reach more ambitious targets of economic, social, environmental



and cultural sustainability.

Central to this innovation is the concept of community interaction or 'People in Places'. PERIPHÈRIA locates this interaction in five **ARENAS** – archetypical urban settings with well-defined social features and technological requirements – which become the settings where co-design and integration of public services unfold. To each Arena, an identified City partner is associated:

SMART NEIGHBOURHOOD where media-based social interaction occurs (Malmö, SE)

SMART STREET where new mobility behaviours develop (Bremen, DE)

SMART SQUARE where participatory civic decisions are taken (Athens, GR)



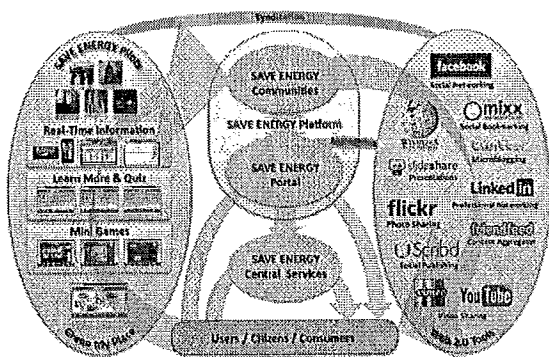
SMART MUSEUM AND PARK where natural and cultural heritage feed learning (Genoa, IT)

SMART CITY HALL where mobile e-government services are delivered (Palmela, PT)

Serious Games and e-participation constitute the vehicles for co-creation of innovative public services, thus accelerating the development of a vision that aims to engender collective creativity and community interaction by transforming Government experience - thanks to a **FUTURE INTERNET BY AND FOR THE PEOPLE**.

TECHNOLOGIES AND SERVICES

PERIPHÈRIA implements a trans-European **OPEN SERVICE CONVERGENCE PLATFORM (OSCP)** for the provision of Internet and FI-enabled services in and across networks of Smart Peripheral Cities. The OSCP extends and enhances the **SAVE ENERGY Social Information Architecture**,¹ integrating key new components – sensor networks, real time 3D and mobile location-based services – from previous research initiatives, emerging devices and platforms, and *ad hoc* mash-ups designed and implemented on the spot.



User-generated content is spontaneously generated by community interaction, which occurs at the 'run-time' moments in which infrastructures and services are dynamically discovered, invoked and composed.

Behavioural transformation towards sustainable lifestyles emerges through replicable, scalable and transferable patterns of personal and collective innovation (called **BEHAVLETS**) occurring within specific, elementary units of FI-powered city space (called **URBLETS**). Behavlets and Urblets are thus the main impact drivers of change, which will be identified, described and classified during the project in the perspective of future business exploitation.

PERIPHÈRIA's big challenge is thus to find new ways of embedding Future Internet technology in urban life to bring about more dialogue, communication, innovation, business opportunities, and sustainable options. The PERIPHÈRIA pilots constitute alternatives that encourage diversity and

an educated and responsible citizenry, providing them the knowledge and artefacts to leverage territorial assets and build culturally specific solutions. This will help designers, architects and policy makers deploy the Future Internet to address key issues of sustainable urban development.

THE PERIPHÈRIA OBSERVATORY

A Smart City Network will be created within PERIPHÈRIA, open to non-partner cities and supported by an interdisciplinary Observatory whose main goal is to capture the territorial dimension of urban innovation processes: their emergence, dynamics, mechanisms, and evolution. The Observatory thus analyses the territorial and socio-economic effects of Future Internet driven Living Lab activities, developing an observational framework to capture innovative fluxes and trajectories, recognise opportunities for effective networking, and support self-acknowledgment of territorial potentials by Smart City stakeholders and communities.

At a broader level, the Observatory aims to capture the potential of EU peripheries as *lieux de ressources* – human, technical and economic – for Future Internet driven socio-digital territorial innovation, enhancing the networking capacity of 'people in places'. It will be a lens through which the 'networking tension' within and between peripheral cities will be analyzed as a territorial effect of the pilots' smart infrastructures.

As such, the PERIPHÈRIA Observatory proposes itself as a key service to the cross-project CIP Smart Cities Portfolio, in a collaborative learning perspective.

THE PERIPHÈRIA PARTNERSHIP

Project Coordination

ALFAMICRO Sistema de Computadores Lda (PT)

Mr. Álvaro Duarte de Oliveira, mail@alfamico.pt

Mr. Jean Barroca, jean.barroca@alfamico.pt

Mr. Jesse Marsh, jesse@atelier.it

Project Partners

TXT eSolutions Spa (IT)

Karlsruher Institut für Technologie (DE)

Intelligent Sensing Anywhere SA (PT)

Archeometra Srl (IT)

Athens Technology Center SA (GR)

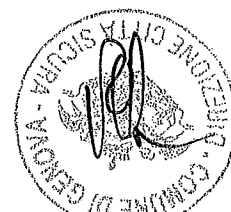
Politecnico di Milano (IT)

Malmö Högskola – Malmö (SE)

BrePark GmbH – Bremen (DE)

DAEM SA – Athens (GR)

¹ CIP ICT PSP project 238882 <http://www.ict4saveenergy.eu>



Comune di Genova – Genoa (IT)

Município Palmela – Palmela (PT)

Sponsoring Cities

Budapest (HU), La-Ferté-Sous-Jouarre (FR), Larnaca (CY), Malaga (ES), Malta (MT), Palermo (IT), Rio de Janeiro (BR)

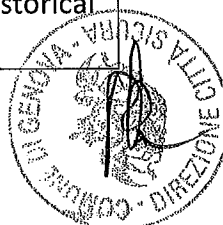
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PERIPHÈRIA PILOT

Genoa

PILOT MANAGEMENT	
Pilot coordination	Alessandra Risso, arisso@comune.genova.it Coordinator of European projects
City coordination	D.ssa Maria Pia Verdonà, arisso@comune.genova.it Director of Safe City Department
Technical coordination	Giorgio Da Bormida, dabormida@gmail.com European Projects Senior Advisor
Observatory representative	Prof. Revetria, University of Genoa <i>This is an optional role for a representative in the Observatory, and can be a local expert in territorial, socio-economic and/or design issues.</i>
Subcontracting organisations	<i>The City of Genoa will work closely in cooperation with PACTA Association which will support different activities including organisation of pilot, pre-pilot evaluations and definition of evaluation metrics, organisation of focus groups and comparative analysis of results. PACTA will also be responsible for project office and quality assurance.</i>
Organisational issues	

PILOT SETTING	
Reference arena	Smart Museum and Park
City features	Pop. 600.000 ca. Coastal Mediterranean city semi-peripheral to the industrial backbone of Italy.
Pilot scenario	The Genoa pilot will synergise two key aspects: - safety and quality of life in order to improve liveability and accessibility of open urban spaces, including historical and natural heritage; - safe and serendipitous learning by tourists and citizens about material and immaterial heritage of the City of Genoa.
Background projects	City of Culture 2004 FP6 ISAAC project Maritime UCAT Central Europe QAGEING
Pilot location	The pilot location will be studied at the beginning of the project in order to cross-amplify its visibility as well as its relevance for the project.
Public services affected	The pilot will involve multiple public services including tourism services, public health, access to parks and historic buildings, local police, traffic management services.
Thematic features	Safety and quality of life, sustainable and safe tourism, liveable historical and natural heritage.

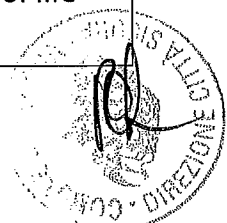


Privacy and security issues	The Safe City Department of the City of Genoa, responsible for the pilot, has a long time experience in privacy and security issues, e.g. being in charge of urban video surveillance. We will take into account any privacy-relevant issue in designing the technologies for Genoa pilot, according to not only local and national regulations, but also regarding European ones.
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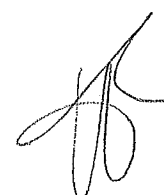
PILOT TECHNOLOGIES	
Existing platform	Genoa pilot will be based on multiple platforms already developed by the City of Genoa in local and international projects, such as UCAT, QAGEING, ISAAC.
Research results available	The pilot implementation will take advance of the technologies developed in recent R&D project called ISAAC, where the City of Genoa was a partner.
Features missing and/or required	None
Relevance of partner technologies	The pilot will involve specific technologies available in the project, including sensors, RFID, real-time 3D, and location-based mobile services in order to serve the purpose to build a pilot focused on enhanced liveability of urban open spaces.
Technologies to be subcontracted.	Necessary technologies will be deployed in the pilot through project partners.

PLATFORM INTEGRATION	
OCSP Key features	Heritage information, management, learning, safety, mobility
Social Information Architecture	Mobile access to information on touristic and historical places including "wayfinding around a city" (i.e. finding your way safely in all conditions). Discovery and learning games in safe environments. Simulation of natural systems.
Internet of Things	RFID tagging of historical objects and places. Sensors to monitor natural resources. GPS positioning of tourists and citizens.
Internet of Services	Visualisation and simulation services. Composition of services offered by citizens and tourists, city departments, museums, parks, police, etc.
Internet of People	Communication for safety and quality of life. Location-based mobile services. Interactive learning.

PILOT IMPACT	
Impact levers	Liveability of heritage and enhanced learning, safety and quality of life



Community services created in the pilot	<p>The pilot will enable to enhance multiple public services including:</p> <ul style="list-style-type: none"> • mobile access to information on touristic and historical places including "wayfinding around a city" (i.e. finding your way safely in all conditions); • discovery and learning games in safe environments; • sustainable, improved and safer tourism services; • efficient public health; • improved and more secure access to parks and historic buildings; • better coordination of local police, traffic management services and other public order services; • liveability of historical and natural open urban places.
Living Lab partnership	Tourists, Citizens, City of Genoa officers in relevant departments, local police.
Regional and national multipliers	<p>The City of Genoa is directly involved as public authority.</p> <p>Cities of ISAAC network.</p> <p>Cities of the EuroCities and EFUS networks</p> <p>Link with partner TXT.</p>
Contribution to Observatory	Liveability of historical and natural heritage in cities, learning and city environments, urban safety and quality of life
Cross-border links with Partner Cities	City management services with Palmela, Bremen and Athens. Historical and natural heritage with Malmoe and Athens. Citizens and tourists safety with all pilots.
Cross-border links with sponsoring Cities	Safe tourism with Rio, Malaga, Palermo, Malta, Budapest and Larnaca. Natural resources with La-Ferté. Historical heritage with Palermo, Malaga and Budapest. Quality of urban life with Rio de Janeiro.
Potential for market / reuse	We expect that the experience gathered in Genoa pilot will be interesting and transferrable to other cities both in the project (partner cities), in sponsoring Cities as well as in Genoa's existing networks (e.g., EuroCities, EFUS).






Evaluation Summary Report

Proposal : 271015
Acronym : PERIPHERIA
Program : ICT Policy Support Programme
Call : CIP-ICT-PSP-2009-4
Funding scheme : Pilot Type B - CIP-ICT-PSP-PB
Duration : 30 months
Activity : Theme 4 - Open Future Internet - Open Innovation for future Internet-enabled Services in "smart" Cities

PERIPHERIA

Networked Smart Peripheral Cities for Sustainable Lifestyles

Proposal submitted by :

Nº	Proposer name	Country	Total cost (€)	%	Grant requested (€)	%
1	ALFAMICRO-SISTEMAS DE COMPUTADORES, LDA	Portugal	952,400	19.11	476,200	19.11
2	TXT E-SOLUTIONS SPA	Italy	545,500	10.94	272,750	10.94
3	Karlsruher Institut fuer Technologie	Germany	574,390	11.52	287,195	11.52
4	ISA - Intelligent Sensing Anywhere S.A.	Portugal	166,500	3.34	83,250	3.34
5	ARCHEOMETRA SRL	Italy	318,600	6.39	159,300	6.39
6	ATHENS TECHNOLOGY CENTER SA	Greece	293,250	5.88	146,625	5.88
7	POLITECNICO DI MILANO	Italy	456,200	9.15	228,100	9.15
8	MALMOE HOEGSKOLA (MALMOE UNIVERSITY)	Sweden	398,400	7.99	199,200	7.99
9	BREPARK GmbH	Germany	260,400	5.22	130,200	5.22
10	DIMOS ATHINAION EPICHEIRISI MICHANOGRAFISIS	Greece	316,500	6.35	158,250	6.35
11	COMUNE DI GENOVA	Italy	371,100	7.45	185,550	7.45
12	Câmara Municipal de Palmela	Portugal	330,800	6.64	165,400	6.64
	Total		4,984,040	100%	2,492,020	100%

Abstract :

The objective of PERIPHERIA is to deploy convergent Future Internet (FI) platforms and services for the promotion of sustainable lifestyles in and across emergent networks of "smart" peripheral cities in Europe, dynamic realities with a specific vocation for green creativity. Its Open Service Convergence Platform, an "Internet by and for the People", extends and enhances the Save Energy project's Social Information Architecture, integrating key new components – sensor networks, real time 3D and mobile location-based services – with the FI paradigms of Internet of Things (IoT), Internet of Services (IoS) and Internet of People (IoP). PERIPHERIA develops the Living Lab premise of shifting technology R&D out of the laboratory and into the real world in a systemic blend of technological with social innovation. It defines five archetypical "Arenas" – specific urban settings or innovation playgrounds, with defined social features and infrastructure requirements – as the spaces where co-design and service integration processes unfold: - Smart Neighbourhood: where media-based social interaction occurs - Smart Street: where new transportation behaviours develop - Smart Square: where civic decisions are taken - Smart Museum and Park: where natural and cultural heritage feed learning - Smart City Hall: where mobile e-government services are delivered. Pilot projects in the five PERIPHERIA Partner Cities - Malmø (SE), Bremen (DE), Athens (GR), Genoa (IT) and Palmela (PT) – use Serious Games to stimulate social interaction of "people in places", cross-city linking of Arenas and discovery-driven platform convergence. Transfer scenarios developed with the six Sponsoring Partner cities validate up-scalability and the emergent Network of Peripheral Smart Cities. Impact assessment, exploitation planning and widespread dissemination making extensive use of web 2.0 approaches, all aim to assure the viral uptake

and long-term sustainability of PERIPHERIA platforms and services.

Evaluation :

1.Relevance (<i>Threshold 3.0/5 ; Weight 1.00</i>)	Mark:
<p>The PERIPHERIA proposal properly addresses the issue of piloting innovative RFID technologies and shows the benefits of the Internet of Things for societal services. It is fully aligned with the general and specific objectives of the call as it covers the user driven open innovation ecosystems, cross border network of smart cities (initially five then potentially another six) and innovative internet based services. It aims to scale up technical solutions emerging from previous initiatives and focus on socio-technical innovation within and among cities.</p> <p>The proposal is fully in line with EU policies, strategies and activities. In particular with the EC Europe 2020 strategy of May 2010, with the i2020 initiative, DG INFSO policies on user-driven open innovation, the 'Territorial Agenda' adopted at the Leipzig 2007 EU Ministerial meeting, the URBACT programme, as well as specific policies and strategies in the piloting countries: Portugal, Italy, Greece, Germany and Sweden.</p> <p>The technical solution proposed to build the basis of the smart cities federation is solid and mature. The proposal develops and enhances the results of previous projects and initiatives, although the description of the semantic integration of components for enabling innovative internet services lacks clarity. Cloud computing will be used for packaging and making all the services available for use and further co-creation, although the mechanism is not fully explained.</p>	4.50
2.Impact (<i>Threshold 3.0/5 ; Weight 1.00</i>)	Mark:
<p>By having a well-thought list of expected outcomes (p37) the PERIPHERIA proposal demonstrates that it has the potential to have an important impact at the level of the various core aspects captured by the call. The consortium will have direct involvement of several SMEs and a large number of end users in various cities and will stimulate a wave of new internet-based services and thus contribute to the evolution of the social role individual citizens can play in tomorrow's digital cities. By addressing peripheral cities that 'need to network' the proposal has selected a target area that has a strong potential to have a long term impact, although the evidence provided for this in the proposal is not clear and is open to varying interpretations.</p> <p>The project has identified a clear set of tangible and intangible assets and partner exploitation aims in its initial business and deployment plan. The SMEs involved have a strong commitment to the valorization of these assets. However, the proposal does not provide a clear exposition of successful features of previous funded work on which the pilots are based. The sustainability plan outlined lacks sufficient detail.</p> <p>The proposal presents a clear dissemination plan but the dissemination of the permanent observatory is not clearly described. The consortium has proposed a number of tasks to ensure the wider deployment and uptake of its resources, which are articulated at various levels from the more traditional outlets. The strategy of taking a demand-driven approach centred around four main SMART services linked to the broad audience in various ways has the potential to reach many thousands of users.</p>	3.50
3.Implementation (<i>Threshold 3.0/5 ; Weight 1.00</i>)	Mark:
<p>The consortium is a well formed and balanced group of committed players that brings together the expertise largely required to successfully achieve the stated project's objectives. However, the competencies regarding business models, market analysis and participatory facilitation skills appear to be scattered between partners, with no clear evidence between the experiences of partners and tasks.</p> <p>The workplan is well structured with a clear definition of roles and tasks for each partner. The project management strategy and approach are clearly described. There are strong connections between work packages, allowing feedback between the expressions of need, technical solutions and the capabilities to the end user to shape the services. The schedule is clear with a full description of the deliverables and time scales. However, the proposal does not adequately describe specific user centric methods and drivers for involving the users.</p> <p>The estimated resources needed within the various work packages by partners is well distributed and appropriate to the efforts expected to be carried out. However, the proposal lacks an adequate description of resource allocation between workpackages particularly with reference to WP4 and WP5 (which represent about 50% of the overall allocation.)</p> <p>The indicators are specific and largely appropriate, particularly with regard to the technical indicators. Considering</p>	3.00




the very substantial EC investment, and the optimistic intentions of the consortium, the indicators relating to user participation in the first pilot phase (5 to 30) and in the wider pilot phase are very low (500 to 1500). Although the proposal addresses important cross cultural and social aspects, with pilots and use case scenarios in different EU countries, it is not clear whether indicators such as the number and quality of cross cultural adaptations, acceptance, commonly agreed rules and methods are included.

The proposal clearly describes how issues related to security, privacy, inclusiveness and accessibility as well as the appropriate use of interoperable platforms or standards will be addressed. However, it lacks sufficient detail of issues such as open technical specifications and the use of proprietary tools, solutions and pre-existing knowledge protected by IPR.

4. Remarks (Threshold 9.0/15)

TOTAL:

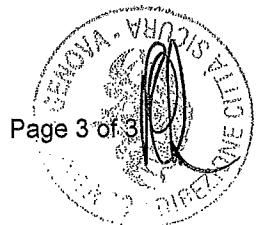
The consortium should be asked the nature of the equipment to be acquired and to justify expenditure in this category
Inter-working and collaboration between all pilot projects within the Objective 4.1 project portfolio should be insisted on, with reference to the call text regarding a joint working group to exploit synergies and to disseminate their experiences.

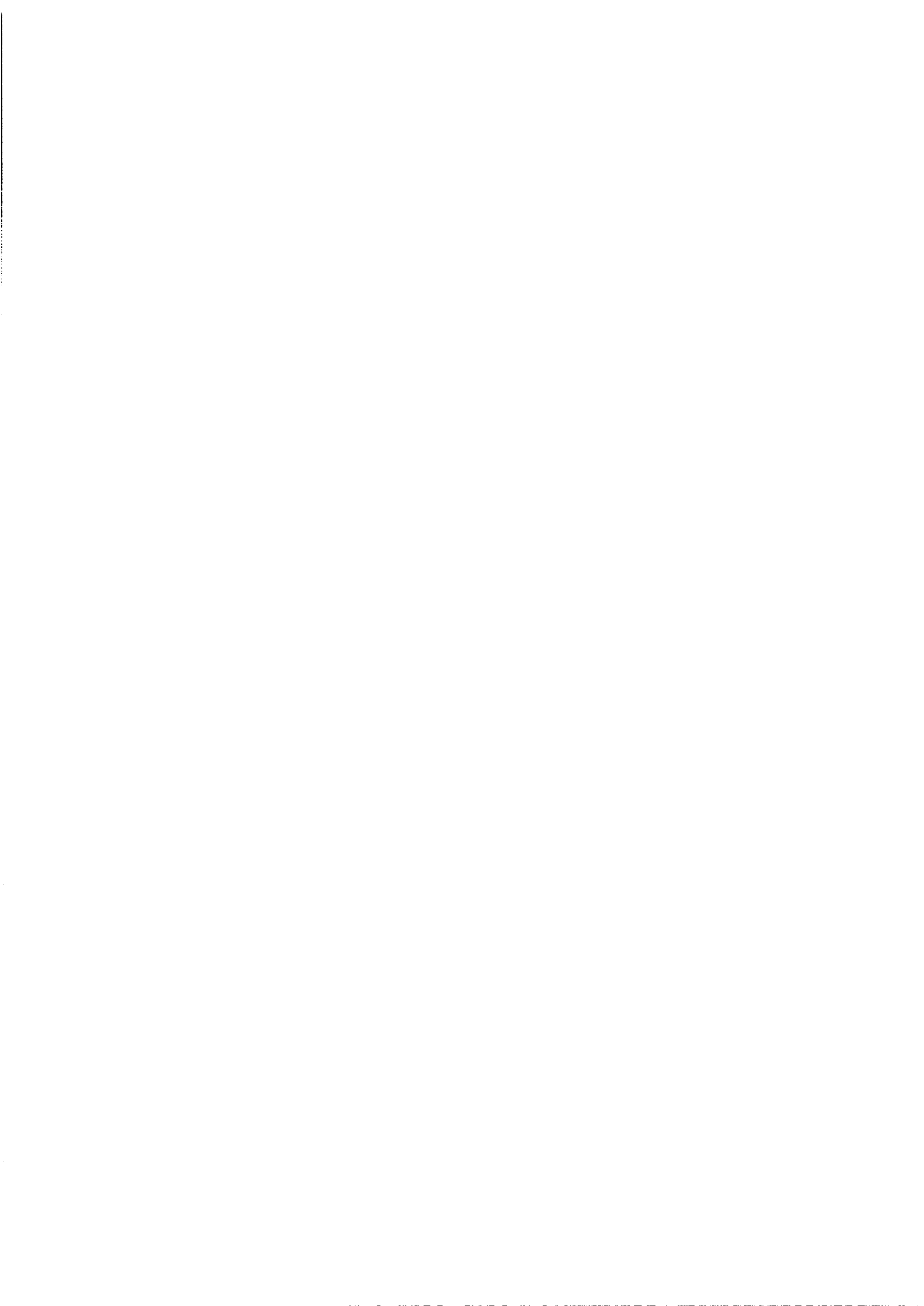
11.00

Does this proposal have ethical issues that need further attention? (If yes, please complete an ethical issues report form (EIR))

N

- For each criterion under examination, score values indicate the following assessments. Half point scores may be given :
- 0- The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information
 - 1- **Poor.** The criterion is addressed in an inadequate manner, or there are serious inherent weaknesses.
 - 2- **Fair.** While the proposal broadly addresses the criterion, there are significant weaknesses.
 - 3- **Good.** The proposal addresses the criterion well, although improvements would be necessary.
 - 4- **Very Good.** The proposal addresses the criterion very well, although certain improvements are still possible.
 - 5- **Excellent.** The proposal successfully addresses all relevant aspects of the criterion in question. Any shortcomings are minor.







COMUNE DI GENOVA

b) La presente proposta di deliberazione comporta una modifica delle previsioni di entrata o di spesa del bilancio di previsione annuale, pluriennale o degli esercizi futuri?

X SI

NO

Nel caso in cui si sia risposto in modo affermativo alla precedente domanda b) compilare il prospetto seguente:

Anno di esercizio	Capitolo	Centro di Costo	Previsione assestata	Nuova Previsione	Differenza +/-
2011	14548	150	0	178.698,00	+ 178.698,00 185.550,00
2011	15030	150	0	178.698,00	+ 178.698,00 185.550,00

c) La presente proposta di deliberazione comporta una modifica dei cespiti inventariati?

SI

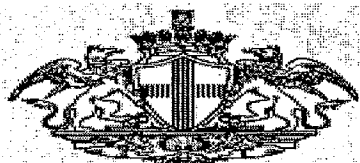
X NO

Nel caso in cui si sia risposto in modo affermativo alla precedente domanda c) compilare il prospetto seguente:

Tipo inventario	Categoria inventariale	Descrizione cespiti	Valore ammortizzato attuale	Valore ammortizzato post delibera

Osservazioni del dirigente proponente:

IL DIRETTORE CITTA' SICURA
Dott. Pierpaolo Cha



COMUNE DI GENOVA

**E' parte integrante della seguente proposta di Deliberazione
n. 00023/2011 del 26.01.2011 cod. uff. 135**

**OGGETTO: ADESIONE DEL COMUNE DI GENOVA AL PROGETTO
"PHERIPHERIA" NELL'AMBITO DEL PROGRAMMA
EUROPEO PER LA COMPETITIVITA' E L'INNOVAZIONE
2007-2013 "ICT POLICY SUPPORT PROGRAMME"**

PARERE TECNICO (Art. 49 C. 1 D.Lgs. 267/2000)	
Ai sensi dell'art. 49 - comma 1 - T.U. D.lgs 18 agosto 2000 n. 267 si esprime parere tecnico favorevole	
Data: 26/01/2011	IL DIRETTORE (Dr. Pierpaolo Chai)
ATTESTAZIONE COPERTURA FINANZIARIA (Art. 153 C. 5 D.Lgs. 267/2000)	
Si rinvia ai successivi atti.	
Data Genova, 8 febbraio 2011	IL DIRETTORE Dr. MAGDA MARCHESE IL DIRETTORE RISORSE FINANZIARIE
PARERE REGOLARITA' CONTABILE (Art. 49 C.1 D.Lgs 267/2000)	
Vista la Circolare dell'1.10.97 n. F.L. 25/97 del Ministero dell'Interno, si esprime parere favorevole ai fini della regolarità contabile tenuto conto dell'allegato al parere tecnico.	
Data 08/02/2011	 IL DIRIGENTE DI RAGIONERIA IL VICE SEGRETARIO GENERALE
PARERE DI LEGITTIMITA' DEL SEGRETARIO GENERALE (Provvedimento Sindaco 300/2007)	
Visto esprimo parere favorevole sulla legittimità	IL SEGRETARIO GENERALE
Data 8/2/2011 Genova	 IL SEGRETARIO GENERALE
IL VICE SEGRETARIO GENERALE (D.ssa Vanda Puglisi)	

