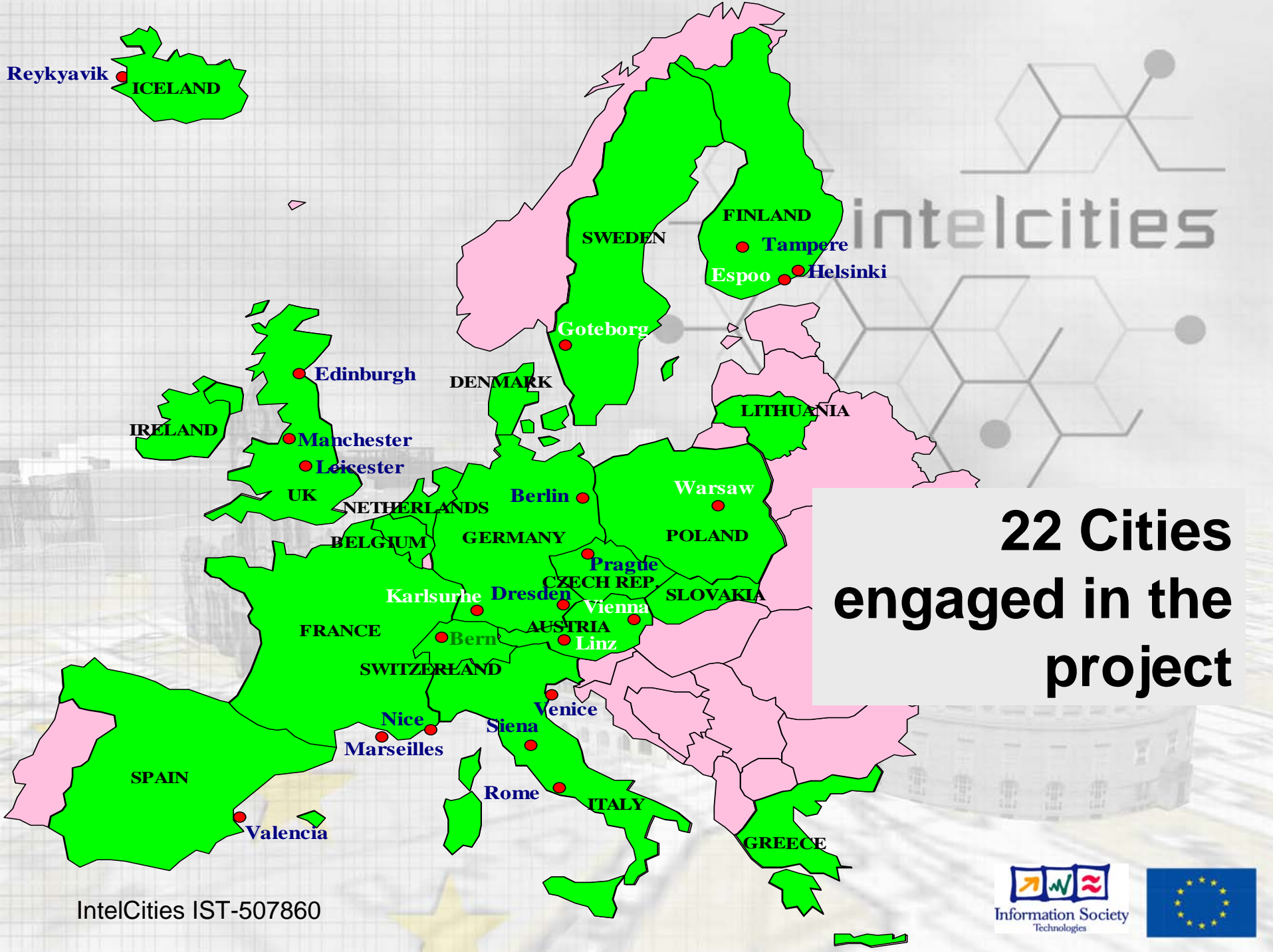




IntelCities: Intelligent Cities

**Telecities Conference
Prague**

October 2005



intelcities

**22 Cities
engaged in the
project**

The Strategic Vision for Intelligent Cities



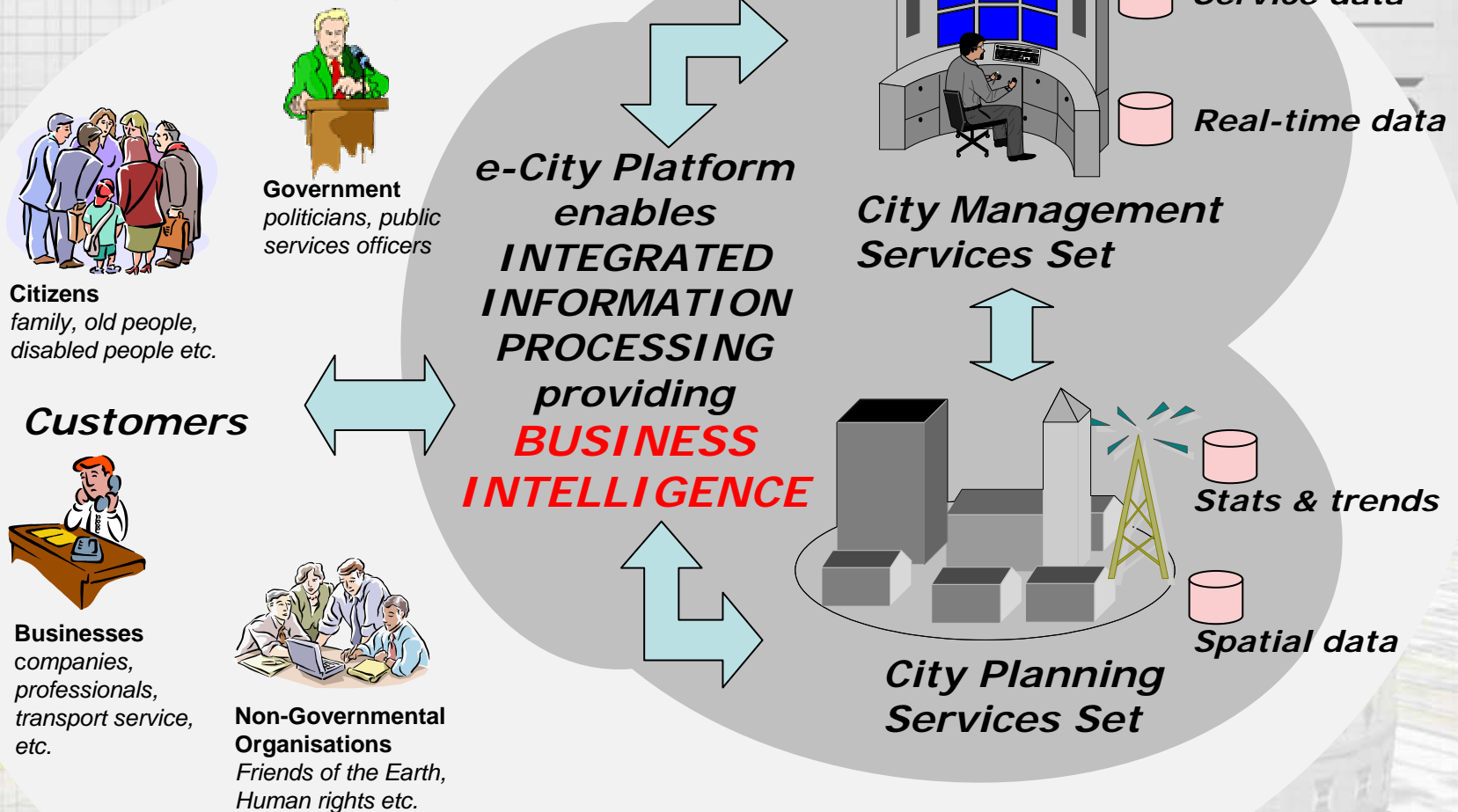
- Cities need to be more competitive, inclusive and sustainable in order to be successful
- Cities need to transform the way they deliver public services, improve the quality of these services and engage more effectively with citizens and businesses
- Cities need to enhance and integrate their services more effectively with new and innovative eGovernment solutions
- Intelligent cities need intelligent neighbourhoods with citizens and businesses having the motivation and skills to play a fuller part in the information society and the knowledge economy
- Intelligent cities need intelligent administrations which can facilitate more efficient and inclusive day to day management and longer term planning of cities
- Intelligent cities need intelligent partnerships which engage decision-makers (politicians and managers), citizens and businesses

Where cities are today



- Most cities have large investments in technology to manage and deliver services (legacy)
- Lack of confidence in existing commercial applications - examples of market failure in delivery of e-gov. systems
- E-government is as much about using technology to manage back office processes as it is about public facing services
- Some 'city services' are between one part of the city administration to another or to another public body (e.g. central or regional government) - so happen without touching the public interface
- The common thread is data – most of which is 'owned' by the city, or other public bodies that is contributing in some way to the service being delivered
- Cities are increasingly dynamic environments where new decision-making and delivery structures and processes are being developed to respond to the accelerating pace of change in urban environments (ranging from PPPs to social economy enterprises)

e-City Vision for enhanced governance



Intelcities will create and integrate a set of innovative, e-government services that will improve the management and planning of cities through *business intelligence*, leading to higher quality, more sustainable urban environments, delivered via the e-city platform



Where cities want to be in the future



- Making real progress in managing change through incremental, non-disruptive adoption of new and innovative eGovernment solutions which maximise the benefits of previous investment
- Developing their own expertise in managing these solutions to minimise the risks from market failure and develop more collaborative solutions to share risks and costs
- Providing new pathways between the needs of local citizens and businesses and the opportunities created by the information society and knowledge economy
- Thinking globally but acting locally by being able to use flexible and adaptable approaches in delivering services to meet local needs
- Developing innovative solutions that reflect market realities through new forms of partnerships, by being more entrepreneurial themselves and more confident in exploiting their own assets

Intelcities: exploiting the outcomes and assets



Using the eCity Platform to integrate and enhance service provision through improved business intelligence:

- making services more accessible, faster and cost-effective
- providing an integration framework for multi-service access (e.g. one authentication for all services)
- delivering cross-agency and cross-border services (e.g. legacy and third party services)
- ensuring greater interoperability through a common and open framework to support service innovation to meet new and complex needs

European Shared development

European cities can share their developments because their services will be compatible thanks to the e-City Platform.



Marseille



Develop a new service



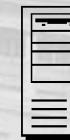
e-Administration (WP1)
- Training programme
- Employment



Siena

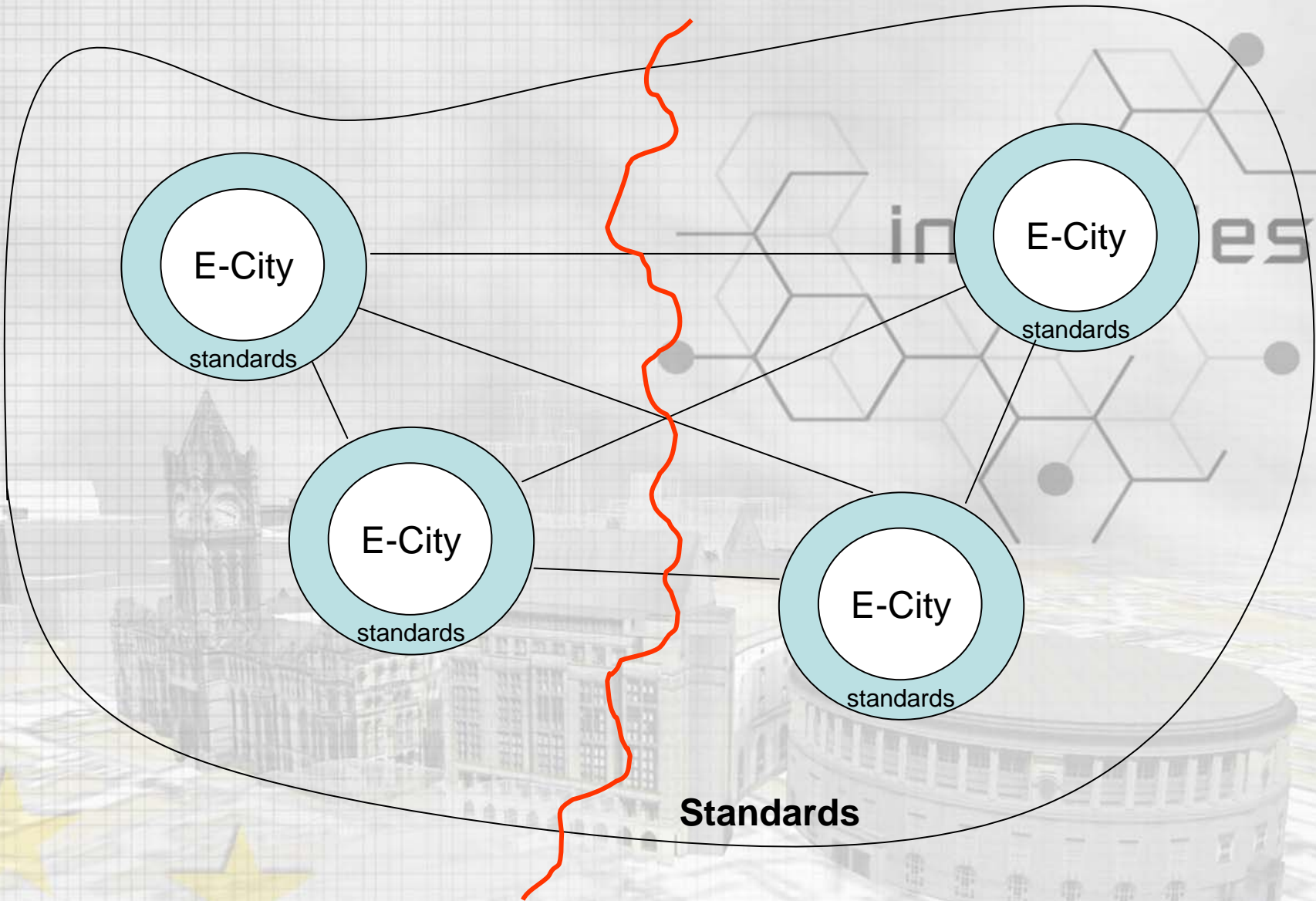


Develop a new service



e-Inclusion (WP2a)
- Tele-assistance
- Procedure Monitoring





European Interoperability Framework Compliance

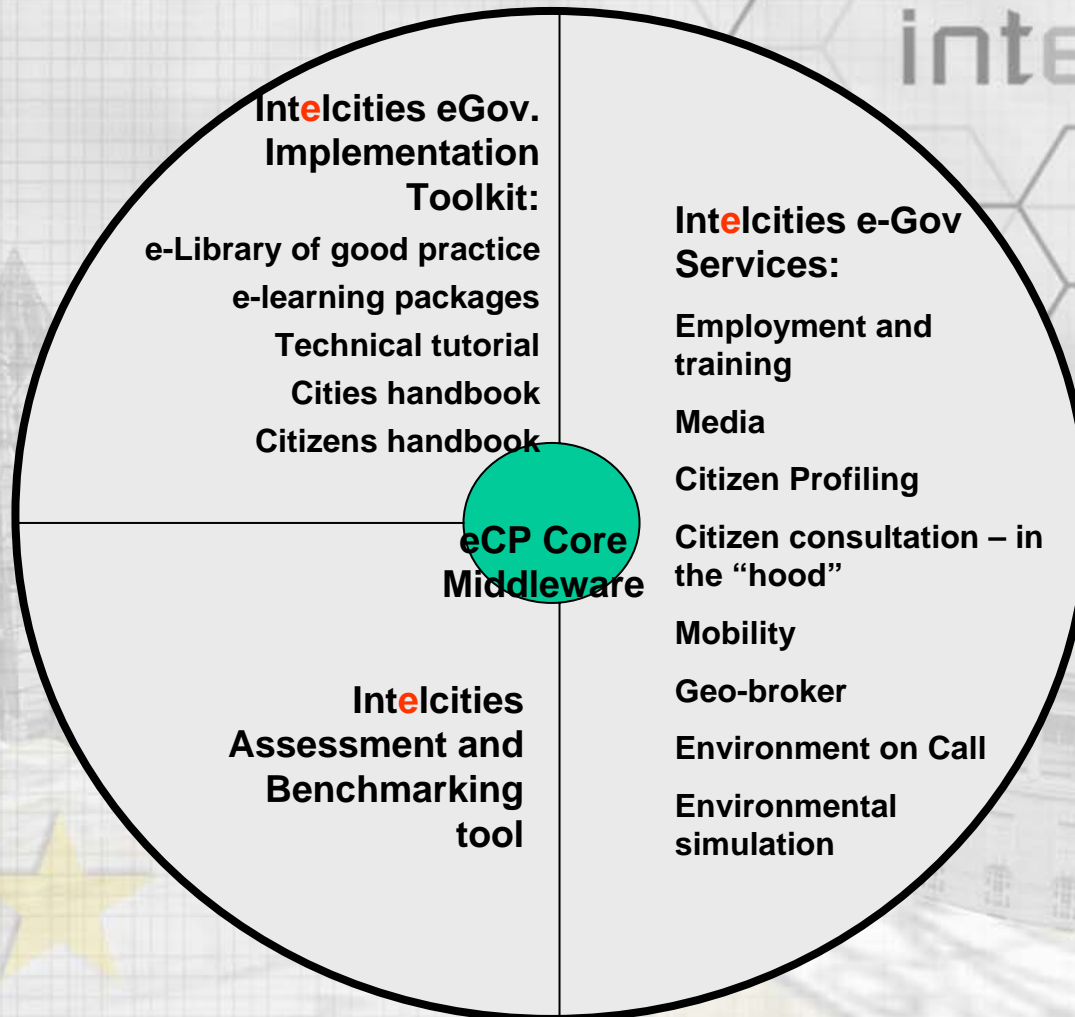
Added value – meeting new service needs:



- **Employment and skills search:** job offer and training opportunities spatially located - enabling all EU citizens to access jobs and related services, e.g. housing, child care, transportation and mobility requirements, in any city
- **Business relocation or start-up:** enabling EU businesses to find optimum locations in terms of accommodation, market, skill needs and logistics
- **Real-time city transport mobility management:** linking public transport, emergency services, traffic and events information – enabling journey optimisation across city, between cities in conurbations and across borders
- **Citizen engagement:** providing enhanced access to decision-makers and input about the impacts of planning and regeneration proposals
- **Social inclusion and innovation:** providing an organisational base for testing out new social models, e.g. “e-moderators”, e-community networks and social economy enterprises developing applications and services

Intelcities Products

intelcities



Profiling Service



MINN GARÐABÆR

Minn Garðabær

Mál

Umsóknir

Umræður

Kannanir

Samráð

Hjálp

Um vefinn



→ Minn Garðabær / Mínar stillingar /

Góðan daginn

Guðjón Snær Steindórsson

Mín skráning | Útskráning

Hvernig á að...

- fylla út umsókn
- senda erindi
- senda fyrirspurn
- taka þátt í umræðu
- taka þátt í könnun
- taka þátt í samráði

Mínir tenglar

- Garðaskóli
- Hofsstaðaskóli
- Garðabær

Mínar stillingar

Nafn: Guðjón Snær Steindórsson
Netfang:
GSM númer:
Símanúmer:
Tapað lykilorð sendist:
Mitt litaval:

Áhugasvið:

í boði

Annað
Bæjarból
Barnaskóli Hjallastefnunar
Félagsstarf aldraðra
Hæðarból
Kirkjuból

Mitt val

Flataskóli
Ásar

Mínir tenglar:

í boði

Bókasafn Garðabæjar
Félagsstarf aldraðra í Garðabæ
Fjölbrautaskólinn í Garðabæ
Flataskóli
Garðalundur
Golfklúbbur Kópavogs og Garðabæja

Mitt val

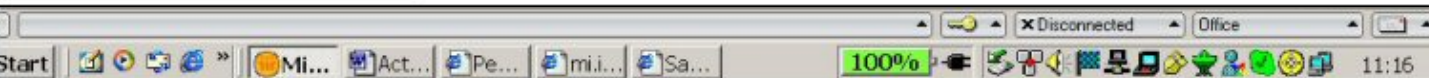
Garðaskóli
Hofsstaðaskóli

Myndin mín:

Browse...

Select you profile

- make queries
- start discussion



IntelCities IST-507860





Employment and Training

Bienvenue sur le site Emploi / Formation de la ville de Marseille

Que recherchez vous ?

Emploi



Formation



[1 - Retour a la recherche](#) [2 - Liste des offres sélectionnées](#)

Liste des offres sélectionnées

Formation	Offre	Lieu de travail	Référence de l'offre	Date d'émission
	Chaudronnier - Soudeur TIG---	Allemagne (Dresde)	1789	
	chaudronniers, serruriers, soudeurs, mécaniciens	Allemagne (Dresde)	1560	
	Opérateur pliage, 1 métallier, 1 soudeur	Allemagne (Dresde)	1101	
	Chaudronniers, soudeurs, mécaniciens	Allemagne (Dresde)	896	





Welcome,
Mr. **John Smith**

- [Home](#)
- [My Profile](#)
- [Log out](#)

> **Job Offers** > **Job 1560** > **Training 11040** > **Video**

Video presenting the training program.

Video showing welder training at e-Topia training centre. The course for beginner is based on CS WAVE (Welder Apprentice Virtual Environment) platform. Duration : 2 weeks (retraining) to 10 weeks (complete training).



Media Service



Contact: [Webmaster](#)
© 2004-2005 IntelCities (FP6-507860)




Parking Information Service

INTELCITIES - Microsoft Internet Explorer

Indirizzo: <http://www.ais.fraunhofer.de/intelcities/parken.html>

Parking info



Area - Downtown	Capacity	Not used		
La Storta	930	93	●	🔍
Montebello	430	107	▲	🔍
Fontana Candida	290	85	▼	🔍
Borghesian	200	99	▲	🔍
Ostia Lido Nord	970	377	▼	🔍
Finocchio	180	54	▼	🔍
Centro Carni	150	58	▲	🔍
Osteria del Curato	230	0	●	🔍
Magliana	575	126	▼	🔍
Via Taranto	355	300	▲	🔍


INTELCITIES


<http://www.ais.fraunhofer.de/intelcities/parken.html>


Neue Seite 1 - Microsoft Internet Explorer

Parking

Tel: 0667102736 - 066782996
 Fax: 0667102998
 Piazza Campitelli 7, 00186 Roma







 250 cm.

Public Park Hours: ? 24 hours
 Tariffs: ? 2,25 ?/hour.
 ? Fractions of 5 minutes
 Contracting otions: ? Per hours
 ? Renting
 Capacity: 930
 N? of car spaces: 339

[Book Online Now](#)



Welcome,
Mr. John Smith

- Home
- My Profile
- Log out

Pollution Service

> Job Offers > Job 1560 > Map Location > Proposal

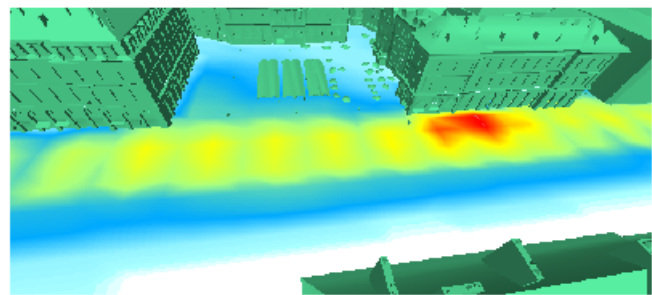
Redevelopment proposal around the job offer location.

This is the redevelopment proposal for the **"Einstein strass"** in **Dresden**

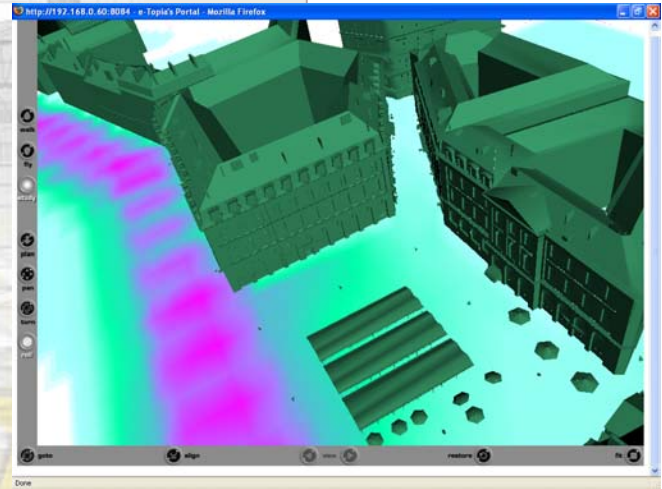
Simulations presenting the redevelopment proposal.

Name	Date
PollutionSimulation	11 mai 2005
PollutionSimulation	12 mai 2005

PollutionSimulation created at 11 mai 2005



Simulation using MithraPol
Road type : street
Pollutant : NOX
Traffic :
Lights vehicles per hour = 200
Heavy vehicles per hour = 20
2 wheels vehicles per hour = 30
Wind :
U = 0 m.s-1





EU

benchmarking environment...

■ THEMATIC GROUPS

Section 1

■ INDICATORS

1. DEMO - Percentage of individuals regularly using Internet

- Percentage of individuals using Internet through PC
- Percentage of individuals using Internet through laptop
- Percentage of individuals using Internet through PDA
- Percentage of individuals using Internet through mobile
- Percentage of individuals using Internet through digital TV
- Percentage of individuals using Internet through Mobile 3G
- Percentage of individuals using Internet at workplace
- Percentage of individuals using Internet at education place
- Percentage of individuals using Internet at home
- Percentage of individuals using Internet at library

[Reset](#) [Save & Exit](#)[Logout](#) | [Intelcities.com](#) | [Top](#)

e-Library module demonstration

Annotated Document captured from INTEL CITIES e-Library



Annotation Explorer - Mozilla Firefox

My Edinburgh - Document Annotations:

MyEdinburgh, Community Learning and Citizen Participation: Benchmarking the online [Service Development](#).

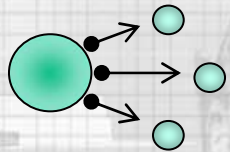
1. Introduction Launched in **2003**, myEdinburgh.org was designed to improve citizens' awareness of, and access to, local learning opportunities in addition to boosting **ICT** familiarity and competency across the city. [Edinburgh's](#) online learning portal and Community [Grid](#) for Learning is highlighted by [WPS](#) [[?Analysis and Review of Current Practices and Legacy Systems of Web Portals?](#)] as an example of current best practice and can be analysed both in terms of present functionality and its relevance to the proposed e-City prototype. The following discussion considers the local and national strategic plans underpinning myEdinburgh.org, the delivery of aims and objectives and the functions and capabilities of the portal. **2.** Summary of central and local **ICT**-related policies in [Edinburgh Figure 1](#): Timeline summary of strategic planning and **ICT** developments in [Edinburgh](#). [Edinburgh's](#) information portal and Community [Grid](#) for Learning, myEdinburgh.org, was developed in response to both local and national policies and recommendations relating to community learning and digital inclusion (summarised in [Fig.1](#)). In **1999**, the [Scottish Office](#) published Community Learning Circular No. **4/99** which set out priorities for future community learning strategic thinking. The paper specified that all local councils were to produce a generic Community Learning Strategy and a series of localized Community Learning Plans. The [City of Edinburgh](#) Council responded by establishing the [Community Learning Implementation Group \(CLIG\)](#) in **2000**: a partnership comprising public, private, voluntary and community organizations. In **2001**, [CLIG](#) published [New Directions](#), a generic Community Learning Strategy for [Edinburgh](#) which listed a key aim as, 'active citizenship' increased use of [Information and Communication Technology](#) in local communities. **Two** other key **ICT** strategic documents were published in **2001**. In [March](#), the [City of Edinburgh](#) Council launched [Delivering the Smart City: A 21st Century Government Action Plan](#) which stated, 'Key to the success of the [Smart City](#) will be the development of a 'city portal' which will provide a single port of entry or gateway to all relevant services and information.' This action plan was followed in [September](#) by the Scottish Executive's national plan, [Digital Inclusion: Connecting Scotland's People](#). The plan included details of [£23 million](#) lottery funding available across the [UK](#), allocated by the [New Opportunities Fund's](#) Community Access to Lifelong Learning programme plus information on the generic [National Grid for Learning](#) scheme and its offshoot, the community-specific Community Grids for Learning. Following the publication of these **three** documents in **2001** [Edinburgh](#) Learning, a collaborative city-wide venture of partners from private, public, business, voluntary and community sectors, was successful in an application to the [New Opportunities Fund](#) and was awarded [£0.5 million](#) to support a Community Access to Lifelong Learning Project. This funding was used to establish CityConnect in **2002** and, consequently, myEdinburgh.org in **2003**. The [City of Edinburgh](#) Council's [Community Education Department](#) published a city-wide **ICT** plan in **2003**, which aimed to integrate national and local policies. [Figure 2](#) demonstrates the relationships between the various strategies. [Figure 2](#) The relationships between national and local **ICT** planning. * 'The [UK Government](#) is committed to achieving universal access to the Internet by **2005**' **3.** The aims and objectives of CityConnect CityConnect is the organization delivering the development and implementation of [Edinburgh's](#) e-learning portal, myEdinburgh.org. Funded by the [New Opportunities Fund \(£499,957\)](#) and [Scottish Enterprise \(£225,000\)](#), the organization's aims are congruent with the [City of Edinburgh](#) Council's thematic **ICT** Community Learning Plan and respond to specifications from local and national **ICT** strategies. The **three** key aims of CityConnect can be

Done

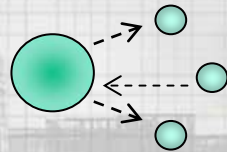
Citizen Engagement

intelcities

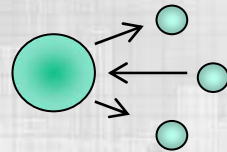
The Citizen Engagement Matrix



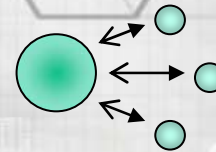
information
and
transaction



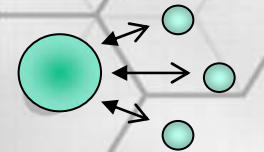
consultation



deliberative
involvement



government-
led active
participation



citizen-led
active
participation

increasing level of citizen involvement and influence on policy-making

social innovation

e-Moderators

Voluntary residents moderating the discussion in the housing company's intranet built inside the HVV-portal.

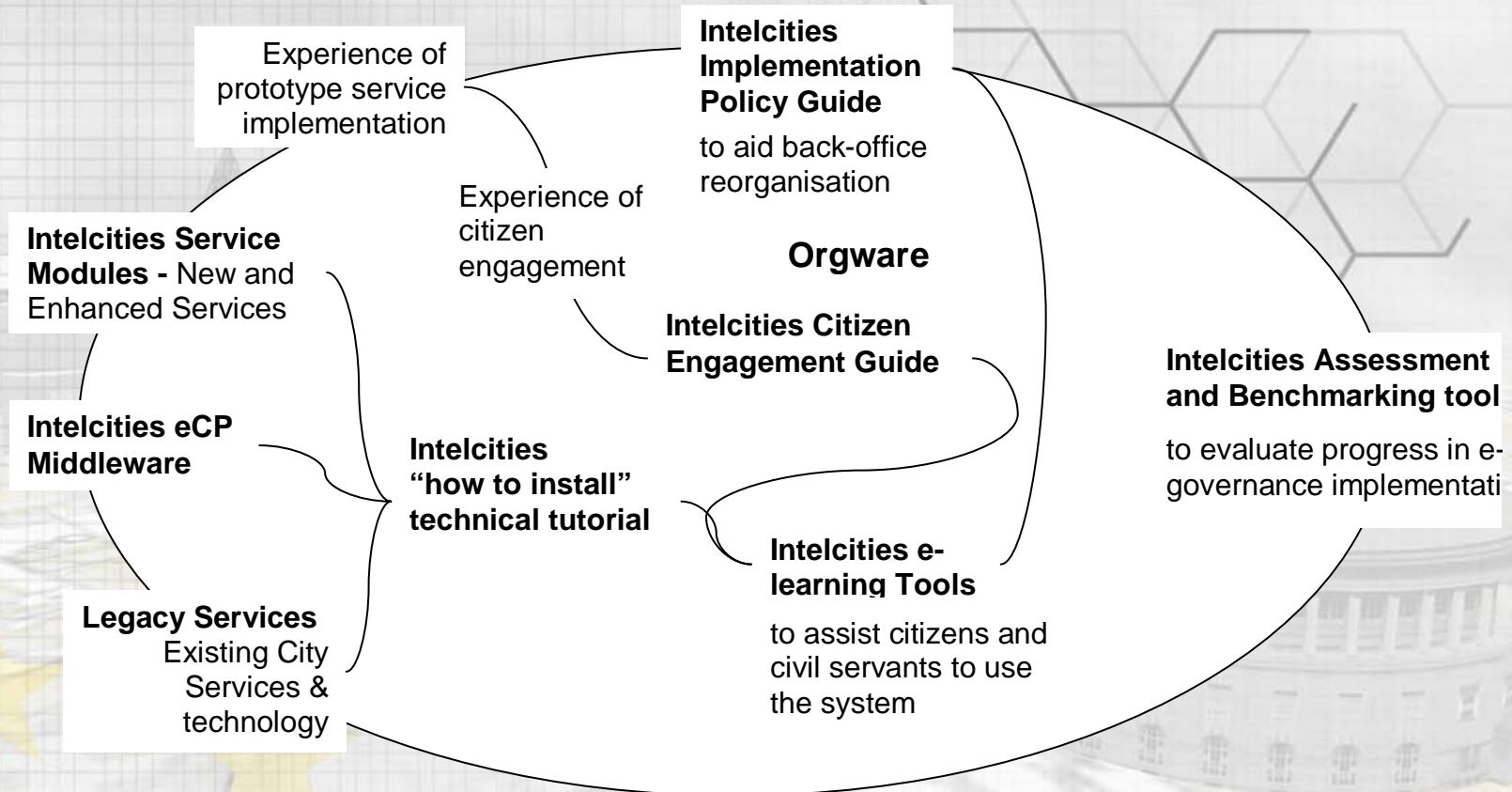
E.g. in the 'Sini' building: 1000 discussion threads on approx. 200 topics in one year among the residents.

IntelCities IST-507860



Inter-relationship of Intelcities Components

intencities



Exploiting the added value of Intelcities



- Further market validation and initial deployment in ‘real-time/real-city’ environments e.g. the “Manchester Improvement Programme”
- Trans-European market validation through the Eurocities network – the proposed “Intelcities Alliance” consortium
- Collaborative projects with key partners, e.g. Manchester and Cisco
- Potential collaborative projects in the wide market place, e.g. Google Earth – Google Maps

Summary (1): the Intelcities 'Asset Base'



- The eCity Platform offers networked interconnection and interoperability of “bundled” city services (legacy & new)
- The “How to ...” expertise of the project being used by cities for incremental non-intrusive eGov development
- The Implementation Toolkit offering shared access to the collaborative knowledge base
- New strategic management tools provided through the Assessment and Benchmarking Tool to meet the needs of decision-makers
- The proposed “IntelCities Alliance” consortium provides the potential for sharing future development costs = improved sustainability of solutions
- The results of the project are already generating longer term interest and commitment from cities at the highest level

Summary (2): Real Achievements



- The project has met the requirements outlined in the Technical Annex and, in many cases, exceeded them in spite of the constraints of a reduced contract period and reduced funding
- The eCity Platform as the required “prototype” with “a detailed specification for the development and deployment of it in cities”
- The potential for the exploitation of the project’s assets demonstrates both market-led and policy-led opportunities
- The project has generated both policy and political commitment to ongoing work, especially through the positive reaction to the proposed “IntelCities Alliance” consortium

Summary (3): Timetable for Future Action



- Briefings for city management boards and politicians (Oct. and Nov. 2005)
- Project workshops for city implementation plans (Nov. 2005 – Jan. 2006)
- Launch event for the “IntelCities Alliance” consortium at the Eurocities AGM (Lyon, November 21st 2005) with national follow up events in member states
- Dissemination programme:
 - Telecities conference, Prague, Oct. 13th/14th 2005
 - eChallenges 2005 conference, Ljubljana, Oct. 19th-21st
 - Eurocities AGM, Lyon, Nov. 21st
 - UK Government Conference on eGovernment, Manchester, Nov. 23rd
 - EU High Level Ministerial Conference on eGovernment, Manchester, Nov. 24th/25th
 - Digital Metropoles Conference, Lille, Dec. 1st 2005
 - Intelligent Cities Research Conference, Siena, Dec. 2nd 2005