



e-bourgogne



e-Bourgogne : Regional shared eGovernment Regional eProcurement platform

San Sebastian, 23 april 2008

Louis-François Fléri

AGENDA

- **General overview**
 - Burgundy territory and e-Bourgogne project
 - Vision and Strategy
 - Shared values and governance

- **eProcurement platform**
 - Actual results
 - How

- **European actions of Burgundy**
 - Procure
 - PEPPOL

AGENDA

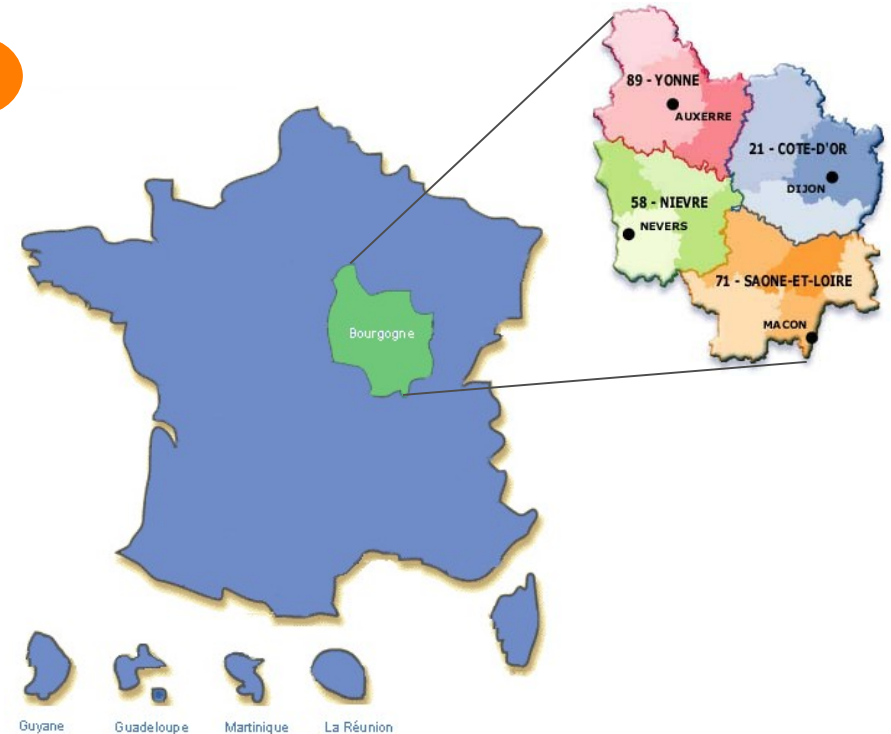
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- **The regional eProcurement platform**
 - Actual results
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- **European actions of Burgundy**

Mainly a rural territory

- **Population : 1 612 397 ⁽¹⁾**
- **Communes : 2046**
- **Départements:**
Côte d'Or, Nièvre, Saône et Loire, Yonne
- **Surface : 31 582 km²**
of which 30% is forest
- **Companies : 66 441 ⁽²⁾**
 - **Manufacturing (12%), Construction (14%), Retail (28%) et Services (45%)**
 - **10 employees and more (9%), 500 employees and more (0,05%)**



1 - estimate INSEE 2003

2 - estimate INSEE 2004

- **Project mission :**
 - Develop and run **a shared services platform** for Burgundy LA's.
 - Fully support the **change management** process.
 - Design and deploy a **comprehensive education plan** for the whole Region.

- **Partnerships :**
 - All Burgundy LA's and local legal entities (LLE's).
 - Chambers of commerce, professional branches and institutions.
 - Users associations.

Goals for Burgundy territory

- Develop **attractiveness** and **competitiveness** of Burgundy territory by **modernisation of local public services** for citizens, businesses, associations and public agents.

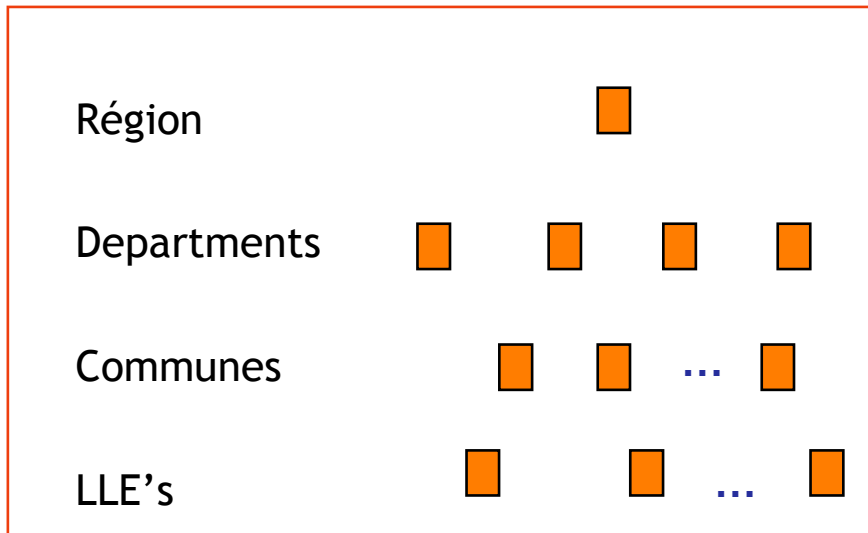
- No citizens, **no SME's, no LA's left behind** in Information Society.

- **Shared vision and values :**
 - **Solidarity and cooperation between LA's and LLE's**
 - **Citizen at the center, but customers of e-Bourgogne are LA's and LLE's**
 - **Sharing (mutualisation) of resources (infrastructures, knowledge, expertise and tools)**
 - **Self administration of each LA's - Respect local identity**
 - **Equal access and accessibility to all services**
 - **Quality and continuity of public service**

Governance Vision

Legal structure of governance

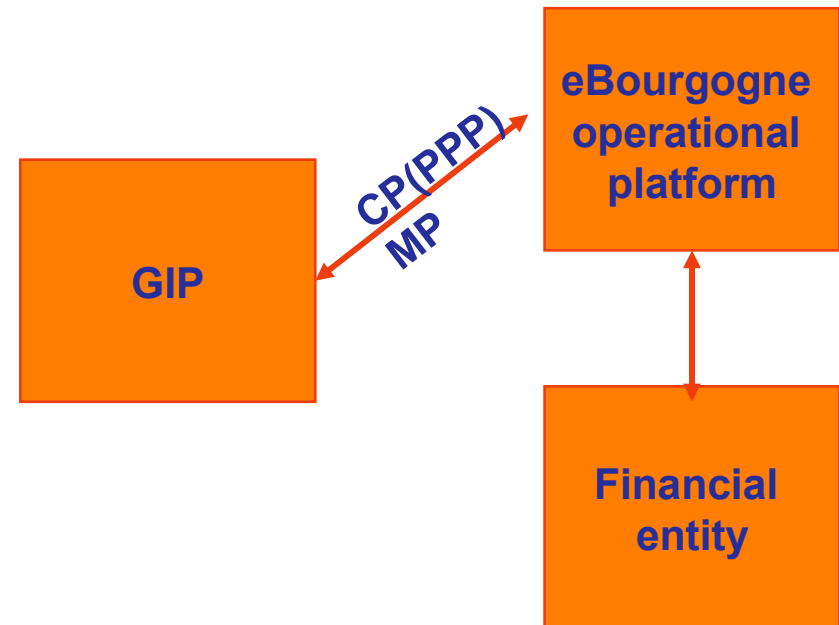
Objectives : Gouvernance of LA's and LLE's.
Mutualisation and sharing.



Public consortium (GIP)

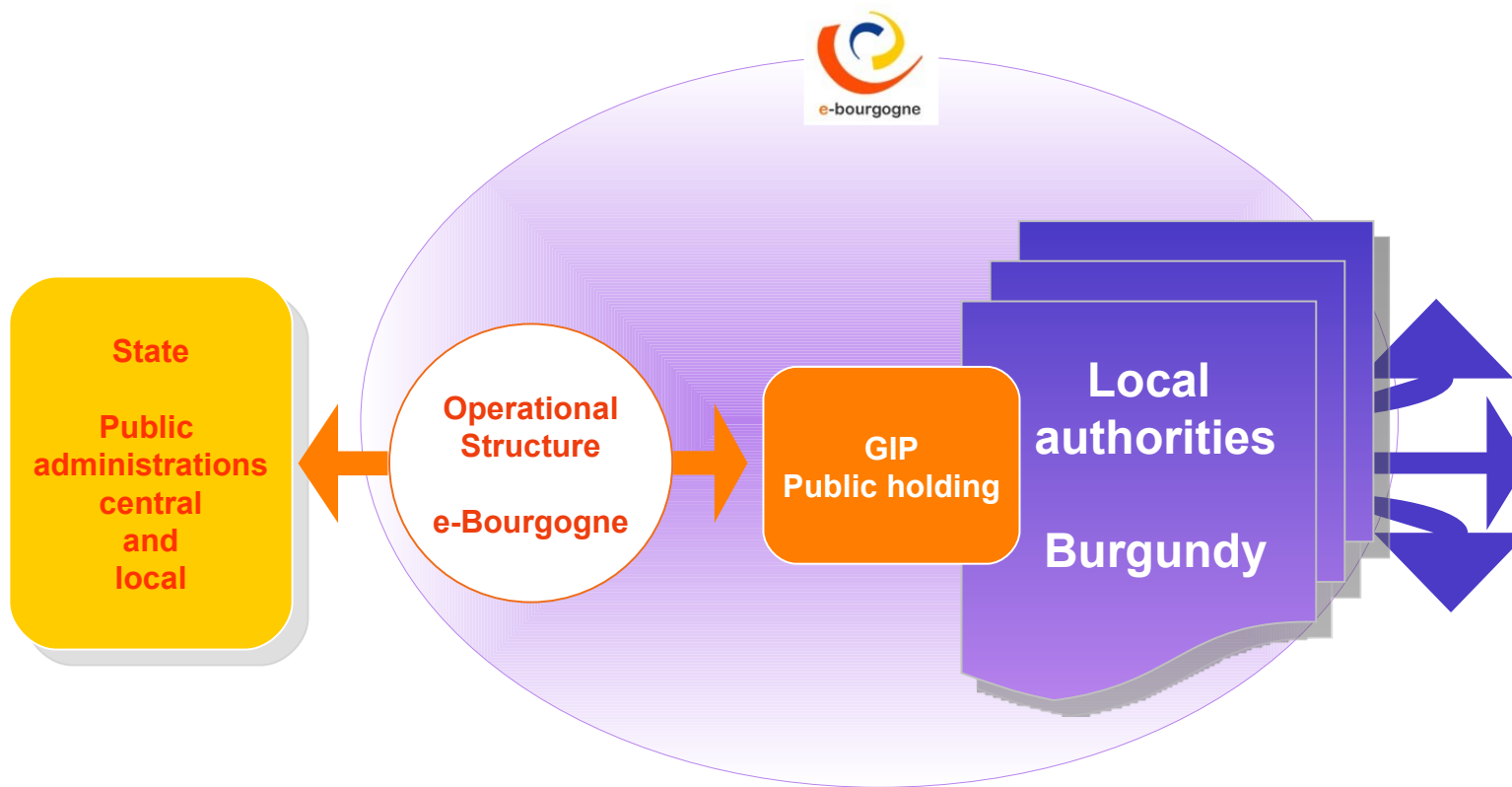
Contractual relationships with service suppliers

Objectives : respond to expectations, industrial performance, reduce costs



Options : **CP(PPP), MP**

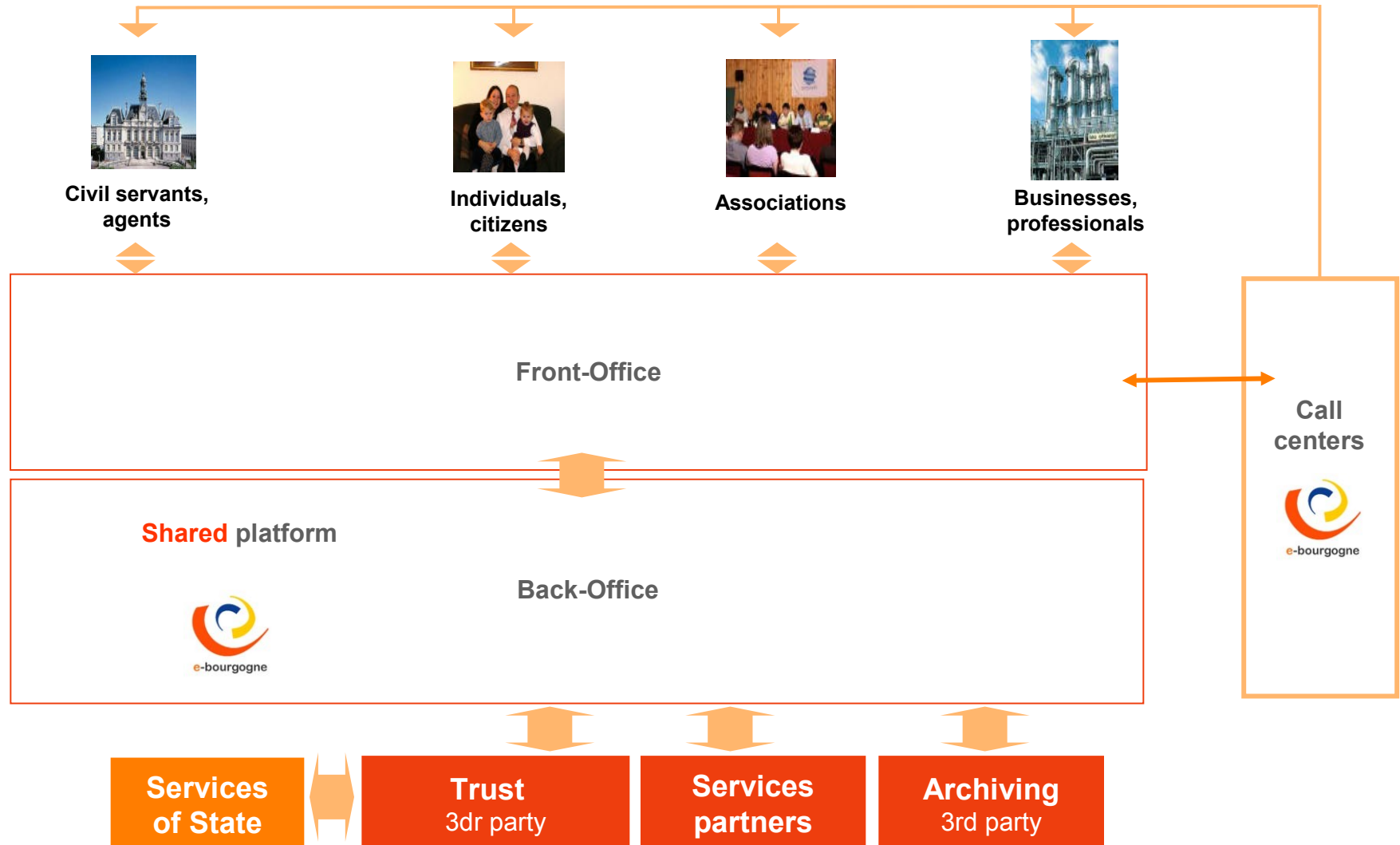
A shared platform managed by a common entity (GIP)



Goals

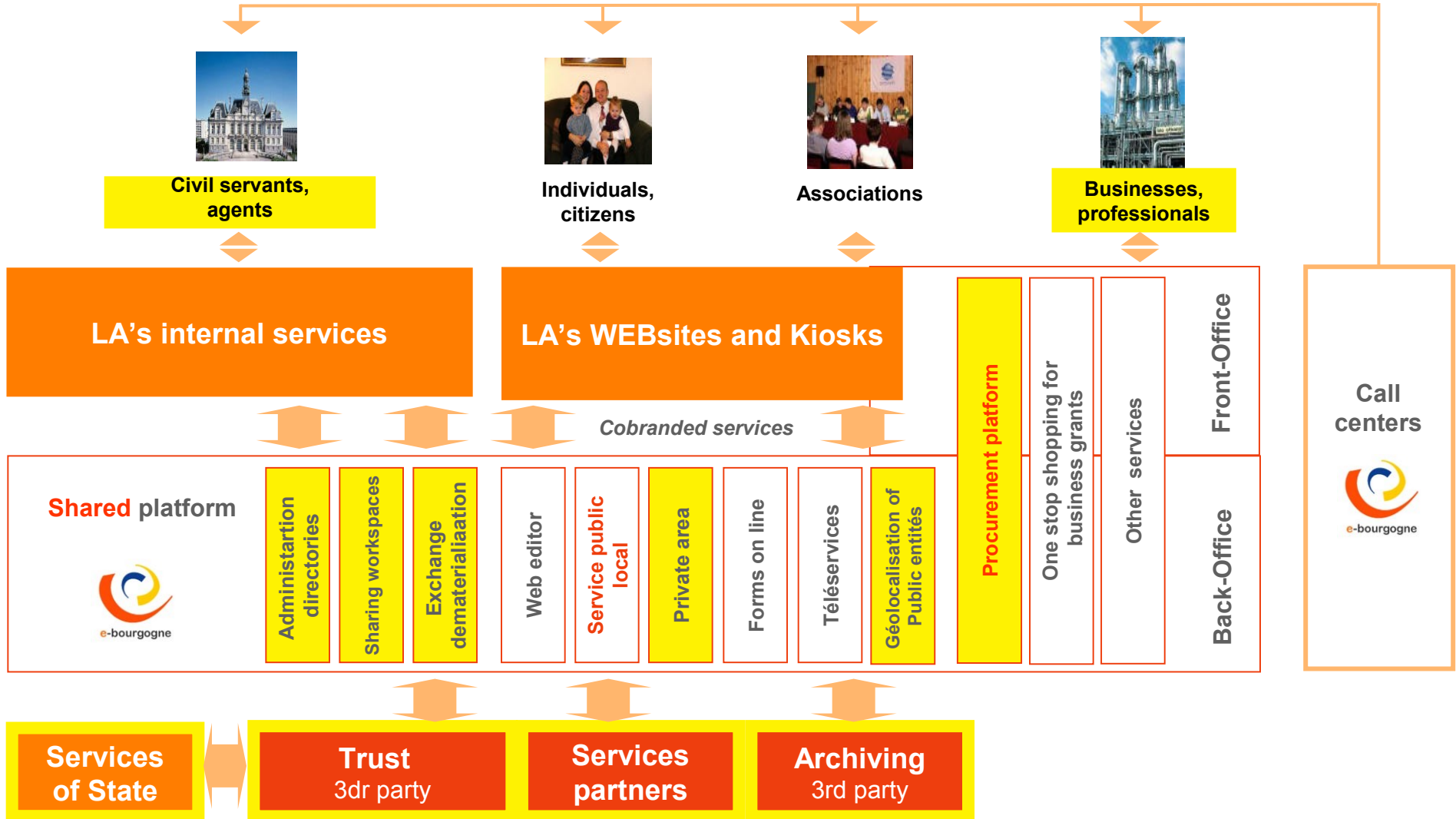
Improve relationship with State

Improve relationships with users

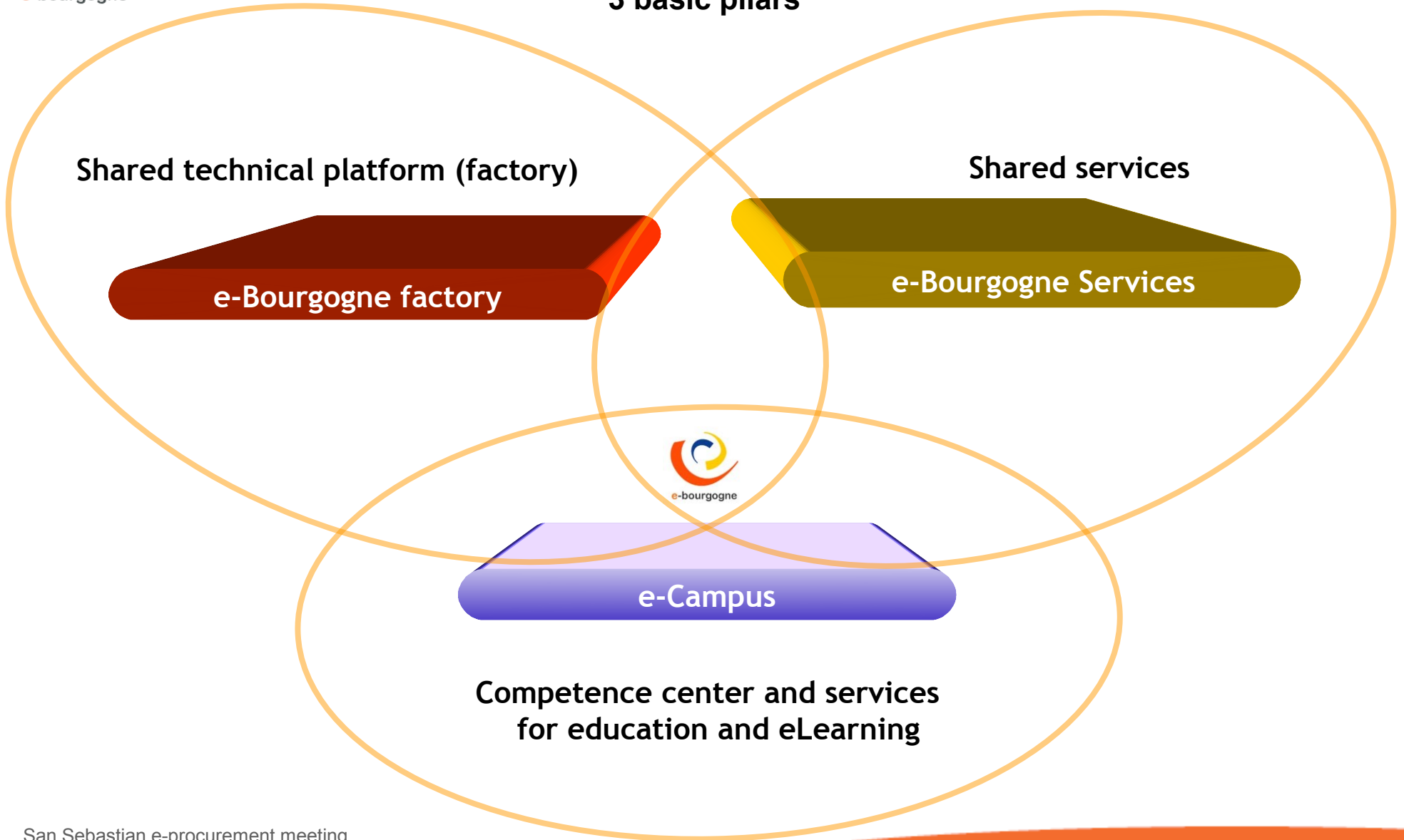


General Architecture

Technical (1)



3 basic pillars



Local authorities (LA's) and local legal entities (LLE's) : sharing is a must

	Types	Nb	Agents	Agents/LA
	Conseil régional	1	2 306	
	Conseils généraux	4	4 832	
LA's	Communes de moins de 500 habitants	1 475	4 333	3
	Communes de 500 à 999 habitants	312	2 403	8
	Communes de 1 000 à moins de 3 499 habitants	191	4 333	23
	Communes de 3 500 à moins de 9 999 habitants	46	5 180	113
	Communes de 10 000 à moins de 19 999 habitants	7	1 733	248
	Communes de plus de 20 000 habitants	9	9 854	1 095
LLE's	CCAS	-	2 302	
	Intercommunalité (CC, CA et Syndicats)	380	3 868	
	Services départementaux d'incendie (SDIS)	4	1 191	
	OPHLM	12	2 232	
	Autres établissements publics	-	704	
	Autres organismes	-	1 240	
	TOTAL Local Entities		42 542	

E-Bourgogne platform : first operational services

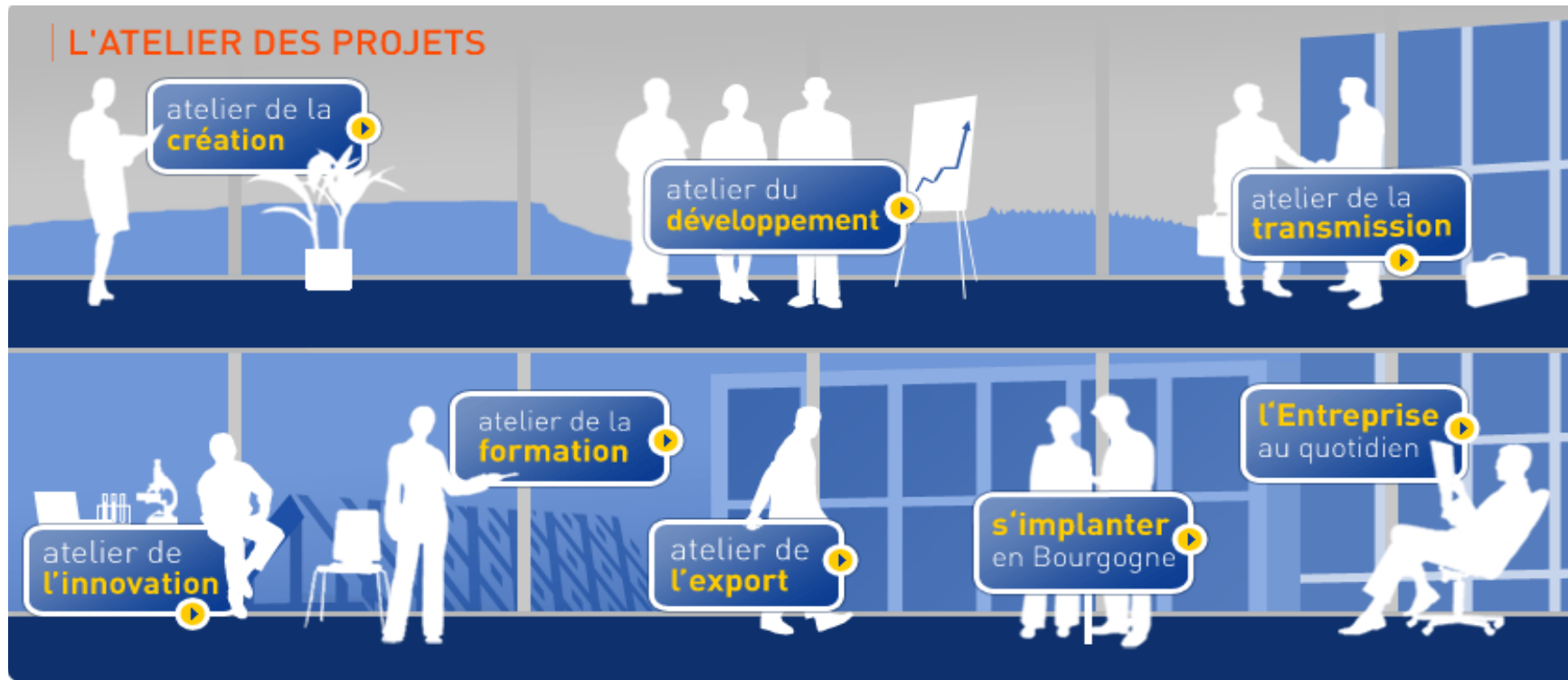
Three services aligned with dématérialisation and interoperability

- **E-Procurement platform (since January 1st 2005)**
 - A single address for all Regional public tenders.
 - A Shared workspace for all public buyers
 - A secured workspace - vault - for all businesses
 - Information services on RFP's and RFI's and alerts.

- **Single entry for enterprises financial support (since January 1st 2006)**
 - A one stop shopping
 - Transparent management of enterprises requests for grants.
 - On line monitoring of enterprises request process.
 - Information services for businesses (OSEO)

- **First eServices LA's to G (2007)**
 - Helios : dematerialisation of procurement tenders attached documents
 - Actes : dematerialisation of LA's decisions and meeting reports (legal control)

"J'entrepris en Bourgogne"



J'entreprends en Bourgogne regroupe à ce jour

500

Contacts
régionaux

450

fiches
pratiques
actualisées
par oséo

500

documents
et liens
internet

(dont déclarations
sociales en ligne,
CFE net...)

600

questions/
réponses

50

dispositifs
d'aides
régionales

Common agreement and accompaniment in the centre of the process

- **The scope of services is defined by the focus groups bringing together all the actors involved. Three groups work in the following way within the special commissions :**
 - Group of public buyers (public market place)
 - Group of economic actors (workshop of projects)
 - Group of actors involved in digitization of procurement pieces (national book-keepers, civil servants and deputies, local Chamber of accounting)
 - Other groups are being created (archivists, control of legality)

- **A permanent campaign of sensitization and of communication has been engaged in directions of the actors involved (information, deployment of the service, trainee sessions in computer use) :**
 - Trainee plan adapted to the needs of each entity (together with CNFPT)
 - Creation and set up of formation/sensitization strategies towards enterprises (jointly with CCI, CM, CA, and the sections of professional association: French Federation of Building Industry, CAPEB, CGPME)
 - A total of 3 300 days/trainee from 30/11/2004 et today for a global costs of 75 € per person

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 - eBourgogne
- eProcurement platform : www.e-bourgogne.fr
 - Actual results
 - How
- European actions of Burgundy
 - European Regions partnerships (the eTEN PROCURE project)
 - EIF e2010 alignment

1309 public entities, sharing eProcurement Regional center

- Bourgogne regional council
- Côte d'Or general council
- Nièvre general council
- Saône et Loire general council
- Nièvre general council

- Communes ranging from 0 to 500 inhabitants : 620
- Communes ranging from 501 to 1000 inhabitants : 171
- Communes ranging from 1001 to 2000 inhabitants : 87
- Communes ranging from 2001 to 10 000 inhabitants : 73
- Communes above 10 000 Habitants : 16
- Commune communities (CC, CA and syndicates) : 226

Social care centers : 3
Consular entities : 4
Grammar schools : 28
High schools : 18
Universities : 7
Hospitals : 25
Retirement institutes : 12
Social housing agencies : 8
Various (Firestations...) : 6

LAs

LLEs

Measurements (eProcurement platform) *as march 2008*

- « **Public entities** » side
 - Since January 1st 2005, about **21 000** on line RFP's :
 - 1/3 formal RFP's
 - 2/3 under the european threeshold
 - Average inventory of on line inquiries is **600**.
 - **930** LA's are using the eProcurement platform.

> 8 millions of sheets of papers saved, which represents 1,5 ha de forest

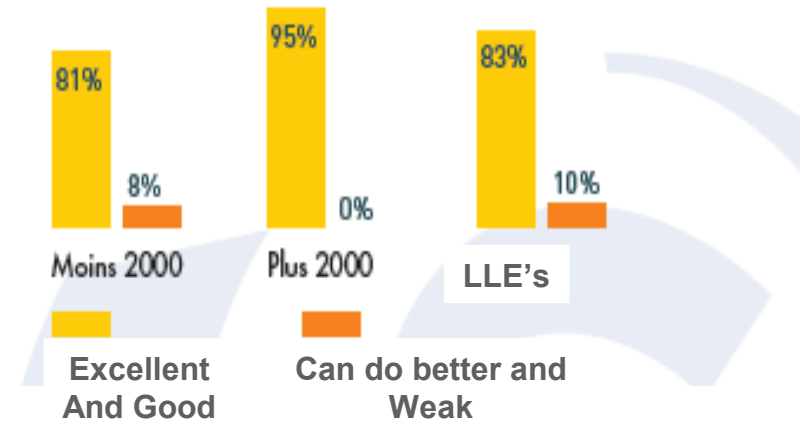
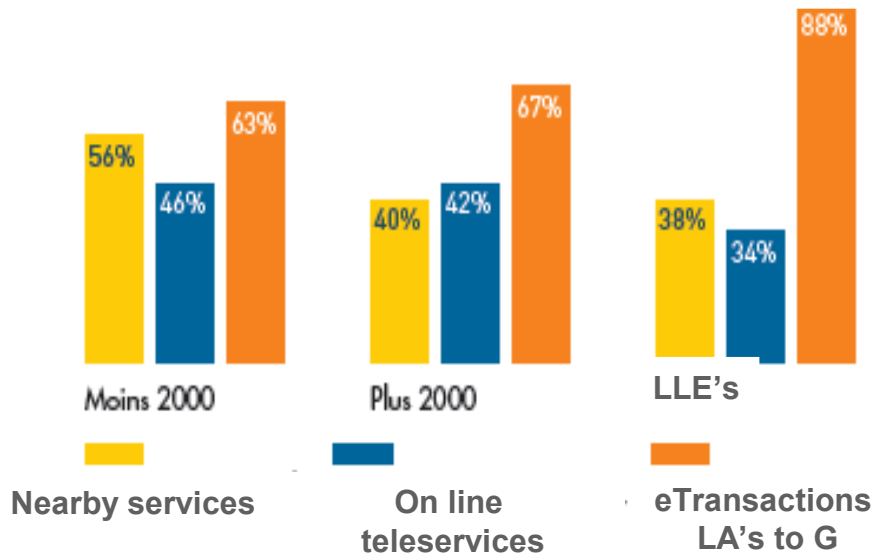
- « **Businesses** » side
 - **11 000** enterprises are registered.
 - **190 000** loadings of RFP's of which 50% are formal RFP's : 9 loadings per RFP.
 - **7 000** electronic responses of which **45%** to formal RFP's (implying electronic signature), increasing since last two months.

eGOV Services

eProcurement platform

Very clear expectations

highly positive satisfaction rate



(*) 1st Q 2006

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 - **How**
 - Delivered services
 - Interoperability : Organisation - Technical - Semantic
 - Keys to success
- European actions of Burgundy

eBourgogne Procurement delivered services

Pubic purchasing Observatory

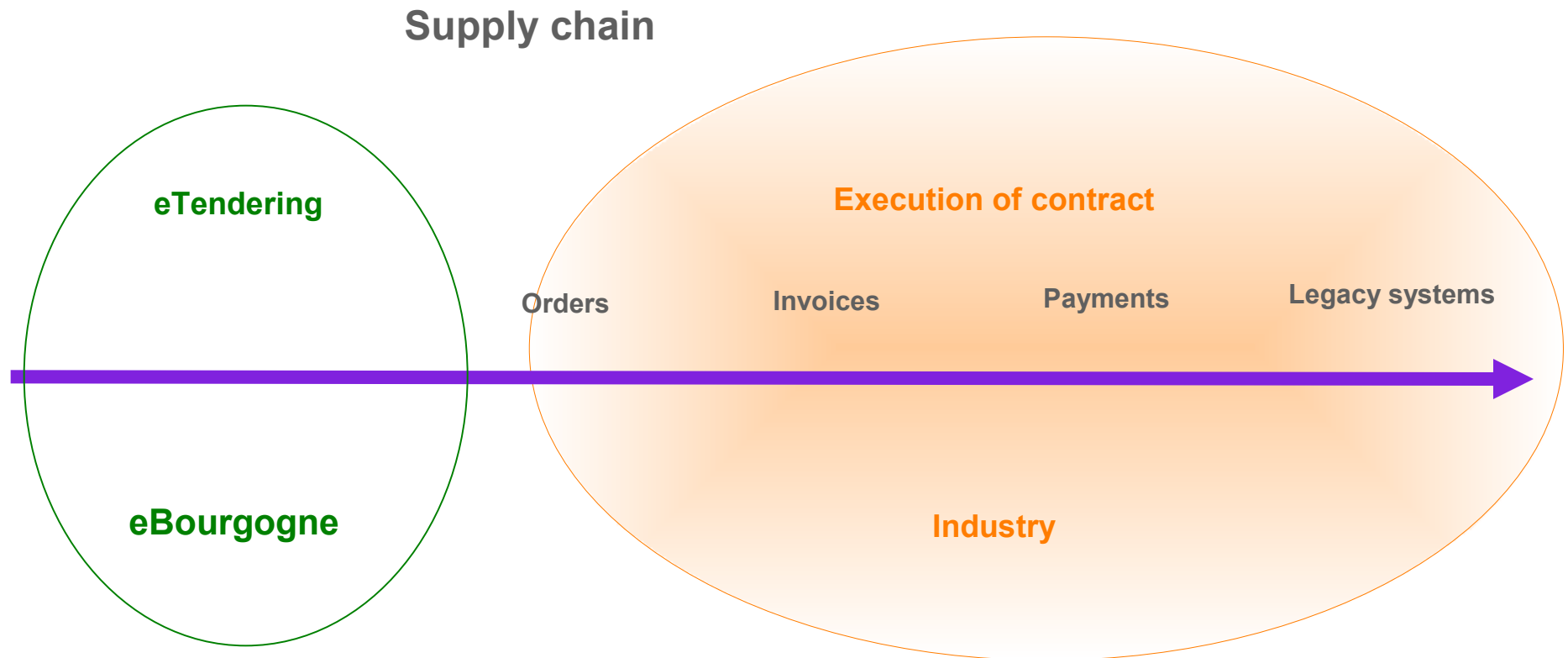
Electronic archiving

**Regional procurement
platform**

Puchasing execution

Procurement tutorial

eBourgogne positioning on the Supply chain



eBourgogne and most industrial companies have a complementary approach, leading to potential cross beneficial exchanges

Regional procurement platform



**Regional procurement
platform**

**Publishing Tenders : RPP's RFI's
for all Burgundy entities**

Management of electronic responses

Management of tender commissions

Production of Scorecards

Group orders

Knowledge Sharing between purchasers

Working space sharing

- Present eProcurement platform :

- a fully **open source** solution,
- won « **Lutèce d'or** » *best open source application* for local territories (*June 2006*)

- **Operating system** : Red Hat 8
- **Web Server** : Apache 1.3 MOd SSL
- **Portal Server** : PHP 4.3.6 SPIP 1.7 NuSOAP
- **Business rules server** : PHP 4.3.6

- **Database** : MySQL 4.0
- **Forms server** : XML XSLT XSD

- **Services interface** : SOAP
- **Work Sharing** : Workflow, agendas, Geo localisation, planning, documents.

- **Security** Trust server: Open SSL, Open TSA
Identification, authentication, electronic signature, privacy ,
Time stamping

- **Technical accessibility** : WAI/WCAG compliant (*level 3*)

Open standards

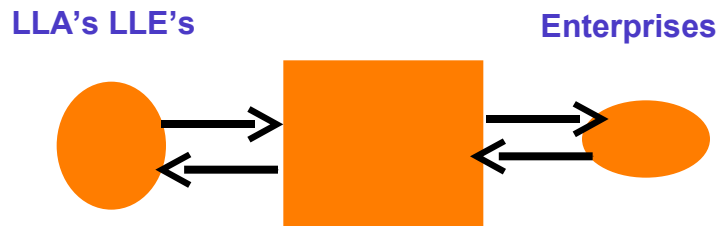
- **Development of Application services :**
 - **PHP**

- **Objects :**
 - **XML :** file and document exchanges
 - **UML :** process and business objects modeling
 - **LDAP :** directory entities modeling

- **Data bases :**
 - **UML :** for modelling
 - **MySQL :** for data base management

Infra Regional Interoperability

Sharing of a common platform
Providing LLA' own identity



Future :

- Legacy systems
- ePayments
- eSignature
- eArchive
- eDocument authentication



Compliant with DGME

- RGI (general rules for interoperability)
- RGS (general rules for security)

Inter Regional operability

Reuse of available and free Software objects (OSS)
Share organisational Good Practice models
Common Semantic Standards

A holistic approach

- Develop a shared vision and shared values
- Get commitment from top political executives in the Region
- Keep going to LA's and convince, coach and educate
- Build a legal governance structure that resists to political changes and embraces critical mass of LA's and LLE's
- Respond to LA's and LLE's expectations. Build an on-going panel.
- React to new legal framework (eProcurement).

- Start by a service application where economy of scale is crystal clear and demonstrate benefits of mutualisation
- Develop a FO-BO model; leave FO to LA's and LLE's.
- Build interface with BO and legacy systems
- Use Open Source and interoperability frameworks; adhere to national standards

- Benchmark at national and international levels. Both ways.

www.epractice.eu/cases (editor choice)

www.e-bourgogne.fr

- **No citizen left behind**
 - **The shared vision**
 - No small LA's left behind
 - No SME's left behind
 - Accessibility
- **Making efficiency and effectiveness a reality**
 - **Economic model**
 - **LA's sharing**
- **Implementing high-impact key services**
 - **eProcurement platform**
- **Putting key enablers in place**
 - **Electronic signature**
 - **Electronic document authentication**
 - **Electronic archiving**
- **Strengthening participation and democratic decision-making**
 - **Listen to LA's and customers of LA's**

- **Shared services by all Burgundy entities :**
 - Dématisation of LA's to G
 - ACTES
 - HELIOS
 - Legal electronic archiving
 - Electronic signature
 - Géolocalisation of nearby services
 - One stop shopping for grant request
 - Enterprises and SME advisory portal

- **Services suited to each local entities :**
 - Web services for all Burgundy rural LA's
 - On line teleprocedures
 - Certificates (birth, marriage, land register....)

- **Deployed with an «ad hoc» coaching and training structure :**
 - E-Campus
 - Structure of specific coaching
 - System of benchmarked business and administration processes
 - Call Center

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The E-TEN PROCURE PROJECT



The poster features a woman in a grey blazer and glasses lying on a grassy hill, working on a laptop. The background is a clear blue sky. On the left, a white rounded rectangle contains the 'Procure' logo (a blue 'p' with a globe icon) and the text 'eTEN market validation project'. Below this are the logos for the European Commission Information Society and Media and the eTEN project. On the right, a text box reads: 'A transeuropean e-procurement solution by local authorities for SMEs'. At the bottom, a list of participating regions and organizations is provided.

Procure

European Commission
Information Society and Media

eTEN
eTEN market validation project

A transeuropean
e-procurement solution
by local authorities
for SMEs

Burgundy | Uddevalla | Catalonia | Brittany | Guadeloupe | Central Bohemia |
Atexo - Sopra Group - Marakanda - CCIP - University of Bremen

The PROCURE project - General presentation

5 objectives to address through PROCURE

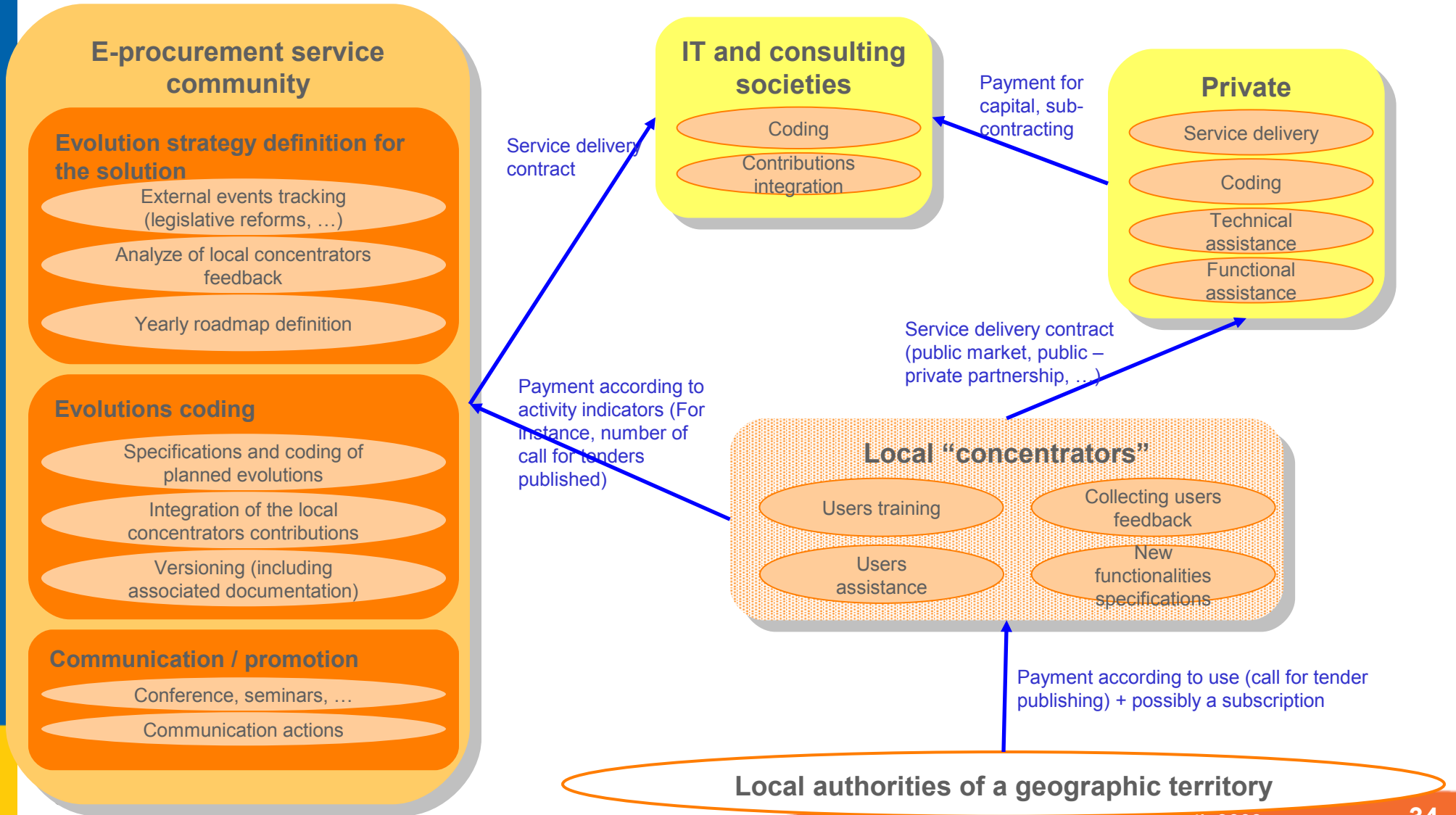


PROCURE project aims at enabling the dissemination of the e-tendering platform used in Burgundy in others European regions creating thus a first interregional network of shared e-procurement platforms.

- Deploy the Business Case intended for our regional public procurement dematerialization service in other Member States. Most striking points are the capacity to gather around a common project all public organizations (including the smallest LA's) on a geographic territory and to create appropriate structure to deliver the service (local concentrators and community)
- Adapt the Burgundy current IT solution so that it fits to Member States specific needs regarding e-tendering (European directives, local specificities)
- Bring more SME's to bid to public call for tenders
- Address cross-border issues regarding e-procurement by informing a company in a Member State of calls for tenders issued in other Members States and by enabling the company to electrically bid to them
- Assess the feasibility to build and deploy in France a "global solution" around e-procurement from e-tendering to e-invoicing fitting local authorities' needs


The PROCURE project - General presentation

The business case to be market validated



Preliminary studies

- Check conformity of the current e-procurement solution with EU directives
- Specify and develop SME's oriented functionalities
- Specify and develop functionalities to address cross-border issues
- Collect and formalize good practices in term of original functionalities and promotion / assistance devices



Generalitat de Catalunya
www.gencat.cat



- Adapt current e-procurement solution so that it fits local legislations and processes
- Start solution deployment towards LA's and companies and get first advices withdrawal and electronic biddings
- Prefigure the local concentrator



- Start solution deployment towards LA's and companies and get first advices withdrawal and electronic biddings
- Prefigure the local concentrator

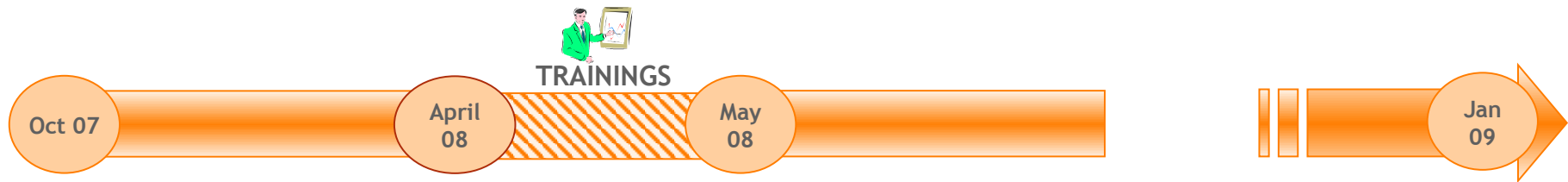


- Experiment new devices to better deploy e-procurement towards SME's (promotional activities, trainings, means to measure effectiveness of the actions carried out)



- Experiment new devices to better deploy e-procurement towards SME's
- Prefigure what could be a "global solution" around e-procurement from e-tendering to e-invoicing fitting local authorities' needs

Cross-border issues



Preliminary studies :

Adapt the current solution with the EU directive

Adapt the current solution with local legislations and processes

Find out good practices in term of functions and deployment methods (e-bourgogne and other EU e-procurement projects)

Specify and develop new functions (SME's oriented, cross-border)

Deploy solutions in the pilots :

Gather a first group of LA's and train the public buyers

Define strategy: Kind of consultations to be dematerialised, and societies likeable to be interested in

Action plan towards theses companies (direct training, online tutorials, phone assistance)

Synthesis :

Areas of improvements (functions, deployment, ...)

Devices to ensure the extension of the e-procurement services

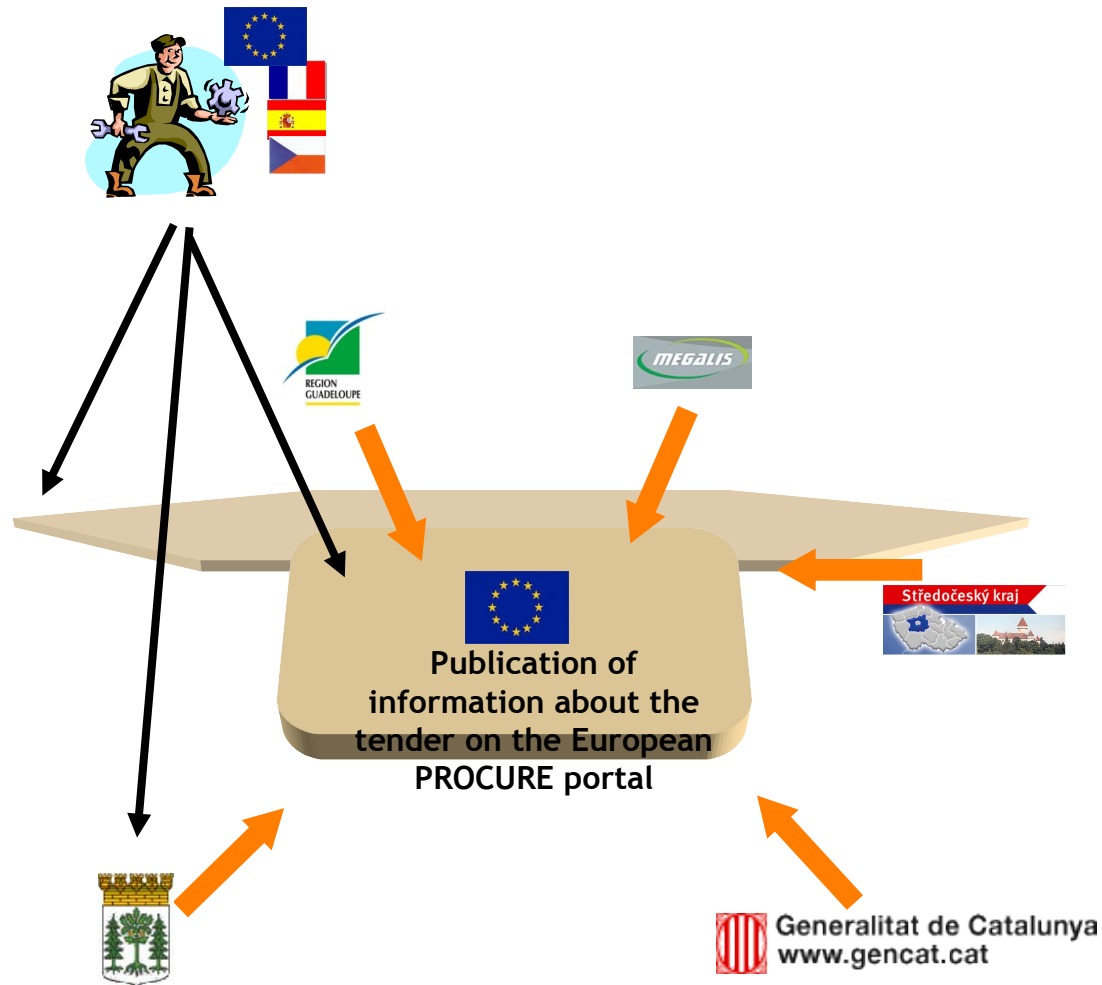
- The **Conseil régional de Bourgogne**, coordinator of the project,
- The local authorities where the service is to be market validated: the **Uddevalla Municipality**, the **Catalonia Region**, the **Brittany Region**, the **Guadeloupe Region** and the **Central Bohemia Region**
- **Atexo**, The IT company which implemented the service in Burgundy Region and which will manage the technical part of all pilots implementation and the deployments in Brittany and Guadeloupe,
- **Sopra Group**, the consulting company which assists the e-bourgogne team since 2004 and which will be in charge of the preliminary consulting studies and of the deployments in Catalonia and Central Bohemia,
- The IT company **Marakanda** which will be in charge of the deployment in Uddevalla Municipality,
- The **University of Bremen** which will conduct the legal studies
- The **CCIP** which will be in charge of coordinating the local SME's networks.



- We distinguish 2 kinds of “cross-border” procurement:
 - “Cross-border”: Procurement between 2 MS, for major consultations or very specific ones (architecture contests, ...)
 - Particular case of “Trans-border” : Procurement with regions closed to one each other; This concern consultations below EU thresholds (for instance south-France companies bidding in Catalonia)

Focus on cross-border issues

The experimentations principles



- A company from any MS pilot can withdraw request for tenders and electronically bid directly to any of the PROCURE pilots
- A “European PROCURE portal” gather advices of consultations particularly likeable to cross-border issues
- We need to deal with the issue of e-signature acknowledge between MS; To do that, we plan to set-up an agreement for each pilot to accept a list of Certification Authorities coming from all the pilot MS (legal work on progress on this issue)

- **A legal issue**
 - E-signature compulsory for EU consultations in France, Spain and Czech Republic
 - Directive 1999/93/EC states the basements of e-signature acknowledge between MS but nothing really concrete has been done in MS
 - More, France legislation enforces that every AC used for e-procurement bidding must be accredited by French administration (arrêté du 28 aout 2006)

- **Our solution**
 - Inventory AC in the pilot MS which respect minimum requirements and get them accepted by all pilots (in the PROCURE experimental context)

- **Feed-backs on**

- Ways to tackle e-signature acknowledge between MS and to increase public procurement between MS
- Ways to deploy e-procurement and more generally e-government services in LA's and to gather LA's around a shared tool
- Ways to deploy e-procurement in companies (especially SME's) using innovative tools (e-learning for instance)
- Ways to encourage cooperation between MS public buyers and encourage standardization of procurement processes (even below EU thresholds) in the MS

- **Opportunity of legal evolutions**

- to enable cross-border e-signature
- to ease cross-border in standardizing processes
- to fully complete CE directive transposition

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