

LGAF: Local Government Application Framework

Theodoros Karounos <karounos@mail.ntua.gr>

<http://www.infostrag.gr/>

22/05/2009

Organizer: P.E.T.A. S.A.

LGAF- lgaf.kedke.gr: The Task...

LGAF is a project aiming in upgrading the service of both citizens and enterprises in Greece following the rule **“Develop once, use many”**.

To improve the quality of the services offered **by automating the communication between the municipalities and the citizens.**

KEDKE LGAF - lgaf.kedke.gr

- LGAF offers a single source, **end-to-end, service-oriented architecture(SOA) solution for e-government implementation** at the local administration level (OTA)
- Enables process automation and service / **content request and delivery over the Internet.**
 - It will allow citizens and SMEs to **obtain online administrative documents, pay taxes and fines through the Internet, add and modify their public administration records, purchase permits and licences etc.**
 - The system will also offer **information on available municipal services in the domains of public health, social care and education, the possibility to electronically subscribe to the services and obtain the requested access material** and, more generally, information on any activity organized by the Municipality, including sport and cultural activities.

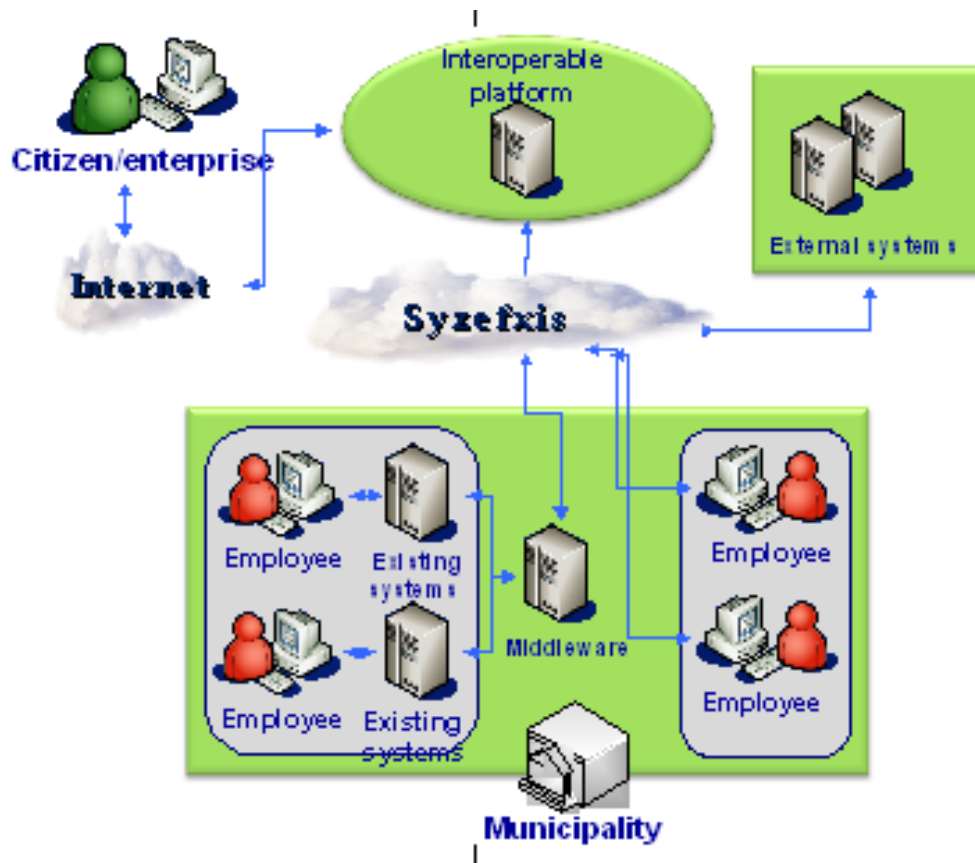
KEDKE Technology Policy (1)

- KEDKE considers that **ICT technologies** **can serve as catalyst to local economic development** and as a **powerful engine** for the implementation of public policies **towards decentralization** and regional prosperity.

KEDKE Technology Policy (2)

- The use of information technologies by Greek municipalities is a necessity and a basis for the **improvement of their organizational efficiency and the enhancement of the quality of services** that Greek municipalities offer to citizens and to local SMEs.
- To facilitate the use the ICT technologies at the local state administration level, and increase the rentability of ongoing and future IT investments, KEDKE works towards **establishing standards for a functional system of interoperability in local administration bodies**
 - LGAF: Local Access Government Framework (based on Greek e-Government Interoperability Framework, a guidelines / <http://www.e-gif.gov.gr/>).

LGAF = Local Government Access Framework

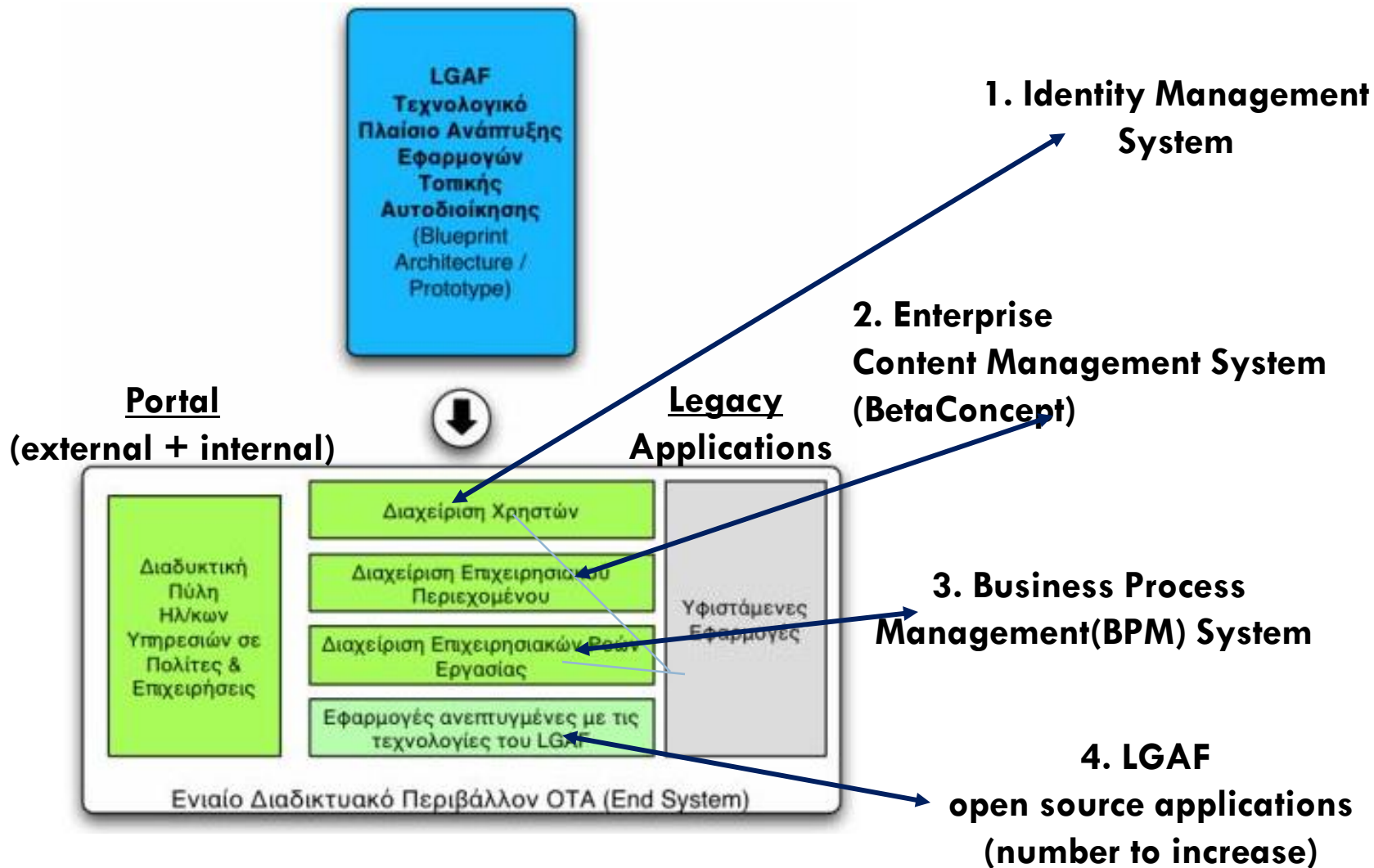


E-services for the Citizen and Business, Include: documents and subscriptions to municipal services

Through:

- ❑ A Unique Content Management service-point for every type of content a Municipality collects, produces, manages
- ❑ A Business Process Management System **framing all steps of service provision** to citizens and businesses

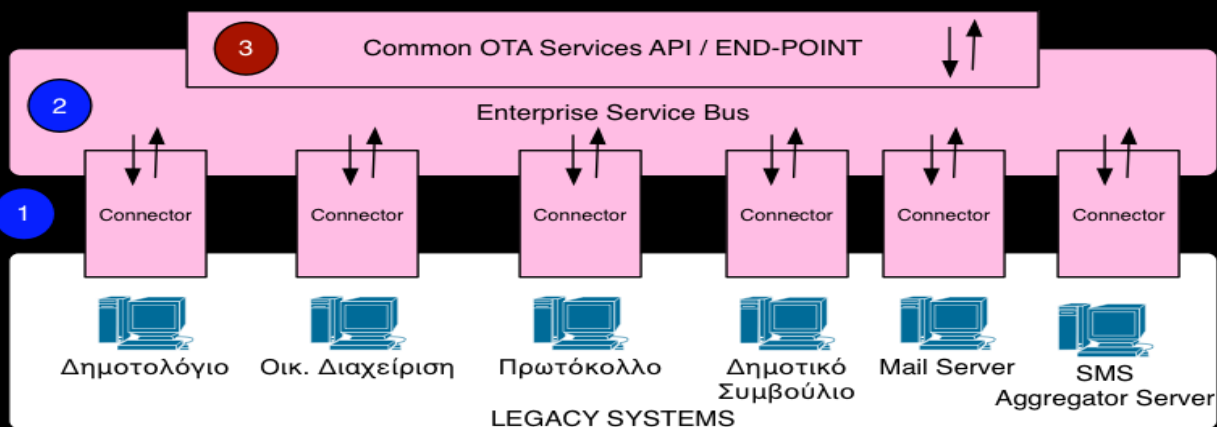
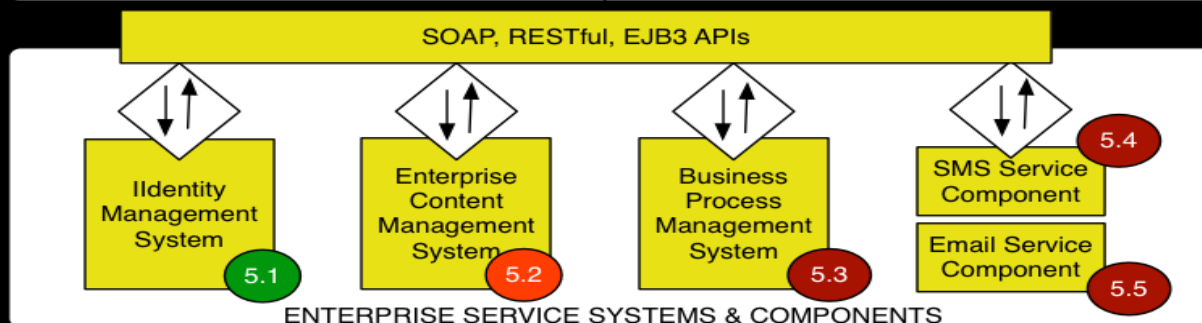
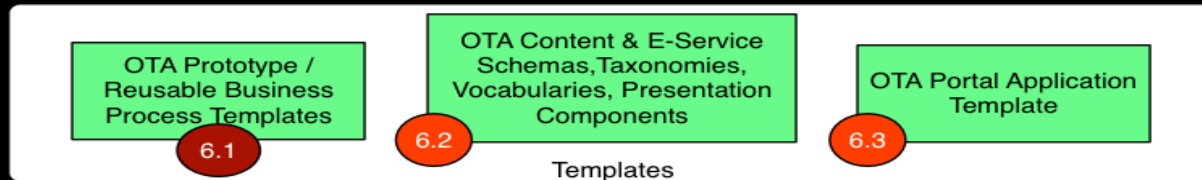
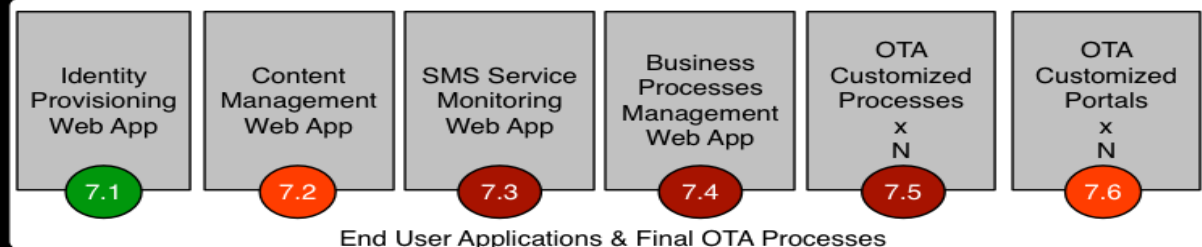
LGAF = Open Source Platform Components



LGAF - Technical Details



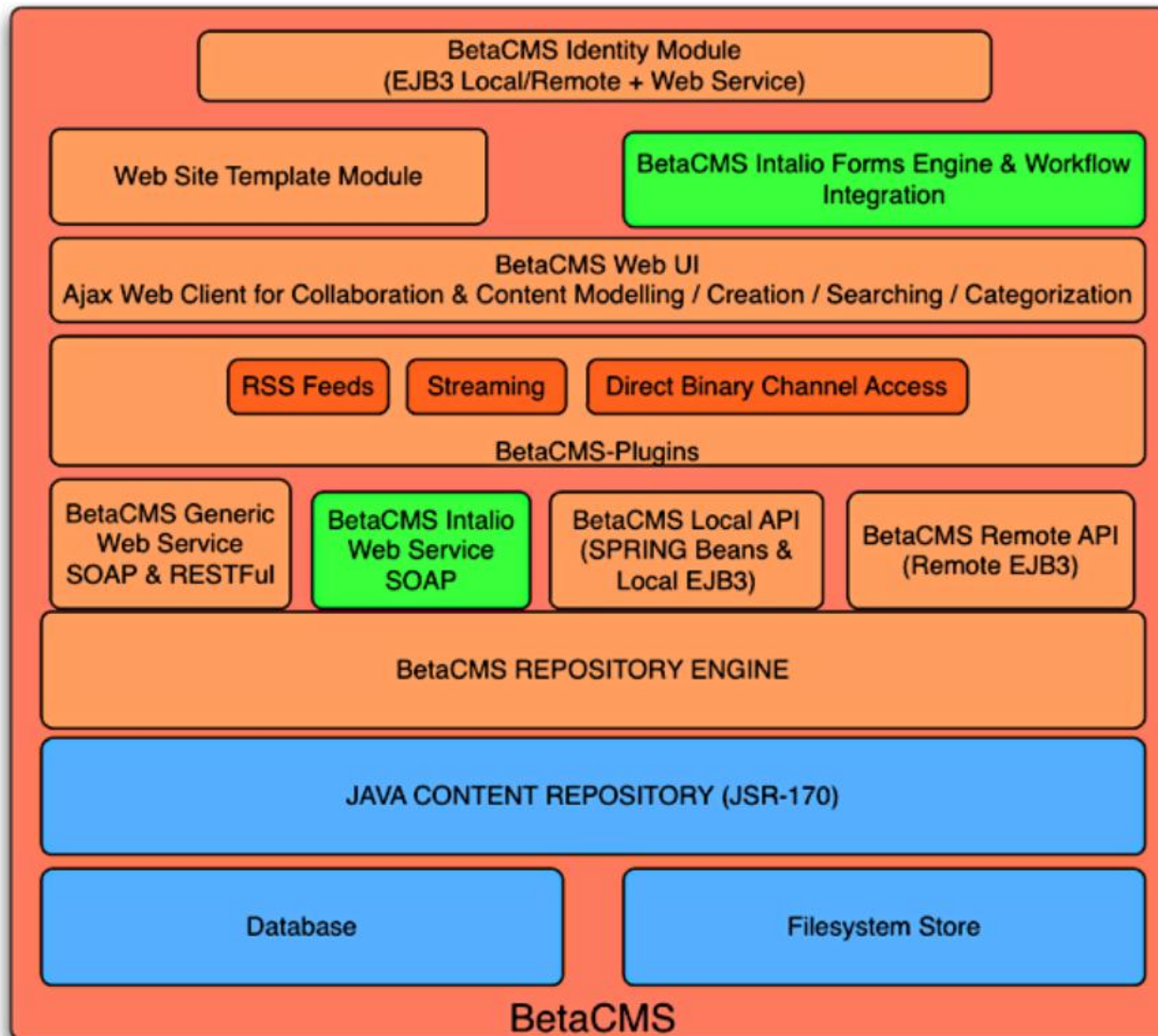
The system is built with the latest **open source** Java technologies such as Spring Framework, EJB3, Jboss Cache, JSF, Rich Faces, and Seam.



LGAF

Architectural Framework

Enterprise Content Management System



LGAF - CMS

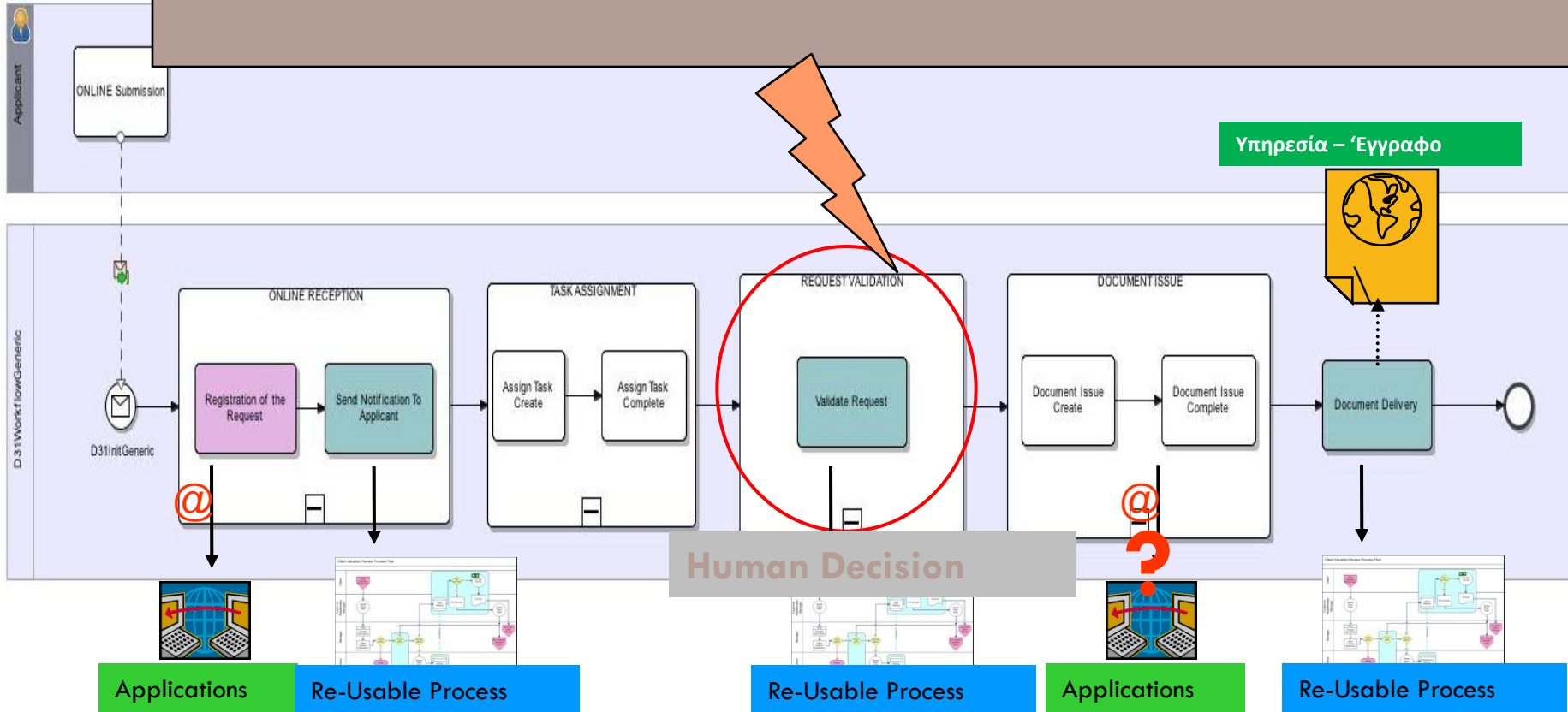


BetaCMS is build upon Java Content Repository (JSR-170) and **allows fast and easy modeling, storing and querying of any type of enterprise content.**

BetaCMS is designed to be the central content infrastructure across an organization, **replacing the custom made databases and APIs for storing and retrieving content.**

Processes Automation

- Processes are decomposed in sub-process and activities
- Orchestrated: a) Interaction with MUN Legacy Applications
b) Interaction with Applicants and MUN Employees (eg. Request Validation)



LGAF- Services Offered

The services offered vary in terms of interaction with the user, and are **grouped in 4 levels**. In **level 1** the user can be informed about a service. **Level 2** involves a one-way interaction, for example to receive a form or document. **Level 3** includes two-way interactions, for example by allowing form submission. **Level 4** group contains all full-electronic services, bypassing any non-electronic processes.

<http://osor.eu/> - Open Source Observatory and Repository

OSOR's primary objective is to promote the uptake of Open Source Software in public administrations:

- **Encouraging Europe's public administrations** to consider and assess the most advantageous IT solutions for their particular needs;
- **Lowering the cost of eGovernment solutions** and helping spread good practice throughout public administrations

Where can I found out more?

- **FSF**, <http://www.fsf.org/>
- **GNU project**, <http://www.gnu.org/>
- **Wikipedia**,
[http://en.wikipedia.org/wiki/Free software](http://en.wikipedia.org/wiki/Free_software)
& [http://en.wikipedia.org/wiki/Open source](http://en.wikipedia.org/wiki/Open_source)
- **OSI**, <http://opensource.org/>
- **SourceForge**, <http://sourceforge.net/>
- **FLOSSImpact**, <http://flossimpact.eu/>