



## PICTURE Newsletter

Issue 4, February 2008

### RUNNING OF THE PICTURE PROJECT

General progress of the PICTURE project

→ page 1

### SIGNIFICANT STEPS AND RESEARCH PERSPECTIVES

New deliverables available on the PICTURE Website

→ page 2

### PICTURE NEWS AND EVENTS

PICTURE Dissemination Activities

→ page 2

## RUNNING OF THE PICTURE PROJECT

General progress of the PICTURE project

In the last months the PICTURE consortium - consisting of seven research and technology as well as five user partners - made good progress in finalizing the methodological approach and implementing it in the tool. The **PICTURE approach and tool** will support decision makers in public administrations to make more informed ICT investment decisions. Thus, it will contribute to high quality service delivery to European citizens and businesses by strengthening the ICT diffusion in European Public Administrations.

The PICTURE consortium puts great emphasis on involving the **user partners** as early as possible in evaluating the PICTURE tool and approach. During the last months methodological results have been implemented as early as possible in the PICTURE tool to make them available for in-depth testing and evaluation by the user partners.

This approach revealed some important areas for improvements that have been directly considered by the research and technology partners. Thus, the PICTURE consortium has made very good experiences with the integrated development and evaluation approach.

An **intermediate version of the prototype** has been presented at eChallenges 2007 in The Hague (Netherlands) as part of the exhibition. Conceptual results have been presented at several European and international conferences, namely BMPGOV2007 (in Brisbane, Australia), IRIS 2007 (in Graz, Austria), ICEG2007 (Montreal, Canada), EGOV2007 (Regensburg, Germany), and XV Polish conference on Electronic Data Interchange & Electronic Commerce (Rochna, Poland).



## SIGNIFICANT STEPS AND RESEARCH PERSPECTIVES

New deliverables available on the PICTURE Website

Several public deliverables have been released by the PICTURE consortium for publication on the project website.

In the area "Deliverables" on the project website (<http://www.picture-eu.org>) you can find publicly available information on the following topics:

- **Process building blocks** (work package 1): in this section a report on the current practice of process modelling projects & techniques in European public administrations is available. In addition to that you find the requirements specification for process building blocks and the final specification of the 37 process building blocks defined by the PICTURE consortium.
- **ICT functionality groups** (work package 2): in this section a study on common ICT architectures and systems of European public administrations is available. In addition to that you find the requirements specification for ICT functionality groups and the final specification of the 27 functionality groups defined by the PICTURE consortium.
- **ICT impact measurement methodology** (work package 3): here you find a study on ICT value analysis concepts in European public administrations. You also find the requirements specification for the ICT impact measurement methodology that is implemented by the PICTURE consortium. The final specification of the methodology will be published during 2009.
- **Process landscaping methodology** (work package 4): in this section you find the requirements specification for the process landscaping methodology that is developed and implemented by the PICTURE consortium. The final specification of the methodology will be published during 2009
- **Dissemination events and material** (work package 7): in this section you find several dissemination materials and reports on dissemination events

---

## PICTURE NEWS AND EVENTS

### PICTURE Dissemination Activities

Conceptual results of the PICTURE consortium activities have been presented at several European and international conferences.

A preliminary version of the PICTURE prototype was presented in the exhibition area of **eChallenges 2007** which was held in The Hague (Netherlands) on October 24-26, 2007.

eChallenges 2007 had approximately 600 participants who had the possibility to visit the exhibition during all breaks (coffee and lunch). In addition to that a networking reception was held on the first evening in the exhibition area to give attendees the possibility to visit the exhibition booths. The PICTURE consortium made some interesting contacts and was able to disseminate project results.



### IRIS 2007

In February 2007 ERCIS attended the 10th International Legal Informatics Symposium (IRIS2007) in Salzburg, Austria. ERCIS presented a paper titled "Aufbau eines verwaltungsübergreifenden Prozessregisters für öffentliche Verwaltungen mit der PICTURE-Methode" (Translation: Construction of an overall process catalogue for public administrations with PICTURE). The paper and the presentation dealt with the chances and challenges of a process catalogue for public administrations. Furthermore the paper describes the contribution PICTURE can deliver for an efficient construction of such a structuring process catalogue.

### BPMGOV 2007

In September 2007 ERCIS attended the 1st International Workshop on Management of Business Processes in Government – collocated with the 5th International Conference on Business Process Management in Brisbane, Australia. The presentation with about 70 attendants mainly from the Australian Government was entitled with "Local, Participative Process Modelling - The PICTURE-Approach." It dealt on the one hand with the advantages, PICTURE serves in comparison to classical modelling approaches regarding the elements Direction of Modelling, Modelling Scope, Relevant Interaction Object, and Involvement of the Employees, and on the other hand with this specific view of knowledge acquisition in mind, PICTURE is compared with the workflow patterns of van der Aalst et al. in order to identify similarities and differences. Based on this analysis, suggestions for the further development of the PICTURE method are derived to create a new methodology which is compatible to established approaches.

The University of St. Gallen (IWI-HSG), responsible Swiss research partner for the development of the standardised Process Building Blocks, participated in two conferences in 2007.

The **Sixth International EGOV Conference** focusing on research and practice in the public sector took place from September, 3rd to 7th in Regensburg (Germany). IWI-HSG contributed a foundational analysis on applicability and usability of the building block-based modelling approach in the public sector from a syntactic, semantic and pragmatic perspective. After the authors' presentation, the audience lively discussed about the described concept and reference modelling in general. These discussions confirmed that Process Building Blocks are a suitable approach to improve process modelling in public administrations.

Furthermore, IWI-HSG presented a publication entitled "Measuring Impacts of ICT on the Process Landscape of Public Administrations" at the **Third International Conference on e-Government** hosted by the University of Quebec in Montréal, Canada. At the conference the first results of the research that IWI-HSG and SAP contributed to the PICTURE methodology and tool for measuring qualitative and quantitative impacts of ICT on the process landscape of public administrations were discussed. The concept of using Process Building Blocks to enable an administration-wide analysis of processes was well received by the peers and the following discussion provided input for further advancements of the methodology.

On June 18-19, 2007 in Rochna near Łódź took place the **XV Polish Conference on Electronic Data Interchange & Electronic Commerce**. This conference was directed to the scientists and users of EDI-EC systems.

One of the conference sessions regarded the e-government applications problems. PICTURE overview and process oriented approach in Public Administration were presented.

Six papers were presented during this session:

- A Process Modeling Language for the Public Sector
- The PICTURE Approach, by Jörg Becker, Łukasz Lis, Daniel Pfeiffer and Michael Räckers,



- Challenges connected with an evaluation of the PICTURE-tool, by Marian Niedźwiedziński,
- Selected problems of the assessment of economic effectiveness of IT e-business projects, by Helena Dudycz and Mirosław Dyczkowski,
- Evaluation methods of computer systems in public administration, by Marek Melaniuk,
- Effectiveness of IT projects in the field of E-Government, by Karol Korczak
- Implementation of Lisbon Strategy concept-development of information society in Lodzkie Voivodship, by Jacek Zieliski.

These papers (among others) were included into the monograph *Selected Problems in the Electronic Economy* (ed. Marian Niedźwiedziński, Łódź 2007). During this session the panel discussion dedicated to the possibilities and barriers of implementation of the new organizational and technical solutions to the Public Organizations took place.

The main conclusions of the panel discussion are as follows:

- The new organizational solutions should be disseminated like e.g. New Public Management in order to improve the way of organization and management in Public Administration.
- Process oriented approach and process way of thinking should be implemented into the administration offices - instead of predominant functional approach.
- A selection of proper methodology for ICT effectiveness assessment in Public Administration is a complex problem. This is much more complicated than in the industrial organizations.
- PICTURE project seems to be the suitable tool that enables improvement of effectiveness in administration management by means of the process approach in the PA organizations.

---

**PICTURE – An Instrument to Provide Successful ICT Investment Strategies for European Public Administrations.**

PICTURE project started on the 1st February 2006, it will end on 31st January 2009 and has been co-financed by 6th Framework Programme of European Commission

The PICTURE Newsletter is a free quarterly issue, published by the PICTURE Consortium to promote PICTURE methodology and instruments, and disseminating information on achieved goals and results.

More information about the project, and a digital version of this newsletter, can be found on the official Website: [www.picture-eu.org](http://www.picture-eu.org)

© Copyright PICTURE Consortium – All rights reserved.

---