Integrating Process Modeling and Simulation with Benchmarking using a Business Process Management System for Local Government



PSB-DMEP Research Project (www.psb-dmep.gr) : Public Services' Benchmarking, Design, Monitoring, & Evaluation Platform



Business Process Management system: is the core system of PSB-DMEP, which will be deployed in Local government (Municipalities). It offers business process modeling and simulation functionality. Alternative scenarios of business processes are executed and performance is measured using same indicators as those measured in benchmarking. Best scenario (of best performance) is selected and process is redesigned.

Benchmarking system : will be used by the Municipalities in order to measure, evaluate and benchmark the performance of their business processes via KPI's. System creates detailed and customizable performance reports about organization's benchmark and ranking.

Management by Objectives (MBO) system: supports the application of MBO methodology in Greek local government, as it is described in the existing legislative framework.

e-Participation system: supports the documentation, communication and social networking, acting as the integrated system's central point of communication with citizens and businesses, emphasizing on their feedback for public services improvement.

Partners:

European Unior

European Regional

Development Fund

esting in your futur

1) National Technical University of Athens (NTUA) (www.ntua.gr), 2)Advanced Services Group Ltd (ASG) (www.asg.gr), 3) Bee Group IT and Consulting (www.bee.gr), 4) Municipality of Amarousion (www.maroussi.gr), 5) CitiesNet : digital cities of Central Greece (www.dccg.gr)

This work is part of the research project "Public Services' Benchmarking, Design, Monitoring & Evaluation Platform (PSB-DMEP)" in research action: "Synergasia", which is implemented under the Operational Programme: Competitiveness and Entrepreneurship (OPCE II), NSRF 2007-2013 and is co-funded by European Union (European Regional Development Fund) and Greek Government.



Functional Blocks and Roles of BPM System

NTUA

Research Team

Project Partners

· Web Portal

Security

integration

BM, etc

PS PS





Dr. Sotiris Gayialis, Teaching and Research Associate, NTUA

Dr. Polyxeni Vassilakopoulou, Postdoctoral Fellow, UiO

Dr. Georgios Papadopoulos, Teaching and Research Associate, NTUA

group

Dr. Ilias Tatsiopoulos, Professor NTUA

Dr. Stavros Ponis, Assistant Professor NTUA

BPM Software



BPM System Development Process

Benchmarking

CitiesNet









HELLENIC REPUBLIC MINISTRY OF EDUCATION AND RELIGIOUS AFFAIRS