

# **e-CADASTRE = e-PROCESSES + Business Rules: The Lessons of Lebanon Cadastre Automation Project**

**Dr. Bijan AZAD and Ted HUBERTS, Lebanon**

**Key words:** Electronic Cadastre, ICT, Business Process, Business Rules.

## **ABSTRACT**

The 1999 UN-FIG Bathurst Declaration advocates designing and building land administration systems which are service-oriented and based on the careful analysis and cadastral information flow. The Lebanese Cadastre Automation project (a \$20 M World Bank endeavor) has attempted to build such systems. The target systems have been designed to integrate three distinct but inter-related aspects of Cadastre work: workflow (business processes), cadastral functions, and handling of citizen transactions. This integrated approach implies moving from existing business processes to e-Processes. The e-Processes in turn require that constraints and procedural guidelines which are usually referred to as business rules and govern the conduct of the underlying processes be embedded in the software supporting the citizen transactions. Transactions include items like issuing map abstracts, doing land subdivisions and land annexations. This paper will describe the design principles behind the Lebanese system and highlight the lessons learned based on the initial implementation of the system—this is an attempt at building e-Cadastre using e-Processes and business rules.

## **CONTACT**

Dr. Bijan Azad  
The World Bank Project LE 3770/Ministry of Finance  
Directorate of Land Registration & Cadastre, Moukarzel Building  
Beirut  
LEBANON  
Tel. + 961 1 648 756/7  
Fax + 961 1 981 059  
E-mail: [bijan\\_azad@hotmail.com](mailto:bijan_azad@hotmail.com)

Mr. Ted Huberts  
ILIS-DHV Joint Venture  
Moukarzel Building  
Beirut  
LEBANON  
Tel. + 961 1 663 633  
Fax + 961 1 663 634  
E-mail: [thuberts@hotmail.co](mailto:thuberts@hotmail.co)

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TS7.3: Global Survey of Cadastral Experience  
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FIG XXII International Congress  
Washington, D.C. USA, April 19-26 2002