

## RESEARCH ON AGRICULTURAL E-GOVERNMENT: DEMANDS, POSSIBILITIES AND PLAYERS IN HUNGARY

*Miklós HERDON – László PITLIK – László Z. KARVALICS –  
Bálint ECKERT – Zsolt MAGÓ*

The Hungarian Government started a project for supporting research groups on e-government research. There are research groups from the University of Debrecen, the Szent István University and the Technical University of Budapest. We have made a joint proposal for researching agricultural e-government. The contract is signed and the research work has already started. Within this project we study the e-agricultural government systems, services, strategic demands and possibilities, emphasizing economical, professional and social aspects. The targets of the research are governmental, administrative tasks and demands, expectations and IT skill of citizens.

### 1. RESEARCH AIMES

The successful key factor of the Informaton Society is the public acceptability. In the agricultural sector there is suspiciousness (hush loop). In the family farms there is a lack of information and determination of giving information wich is harmful to the agriculture sector and reduces the cooperational intention.

During the research work we explore the IT usage among agricultural employees, institutions, organisations and farmers. The survey denotes governmental information systems, the wanted data from farmers and the given data, services and features of information and the information technology. The research is based on national survey, analysis compared with international experience and directivates in the European Union.

The main topics of the research work are the following:

- evolution of e-agricultural government, political and application models
- compose the problem map of e-government (controlling, standards)
- exploring of administrable resources (data, methods, technologies, citizens, organisations), creating of resource map1
- modelling the changes of confidence gap
- informatics skill, suggestion for trainings, education
- historical-sociological aspects of different regions
- ability of agricitizens for using information services, catalogue of methods, IT-specificity, matrix of target groups and services
- evaluation of e-governmental work on agriculture and rural development.

### 2. PREFERANCES

Based on the proposal the main target perefereces are the following:

*Knowlegde management, data asset management, public utilization, evaluation – self evaluation – monitoring, legal questions, administrative questions,*

### 3. THE EXPECTED RESULTS

We would like to make suggestions for decreasing the lack of information, methods to gain farmers as primary information servers, develop studies, demos, action-plans, problem maps, etc. The project started in 2002 and will have been finished by middle of the next year. The first milestone will be next January.