
Data Information Sharing in Ministry of Agriculture and Rural Development – Vietnam

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I. Introduction

In recent years Information sharing's Ministry of Agriculture and Rural Development has been directed to make a more drastic way, many decisions on implementation were issued as Decision 132/QD-VP 25 February 2008 provisions on the functions of the Standing Office and Decision dated 2 February 2008, the decision 1640/QD-BNN-VP promulgate regulations on implementation of information sharing tasks of the Ministry of Agriculture and Rural development, network officials in charge part time in information sharing units. This decision as a basis for "internal legal" to perform the task to advise the Ministry leadership and leaders of the organization and management unit implemented information sharing program. Application of information technology in state management of the Ministry of Agriculture and Rural Development has recently developed a positive step. The use of information technology and communications to enhance the capacity of executive management, communications more efficiently.

II. Objective

Promote IT application in the activities of the Ministry of Agriculture and Rural Development, in association with the process of administrative reform to improve effectiveness and efficiency of state management on agriculture and rural development.

III. Results

Information sharing has contributed to pushing up the application of IT development to serve the direction, management and administration of the Ministry to increase operational efficiency, reduce paperwork, reduce processing time jobs, contributing to the public, transparency of the activities targeted toward e-government.

1. The activities were developed on information technology

IT applications in this very diverse, many of which application service management software as the management go and come document, archives, research management, office management (eOffice), management of plant and

animal varieties, ... Besides that there are many applications for research, production, such as software for professional work in the field of irrigation, forestry, fisheries, agriculture industry

Implementing Electronic Government at the Ministry of Agriculture and Rural Development has programs to increase awareness of e-government as Direction number 58, Project number 30, Project number 112 and 95

Minister issued Directive No. 1913/CT-BNN-KHCN on 8 January 2006 on the implementation plan for the development of e-government at the Ministry until 2010.

Over time has made a step raise awareness about the role of information technology, Internet, E-mail, computer networks and information, the computerization of state management, direction and administration, e-government, e-commerce, building the information society and knowledge economy ...

2. Activities to direct organize and manage information technology

Steering Committee for Information Technology of the Ministry of Agriculture and Rural Development was established in Decision No. 357 NN-TCCB / QD Decision dated 28 March 1996. And Vice Minister is head of steering committee.

Strategic application of information technology for state management of MARD period 2001 - 2010 is a step by step strategy to implement e-government at the Ministry of Agriculture and Rural Development.

Project number 112 is building some projects on the application of information technology for the field of animal health, irrigation and some other areas.

Information systems via electronic mail, to build a system of information technology staff of the unit-oriented training of the assistant heads of the units to help organizations develop information technology applications in management and direction.

The information technology projects with content such as building websites, build databases and integrate data center and application networking services through ... are practical activities to for administrative reform.

Have built the database on the market prices of agricultural and forest products, agriculture, providing farmers through the activities of state agencies, Farmers, agricultural extension stations commune and district levels

3. Application of information technology in the operation, management, information and public services.

Many IT applications are implemented to serve the research and serve people and businesses. Notably information systems and agricultural markets, this system collects and updates the market price of water daily in 20 provinces and 100 districts. Most sites of research institutes, extension unit has published several varieties introduced, new breeding animal and new farming methods as well as the recommendations for agricultural production.

System of internal information network has been operating effectively serve the administration of the Ministry.

Software management and operation of programs for document management, closely monitor the handling of the documents assigned to each unit, allowing the inspection and direction of the urge to be in time units contribute to minimizing missed work.

Software to manage telephone directory has updated all of the numbers of units of the Ministry.

Software to manage all the guests out into the ministry, the software managing meeting rooms and conference registration process of the unit at the Ministry.

Software briefing weekly, monthly and periodic reports, as leadership tools for assigning and tracking the results of the processing unit after the meeting the week of the month.

The Administration unit manages the site www.omard.gov.vn since May 2000 has been providing information for administrative and executive direction for the whole sector.

Home address information is www.agroviet.gov.vn AgroViet was founded on June 11/2001 provides trade promotion information in market prices for trade promotion program of the Ministry, the activities of Information Center (now the Centre for Information and Statistics) and a number of agencies within the Ministry.

Many units of the Ministry also has its own website as the Department of International Cooperation, Science and Technology, Department of Forest, Forestry Department, Department of Crop Production, Animal Husbandry Department, Department of Agro-Forestry Product Processing and Salt Industry, Irrigation Science Institute, Forest Inventory and Planning Institute, Institute of Animal Husbandry ... Many sites are registered at the server's Office, the Centre for Information and Statistics...

Research Institutes, universities and technical schools and vocational training ... site built units to introduce the operation of the unit, the industry and exchange information with partners at home and abroad.

Deployment of public services online is one of the targets of the Ministry of Agriculture and Rural Development as well as other units of the Ministry. The Ministry has now deployed the service of level 2 and level 3 in Department of Farming and the Quality Control Department of Agriculture and Forestry Products and salt.

Some units were initially deployed over the network services efficiently: Information on the documents by the receiving and distribution, and statistical analysis of market information, registration system, granting permit...

TV conference system online system operating on high-speed fiber optic cable. The system can connect to the bridges in 63 provinces nationwide with the cooperation of the military corporation Viettel Telecom.

4. Training and development of human resources information technology

The number of staff training to improve the IT Department of rising, but mostly training comes from the source operation of the projects and programs. IT training plans are unclear, often associated with other activities. Funding for training is very limited, content training is monotonous.

Number of staff responsible for IT in each unit is limited, there are units, have no units and are mainly part-time, building the IT development plans of the units is poor. Qualified staff specializing in IT units are few, should not meet the development needs of the unit.

Since 2001 the Ministry established the Faculty of Information Technology at the University of Water Resources, recruit 60-70 students each year to train IT engineers specialized service Resources and Agriculture and Rural Development.

The training class for leaders and experts on information technology office basic level and advanced are held each year. Already more than 1200 participants attend this training.

Employment Standards Administration officials are required to take courses for Information Technology and a number of public servants, other employees should also implement Information Technology have created the class of servants young relative degree of computerization copies.

5. Information Network

Wide area network (LAN and WAN) of the establishment in 1996, now has about 300 workstations.

Have installed a virtual private network (VPN) connecting 38 Department of Agriculture and Rural Development with the Ministry.

Included generation Internet, electronic library system used for network service (750 account) and (200 account).

The transmission network has reached 10 Mbps 384 Kbps leased line, there are 4 ADSL line.

Have CP Net connection and regular activities.

6. International cooperation

The project cooperation have contributed to the development of information technology for the sector as equipped computers, building LANs, website ... Some projects to build information systems management, monitoring ... information technology platform. Special project to support administrative reform component has its own application of information technology to support administrative reform.

IV. Conclusion

1. Advantage:

Has been raising awareness about information technology and improve the level of information technology leaders, officials and public servants at all levels

Create the infrastructure for information technology is relatively: fiber optic network, VPN, server systems equipped with computers, databases, software for managing administrative and professional...

Initial results of the application are the computerization of state administration.

Initial build a staff of information technology management at the grassroots level, working regulations promulgated interim basis of the IT system.

2. Disadvantage:

The system has been set yet fully stable.

Infrastructure, qualifications of staff is lower than required, particularly at local

The effect of the other projects have drawbacks, not the mechanisms and policies to attract talented people to develop information technology and sustainable enough.

Lack of information technology development to meet the requirements of rural areas.

V. Information technology applications in 2011-2015

Additional Information technology equipment, such as computer servers, storage devices, proceeds to digitize the entire document of its administrative documents.

Making reports and exchange information over the network, limiting the exchange of paper documents. 2015: 80-90% of documents are exchanged over the network.

Upgrade database management administrative procedures in ministries, the addition of new data.

A standard electronic form, put forms online, the mechanism of publicizing information.

Upgrade the websites of the Ministry.

Plan to replace existing software with proprietary software

Develop plans to apply digital signatures to electronic

Construction of the troubleshooting process safety information.

Incorporate the implementation plan for administrative reform plan to apply information technology in the operation of the ministry really work to promote administrative reform and effective.

Perform consistently in all agencies attached to the Ministry of norms and standards on information technology application in the country.

Enhancing skills in applying information technology for staff and public servants.
Fostering professional training for officials and public servants in charge of
information technology at all levels.

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