

UNIVERSITI PUTRA MALAYSIA

EFFECTIVENESS OF IMPLEMENTATION OF DECENTRALISA TION POLICY IN AGRICULTURAL EXTENSION: A COMPARATIVE PERCEPTION OF EXTENSION OFFICERS IN JAVA, INDONESIA

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By WARIDIN

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This dissertation is dedicated to:

My lovely Dinda Saraswati Ratnaningsih and Dimas Susilo Waridiarto

My

My

Ibu Hjh. Soewarti Darminto

Brothers and sisters



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LIST OF ABBREVIATIONS

AAET	Agency for Agricultural Education and Training
AARD	Agency for Agricultural Research and Development
Bappeda	Badan Perencanaan Pembangunan Daerah Agency for Regional Planning and Development
Bimas	Bimbingan Massal Mass Guidance
BIPP	Balai Informasi dan Penyuluhan Pertanian Agency for Agricultural Extension and Information
BLPP	Balai Latihan Penyuluhan Pertanian Agency for Agricultural Extension and Training
BPP	Balai Penyuluhan Pertanian Rural Extension Centre
BPTP	Balai Pengkajian Teknologi Pertanian Agency for Agricultural Technology Assessment
CAE	Centre for Agricultural Extension
FEWs	Field Extension Workers
GFEWs	Group of FEWs
GOI	Government of Indonesia
HBIPPs	Head of BIPPs
HRECs	Head of RECs
Ka n wil	Kantor Wilayah Provincial Office (Representative of the Ministry)
MHA	Ministry of Home Affairs
MOA	Ministry of Agriculture
RECs	Rural Extension Centres



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Decentralisation policy in agricultural extension services was introduced in Indonesia since the issuance of joint-ministerial agreement between the Minister of Agriculture and the Minister of Home Affairs in 1991, and was later modified in 1996. Consequently, several tasks and responsibilities concerning the agricultural extension services were transferred from the central government to the management of the district governments.

The purpose of this study was to determine factors influencing the effectiveness of implementation of decentralisation policy in agricultural extension services by utilising a model adapted from the public administration and finance of Rondinelli and Cheema (1983) and Rondinelli et al. (1984; 1989).

A correlational research design was used in the study. The population of this study comprised the extension officers at the Rural Extension Centres (RECs) in



island of Java. A multi-stage random sampling method was employed to select 107 groups of field extension workers (GFEWs) and 107 the heads of RECs (HRECs) in West Java, Central Java and East Java Provinces, Indonesia. In addition, data from the heads of the BIPPs (HBIPPs) and contact farmers were also solicited. Personal and group interviews as well as self-administered questionnaires were used in the data collection.

Decentralisation policy in agricultural extension services was not effectively accomplished at the implementation level. Effectiveness in programme planning, decision making, resources utilisation and provision of benefits were not executed as expected by the policy objectives. As beneficiaries of the services, the farmers received little or no benefits from the implementation of decentralised agricultural extension services.

The perception of GFEWs and HRECs were significantly different on almost all variables of the study. There was a tendency that the GFEWs indicated lower responses compared to the HRECs pertaining to the effectiveness of implementation of decentralised agricultural extension services. The same was true for contact farmers compared to the GFEWs and HRECs. There was a tendency that lower level officers have lower understanding and knowledge pertaining to the current implementation of the decentralisation policy.

The effectiveness of decentralisation policy implementation was positively and significantly correlated to the independent variables utilised in the study, except for officers' clarity towards policy objectives. Co-ordination among



agencies involved in policy implementation,

bureaucracy,

trained personnel were correlated significantly to the effectiveness of implementation of decentralisation policy. These four variables contributed significantly to the effectiveness of the policy implementation.

With the use of a framework adapted from the public administration and finance,

predictors of effectiveness of implementation of decentralisation policy in agricultural extension services. In general,

effectiveness of policy implementation was jointly explained by a set of independent variables,

implementation",

and authority over financial resources" and "adequacy of trained personnel".

The study found that the conceptual framework adapted from the public administration and finance model could serve as a useful model in predicting the effectiveness of decentralisation policy implementation in agricultural extension services in Indonesia.



Abstrak disertasi yang dikemukakan kepada Senat Universiti Putra Malaysia sebagai memenuhi sebahagian daripada syarat untuk mendapatkan ijazah Doktor Falsafah

KEBERKESANAN PERLAKSANAAN POLISI DESENTRALISASI PERKHIDMATAN PENGEMBANGAN PERTANIAN: SATU PERBANDINGAN PERSEPSI DI ANTARA PEGAWAI PENGEMBANGAN DI JAWA, INDONESIA

Oleh WARIDIN Januari 1999

Pengerusi:Bahaman Abu Samah, Ph.D.Fakulti:Pengajian Pendidikan

Polisi desentralisasi dalam perkhidmatan pengembangan pertanian di Indonesia bermula sejak keluarnya persetujuan bersama antara Menteri Pertanian dan Menteri Dalam Negeri dalam tahun 1991, dan diubahsuai dalam tahun 1996. Berikutan dengan itu, tugas-tugas dan tanggungjawab berkaitan dengan perkhidmatan pengembangan pertanian diserahkan kepada pihak pengurusan pemerintah daerah daripada pihak pemerintah pusat.

Tujuan utama kajian ini adalah untuk menentukan faktor-faktor yang mempengaruhi keberkesanan pelaksanaan polisi desentralisasi dalam perkhidmatan pengembangan pertanian dengan menggunakan model pentadbiran awam dan kewangan dari Rondinelli dan Cheema (1983) dan Rondinelli et al. (1984; 1989) yang telah diubahsuai untuk kajian ini.



Kaedah penyelidikan korelasi telah digunakan dalam kajian ini. Populasi kajian ini terdiri daripada pegawai-pegawai Pusat Pengembangan Pertanian (RECs) di pulau Jawa. Kaedah pengambilan sampel rawak tahapan-berganda digunakan untuk memilih 107 kumpulan pegawai pengembangan (GFEWs) dan 107 ketua RECs (HRECs) di Jawa Barat, Jawa Tengah dan Jawa Timur, Indonesia. Sebagai tambahan, data dari ketua-ketua BIPP dan petani maju juga diperolehi. Temuduga secara kumpulan dan perseorangan serta soalselidik isian-sendiri digunakan dalam pengumpulan data.

Polisi desentralisasi perkhidmatan pengembangan pertanian tidak dapat dilaksanakan secara berkesan di peringkat tempatan. Keberkesanan dalam rencana program, pembuatan keputusan, penggunaan sumber dan pemberian manafaat tidak sesuai dengan matlamat yang diingini. Petani-petani hanya menerima sedikit manafaat dari adanya perlaksanaan polisi desentralisasi dalam perkhidmatan pengembangan pertanian.

Persepsi kumpulan pegawai pengembangan dan ketua-ketua RECs dalam hampir semua angkubah-angkubah dalam kajian ini berbeza secara signifikan. Ditemui bahawa kumpulan pegawai pengembangan memberi jawaban yang lebih rendah berbanding dengan ketua-ketua RECs, berkaitan dengan keberkesanan perlaksanaan polisi desentralisasi dalam bidang pengembangan pertanian. Jawaban yang lebih rendah juga didapati pada petani-petani. Semakin rendah peringkat pegawai, akan semakin rendah pula pemahaman dan pengetahuan mengenai perlaksanaan polisi desentralisasi pengembangan pertanian.



Keberkesanan pelaksanaan polisi desentralisasi berkait secara positif dan signifikan kepada angkubah-angkubah bebas dalam kajian ini,

"kejelasan pegawai terhadap tujuan polisi". Penyelarasan di kalangan agensi yang terbabit dalam pelaksanaan polisi,

kecukupan sumber kewangan dan kecukupan pegawai terlatih merupakan angkubah-angkubah yang mempunyai perkaitan yang signifikan terhadap keberkesanan perlaksanaan polisi desentralisasi

memberi sumbangan secara signifikan kepada keberkesanan perlaksanaan polisi desentralisasi dalam bidang pengembangan pertanian.

Dengan menggunakan kerangka konseptual yang diubahsuai daripada model pentadbiran awam dan kewangan,

angkubah yang berkait rapat bagi menentukan keberkesanan perlaksanaan polisi desentralisasi dalam bidang pengembangan pertanian. Secara

55.0% daripada varians keberkesanan pelaksanaan polisi desentralisasi dapat dijelaskan oleh satu set angkubah bebas yang digunakan dalam model regresi berganda. Angkubah-angkubah itu adalah "penyelarasan di kalangan agensi yang terbabit dalam pelaksanaan polisi",

daerah",

Kajian ini mendapati bahawa rangka konseptual yang diambil daripada pendekatan pentadbiran awam dan kewangan dapat memberi petunjuk yang baik untuk meramalkan keberkesanan pelaksanaan polisi desentralisasi dalam perkhidmatan pengembangan pertanian di Indonesia.



CHAPTER I

INTRODUCTION

Indonesia disperses over an area of 2,027,000 km2 and stretches over 5,150 km. It comprises approximately 17,000 islands with the five main islands of Java, Sumatera, Kalimantan, Sulawesi and Irian Jaya. With a total population of 205 million in 1998, Indonesia constituted the fourth most populous country in the world. About 70.0% percent of the country's population live in Java Island. Administratively, Indonesia is divided into 27 provinces and each province consists of a number of districts and municipalities for certain urban areas. Under the district or municipality, there are sub-districts and each sub-district comprises a number of villages. In total, there are 243 districts, 60 municipalities, 3,836 sub-districts and 65,554 villages within the country (GOI, 1995a).

Agriculture is still an important sector in the country's economy. This sector contributed 17.2% to the Gross Domestic Product (GDP) in 1995 and provided employment to 35.5 million people or more than 50.0% of the total labour force in 1990. The total land area of Indonesia is about 181 million hectares, of which 120 million hectares are still under forest. The crop area consists of 22 million hectares with 6 million hectares allotted to perennial crops, 7 million hectares to wetland crops and 9 million hectares to dry-land crops (GOI, 1997). The majority of farmers in Java Island operate small size farms with an average of less than 0.5 hectare, whereas farmers outside the island operate larger farm sizes.



Decentralised Agricultural Extension Services in Indonesia

Since the release of the Law No. 5 of 1974 concerning Basic Principles of Regional Government, Indonesian administrative policy thrust has been to support the goal of greater regional autonomy. The law was also applied to the agricultural sector. Under the joint agreement of the Minister of Agriculture and the Minister of Home Affairs in July 1991, a major step was taken to decentralise the agricultural extension services and to extend the roles of district governments and agricultural line agencies to manage agricultural extension activities.

Based on the joint agreement, Rural Extension Centres (RECs) and field extension workers (FEWs) as well as the authority for placing the FEWs in working areas were transferred to and put under the administrative responsibility of the district governments. Moreover, responsibility for operational components of agricultural extension services was divided into four sub-sector agencies (food crops, estate crops, fisheries and livestock) based on the relative importance of the sub-sectors in the districts. In addition, an annual central subsidy for running the agricultural extension activities and for extension officers' salaries was transferred to the district governments to be administered by the sub-sector agencies for their respective RECs and FEWs (GOI, 1995b; 1997).

In practice, however, it was not an easy task to properly implement the agreement. There were controversies concerning the contents and objectives of the policy, due in part, to inadequate guidance for its implementation. Each executing agency had its own interpretation and perception about the policy. This resulted in short falls in the implementation strategies as well as the achievements of its goals



(Mutiara, 1994). Furthermore, the quality of service in agricultural extension did not change very much and in some cases it was even decreased and rendered ineffective. To overcome the problems and doubts that existed, the government decided to upgrade and strengthen the RECs and their front-line extension offices in delivering agricultural extension services.

To ensure that the policy implementation was more successful, the Indonesian government established the Centre for Agricultural Extension (CAE) in February, 1994. The CAE of the Ministry of Agriculture (MOA) is a national agency which was created to provide, among other services, technical guidance to the districts' extension services on some aspects relating to the implementation of a decentralisation policy in agricultural extension services (GOI, 1995b). Specifically, in relation to the strategy of decentralised agricultural extension services, the role of the centre is to institutionalise the districts' capabilities to plan and carry out agricultural extension services effectively.

The key central agencies of the MOA and the Ministry of Home Affairs (MHA) are responsible for policy formulation, technical guidance and monitoring functions related to decentralised agricultural extension services. Within the MOA, in addition to the CAE, there exist the Agency for Agricultural Education and Training (AAET) and the Agency for Agricultural Research and Development (AARD). The AAET conducts training for agricultural staffs, whereas the AARD conducts research and supervises the new technology assessment centres.

In addition, some Directorate Generals within the ministry provide technical guidance by sub-sectors, while the Mass Guidance (*Bimas*) organisation supports



intensive guidance strategies for food crops sub-sector. The MOA is also supplemented by offices at the provincial level such as Provincial Agricultural Office (*Kanwil Pertanian*), Agency for Agricultural Extension and Training or BLPP and Agency for Agricultural Technology Assessment or BPTP.

An array of local entities at several levels participates in agricultural extension services. These include regional government (provincial,

district)

for Regional Planning and Development (*Bappeda*). Additional extension related entities include the RECs,

implementation unit,

village institutions such as village co-operative units and farmer organisations.

The government's commitment to decentralisation policy implementation was strengthen by the Presidential Decree No. 8 of 1995 which had selected 26 pilot-project districts in 26 provinces to receive intensive supports in developing districts' autonomies. Two important objectives are to:

authority closer to local communities and resources in order to be more responsive to local needs and conditions,

development activities (GOI,

of agricultural extension,

encourage higher level of local participation and self-reliance,

transfer of agricultural technology to the farmers.

The joint-ministerial agreement in 1991 was further revised by the new ministerial agreement in April,

