The Strategy For Improving Competitiveness to win the ASEAN Economic Community (AEC)
The Strategy For Improving Competitiveness to win the ASEAN Economic Community (AEC)

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FOREWORD

The Malaysia Indonesia International Conference on Economics, Management and Accounting (MIICEMA) is an annual international conference that gathers academics and practitioners from Malaysia, Indonesia and around the World to facilitate the presentation and sharing of research findings particularly in the areas of economics and management.

Numerous benefits have been achieved from the sharing of knowledge and building of working relationships through presentations of working papers after the organisation of 16 series of the conference. The conference has become an important platform for academics to share information regarding current issues and new economic and business challenges prevalent in both South East Asia and globally.

As a continuation of the memorandum of understanding between Universiti Kebangsaan Malaysia, Universitas Syiah Kuala, Institut Pertanian Bogor, Universitas Muhammadiyah Surakarta and Universitas Bengkulu as the founding institutions of MIICEMA, 2016 is witnessing once again the organising of the 17th MIICEMA. Following the tradition of the long-established friendship, the honour of becoming the main organiser and host to the 17th MIICEMA has now been transferred to University of Jambi, Jambi through the Faculty of Economics and Business.

Through the organising of the conference, the research findings that will be presented by academics in various fields such as economics, management and accounting will surely become guides and models for other academics in developing the branches of knowledge and for the industry in managing and strengthening their businesses.

The chosen theme for this year MIICEMA is “The Strategy For Improving Competitiveness to win the ASEAN Economic Community (AEC)”. Global economic climate has been undergoing shocks that adversely affecting government and business organisations. The economic turmoil has been considered by few as the worst in the century that prudent and solid business strategies must make accurate market interpretation of both opportunities and constraints. With this in mind, the 17th MIICEMA aims to provide a platform for both academicians and practitioners to sit together and elaborate on these challenges.

The goals and objectives of this international conference are as follows:

- to become a platform for academics in the South East Asia to share latest research findings on economic, management and accounting issues.
- to identify emerging economic and business challenges prevalent in South East Asia and around the world amidst the 2016 economic turmoil.
- to gather input on new opportunities in the domain of business within the contexts of South East Asia and global amidst the 2016 economic turmoil.
- to sustain research collaborations that produce high impact outputs.
- to elevate the status of MIICEMA member institutions through presentation of internationally-recognised research results.

Following the phenomenal successes of the previous conferences, MIICEMA will be proudly brought to you again this October by University of Jambi, Jambi, Indonesia. This year MIICEMA will be organised in conjunction with the Seminar and Annual Meeting of the Western Division of Economics Institutions Cooperation. This is an annual event involving 27 state universities and several private universities that offer Economics programmes in Indonesia. In 2016, the Western Division of Economics Institutions Cooperation meeting will be hosted by the Faculty of Economics and Business, University of Jambi, Jambi, which will also serve as the main organizer of MIICEMA 2016.

This year MIICEMA highlights the current issue facing economies in the region thorough a theme of “The Strategy For Improving Competitiveness to win the ASEAN Economic Community (AEC)”. This theme is to be supported with few key tracks; Microeconomics, Macroeconomics, Monetary Economics, Public Economics, Regional and Urban Economics, International Economics, Natural Resource Economics, Industrial Economics, Labor Economics, Development Studies, Business, Management and Organization, Marketing, Finance, Human Resources, Financial Accounting, Managerial and Behavioral Accounting, Auditing, Accounting Information Systems, Public Sector Accounting, Social and Environmental Accounting, Islamic Economics, and other related areas.

This collection does not include the totality of the papers presented at the conference, as not all contributors submitted their written papers for publication.

Dr. Junaidi, SE, M.Si
Conference Chair
WELCOMING SPEECH
DEAN OF THE FACULTY OF ECONOMICS AND BUSINESS
UNIVERSITY OF JAMBI

I would like to welcome all participants to the 17th Malaysia Indonesia International Conference on Economics, Management and Accounting (MIICEMA) in Jambi, Indonesia. It is truly an honor and a privilege for Faculty of Economics and Business, University of Jambi to host this International conference.

I have no doubt in my mind, that this conference will be a worthwhile experience. We have an opportunity to learn each other from some of the best experts in different discipline. Hence I hope after the conference finished, we are enriched with a better understanding of contemporary issues in economics and business in South East Asia. Furhtermore, as the member of MIICEMA, we can enrich the network for some important aspects such as publication a student exchange.

I would like to express our sincere gratitude and appreciation to many individuals for their invaluable input to make succes this conference. I would also like to extend a special thank you to our Institutions’ partners for their support to organize this event successfully.

So, I wish you have a pleasant International Conference and enjoy your stay in Jambi.

Drs. H. Amril, ME
Dean of the Faculty of Economics and Business
University of Jambi
WELCOMING SPEECH RECTOR OF UNIVERSITY OF JAMBI

I extend my warm welcome to all of the distinguished speakers and participants of the 17th Malaysia Indonesia International Conference on Economics, Management and Accounting (MIICEMA) which held by Faculty of Economics and Business, in October 24-25, 2016.

As a Rector of University of Jambi, I am pleased to witness the 17th MIICEMA, it provides a unique opportunity for scholars, experts, researchers, to assemble and share ideas on critical issues and trends in economics and business. Furthermore, I hope this conference could develop the valuable network and international collaboration amongst universities in Indonesia and Malaysia, as well as to facilitate publications of research by Indonesia and Malaysia scholars in international journal.

I congratulate the Dean of Economics and Business, the chairman of the conference, all the renowned speakers and delegates for their participation that makes this conference possible. I welcome you all to University of Jambi.

As a part of the provincial cultural promotion, we hope you enjoy the entire traditional and unique cultural atmosphere. I urge you also to enjoy the beautiful of Muaro Jambi temple and Gentala Arsy Bridge. Muaro Jambi Temple as it has been revealed is the place of Buddhism taught not only for the ancient of Indonesian but for South Asia Countries.

Last but not least, we thank you to every person both that comes from internal and external organization who makes this conference conducted. Finally, I hope God bless you all as long as you follow the conference.

Prof. H. Johni Najwan, SH, MH, Ph.D
Rector of University of Jambi
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CONTENTS

FOREWORD ........................................................................................................................................... i

WELCOMING SPEECH DEAN OF THE FACULTY OF ECONOMICS AND BUSINESS UNIVERSITY OF JAMBI.................................................................................................................. ii

WELCOMING SPEECH RECTOR OF UNIVERSITY OF JAMBI......................................................... iii

CONTENTS ............................................................................................................................................... v

MANAGEMENT

MAPPING A TRUE SUPPLY NETWORK STRUCTURE: AN IMPLICATION TO THE PRACTICE OF SUPPLY CHAIN MANAGEMENT ............................................................... 3
Lokhman Hakim Osman*; Azhar Ahmad

ATTRIBUTION THEORY PERSPECTIVE TO OBSERVE THE IMPACT OF CULTURE TOWARD SERVICE FAILURE: IT’S IMPLICATION ON SERVICE INDUSTRY .............................. 21
Lizar Alfansi; Effed Darta Hadi; Ferry Tema Atmaja

THE CHARACTERISTICS OF THE ENTREPRENEUR AND THE DESIRE TO BECOME ENTREPRENEURS AMONG UNDERGRADUATE STUDENTS .................................................. 29
Ahmad Mardalis; Imron Rosyadi

THE EFFECT OF BRAND ASSOCIATIONS TOWARD BRAND EQUITY AND BRAND LOYALTY AS INTERVENING VARIABLE OF HONDA MOTORCYCLE IN JAMBI CITY ............. 37
Anaseputri Jamira*, Ade Oktavia**, Junaidi***

EFFECT OF REWARD MANAGEMENT ON JOB SATISFACTION ...................................................... 45
Azman Ismail¹, AnisAnisah Abdullah², Nurlizzaty Mohamad³

ANTECEDENTS OF TOURIST SATISFACTION AND ITS IMPACT ON LOYALTY TO A PARTICULAR DESTINATION ................................................................................................. 51
Effed Darta Hadi, Fachri Eka Saputra

MONETARY POLICY AND MACROECONOMIC RESPONSES: SVAR STUDY OF EGYPT .................. 59
Mohamed AseelShokr; Zulkefly Abdul Karim; Mohd. Azlan Shah Zaidi

THE STRATEGY FOR IMPROVING COMPETITIVENESS TO WIN THE ASEAN ECONOMIC COMMUNITY (AEC) USING THE ECONOMIC LANDSCAPE (CASE STUDY OF JAMBI PROVINCE) ........................................................................................................ 73
Budi Kurniawan¹, Susiwati Kristiarini²

E-RETAILING: CONSUMER MOTIVATION TO SHOP IN INDONESIA AND THAILAND ............. 79
Seprianti Eka Putri

STRATEGY MODEL OF OPTIMAZING FOR MINIMARKET RETAIL BUSINESS PERFORMANCE: STUDY IN JAKARTA AND BANDUNG, INDONESIA ................................................. 95
Syahmardi Yacob*, Sucherly**, Diana Sari**, AsepMulyana**

RURAL INDUSTRIAL MANAGEMENT: THE IMPLEMENTATION OF SIMPLE-BASED TECHNOLOGY IN SUPPORTING THE ECONOMIC RESILIENCE AS PERCEIVED BENEFITS........................................................................................................... 101
Slamet Widodo, Effed Darta Hadi, M Abdüh, Berto Usman

FACTORS INFLUENCING INTERNET USAGE AMONG WOMEN ENTREPRENEURS ...................... 113
Muhaini I.: Azhar Ahmad

THE SHARIA BANKING PERFORMANCE BASED ON ISLAMIC INDICES IN THE ASEAN COUNTRIES ......................................................................................................................... 121
Wiyadi¹, Sayekti Endah Retno Meilani², Rina Trisnawati³, Wahyu Pramessti⁴
PERFORMANCE OF ISLAMIC INDICES: RISK ADJUSTED RETURNS OF SHARIA COMPLIANT STOCKS (STUDY ON JAKARTA ISLAMIC INDEX AND DOW JONES ISLAMIC TURKEY FOR THE YEARS 2010-2014) .................................................. 129
Ade Banani, MMS1; Nur Afni Hidayatun2

HOW SPOUSAL SUPPORT AND WORK-FAMILY BALANCE CAN INFLUENCE TO CAREER SUCCESS? ................................................................. 141
Shofia Amin

KNOWLEDGE MANAGEMENT, STRATEGIC THINKING AND SUSTAINABLE COMPETITIVE ADVANTAGE IN SMALL ECONOMIC ENTERPRISE BATIK BASUREK INDUSTRY AT BENGKULU CITY ................................................................. 149
Praningrum; Muhartini Salim

UNDERSTANDING HOW SMEs CREATIVE INDUSTRIES CAN IMPROVE INNOVATION PERFORMANCE .......................................................... 157
Fachri Eka Saputra, Sularsih Anggarawati, Ferry Tema Atmaja,

THE ROLE OF STRATEGIC IMPLEMENTATION OF CORPORATE SOCIAL RESPONSIBILITY AS SUSTAINABLE DEVELOPMENT STRATEGIC CONSIDERATION FOR BASIC SITUATION MANAGEN DECISIONS MAKING IN BUSINESS COMPETITION ASEAN ECONOMIC COMMUNITY (AEC) (A QUALITATIVE STUDY AT PAMOR GANDA CRUMB RUBBER LTD) ................................................................. 165
Nila Aprila, Fenny Marietz, Riski Rian Nainggolan

CAN BALANCED SCORECARD BE APPLIED TO ANALYZE THE MISSIONS OF LOCAL GOVERNMENT? DOUBLE CASES OF INDONESIAN LOCAL GOVERNMENT MISSIONS ....... 177
Agung Riyardi*; Sri Wahjuni**; Latifah***; Widjojono***

PERCEPTION ON JUSTICE, TRUST AND TAX COMPLIANCE BEHAVIOUR IN MALAYSIA .................................................................................. 187
Sellywati Mohd Faizal*,Mohd Rizal Palil, Ruhanita Maelah, Rosiati Ramli**

STRATEGIES FOR INCREASING THE COMPETITIVENESS OF SMEs IN THE PROVINCE OF YOGYAKARTA SPECIAL REGION ENTERING THE ASEAN ECONOMIC COMMUNITY ......................................................... 197
Aftoni Sutanto* Alia Ariesanti**

ASSESSING SERVICE QUALITY LEVEL: A STUDY ON THE LIGHT RAIL TRANSIT (LRT). .................. 203
Mhd Suhaimi Ahmad; Mohd Daud Ismail; Nor Farisha Omar

COMMERCE ETHICS of MUHAMMAD PBUH’ AND UNIVERSAL VALUES IN ERA OF PROPHET HOOD ........................................................................... 213
Suwandi; Muhammad Hakimi Mohd Shafii ; Wan Nasyrudin Wan Abdullah

CALLING FOR KNOWLEDGE, STRONG INTENTION (NIAT), PRACTICAL WISDOM AND BUSINESS PERFORMANCE: ISLAMIC PERSPECTIVE ............................................. 227
Nur Adillah Binti Abdul Rahman; Noor Hasni Binti Juhdi (DBA)

THE EFFECT OF LIQUIDITY, PROFITABILITY AND DIVIDEND POLICY ON FINANCING DECISIONS ON BANKING COMPANIES LISTED IN INDONESIA STOCK EXCHANGE (IDX) WITH CONSIDERATION OF THE COMPANY’S GROWTH AS MODERATING VARIABLE ........... 233
Ahmad Nur Budi Utama

THE EFFECT OF OWNERSHIP AND MANAGEMENT STRUCTURE ON FINANCIAL PERFORMANCE ................................................................. 241
Iskandar 1), Tona Aurora Lubis 2)

REVIEW OF PERSONAL AND INTERPERSONAL MOTIVATIONS ON BEHAVIORAL INTENTIONS OF NON-DECEPTIVE CONSUMER: THE ROLE OF M-O-A MODEL ............................................. 245
Musnaini 1), Asrini2)

MODEL OF ENERGY CONSUMPTION AND COST EFFICIENCY OF FISHERMAN’S CATCH IN JAMBI PROVINCE
THE INFLUENCE OF SERVICE RECOVERY ON BRAND IMAGE OF PUBLIC SERVICE COMPANY: A LITERATURE REVIEW ................................................................. 255
Nasta Trilakshmi

EFFECT OF OWNERSHIP STRUCTURE AND MANAGEMENT STRUCTURE OF THE FIRM VALUE ................................................................................ 263
Zulkifli 1), Tona Aurora Lubis 2)

POSITIONING STRATEGY AND ITS RELATIONSHIP WITH FINAL DECISION OF PRIVATE UNIVERSITY IN JAMBI PROVINCE ................................................. 267
Indra Budaya

THE INFLUENCE OF BRAND PROMINENCE ON CONSUMER ATTITUDE AND PURCHASE INTENTION OF LUXURY FAKE PRODUCTS ........................................... 277
Mulyadi Raf*; Musnaini**

THE PSYCHOLOGICAL CONTRACT IN IMPROVING ORGANIZATIONAL CITIZENSHIP BEHAVIOR (OCB) AND THE ATTITUDE OF EMPLOYEES AS MEDIATOR VARIABLES (STUDY OF COMPARISON ON STATE-OWNED ENTERPRISES, REGIONAL-OWNED ENTERPRISES AND PRIVATE STATE-OWNED ENTERPRISES IN JAMBI PROVINCE) .................................................. 283
Sry Rosita

ANALYSIS OF INTELECTUAL CAPITAL, THE VALUE OF THE COMPANY TO FINANCIAL PERFORMANCE OF COMPANY (EMPIRICAL STUDY ON MANUFACTURING COMPANY IN BEI) ........................................................................ 291
Iwan Eka Putra

STRATEGY OF DIFFERENTIATION COMPETITIVENESS OF ISLAMIC BANKING: A LITERATURE REVIEW .................................................................................. 299
Anzu Elvira Zahara Tobing

SPREADING MISINFORMATION IN SOCIAL MEDIA: A CASE IN A RENOWNED PUBLIC UNIVERSITY .................................................................................... 299
Mohd Dzul Azzwan; Norma Mat Jusoh

THE ANALYSIS OF AGRICULTURAL EXTENSION OFFICERS’ COMPETENCE IN THE PROVINCE OF JAMBI ........................................................................... 305
Edison

HUMAN RESOURCE DEVELOPMENT OF LECTURER FROM THE WEST AND ISLAMIC PERSPECTIVES IN THE EFFORTS TO INCREASE THE COMPETITIVENESS OF ISLAMIC HIGHER EDUCATION (PTKI) ................................................................. 311
Dicki Hartanto

ROLE OF A SOCIAL MARKETING CAMPAIGN ON THE DECISION OF THE COMMUNITY TO PAY ZAKAT THROUGH INSTITUTE OF AMIL ZAKAT ........................................... 319
Sigit Indrawijaya

ECONOMICS

OPPORTUNITIES AND CHALLENGES OF TAX AMNESTY (ISLAMIC POLITICAL ECONOMIC ANALYSIS) ........................................................................ 327
Muhammad Sholahuddin

ANALYSIS OF RICE CONSUMPTION AND RICE IMPORT IN INDONESIA ............................................................................................................................. 331
Nanik Istianingsih, Rd. Ade T. Anjaya

THE ROLE OF SOCIAL CAPITAL ON THE LEVEL OF HOUSEHOLD EXPENDITURE IN JAMBI PROVINCE (STUDY OF URBAN AREAS) ........................................... 337
Dadang Hardiwan

MONEY ILLUSION EFFECT REDEMONINATION RUPIAH ......................................................................................................................... 343
Evan Stiawan
DETERMINANTS AND EXPORT COMPETIVENESS OF COFFEE: COMPARISON BETWEEN INDONESIA AND VIET NAM .......................................................... 349
  Zulkarnain Ishak

THE INFLUENCE OF ECONOMIC GROWTH AND ORIGINAL REGIONAL INCOME IN INDONESIA DURING THE PERIOD 2007 - 2014 ................................................. 357
  Deny Eko Purwanto; Pahrul Rozi

THE STATE OF LOCAL GOVERNMENT EFFICIENCY IN SUMATRA, INDONESIA ........... 365
  Roosemarina A. Rambe

MODEL FOR THE DEVELOPMENT OF PLANTATION-BASED GROWTH POLES VILLAGE .......................................................... 377
  Junaidi; Amri Amir; Hardiani

ESTIMATION AND ASSESSMENT OF LAND AND BUILDING TAX BASE OF RURAL URBAN SECTOR (PBB P2) AS A LOCAL TAX IN THE DISTRICT MUARO JAMBI ................. 385
  Halimah; Zanzami

STUDY OF FACTORS AFFECTING DEMAND FOR CREDIT AGRICULTURAL SECTOR AND CONTRIBUTION AGRICULTURAL SECTOR TO ECONOMY PROVINCE OF JAMBI .......................................................... 395
  Saidin Nainggolan

THE EFFECT OF ECONOMIC GROWTH AND THE LEVEL OF WAGES OF IN-MIGRATION JAMBI CITY .......................................................... 401
  Yulmardi

IMPACT ANALYSIS TITLED HUMAN DEVELOPMENT INDEX (HDI) ON POVERTY AND ECONOMIC GROWTH IN THE DISTRICT/ TOWN OF JAMBI PROVINCE ................. 407
  Ardi Afrizal

EFFECT GDP, INTERST RATE, INFLATION TO FDI ASEAN (5) .................................... 415
  Handri

CONTRIBUTION OF FARM NON FOOD CROPS SUB SECTOR ON JAMBI PROVINCE ECONOMY .......................................................... 423
  Yanuar Fitri

THE EFFECT OF FINANCIAL INCLUSION ON BANK EFFICIENCY IN A DUAL-BANKING SYSTEM .......................................................... 429
  Juzaili Juhari; Mariani Abdul-Majid

ANALYSIS OF MICRO, SMALL AND MEDIUM CREDITS AND ITS INFLUENCE ON AN EMPLOYMENT IN MICRO, SMALL AND MEDIUM ENTERPRISES (MSMEs) IN THE PROVINCE OF JAMBI .......................................................... 441
  Etik Umiyati

ANALYSIS OF INDUSTRIALIZATION AND ECONOMIC GROWTH IN JAMBI PROVINCE .......................................................... 449
  Erni Achmad

MODEL ANALYSIS FOR ANNUAL CROP PRODUCTION EFFICIENCY .......................................................... 457
  Kuswanto

ECONOMIC GROWTH, POVERTY, INCOME INEQUALITY AND UNEMPLOYMENT (STUDY IN ALL PROVINCES IN INDONESIA) .......................................................... 465
  Zulgani 1; Syaparuddin 2

FOREIGN DIRECT INVESTMENT IN INDONESIA AND ITS ROLE TO ECONOMIC GROWTH (Vector Auto Regression Model Approach) .......................................................... 471
  Siti Hodijah

ANALYSIS OF REGIONAL ECONOMIC GROWTH IN KERINCISEBLAT NATIONAL PARK (CASE STUDY KERINCI DISTRICT IN JAMBI) .......................................................... 479
  Adi Putra
## PREVALENCE FERTILITY WHICH CAUSED THE ECONOMIC AND SOCIAL CONDITIONS (SPATIAL ANALYSIS BY GEOGRAPHIC WEIGHTED LOGISTICS REGRESSION)
Fauzi Darwas

## THE INFLUENCE OF CREDIT BANKING, INVESTMENT, EXPORT AND GOVERNMENT SPENDING ON ECONOMICS GROWTH IN INDONESIA
Hasminidarti

## CONTRIBUTION OF AGRICULTURE SECTOR TOWARD GDP AND ELASTICITY OF LABOR ABSORPTION IN EAST TANJUNG JABUNG
Indria Mayesti

## DETERMINANT OF ECONOMIC GROWTH IN JAMBI (DEMAND APPROACH)
Irmelly

## EFFECTIVE EMPOWERMENT OF PEASANT FOOD
Navarin Karim

## DEVELOPMENT MODEL FOR MARITIME TOURISM POTENTIAL RELATED WITH THE PEOPLE COASTAL ECONOMY IN GORONTALO PROVINCE
Irawati Abdul; Irina Popoi; Zainudin Antuli

## MAIZE PROCESSING PRODUCTION DEVELOPMENT AS THE ECONOMIC DRIVEN OF PEOPLE IN GORONTALO PROVINCE
Amir Halid; Mohammad Ikbal Bahuwa; Zainudin Antuli; Irawati Abdul.

## BUDGET DEFICIT AND POLICY ANALYSIS IN THE PROVINCE OF JAMBI
Junaidi

## FISCAL DECENTRALIZATION AND TRADE BETWEEN PROVINCES IN SUMATRA: AN APPROACH GRAVITY MODEL
Khabri

## PERCEIVED SOCIO-ECONOMIC IMPACTS OF COAL FUELLED STEAM POWER PLANT PROPOSED TO ESTABLISH IN PULAU BAAI, BENGKULU, INDONESIA
Muhamad Abduh; Benardin

## THE EFFECT OF LOCAL FINANCIAL PERFORMANCE ON CAPITAL EXPENDITURE IN THE JAMBI PROVINCE GOVERNMENT
Yolanda; Zulfanetti

## INDONESIA’S EXPORT-IMPORT ANALYSIS: GRANGER CAUSALITY APPROACH
Syaparuddin

### ACCOUNTING

## IMPLEMENTATION OF PARTICIPATORY BUDGETING, TRANSPARENCY, ACCOUNTABILITY AND PERFORMANCE-BASED BUDGETING TO THE PERFORMANCE OF LOCAL GOVERNMENT UNIT
Baihaqi, Dri Asmawanti S

## THE INFLUENCE OF THE QUALITY OF HUMAN RESOURCES AND THE IMPLEMENTATION OF THE REGIONAL FINANCIAL ACCOUNTING ON THE QUALITY OF FINANCIAL REPORTS OF REGIONAL TASKFORCE WITH A SYSTEM OF INTERNAL CONTROL THE GOVERNMENT AS VARIABLE INTERVENING
Shylvia Andriani¹, Sri Rahayu², Iskandar Sam²

## INTELLECTUAL CAPITAL, FIRM VALUE AND FINANCIAL PERFORMANCE
Aida Irsyahma; Nikmah

## PERFORMANCE-BASED BUDGET, CLARITY OF OBJECTIVES, BUDGET REPORTING SYSTEM, OBSERVANCE OF LAWS AND REGULATIONS, AND PERFORMANCE ACCOUNTABILITY OF GOVERNMENT AGENCIES
Dri Asmawanti S, Baihaqi, Irawan Sahadi
THE EFFECT OF GOOD CORPORATE GOVERNANCE (GCG) ON FINANCIAL PERFORMANCE AND THE IMPLICATIONS ON FIRM VALUE ................................................................. 609
Khairiyani1, Sri Rahayu2

ANALYSIS IMPLEMENTATION OF GOVERNMENT ACCOUNTING STANDARDS BASED OF ACCRUAL IN OFFICE OF ASSETS MANAGEMENT AND REGIONAL FINANCIAL........................................ 619
Khairul Pahmi, Sri Rahayu, Misni Erwati

THE ANALYSIS OF TURNOVER INTENTION FACTORS AGAINST ACCOUNTANTS (EMPIRICAL STUDY ON FINANCING COMPANY IN BENGKULU CITY) ........................................ 627
Nurjoni Amiruddin, Madani Hatta, Zahrah Indah Ferina

THE MODERATING ROLE OF FIRM SPECIFIC FACTORS ON THE INFLUENCE OF ENTERPRISE AND CREDIT RISK MANAGEMENT ON FIRM PERFORMANCE OF INDONESIAN BANKING COMPANIES................................................................. 635
Saiful, Mentari Arizka

THE POLICY FOR SUSTAINABILITY REPORTING OF INDONESIA’S HIGHER EDUCATIONAL INSTITUTIONS .................................................................................. 647
Alia Ariesanti

THE EFFECT OF ACCOUNTABILITY AND TRANSPARENCY OF THE LOCAL GOVERNMENT FINANCIAL STATEMENTS QUALITY (LKPD) AND THE IMPLICATIONS OF FINANCIAL PERFORMANCE BENGKULU PROVINCIAL GOVERNMENT................................................................. 653
Nurna Aziza, Effed Darta Hadi, Hendri Marulitua Hutapea*, Andi Agus**

SYNERGIZING MANACIKA IN THE STRATEGIC MANAGEMENT ACCOUNTING: SOLUTION FOR THE STIGMA OF COOPERATION? ........................................ 665
Made Susilawati1, Unti Ludigdo2, Gugus Irianto3, Zaki Baridwan4

THE EFFECTS OF OWNERSHIP STRUCTURE AND FIRM CHARACTERISTICS TO PERFORMANCE AND RISK: THE ROLE OF THE QUALITY OF CORPORATE GOVERNANCE VARIABLE ........................................................................ 673
Triyono; Fatchan Achyani

EFFECT OF INCENTIVE EXECUTIVE, CORPORATE RISK AND CORPORATE GOVERNANCE ON TAX AVOIDANCE ...................................................................... 683
Pratana P. Midiastuty, Eddy Suranta, Rama Pramudya Kusuma

MAPPING THE REGULATIONS AND POLICY ON THE IMPLEMENTATION OF ACCRUAL ACCOUNTING IN INDONESIA AND JAMBI MUNICIPALITY ........................................................................ 693
Yudi1, Made Sudarma2, Ali Djamhuri2, Zaki Baridwan2

THE INFLUENCE OF GOVERNMENT AUDITOR’S KNOWLEDGE, ABILITY, AND SKILL TOWARDS THE EFFECTIVENESS OF AUDIT INVESTIGATION PROCESS ON FRAUD DETECTION IN INDONESIA ........................................................................ 703
Fitri Habiba Mahmuda*; Fachruzzaman**

RELATIONSHIP BETWEEN THE ACHIEVEMENT OF ECONOMIC GROWTH WITH DIFFERENT QUALITY OF FINANCIAL STATEMENTS AND DISTRICT/CITY IN SOUTHERN SUMATRA (SUMBAGSEL) ........................................................................ 713
Intan Purnama Sari; Fachruzzaman

ANTECEDENTS OF ENTERPRISE RISK MANAGEMENT (ERM) IMPLEMENTATION AND ITS CONSEQUENCE TO INDONESIAN BANKS’ CREDIT RISK ........................................................................ 721
Husaini*; Saiful**

THE EFFECT OF CORPORATE SOCIAL RESPONSIBILITY, CORPORATE GOVERNANCE, AUDIT QUALITY, AND LEVERAGE ON INCOME SMOOTHING (EMPIRICAL STUDY ON MINING COMPANIES LISTED IN INDONESIAN STOCK EXCHANGE) ........................................................................ 731
Rini Indriani; Nur’a‘in
INDIVIDUAL CAPACITY AND USE OF ACCOUNTING INFORMATION IN MAKING FINANCIAL STATEMENTS IN SMALL BUSINESS IN BENGKULU ........................................741
   Isma Coryanata

ROLE OF THE INTERNAL AUDITOR GOVERNMENT TO REALIZE THE LOCAL GOVERNMENT NET ..........................................................761
   Rahayu; Sri Rahayu

THE PERCEPTION OF NEW ACCOUNTANTS ABOUT SUSTAINABILITY REPORTING (Study at University of Bengkulu) ..........................................................769
   Fenny Marietza; Nila Aprila; Nidya Lestari

THE EFFECT OF SHAREHOLDING, PROFITABILITY, LEVERAGE, FIRM SIZE AND INDEPENDENT COMMISSIONER ON TAX AVOIDANCE: TESTING IN GROUP AND NON GROUP FIRM ...............................................777
   Eddy Suranta; Pratana Puspa Midiastuty; Afrizal Saputra

EFFECT VOLATILITY OF COMPREHENSIVE INCOME AND FAIR VALUE APPLICATIONS TO RETURN AND VOLATILITY OF SHARE PRICE (STUDIES IN THE BANKING COMPANY LISTED ON THE INDONESIAN STOCK EXCHANGE) ........................................777
   Madani Hatta; Naeyza Islamey Ningrum
MAIZE PROCESSING PRODUCTION DEVELOPMENT AS THE ECONOMIC DRIVER OF PEOPLE IN GORONTALO PROVINCE

Amir Halid; Mohammad Ikbal Bahuwa; Zainudin Antuli; Irawati Abdul.
Gorontalo State University

Abstract. The objectives of this research are to 1) explore the profile of maize farmer enterprise in Gorontalo regency; 2) to identify the characteristic of the members of home industry group in Todito village at Pulubala sub-district, and 3) Batudaa sub-district; 4) Economic analysis for maize stick tasted with shrimp from Limboto lake; 5) Economics analysis for Sweat Maize Dodol with used survey method. This research was conducted from August to September 2016 by using descriptive, SWOT and economics analysis. The results shows that 1) Groups of farmers in Dunggala village, Batudaa sub-district consist of 8 groups, 187 members, with 157.3 Ha of maize field. At Pulubala Sub-district has more groups of farmer with 32 groups in Puncak Village with the farming area at 701.21 Ha. Farmers at Todito outnumber those in the other villages with 705 members; 2) Demography aspect for home industry members: at Toidito village is dominated by women (80%); 3) and demography aspect for home industry at Barakati village is about 100% dominated by women; 4) Economics analysis for home industry for Maize Stick with tasted by Shrimp from limboto Lake is profitable if the in-come reaches above break even Rp 120.000,- if production is over of breakeven point is 11,975 gram and will follow of the price over of breakeven point about Rp 52.500; 5) Economics analysis for home industry for Dodol sweat maize are profitable if the income reaches over breakeven point is Rp 170,174, if production surpasses breakeven point 6.90 basket and if the price is over of breakeven point is about 19.550.

Key words: Processing Maize Production Development and Economic Driven

INTRODUCTION

Since Gorontalo became a Province on February 12th 2000, the government has considered agriculture as the entry point of corn that is profitable for exporting. However, it has not been cultivated optimally with the support of technological inputs, without ignoring the aspects of sustainable corn farming.

Corn has many advantages, such as processing to food products, such as corn sticks, corn oil, poultry and fish feed. In addition, corn grain products and corn waste can be processed into variety of products, e.g. ruminant feed, organic fertilizer, charcoal, the basic material of clothes, tablecloth and other unique products.

Based on the survey that the corn seed (yield) in Gorontalo is used only for daily meal are exported to other cities in Indonesia or to another countries. Seed corn (yield) is not processed into products that boost the economic value. The price comparison corn kernels 1 kg Rp. 3,200 if it has been processed into animal feed prices. It is 5 times from the original price if it is not processed. Processing the kernels into a basic ingredient of animal feed will increase the economic value of the product.

The role of the agricultural sector significantly contributes (28%) to the GDP of Gorontalo District, along with the service sectors (23%). Because people in most districts in Gorontalo worked in the agricultural sector of food crops (rice and corn), plantation crops (coconut) and fisheries. The development of maize cultivation in Gorontalo district need to be improved due to the potential and the land size. The steps to solved problem of maize plantations must be in accordance with local characteristics, social, economic and institutional capacities in the community because almost 90% of corn plantation is smallholder agriculture.

Baruwadi (2009) clarifies that household income for farmers from maize farming in Gorontalo reaches 64.03%. This emphasizes proved the high dependence of farmers on corn as a source of household income. In Anonymous (2012) explained that in the last five years, the national corn demand for industrial materials feed, food and beverages increased by ± 10% -15% / year. In 2010, 34,200 tons of maize products in Gorontalo are exported to countries, such as Malaysia, South Korea, Japan, and Philippines. To export, Gorontalo corn production is also absorbed by the local market through between regions amount 104,810 tons of which 88,225 tons Surabaya and Jakarta 16,858 tons.

Friedemann (1990), showed that empowerment is an "alternative development" on the model of development center to growth. Some points that should be addressed in the first place are trusts: first, country is the problem of development showed development of alternatives to eject even against the country; second, could are not wrong and the public is an independent association; Third, community actions had capable and sufficient to realize the alternative development without state interference. Kartasasmita, 2009 claims community empowerment as the development concept on which it originates.
from the community. The concept of community empowerment consists the notion of community development (community development) and development focused on the community (community based development).

**METHODOLOGY**

This research was conducted in the district and sub district Bongomeme, Tibawa, Gorontalo regency and to the research start from January 1 to December 2016. Furthermore, the method of selecting respondents employed several methods in the two groups of respondents (group home and organization groups). The households employed simple random sampling method, while the agency unit used purposive method. Total sample of households take 200 respondents consist of 40 respondents from each sample location. While the organization groups interviewed unit adapted to the number of units existing organization in each country, it is estimated the number of units of organization interviewed about 15-20 organization for each sample location.

The research method will used in the program, activities and output produced for each year of implementation of activities. In early 2016, the output are: 1) Potential of socio-economic household, including institutional corn farmer. 2) Formulation Hierarchical strategy and on the development of government policy on product development of corn processed. 3) Output products and their sales outlets in refined product sales. Meanwhile output in 2017: 1) Control the use of tools / technology products processing corn. 2) Improvement on insight and institutional team work. 3) Developing the ability to access the market. And output in 2018: 1) Products Processed competitive. 2) Model of Institutional Agribusiness Corn. 3) Skills to access market information.

1. Observation
   Observation techniques used to obtain data and information on the resource potential of agriculture to research data and other relevant information.

2. Interview
   Interview was employed to generate the data and information, formulating strategies and empowerment of maize farmer.

3. Questionnaire
   Mechanical questionnaire was employed to collect data and information on the resource potential analysis of maize agriculture based on comparative advantage, competitive and influence to empower farmers through maize product and corn waste into productive economic commodity corn to drive farmers income.

4. Focus Group Discussion (FGD).
   Techniques Focus Group Discussion (FGD) was used to complete the data and research information, during the conduct data collection and information the draft of research reports.

**RESULT AND DISCUSSION**

**Maize Farmer Profile in Gorontalo District**

Table 1 reveals the difference in the number of groups in each village. They consist of two groups of farmers of corn, even up to 8 groups of farmers of corn, with an average of 4 groups of crop farmers to every village in the Batudaa village. The groups that exist in each of these villages have the members of the group which is quite diverse and numerous, ranging from 49 members of the group, up to 187 members of the group to the village. Dunggala village district.Batudaa has a number of groups, include 8 corn farmer groups and also the number of group members, include 187 members of farmers of maize compared with other villages in the district Batudaa. The lowest amount of maize farmer groups villages is in Bua and Iluta village which only consisted of two corn farmer groups, while Payunga village has more groups with 49 members. On average, the number of members of maize farmer groups in 8 villages in the district Batudaa is reached 87 people, with total members is 693.

The number of groups and its members the high total compared to other villages in the district Batudaa, corn farmers Dunggala, Pilobuhuta, and Huntu which the corn cultivated is the most wide reached 157.3 Ha; 105.9 Ha; and 103.6 Ha. The smallest corn crop in Bua Village area of 40.1 hectares. The total area of cultivated corn crop in the district. Batudaa can be reached 615.65 Ha; with an average area of arable corn is 76.96 hectares for every village in the district Batudaa.
Table 1. Data of Group, Member Total, and Land Area in Subdistrict of Batudaa, Gorontalo District

<table>
<thead>
<tr>
<th>Number</th>
<th>Village Name</th>
<th>Total Group of Village</th>
<th>Total of members in Group</th>
<th>Land Area (Ha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Barakati</td>
<td>3</td>
<td>69</td>
<td>62</td>
</tr>
<tr>
<td>2</td>
<td>Iluta</td>
<td>2</td>
<td>49</td>
<td>41.5</td>
</tr>
<tr>
<td>3</td>
<td>Bua</td>
<td>2</td>
<td>53</td>
<td>40.1</td>
</tr>
<tr>
<td>4</td>
<td>Huntu</td>
<td>5</td>
<td>101</td>
<td>103.6</td>
</tr>
<tr>
<td>5</td>
<td>Pilobuhuta</td>
<td>5</td>
<td>112</td>
<td>105.9</td>
</tr>
<tr>
<td>6</td>
<td>Puyunga</td>
<td>3</td>
<td>47</td>
<td>39.75</td>
</tr>
<tr>
<td>7</td>
<td>Dunggala</td>
<td>8</td>
<td>187</td>
<td>157.3</td>
</tr>
<tr>
<td>8</td>
<td>Iluhungayo</td>
<td>4</td>
<td>75</td>
<td>65.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>32</strong></td>
<td><strong>693</strong></td>
<td></td>
<td><strong>615.65</strong></td>
</tr>
<tr>
<td><strong>Average</strong></td>
<td><strong>4</strong></td>
<td><strong>87</strong></td>
<td></td>
<td><strong>76.96</strong></td>
</tr>
</tbody>
</table>

Table 2 showed that the villages in Pulubaladistrict have a lot corn farmer, from 13 to 32 groups in the village. This indicates that the majority of people work in Pulubala District are corn farming. The members in each group in each village to approximately 300 members of the group, even some villages has 500 more members of the group. The high of the village in the district. Pulubala consists of 30 maize farmer groups with a total membership of the second largest group after village Molamahu (563 members). The number of the lowest maize farmer groups is in village Tridarna Maolalahui, each consisting of 13 corn farmer groups. The number of members of each group are 295 and 318. The average number of members of maize farmer groups in 11 villages in Pulubala district are 462 people, with 5077 members in total.

Table 2. Data of Group, Member Total, and Land Area in Subdistrict of Pulubala, Gorontalo District

<table>
<thead>
<tr>
<th>Number</th>
<th>Village Name</th>
<th>Total Group of Village</th>
<th>Total of members in Group</th>
<th>Land Area (Ha)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pulubala</td>
<td>20</td>
<td>400</td>
<td>427.5</td>
</tr>
<tr>
<td>2</td>
<td>Tridarma</td>
<td>13</td>
<td>295</td>
<td>300.93</td>
</tr>
<tr>
<td>3</td>
<td>Molalahu</td>
<td>13</td>
<td>318</td>
<td>276</td>
</tr>
<tr>
<td>4</td>
<td>Toyidito</td>
<td>25</td>
<td>705</td>
<td>579.5</td>
</tr>
<tr>
<td>5</td>
<td>Molamahu</td>
<td>30</td>
<td>584</td>
<td>624.71</td>
</tr>
<tr>
<td>6</td>
<td>Bakti</td>
<td>28</td>
<td>529</td>
<td>640.5</td>
</tr>
<tr>
<td>7</td>
<td>Pongongaila</td>
<td>21</td>
<td>495</td>
<td>504.5</td>
</tr>
<tr>
<td>8</td>
<td>Mulyonegoro</td>
<td>20</td>
<td>405</td>
<td>439</td>
</tr>
<tr>
<td>9</td>
<td>Puncak</td>
<td>32</td>
<td>563</td>
<td>701.21</td>
</tr>
<tr>
<td>10</td>
<td>Ayumolingo</td>
<td>21</td>
<td>406</td>
<td>435.25</td>
</tr>
<tr>
<td>11</td>
<td>Bukit Aren</td>
<td>20</td>
<td>377</td>
<td>391</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>243</strong></td>
<td><strong>5077</strong></td>
<td></td>
<td><strong>5320.1</strong></td>
</tr>
<tr>
<td><strong>Average</strong></td>
<td><strong>22</strong></td>
<td><strong>462</strong></td>
<td></td>
<td><strong>483.65</strong></td>
</tr>
</tbody>
</table>

The village which has the largest corn crop cultivated in the district is located in the village Pulubala with the land area is 701.21 hectares. Bakti and Molamahu are the second and third largest with the area reaches 640.5 Ha and 624.71 Ha respectively. The average cultivation area of villages in Pulubala is 483.65 Ha; with the total area 5320.1 hectares.

People Characteristics to Household Toidito Village Pulubala Sub District

**Gender**

The tabulated results of the questionnaire related to the characteristics of a people based on gender in Table 3 below:
Table 3. People Characteristics Based on Gender

<table>
<thead>
<tr>
<th>Number</th>
<th>Gender</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Male</td>
<td>20</td>
</tr>
<tr>
<td>2.</td>
<td>Female</td>
<td>80</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Table 3 showed that people in the group of households in Pulubala Subdistrict consist of 20% men and 80% women. These results showed the group of households dominated by women.

**Age**

The tabulated results of the questionnaire related to the characteristics of a people based on age in Table 4 below:

Table 4. People Characteristics Based on Age

<table>
<thead>
<tr>
<th>Number</th>
<th>Age (Year)</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>20 – 30</td>
<td>40</td>
</tr>
<tr>
<td>2.</td>
<td>31 – 40</td>
<td>20</td>
</tr>
<tr>
<td>3.</td>
<td>41 – 50</td>
<td>30</td>
</tr>
<tr>
<td>5.</td>
<td>&gt; 50</td>
<td>10</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Table 4 showed that the age of the people to the group of households in Pulubala Subdistrict showed diversity, the range from age 20 years old to 50 years old. Most people living in households dominated by 20-30 years old by 40%, then 41-50 years old by 30%, then 31-40 years old by 20% and the rest was followed by the oldest old people above 50 years old. These results prove that the majority of people who encountered are individuals who are productive padamasa (located in the working lives).

**Education Level**

The tabulated results of the questionnaire related to the characteristics of a people based on education level in Table 5 below:

Table 5. People Characteristics Based on Education Level

<table>
<thead>
<tr>
<th>Number</th>
<th>Education Level</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Elementary School/equivalent</td>
<td>50</td>
</tr>
<tr>
<td>2.</td>
<td>Junior High School/ equivalent</td>
<td>10</td>
</tr>
<tr>
<td>3.</td>
<td>Senior High School/ equivalent</td>
<td>40</td>
</tr>
<tr>
<td>4.</td>
<td>D3/S1/S2</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Table 5 showed that people with the highest education level for elementary school is 50%. People with secondary school education level is 10%. Furthermore, people with the highest education level of high school /equivalent at 40%, and for the level of D3 / S1 / S2 no or 0%. From the above results indicate that a majority of the Group of Households dominated by people who have a level of education on elementary school, but it does not affect the productivity of social labor incorporated in the Household in Pulubala subdistrict.

**Side Job**

The tabulated results of the questionnaire related to the characteristics of a people based on main job and side job in Table 6 below:

Table 6. People Characteristics Based on Main Job

<table>
<thead>
<tr>
<th>Number</th>
<th>Job</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Farmer</td>
<td>30</td>
</tr>
<tr>
<td>2.</td>
<td>Fisherman</td>
<td>0</td>
</tr>
<tr>
<td>3.</td>
<td>Non Farmer</td>
<td>70</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016
Table 7. People Characteristics Which hasSide Job

<table>
<thead>
<tr>
<th>Number.</th>
<th>Status</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Have</td>
<td>70</td>
</tr>
<tr>
<td>2.</td>
<td>Does not have</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Based on Table 6 and 7 showed that people who work as farmers is 30% and the remaining 70% are people who work not as a farmer (non-agricultural). This showed that the people who joined the group Households in the Pulubalasubdistrict mostly not as farmers, even none of the fishermen.

Residence Status and Length of Stay

The tabulated results of the questionnaire related to the characteristics of a people based on residence status and length of stay in Table 8 below:

Table 8. People Characteristics Based on Residence Status

<table>
<thead>
<tr>
<th>Number.</th>
<th>Status</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Local People</td>
<td>100</td>
</tr>
<tr>
<td>2.</td>
<td>Immigrants</td>
<td>0</td>
</tr>
<tr>
<td>3.</td>
<td>Foreigner</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Table 9. People Characteristics Based on Length of Stay

<table>
<thead>
<tr>
<th>Number.</th>
<th>Status</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>3-5 Years</td>
<td>50</td>
</tr>
<tr>
<td>2.</td>
<td>6-10 Years</td>
<td>0</td>
</tr>
<tr>
<td>3.</td>
<td>10 Years Above</td>
<td>50</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Based on Table 8 showed that the whole of society incorporated in the Household are local peoples, not immigrants nor foreigners. From Table 9 shows that the majority (50%) of the population lived 3-5 years length of stay, and the majority (50%) again had more than 10 years length of stay.

People Characteristics Households Barakati Village BatudaaSubdistrict

Gender

The tabulated results of the questionnaire related to the characteristics of a people based on gender in Table 10 below:

Table 10. People Characteristics Based on Gender

<table>
<thead>
<tr>
<th>Number.</th>
<th>Gender</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Male</td>
<td>0</td>
</tr>
<tr>
<td>2.</td>
<td>Female</td>
<td>100</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Based on Table 10 showed that all peoples should in the household is a woman that is equal to 100%. It showed a group of households in Batudaa dominated by women, while men do not exist who participated in the group of households.

Age

The tabulated results of the questionnaire related to the characteristics of a people based on age in Table 11 below:

Table 11. People Characteristics Based on Age

<table>
<thead>
<tr>
<th>Number.</th>
<th>Age (Years)</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>20 – 30</td>
<td>10</td>
</tr>
<tr>
<td>2.</td>
<td>31 – 40</td>
<td>50</td>
</tr>
<tr>
<td>3.</td>
<td>41 – 50</td>
<td>40</td>
</tr>
<tr>
<td>5.</td>
<td>&gt; 50</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016
Based on Table 11 showed that the age of the people who are members of households in Batudaa showed the diversity, from the age of 20 to 50 years old. Most people living in households dominated by people aged 31-40 years old percentage 50%, then people aged 41-50 years old percentage 40%, then the people aged 20-40 years old percentage 10%; and no people over 50 years old and the oldest incorporated in household groups. These results prove that the majority of people who encountered are individuals who are productive padamasa (located in the working lives).

**Education Level**

The tabulated results of the questionnaire related to the characteristics of a people based on Education Level in Table 12 below:

<table>
<thead>
<tr>
<th>Number.</th>
<th>Education Level</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Elementary School/equivalent</td>
<td>30</td>
</tr>
<tr>
<td>2.</td>
<td>Junior High School/ equivalent</td>
<td>20</td>
</tr>
<tr>
<td>3.</td>
<td>Senior High School/ equivalent</td>
<td>50</td>
</tr>
<tr>
<td>4.</td>
<td>D3/S1/S2</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

*Source: Primary data processed, 2016*

Based on Table 12 showed that people with the highest education level for elementary school by 30%. Peoples with secondary school education level is only 20%. Furthermore, people with the highest education level of high school / equivalent at 50%, and for the level of D3 / S1 / S2 no or 0%. From the above results show that a majority of the Group of Households in Batudaa dominated by individuals who have a high school education level. These results suggest that in addition to having high labor productivity, the local community has enough knowledge to manage the farm, especially the Group of Households in Batudaa.

**Main Job and Side Job**

The tabulated results of the questionnaire related to the characteristics of a people based on main job and side job in Table 13 below:

<table>
<thead>
<tr>
<th>Number.</th>
<th>Job</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Farmer</td>
<td>20</td>
</tr>
<tr>
<td>2.</td>
<td>Fisherman</td>
<td>0</td>
</tr>
<tr>
<td>3.</td>
<td>Non-Farmer</td>
<td>80</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

*Source: Primary data processed, 2016*

Based on Table 13 showed that people who work as farmers reached 20% and the remaining 80% are people who work not as a farmer (non-agricultural). It showed that the people who are members of the Group of Households in the district. Batudaa mostly not as a farmer, but mostly as office workers, even none of the fishermen. Judging from Table 14 amount 40% of people have a second job, and the remaining 60% do not have a second job. This proves that the people who joined the group Households in the district. Batudaa not just focus on the main job, but still look for other income, especially in the field of agriculture.

**Residence Status and Length of Stay**

The tabulated results of the questionnaire related to the characteristics of a people based on residence status and length of stay in Table 8 below:
Table 15. People Characteristics Based on Residence Status

<table>
<thead>
<tr>
<th>Number</th>
<th>Status</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Local People</td>
<td>100</td>
</tr>
<tr>
<td>2.</td>
<td>Immigrants</td>
<td>0</td>
</tr>
<tr>
<td>3.</td>
<td>Foreigner</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Table 9. People Characteristics Based on Length of Stay

<table>
<thead>
<tr>
<th>Number</th>
<th>Status</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>3-5 Years</td>
<td>100</td>
</tr>
<tr>
<td>2.</td>
<td>6-10 Years</td>
<td>0</td>
</tr>
<tr>
<td>3.</td>
<td>10 Years Above</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Source: Primary data processed, 2016

Based on Table 16, showed that the majority of the peoples together with the group Households are locals or indigenous peoples, not immigrants or foreigners. According to Table 16, it is showed that the public has long been domiciled for 3-5 Years.

The Economic Analysis of Limboto lake Shrimp Corn Stik

1. Break Event Point (BEP) Analysis

\[
\text{BEP Revenue (Rp)} = \frac{FC}{1 - \frac{RC}{PE}}
\]

\[
= \frac{VU}{1 - \frac{VU}{PS}}
= \frac{VU}{1 - 0.20}
= \frac{100.000}{0.80}
\]

BEP Revenue (Rp) = 120.000

\[
\text{BEP production (gram)} = \frac{KU}{P - \frac{KC}{g}}
\]

\[
= \frac{119.500}{10.000 - \frac{26.5}{2.000}}
= \frac{119.500}{10.000 - 13.250}
= \frac{119.500}{6.750}
= 17.979.5
\]

BEP production (gram) = 17.979.5

\[
\text{BEP peneb(Rp)} = \frac{TC}{Q}
\]

\[
= \frac{157.500}{3.000}
= 52.500
\]

b. \( \text{BEP peneb(Rp)} = \text{Rp} 120.000 \)
The domestic industry would benefit if acceptance is obtained exceeds the limit of USD 120,000 of the BEP, otherwise households industry will losses if the receipts obtained less than the BEP.

c. **BEP\text{production} = 11.975 \text{ Gram}**

The domestic industry would benefit if production were obtained exceeds the limit BEP is 11.975 Gram domestic industry would not gain benefit if production is less than the BEP.

d. **BEP\text{price} = Rp. 52.500**

The domestic industry would benefit if the price obtained exceeds the limit BEP is Rp. Conversely 52,500 domestic industry would loses its advantage if prices gained less than the BEP. The break event point corn stick curve taste shrimp Limboto Lake, below:

![Figure 2. Break Event Point Curve of Limboto Lake Shirmp Corn Stick](image)

### Table 17. Limboto Lake Shirmp Corn Stick Variabel Cost

<table>
<thead>
<tr>
<th>Variabel Cost</th>
<th>Total (Rp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Kg Lokal Corn/Motorokiki</td>
<td>12,000</td>
</tr>
<tr>
<td>1 Kg Lake Shrimp</td>
<td>15,000</td>
</tr>
<tr>
<td>500 Gr Tapioca Flour</td>
<td>9,000</td>
</tr>
<tr>
<td>100 Gr Garlic</td>
<td>5,000</td>
</tr>
<tr>
<td>1 Sdm salt</td>
<td>500</td>
</tr>
<tr>
<td>250 Gr Sugar</td>
<td>4,000</td>
</tr>
<tr>
<td>2 Kg Fried Oil</td>
<td>26,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>61,500</td>
</tr>
</tbody>
</table>

Variable cost is change in proportion to the business activity or the amount of the marginal cost of all units produced. The table reveals that the number of variable Limboto lake shrimp corn stick is Rp. 61,500 with a raw material that is 1 Kg of local corn for Rp. 12,000.

### Table 18. Shrimp Corn Stick Fixed Cost.

<table>
<thead>
<tr>
<th>Fix Cost</th>
<th>Total (Rp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>plastic packaging</td>
<td>11,000</td>
</tr>
<tr>
<td>Labor</td>
<td>50,000</td>
</tr>
<tr>
<td>Gas</td>
<td>10,000</td>
</tr>
<tr>
<td>rental equipment for a grinders /hour</td>
<td>15,000</td>
</tr>
<tr>
<td>Electric/hour</td>
<td>10,000</td>
</tr>
<tr>
<td><strong>total</strong></td>
<td>96,000</td>
</tr>
</tbody>
</table>

Fixed Cost are the costs that does not depend on the level of goods or services output that produced by the business. The table shows that the total of fixed costs of shrimp corn is Rp. 96,000 which consists of the cost of plastic packaging, labor, gas, rental equipment for a grinders and electric.

### Table 19. Shrimp Corn Stick Total Cost

<table>
<thead>
<tr>
<th>Biaya Total</th>
<th>Total (Rp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variabel Cost</td>
<td>61,500</td>
</tr>
<tr>
<td>Fix Cost</td>
<td>96,000</td>
</tr>
<tr>
<td><strong>Total Cost</strong></td>
<td>157,500</td>
</tr>
</tbody>
</table>
The total cost was the amount of variable costs and fixed costs. Based on the table the shrimp corn stick total costs is Rp. 157,500.

**Table 20. Shrimp Corn Stick Revenue**

<table>
<thead>
<tr>
<th>Description</th>
<th>Production</th>
<th>Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>3,000 gr</td>
<td>10.000/100 gr</td>
<td>300,000</td>
</tr>
</tbody>
</table>

The Revenue is all income received from economic activities without deducting the total production expenditure. Based on the table the shrimp corn stick total revenue is Rp. 300,000.

**Table 21. Shrimp Corn Stick Profit**

<table>
<thead>
<tr>
<th>Description</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>300,000</td>
</tr>
<tr>
<td>Total Cost</td>
<td>157,500</td>
</tr>
<tr>
<td>Revenue (1-2)</td>
<td>142,500</td>
</tr>
</tbody>
</table>

Profit is the total revenue after deducting the total cost of production. Based on the table, the shrimp corn stick profit is Rp. 142,500.

**Economics Analysis of Sweet Corn Dodol**

1. **Break Event Point (BEP) Analysis**

   - **BEP Revenue (Rp)**
     
     \[
     \text{BEP Revenue (Rp)} = \frac{FC}{1 - \frac{P}{c}}
     \]
     
     \[
     = \frac{119,500}{1 - \frac{70,000}{150,000}}
     \]
     
     \[
     = \frac{119,500}{0.70}
     \]
     
     \[
     = 170,714
     \]

   - **BEP Production (bucket)**
     
     \[
     \text{BEP Production (bucket)} = \frac{FC}{P - \frac{c}{x}}
     \]
     
     \[
     = \frac{119,500}{25,000 - \frac{70,000}{10}}
     \]
     
     \[
     = \frac{119,500}{25,000 - 7,600}
     \]
     
     \[
     = \frac{119,500}{17,400}
     \]
     
     \[
     = 6.90
     \]

   - **BEP Price (Rp)**
     
     \[
     \text{BEP Price (Rp)} = \frac{19}{6.90}
     \]
     
     \[
     = 19.550
     \]

   - **BEP Revenue = Rp 170,174**
     
     The home industry will get a profit when the revenue more than break event point value Rp. 170,174 otherwise home industry would suffer losses if the revenue obtained less than the break-even point.

   - **BEP Production = 6.90 bucket**
The home industry will get a profit when the production is more than break event point value 6.90 bucket, otherwise home industry would suffer losses if the production obtained less than the break-even point.

\[ \text{BEP}_{\text{price}} = \text{Rp. 19,550} \]

The home industry will get a profit when the price is more than break event point value Rp.19,550, otherwise home industry would suffer losses if the price obtained less than the break-even point. Here is a corn dodol break event point curve.

![Corn Dodol break event point curve](image)

Table 3. Corn Dodol break event point curve

<table>
<thead>
<tr>
<th>Variabel Cost Corn Dodol</th>
<th>Total (Rp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Kg Sweet Corn</td>
<td>20,000</td>
</tr>
<tr>
<td>500 ml coconut milk</td>
<td>8,000</td>
</tr>
<tr>
<td>650 Gr sugar</td>
<td>12,500</td>
</tr>
<tr>
<td>300 Gr brown sugar</td>
<td>5,000</td>
</tr>
<tr>
<td>2 pack Full Cream milk</td>
<td>7,000</td>
</tr>
<tr>
<td>125 Gr butter</td>
<td>4,000</td>
</tr>
<tr>
<td>250 Gr Sticky Rice</td>
<td>5,000</td>
</tr>
<tr>
<td>1 pack Food Colour</td>
<td>500</td>
</tr>
<tr>
<td>50 Gr rice</td>
<td>2,000</td>
</tr>
<tr>
<td>3 pack Vanila</td>
<td>2,000</td>
</tr>
<tr>
<td>Gas</td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>76,000</strong></td>
</tr>
</tbody>
</table>

Variable costs is the costs that change proportionally to the business activity or the amount of the marginal cost of all units produced. The table above shows that the number of variables corn dodol is Rp. 76,000 based on the main material is 1 kg of sweet corn for Rp. 20,000.

Table 4. Corn Dodol Fixed Cost

<table>
<thead>
<tr>
<th>Fix Cost</th>
<th>Total (Rp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic packaging</td>
<td>10,000</td>
</tr>
<tr>
<td>Plastic binding</td>
<td>7,500</td>
</tr>
<tr>
<td>Labor</td>
<td>50,000</td>
</tr>
<tr>
<td>15 Bucket</td>
<td>52,500</td>
</tr>
<tr>
<td><strong>Jumlah</strong></td>
<td><strong>119,500</strong></td>
</tr>
</tbody>
</table>

Fixed Cost are the costs that does not depend on the level of goods or services output that produced by the business. The table shows that the total of fixed costs of corn dodol is Rp. 96,000 which consists of the cost of plastic packaging, Plastic Binding, labor and bucket.

Table 5. Total Cost Maize Dodol

<table>
<thead>
<tr>
<th>Biaya Total</th>
<th>Total (Rp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variabel Cost</td>
<td>76,000</td>
</tr>
<tr>
<td>Fix Cost</td>
<td>119,500</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>195,500</strong></td>
</tr>
</tbody>
</table>
The total cost was the amount of variable costs and fixed costs. Based on the table the corn dodol total costs is Rp. 195,500

<table>
<thead>
<tr>
<th>Description</th>
<th>Production</th>
<th>Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>10 Bucket</td>
<td>25,000/</td>
<td>250,000</td>
</tr>
</tbody>
</table>

The Revenue is all income received from economic activities without deducting the total production expenditure. Based on the table the corn dodol total revenue is Rp. 250,000

<table>
<thead>
<tr>
<th>Description</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>250,000</td>
</tr>
<tr>
<td>Total Cost</td>
<td>119,500</td>
</tr>
<tr>
<td>Profit (1-2)</td>
<td>130,500</td>
</tr>
</tbody>
</table>

Profit is the total revenue after deducting the total cost of production. Based on the table, the corn dodol profit is Rp. 130,500

Factors and Distribution Development Strategy of Maize Products

The way to find out more about the Distribution Development Strategy of Corn Products are identify alternative method how an organizations can use the strength or to use the opportunity to avoid threats and overcome weaknesses. SWOT matrix illustrates how the corn product can match opportunities and threats faced by its internal strengths and weaknesses. This can be seen in the following explanation:

1. Strength
   From the result of data analysis, the advantages that can be utilized for the product development strategy consists of:
   a. Fresh and high quality raw materials such Local Maize (Motoro Kiki) and Limboto Lake Shrimp, Sweet Maize, Brown Sugar and Coconut Milk
   b. Having a good business prospect and environmentally-friendly
   c. Promoting supportive working atmosphere between the home industry and managerial team
   d. Taste and quality of products

2. Weakness
   The disadvantages that can hinder the product development strategy are:
   a. Production Volume / supplies
   b. The ineffective of information media
   c. Small area product distribution

3. Opportunity
   The result of the analysis the opportunities that can be used for the product development strategy are:
   a. Good consumer responses
   b. The wide market target for all people
   c. The possibility to develop new product

4. Threats
   Factors that can be considered to address the threats are:
   a. New competitor
   b. Unstable market taste

<table>
<thead>
<tr>
<th>No</th>
<th>Internal Factor</th>
<th>Scale</th>
<th>Rating</th>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Having a good business prospect and environmentally support</td>
<td>0.20</td>
<td>4</td>
<td>0.80</td>
<td>There is good business prospect</td>
</tr>
<tr>
<td>2</td>
<td>High quality raw materials of corn product</td>
<td>0.20</td>
<td>4</td>
<td>0.80</td>
<td>Using high quality raw materials</td>
</tr>
<tr>
<td>3</td>
<td>Build a good working atmosphere between the home industry and managerial team</td>
<td>0.15</td>
<td>3</td>
<td>0.45</td>
<td>Good teamwork</td>
</tr>
<tr>
<td>4</td>
<td>Characteristically taste and quality of products</td>
<td>0.15</td>
<td>3</td>
<td>0.45</td>
<td>having Characteristic products</td>
</tr>
<tr>
<td>Nilai Skor</td>
<td>2.50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Kelemahan

<table>
<thead>
<tr>
<th>No</th>
<th>External factor</th>
<th>Scale</th>
<th>Rating</th>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Production Volume / supplies</td>
<td>0.10</td>
<td>2</td>
<td>0.20</td>
<td>Limited supplies</td>
</tr>
<tr>
<td>2</td>
<td>Ineffective of product information and price product</td>
<td>0.10</td>
<td>2</td>
<td>0.20</td>
<td>Ineffective promotion</td>
</tr>
<tr>
<td>3</td>
<td>Small area product distribution</td>
<td>0.10</td>
<td>2</td>
<td>0.20</td>
<td>Small area product</td>
</tr>
</tbody>
</table>

**Score = 0.60**

**Total** 1 20 3.10

*Source: Primary Data After processed, 2016.*

The above table reveals that the total strength value = 2.50. This outnumber the total weakness value = 0.60, meaning that the strength factor for the distribution product development strategy is outweighed than factors inhibiting the distribution product development strategy.

### Table 29. External Factors of Corn Product

<table>
<thead>
<tr>
<th>No</th>
<th>External factor</th>
<th>Scale</th>
<th>Rating</th>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Opportunity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>The wide market target for all people</td>
<td>0.30</td>
<td>4</td>
<td>1.20</td>
<td>Accessible to all levels</td>
</tr>
<tr>
<td>2</td>
<td>Good consumer responses</td>
<td>0.23</td>
<td>3</td>
<td>0.69</td>
<td>consumer has a good responses</td>
</tr>
<tr>
<td>3</td>
<td>The possibility to develop new product</td>
<td>0.22</td>
<td>3</td>
<td>0.66</td>
<td>There is a . The possibility to develop new</td>
</tr>
</tbody>
</table>

**Nilai Skor = 2.55**

|    | **Threat**                                          |       |        |       |                              |
|----|-----------------------------------------------------|       |        |       |                              |
| 1  | New competitor                                      | 0.13  | 2      | 0.24  | There are New competitors    |
| 2  | Unstable market taste                               | 0.12  | 2      | 0.26  | unstability of consumers     |

**Score = 0.50**

**Total** 1 14 3.05

*Source: Primary Data After processed, 2016.*

The above table provides the information regarding total opportunity value at 2.55. This outweighs total threat value = 0.50. This signifies that the opportunity factor for the distribution product development strategy outweighs than a factor of threat as an inhibitor of the distribution product development strategy. The determination of the distribution product development strategy employed SWOT analysis diagram as explained the following figure:

![SWOT analysis diagram of distribution product development strategy](image-url)
Based on the analysis, it is revealed that the strength outweighs the weakness, generating the X axis in the diagram SWOT. Similarly, the upcoming opportunity outweighs the threat and generates the Y axis SWOT diagram. These values signify the difference between opportunity and threat is 2:05 while the difference between strength and weakness achieves 1.90.

1. Strength – Opportunity Strategy
   Local Corn (Motoro Kiki) and Limboto Lake Shrimp and the other additional raw materials are of good quality. Similarly, other materials, such as sweet corn, Palm Sugar and Coconut Milk used as the ingredients of Dodol sweet corn are also have the same quality. This indicates the prospects of business and it promotes the environmental-friendly aspect of the new product.

2. Weakness – Opportunity Strategy
   An improvement in volume of production / supply of shrimp corn stick and corn dodol is essential to fulfill the market target. This is by enhancing the effectiveness of product and price information. Open market distribution are needed to meet the demand of consumers.

3. Strength – Treat Strategy
   Maintaining the quality of raw materials, such Local Corn (Motoro Kiki) and Limboto Lake Shrimp is complicated. This allows the competitors to fill such gap and overwhelm one’s company.

4. Weakness – Treat Strategy
   An increase in the product and price information of shrimp and corn stick are important to identify market taste development and to compete with others. These factors and the development strategy of product distribution of shrimp corn stick.

   Based on the analysis SWOT matrix, factors and strategies of the development of corn product are 1) The high quality of material, (2) has prospects and environmental-friendly, generates the possibility of new product development 3) characteristics of flavor and quality of products that meets the market target. On the other hand, the factors hindering the development of distribution of corn product, involves 1) increase in the volume of production / inventory to meet the market target (2) increased the promotion of product and price information, and open market distribution are necessary to meet the demands of the consumers.

CONCLUSION

1. Maize Farming Profile in the district of Gorontalo
   Data group, the number of members and the largest maize crop cultivation area is in the district the village Batudaa Dunggala (8 groups), 187 the number of members of the group, and 157.3 ha of arable area corn crop. In Pulubala, the data reveals that largest group is in PuncakDesa (32 groups), for the most members are in the village Toyidito (705 members) and the largest corn crop cultivated area located at Peak Village is an area of 701.21 ha.

2. Characteristics of People In Household group Village Toyidito District of Pulubala
   People who were in the group of households in the District of PulubalaToyidito dominance that has the characteristics of sex is dominated by women as much as 80%, for age dominated by the age interval 20-30 years is 40%, for the highest education level dominated by SD equivalent as many as 50%, for the work is dominated by non-agricultural jobs in as many as 70% while for the duration of the population lived dominated by people who have been domiciled for 3-5 years and 10 years respectively by 50%.

3. Characteristics of People In Household group Village Barakati District of Batudaa
   People who were in the group of households in the District of BatudaaBarakati dominated by women, as much as 100% for the category of gender, for age dominated by the age interval 31-40 years as many as 50%, for the education level of high school dominated by as many as 50% , for the work is
dominated by non-agricultural jobs in the field as much as 80% while for the duration of the population lived dominated by people who have been domiciled for 3-5 years is 50%.

4. Economics analysis of shrimp Maize stick
   Home industry of shrimp corn stick is considered profitable if the revenue outnumbers the break even point value Rp. 120,000, if the production obtained exceeds the limit of break-even point 11.975 grams and if the price obtained exceeds the limit break-even point is Rp. 52,500.

5. Economics analysis of Maize Dodol
   Home industry of corn dodol is profitable if the revenue outnumbers the break even point value Rp 170.174, if the production obtained exceeds the limit break-even point 6.90 bucket, and if the price obtained outreach the limit break-even point Rp. 19.550.

6. Factors and Distribution Development Strategy of Maize Products
   Based on the analysis SWOT matrix, the factors and strategies of the development of maize product distribution are
   1) The quality of materials, (2) is of good prospects and environmental-friendly, generating the possibility of development of new product.
   3) flavor and quality of products that suits to the demand of society. On the other hand, the weakness of the factors and strategies of maize product distribution comprise (1) increase in the volume of production / inventory to meet the target of market (2) increasing the promotion of product and price; open market distribution is essential so that the product suits the need of the people.

REFERENCES
Efferson J. Norman 1953, Principles of Farm Management, McGraw-hill BOOK COMPANY, INC.