

EMPOWERMENT MODEL FOR THE GARBAGE PICKER BASE ON THE ASSET TO IMPROVE SOCIAL LIVING GRADE AT SURABAYA

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ABSTRACT

Garbage picker community who generally called as problem maker community who create slum dirty area in the metropolitan city or community who close to the criminal issue which made negative perception from the civil people and government to this community. In fact they have physical asset, human resources asset, financial asset and social fund asset which influence to the social living grade. Based on the path analysis counting, we could know physical asset, financial asset, human resources asset and social fund asset, also empowerment process which influence to the garbage picker empowerment to improve social living grade. After comprehensive research which have done to the current garbage picker's empowerment and doing focus group discussion than garbage picker's empowerment model based on the asset able to divide in to the basic activity which has 3 (three) dimension, they are garbage picker image, back to the origin village, and life skills improvement, also supportive activities by providing social living facility in order to have better facility, counseling and monitoring. In regards to the garbage picker empowerment successful to reach the objective, this program requires to have government engagement to involve as facilitator. To build garbage picker image, some activities to working with mass media are first radio program, television show or online media, second new name for the garbage picker, third garbage picker identity, fourth garbage picker's insurance and fifth health insurance for the garbage picker. Back to the origin village activities are first is partnership and second is back to the origin village. Life skills dimensions activity is life skills training and counseling. To support those program by providing social living facility such as housing, water and electricity, or modern garbage picker's equipment. During this empowerment program, counseling and monitoring keep on going to achieve the objective and successful.

Keywords: Empower, asset, garbage picker, empowerment, improving of social living grade.

INTRODUCTION

In general operation, informal sector which improve in the metropolitan city is trading, industry, developer, services and transportation, one of the job in the trade field is garbage trading. Sicular said that garbage trading getting bigger business in Indonesia due to 3 (three) conditions which caused, they are first there's the market for the garbage, second garbage quality and quantity meet to the market demand especially industrial segment, third low class community which make garbage picker for the living (World Development, Vol 9, 1991). In particularly garbage on this research is garbage which has specific economical value; they are paper, plastic, metal, glass and animal bone. The front line of the garbage trading is garbage picker community. Not all of the poor class community willing to have garbage picker title. To be garbage picker, they should be ready to be human who life with rubbish, waste and trash. For the other people, the garbage picker is security threat or thief even other things which related to the crime (Versevel, 1986). In this research, garbage picker is the person who has job to collect the non-used stuff, however the stuff still has economical value and

recycle able which found and collected from the garbage box and mayeng (walking down from the garbage box to other box within area) or from the TPA (Tempat Pembuangan Akhir – Garbage Last Station) which they able to collect for free without to pay, this job assigned for their living to support their life every day.

In regards to the new paradigm development which known as people centered development that development should be focusing to the people and oriented to the improvement of the human living quality (Mardikanto, 2010), people empowerment especially garbage picker community was needed, since stated by Sutomo, empowerment as a progress which focusing to make independent people in order to improve social living grade to use and access local resources and the progress put the people as primary party (Sutomo, 2001).

Even the garbage picker living in the limited condition and poor attribute which attached on their life, in the objective way this group called as poor society, garbage picker still want to survive and do their job as garbage picker to improve their social living grade. In the minimum and limited situation as we know, in fact garbage picker are able to survive in the hard metropolitan life. This condition shows that they have power and potential resources to survive and improving the social living grade. This research objective is to identify the assets which owned by the garbage picker community based on the asset to improve the social living grade in Surabaya.

Empower Concept

Empower is individual or group capability which weak and risky than they have power to do and able to;

- a. Get their basic needs; they have freedom to express their ideas, also not to hunger, stupidity, and sickness.
- b. Reach productive resources which have possibility to improve their earn and get stuff and services that they need.
- c. To participate in the development process and decision which related and infected to them? (Suharto, 2006).

Empower is not rising suddenly, however it attached with empower which indirectly did by inter individual within one group based on rule and value which valid within the group. Pranarka & Vindyandika (1996) explained that “Empower process has 2 (two) possibilities. First, empower process which focus on giving or moving some power, authority or capability to the people in regards each individual more powerful. First possibility could be called as primer possibility which mean as empower. Second possibility or secondary possibility focus on the stimulate process which pushing or motivate individual person to has capability or empower to decide what is the best decision in their life by dialogue process.

Empower in this research is empower to improve social living grade for the garbage picker which used as indicator is there’s an improvement to fulfill their basic or primary needs and secondary needs for within garbage picker community which is earn, professionalism, get basic or primary needs, daily activity, technology knowledge, saving behavior, self confidence and children orientation.

Garbage Picker Asset Community

Sometimes we don’t realize that by giving special attention to the poor people, in our thought that this community is people who don’t have potential value or asset, have no access, no culture, powerless to survive, powerless and its problem articulation, unable to get the information, even dignity to change their life to be better.

A group community wouldn't make and couldn't survive if they don't have fund and asset which able to made to be a group community. The embryo of the garbage picker community is individual who take decision and chose to be garbage picker. To make this community they have fund which recognized by individual or collective by group. All the garbage pickers are not to be unidentified garbage picker who not knowing each other; however they are able to communicate and interact with others to empower in a group community. This is an issue which shown that they have power or asset to improve their social living grade. As wrote by Nan Lin in Satria asset which owned by garbage picker community, those are physical asset, financial asset, human resources asset, social fund asset (Nan Lin Dalam Satria, 2001). The asset within this community is potential sources which attached on the people which became the strength from the people, however sometimes also as weakness that needs to improve. In the empower concept, human is a subject for their own self which mean there's no person or people who has no power or asset. (Adi, 2008)

PROBLEM

Garbage picker is a group people which classify as poor and marginal who dramatically increase in the metropolitan city which effected by development. Reflect of the urban concept make development discrepancy issues which rise between village and city which caused of unemployment, poor, people migration from village to big city which make metropolitan more crowded and packed and social conflict issue. Garbage picker community (85%) are migration people who move from village to big city which desire to have better job and improve their social living grade. Job as garbage picker is a job which not official notify and legally written by law and government till today, since the people who have garbage picker job has not been set to the government regulation, however they are a part of Indonesia citizen who should be supervised by the government. For the local government garbage pickers are not their local citizen, there's no program which set for them since they are not officially listed as social fund and aid receiver from the government which is social program to recover for poor people. In the limited condition, this community still survives and struggle to improve their social living grade, this issue shown that they have empower or asset which become their power, even though their empower or asset still weak, than it need to develop their weak assets by create and set an empowerment.

RESEARCH OBJECTIVES

1. To find out assets owned by garbage picker in Surabaya
2. To find out the garbage picker's empower to improve their social living grade in Surabaya
3. To find out garbage picker's asset and the progress to the garbage picker empowerment to improve their social living grade in Surabaya
4. To describe the empowerment model based on the asset to improve social living grade in Surabaya

RESEARCH METHOD

This research using mixed method by combining quantitative and qualitative method to knowing and understanding the reality till we get the better result and provide more data and complement. Qualitative information will be same as quantitative data even more valid. Primary method which used is quantitative method which supported by qualitative method. The population on this research is 14.000 garbage pickers in Surabaya. Sampling selection of the research using trust interval or confidence interval which is a value distribution which made between point estimate which has possibility to show probability (the possibility of the

interval which consist of the population parameter between lowest level of truth and highest level of truth (Bohrnstedt dkk, by Slamet 2006). The sample which used in this research is 390 garbage pickers who has trust interval 95% and $P:Q=0, 5:0, 5$ and the sample value to error standard $\pm 5\%$ (Arkin, Herbert.al, 1957 Tables For Statistician by Slamet, 2006). The sample of this research is 390 garbage pickers which divided by 146 garbage pickers from western region of Surabaya, 85 garbage pickers from southern region of Surabaya, 79 garbage pickers from northern region of Surabaya and 81 garbage pickers from eastern region of Surabaya. Analysis tools which used on this research is path analysis to knowing direct and indirect impact (effective contribution) independent variable to dependent variable, and also inside and outside model till giving the effective empower.

RESULT AND DISCUSSION

Respondents Profile

Most of the respondents are productive age that has low education level and has been married, living in the monthly rental room, having this job as garbage picker more than 4 (four) years and their citizenship by ID card is outside of Surabaya.

The condition of the physical asset that they have currently such as building, land, modern garbage picking equipment, pets and other stuff which supported their activity are in proper condition and incomplete. Also the financial condition which attached to their earn still on the lowest level, since on the bottom level of the labor standard paying level which not match to their daily cost of living even worst. Social asset condition is in the medium level while they interact to each other, doing good cooperation, trust to each other and also to their stockbroker, and obey to the norm and rules. Human resources asset in the medium level condition, most of them having education back ground even though only on the elementary school level, however they could understand concerning the garbage trading issues, and also capability to select garbage and waste which has economical value or neither. Since they have low empower level to improve their social living grade, in details respondents' characteristic shown on Table 1.

Partial Factors to the Garbage Pickers to Improve Social Living Grade

Partial factors which become the component model are *input, process, output and outcome*. Input factors consist of physical support, human resources, social, and financial. Factor which utilize as process is empower process consist of human education, trade education, environmental education and organization. Output factor is empowering level, and outcome factor is social living grade improvement. Factors which inside of the garbage picker empowerment model created based on the theory and logic, analyzed using path analysis based on the empiric data which collected from the research survey, observation, in-depth interview and focus group discussion (FGD). Path analysis utilized to get direct value, indirect value, togetherness effect and impact outside of each factor. Data analysis using the path analysis and describe on the below:

Interpretation Result of the Path Analysis

- I. Information which inside of the data 54.8% able to describe by this model. 45.2% described by other variable (which is not inside this model).
- II. There's both direct and in-direct effect, correlated effect, uncalculated effect between Human Resources variable asset which owned by the garbage picker to improve the social living grade as 36%.

Table 1. Respondents Characteristic Distribution

| <i>Subject</i> | <i>Category</i> | <i>Number of Respondent (person)</i> | <i>Percentage</i> |
|-----------------------|-------------------------|--------------------------------------|-------------------|
| Age | Productive age 12-25 yo | 56 | 14,3 |
| | Productive 25-56 yo | 303 | 77.6 |
| | Non Productive > 56 yo | 31 | 7.9 |
| Status | Married | 276 | 70.8 |
| | Single | 39 | 10 |
| | Widower | 19 | 4.9 |
| | Widow | 33 | 8.5 |
| | Non Educated | 80 | 20.5 |
| Education | Elementary School | 222 | 56.9 |
| | Secondary School | 77 | 19.7 |
| | High School | 11 | 2.8 |
| Living Status | Stay in Room Rental | 273 | 70 |
| | Sharing with Family | 57 | 14.6 |
| | Contract Housing | 32 | 8.2 |
| | Own House | 16 | 4.1 |
| Garbage Picker Job | <2 years | 50 | 14.2 |
| | 2-4 years | 79 | 18.2 |
| | >4years | 248 | 66.2 |
| Citizen Status | Outside Surabaya ID | 248 | 66.2 |
| | Surabaya ID | 74 | 16.4 |
| | Surabaya dan outside ID | 7 | 1.8 |
| Human Resources Asset | No – ID | 61 | 15.6 |
| | Available | 281 | 72.1 |
| Physical Asset | Not Available | 161 | 27.9 |
| | Less available | 10 | 97.4 |
| Financial Asset | Not available | 380 | 2.6 |
| | Available | 2 | 0.5 |
| | Less available | 145 | 37.2 |
| Social Asset | Not available | 243 | 62.3 |
| | Available | 7 | 1.7 |
| | Less available | 8 | 2.1 |
| Empower process | Not available | 96.2 | 96.2 |
| | Effective | 12 | 3,07 |
| | Less Effective | 22 | 5.6 |
| Empower Level | Not Effective | 356 | 91.2 |
| | Less empower | 175 | 44.8 |
| | Not empower | 215 | 55.1 |

III. There's both direct and in-direct effect, correlated effect, uncalculated effect between financial asset variable with garbage picker empower to improve the social living grade as 10%.

- IV. There's both direct and in-direct effect, correlated effect, uncalculated effect between physical asset variable with garbage picker empower to improve the social living grade as 2.7%.
- V. There's both direct and in-direct effect, correlated effect, uncalculated effect between social supports assets with garbage picker empower to improve the social living grade as 2.8%.
- VI. Independent Human Resources variable which owned by garbage picker is huge influence variable and positive to the garbage picker empower and improve the social living grade. This impact is indirect by empower variable process. Other independent variables also give positive effect, however it's not quite huge.

Based on the path coefficient calculation which shown on above diagram, it's say that all factors or variables generously giving direct effect significantly to the garbage picker empower to improve the social living grade. Empowerment process factor is the most important to improve the empower people. This issue mean that empower people level could be increased by improve empowerment people process especially in the human education, environment education, trading education and organization, and also financial support factor, human resources support factor, social support factor and physical support factor.

Garbage Picker Empowerment Based On Asset Model

After identified assets which owned by garbage picker that in fact having impact to the social living grade, it would describe garbage picker empowerment pattern based on asset. Empowerment pattern which design for the garbage picker couldn't set the same as other community. After comprehensive research to the current garbage picker condition, the empowerment model able to divide to be 3 (three) dimension, they are garbage picker image, back to the origin village, and improving life skills. And also need the local government to involve as facilitator in regards to the empowerment. For the detail concerning the garbage picker empowerment model based on the asset will be describe as below

EMPOWERMENT MODEL FOR THE GARBAGE PICKER BASED ON ASSET IN SURABAYA

Basic Thought

1. Discrepancy of the development between village and city is the main issue background of the people migration from the village to the city, and then the informal jobs sector is the one of the people to choose to survive and improve their social living grade in Surabaya.
2. Garbage picker is not official notify and legally written by law and government till today, therefore the people who have garbage picker job has not been set to the government regulation, however they are a part of Indonesia citizen who should be supervised by the government.
3. There's no special department or SKPD which supervise and giving special attention for the law to the garbage picker community, then there's no government regulation which related to the garbage picker community.
4. There are potential resources or asset which owned by garbage picker, they are physical asset, financial, social support which on very low level and medium asset which on medium level that has possibility to develop. This is need empowerment program based on the asset to improve social living grade for the garbage picker.

Goal

GARBAGE PICKER EMPOWERMENT BASED ON ASSET to aim:

1. Giving strength and develop asset which owned by the garbage picker community, therefore they could have empower to improve the social living grade.

Criteria to aim the goal are:

- a. To achieve earn same as Minimum Regional Labor Wage in Surabaya.
 - b. Having professionalism manner.
 - c. Having proper basic needs, food, cloth and housing.
 - d. Capability to do daily activities same as general standard.
 - e. Capability to adopt technology.
 - f. Have saving habit.
 - g. Having confident to do their job.
 - h. Having educational oriented for the children.
2. Develop problem solving mechanism in the garbage picker community.

Criteria to aim the goal are:

- a. There's assigned department to supervise garbage picker's community.
- b. There's cooperation between local government or private company and university to handle the garbage picker community issues.

Object

Object of the EMPOWERMENT BASED ON ASSET is the people who coming from other region within the city, province and from one island to other island, inter cities, province and across the island within one region.

Object criteria

- a. Having primary job as garbage picker who has been stay in Surabaya less than 1 (one) year.
- b. Having struggled to survive especially to get their basic needs and social needs.
- c. Minimum 15 years old and having married and family.

PROGRAM AND ACTIVITY

Program

Empowerment program based on asset is empowerment program which design to improve the power of the weak assets which owned by garbage picker to increase their empower to improve the social living grade. The empowerment program using group approach since each individual would be involve on the effective social learning progress to develop self capacity, therefore they could get their basic needs. Concept of this group is not focusing to the group physical type; however this is focusing on the social relationship within the group. In the group approaching, need to consider some factors, they are origin village, empowerment subject and empowerment process, and also there's 3 (three) dimension in the empowerment based on the asset, first garbage picker image, second back to the origin village and third is life skills.

Activity

There are 2 (two) activity in the GARBAGE PICKER EMPOWERMENT BASED ON ASSET, they are:

Primary activity consist of 3 (three) dimension**Build Garbage Picker Image Dimension**

| <i>Purposed activity</i> | <i>Goal</i> | <i>Primary subject</i> | <i>Secondary parties</i> |
|---|--|---|--|
| 1. Radio/TV/Online Media show | <ol style="list-style-type: none"> 1. Provide information regarding the garbage product. 2. Socialize that garbage picker job is good; they are as hero for the environmental cleanliness. 3. Socialize garbage picker development program. | <ol style="list-style-type: none"> 1. Garbage picker 2. All citizen | <ol style="list-style-type: none"> 1. Cleaning Department 2. Local Radio 3. Garbage picker association 4. University 5. Private company (Recycle Waste Industry). |
| 2. New commencement of the garbage picker | To create new commencement of which able to develop new image for the garbage picker which acceptable in the society as productive group (not marginal). | Academision, Garbage picker society and Government | <ol style="list-style-type: none"> 1. Politician 2. University 3. Cleaning Department 4. Garbage picker association 5. Environmental observer. |
| 3. Garbage picker Identity | <ol style="list-style-type: none"> 1. Provide citizenship status and identity. 2. To complete garbage picker attribute to improve K3 (keter-tiban, keamanan dan keselamatan kerja) / work safety | <ol style="list-style-type: none"> 1. Garbage picker 2. TPA/ Garbage Last Station | <ol style="list-style-type: none"> 1. Local government /Pemda (Dinas Kependudukan dan Dinas Kebersihan) 2. Police Department. 3. Garbage picker. |
| 4. Garbage picker Insurance | To provide insurance for the garbage picker as a worker (Jamsostek). | Garbage picker | <ol style="list-style-type: none"> 1. Social Department 2. Labor Department 3. Jamsostek |
| 5. Health Insurance | To improve health quality for the garbage picker and family. | Garbage picker and family | <ol style="list-style-type: none"> 1. Public Health Department 2. Social Department |

Back to origin village dimension

| <i>Purposed activity</i> | <i>Goal</i> | <i>Primary subject</i> | <i>Secondary parties</i> |
|--------------------------|---|---------------------------|--|
| 1. Partnership | 1. Doing partnership with university, private company (Mall, Hospital, Rea Estate , Manufacture) to build networking and cooperation in the garbage trading | Garbage picker and family | <ol style="list-style-type: none"> 1. Labor Department 2. Social Department 3. Public Market Department 4. Mall dan Real Estate Management |

| | | | |
|--------------------------------|--|---------------------------|--|
| 2. Socialize to garbage picker | 2. Giving understanding to the garbage picker that the jobs which related to the garbage trading could be set and do in the origin village/city in regards to decrease migration | Garbage picker and family | 1. LSM / NGO 2. Social Group 3. Social Department 4. PR of local government / pem kota 5. University |
|--------------------------------|--|---------------------------|--|

Life skills dimension

| <i>Purposed Activity</i> | <i>Goal</i> | <i>Primary subject</i> | <i>Secondary Parties</i> |
|-----------------------------------|---|---------------------------|---|
| Coaching and life skills training | To improve capability for the garbage picker and family which is include: a. Goal setting b. Self-management c. Skills d. Problem solving e. Group working and discussion f. Entrepreneurship | Garbage picker and family | 1. Social Department 2. Educational Department 3. Labor Department 4. University |

a. Supporting activity

This activity is indirect activity which able to be done to the garbage picker community which is by providing the facilities, such as housing, clean water, mosque or church and etc.

b. Coaching

Coaching is the programs which to be done to handling garbage picker empowerment activity, to defend the improvement which has been done and utilize the result for the continuously program.

c. Monitoring

Monitoring is the programs to supervise and handle the program and activity to reach the highest goal, the monitoring should be handled by special department or SKPD or LSM which given authority to give shelter through the government decision. This activity will provide data or information concerning the input factor and the progress has been in line with the program and support to the program objective.

CONCLUSION

1. From the garbage picker existing characteristic condition in Surabaya hence the conclusion that most of the garbage pickers in the productive age, have married and family already, educational level just on the elementary school, staying in the monthly rental room, and has been have garbage picker job more than 3 (three) years, and also the citizenship status based on ID card is coming from outside of Surabaya.
2. In regards to the community asset which owned by the garbage pickers, existing condition shown that 72,1% of the garbage pickers have Human Resources asset on

the medium level, beside that 97,4% have physical asset on the low level, 62,3% have low financial asset and 93,5% have low social support asset.

3. Existing condition of garbage picker's empower to improve the social living grade shown that in term of the earnings issue 66,7% have medium level, 74,9% have professionalism on the medium level, regarding the basic needs/daily needs issue 78,9% have medium level, and 86,9% have low level to adopt technology knowledge and 65,4% have self confidence on the medium level, 44,4% have saving habit on the medium level and 65,4% have the education oriented for the children on the medium level.
4. Empowerment process should be done through human education, trading education, environmental education and organization. For the human education 95,9% of the garbage picker on the low level, 93,9% for trading education on the low level, 66,3% for environmental education on the medium level and 97,7% for the organization on the high level.
5. Based on the path analysis calculation, there's direct effect to the human resources asset, financial asset, physical asset and social support asset to the garbage pickers empower to improve the social living grade. Human Resources effect is 0,497, financial asset effect is 0,253, physical asset effect is 0,103, social support asset effect is 0,138 and empowerment process effect to improve the social living grade is 0,249.
6. Empowerment model for the garbage picker based on asset has 3 (three) dimensions, they are image building for the garbage picker, back to the origin village and coaching and life skills training.
7. Require to have special department to be the facilitator for the garbage picker empowerment to connect and build relationship between garbage picker with the private company, government, LSM/ NGO and the universitie
8. Look at the garbage picker role currently especially as the leading actor on the garbage trading and their capability to divide both organic and non-organic waste/garbage, therefore garbage picker is needed, however require to have government to involve and other parties to build the garbage picker image getting better and their activity could be consider as a job which recognized by public and government.

RECOMMENDATIONS

- a. Require to the public to have negative inquisitive and negative stereotype to the garbage picker community, hence need to provide uniform and ID card.
- b. Require creating social group for the garbage picker in each region and has organization structure who handle garbage picker benefits and remuneration.

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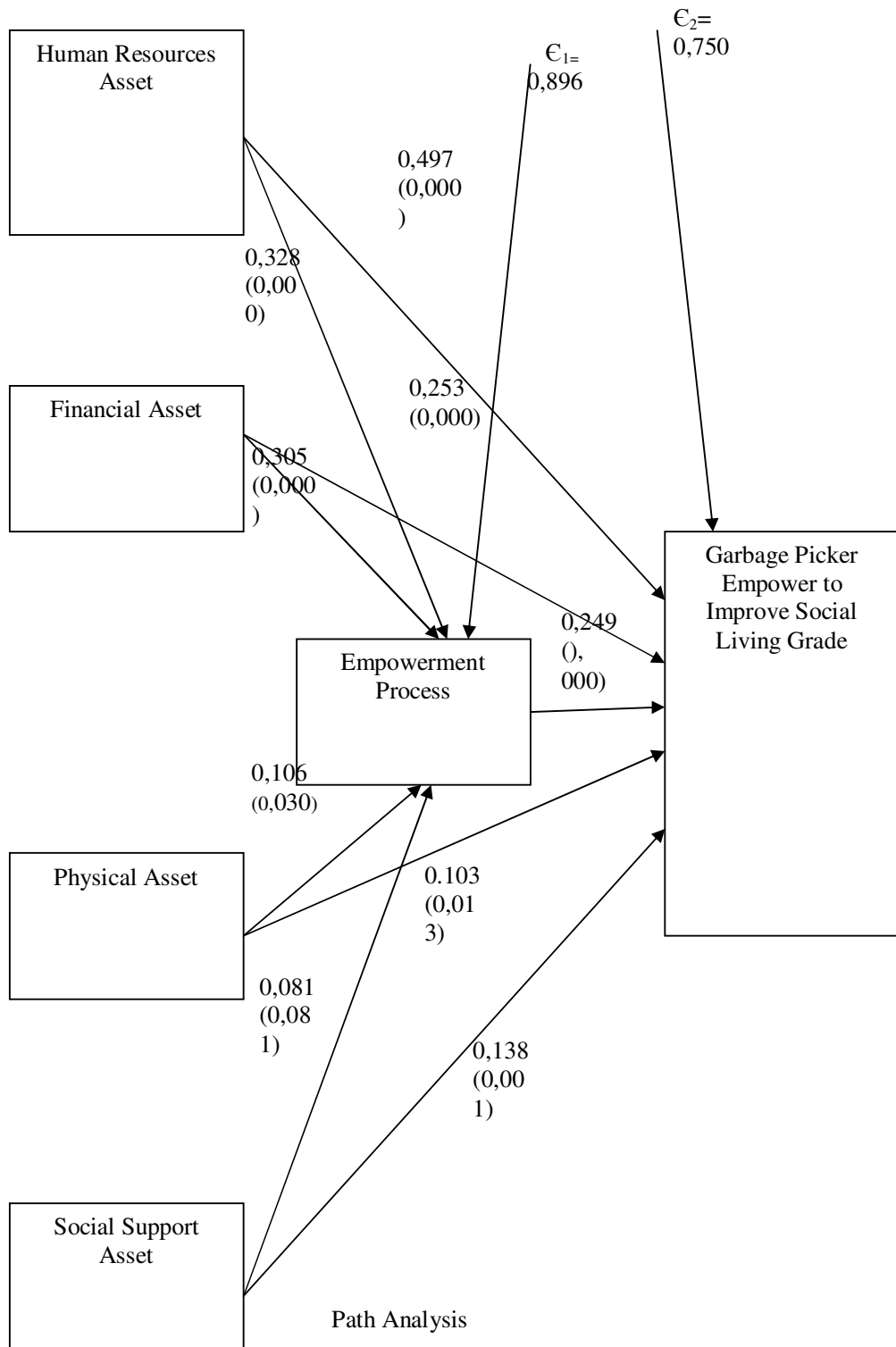
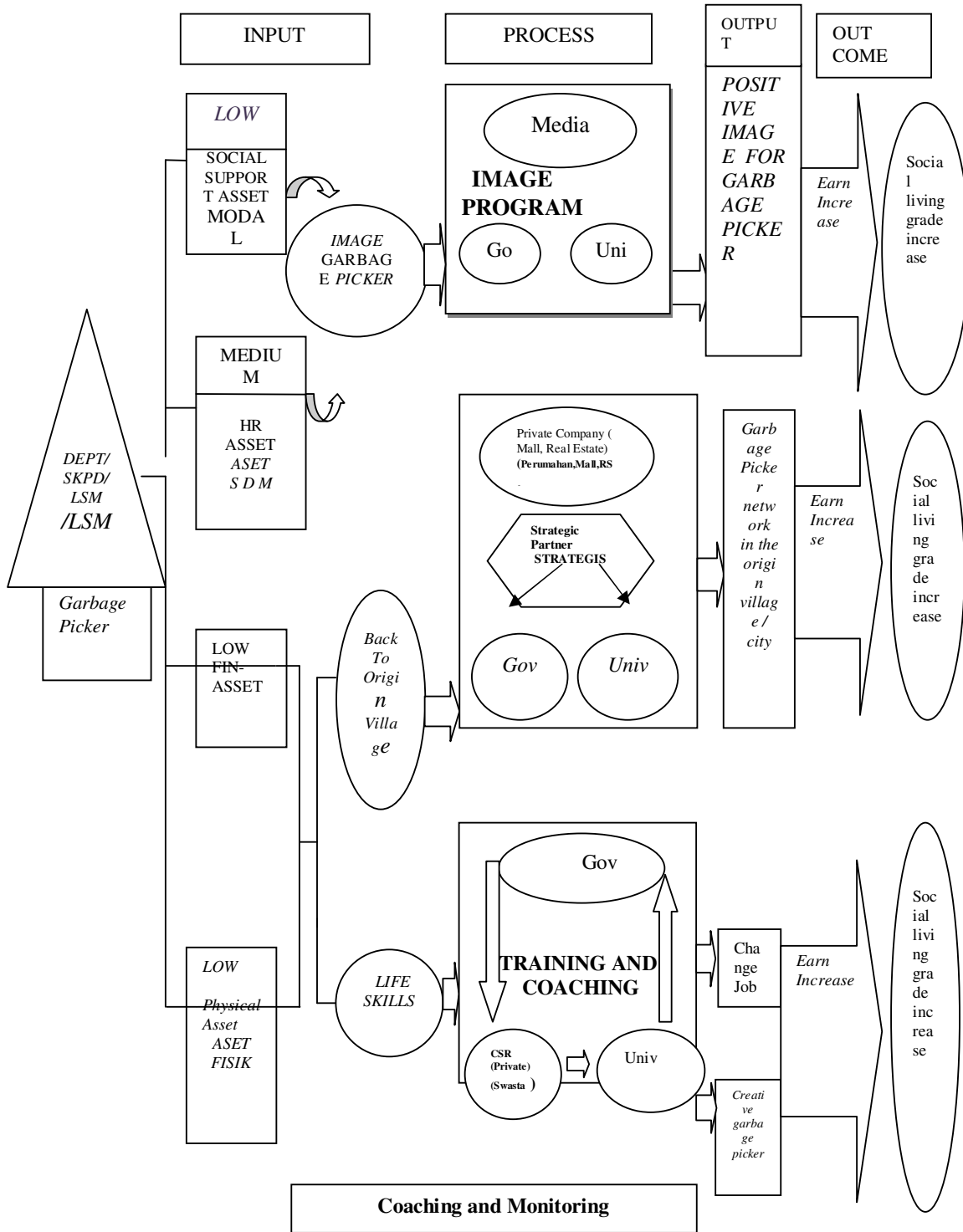


Diagram with Path Coefficient and its significant



Garbage Picker Empowerment Based on Asset Model