



Republic of the Philippines  
**DEPARTMENT of AGRARIAN REFORM**

MEMORANDUM CIRCULAR NO. 02

Series of 2000

**SUBJECT: GUIDELINES IN THE CLASSIFICATION OF EXISTING AND TO BE LAUNCHED ARCS PURSUANT TO THE SUSTAINABLE RURAL DEVELOPMENT FRAMEWORK FOR AGRARIAN REFORM COMMUNITIES**

**I. Background and Rationale:**

In 1993, the Department of Agrarian Reform adopted the Agrarian Reform Community (ARC) Development Program as a key operating strategy in the provision of comprehensive development interventions on land tenure improvement (LTI) and program beneficiaries development (PBD). Correspondingly, the Agricultural and Fisheries Modernization Act (R. A. No. 8435) recognizes the ARCs as one of the model farms in the Strategic Agriculture and Fishery Development Zone (SAFDZ).<sup>1</sup>

Under the Estrada Administration, agrarian reform agenda is grounded on three equally important principles with respect to the rural sector: economic development, social justice, and political democratization. Consistent with these three distinct but related principles, the implementation of the ARC Development Program was enhanced and expanded to contribute to the achievement of food security, poverty reduction, and countryside development.

Relative to this, Memorandum Circular No. 05, series of 1999, "A Sustainable Rural Development Framework for Agrarian Reform Communities" was issued on 23 March 1999. This Memorandum Circular provides the expanded concept of ARC: scale implementation taking into consideration economic, ecological and socio-political factors; focused on marginalized sector; and gender sensitive and integrated area development perspective. The ARC expanded framework's operationalization requires the widening of area coverage by clustering and/or expanding existing ARCs to include other ARBs in contiguous land reformed barangays and launching of new ARCs.

Likewise, Memorandum Circular No. 14, series of 1999 (Guidelines and Procedures in the Selection and Launching of ARCs) provides that aside from the MUST and WANT criteria stipulated in the Operations Manual on ARC Development, ARC selection shall also take into consideration the economic, ecological and socio-political factors.

<sup>1</sup> The SAFDZ is the designated food basket of the country and shall serve as the integrating framework for the planning and allocation of national financial and economic resources and priority investments for the implementation of convergence programs for national food security and poverty alleviation.

As of December 1999, there are 1,031 ARCs launched nationwide. The need to classify the existing ARCs and the new ARCs to be launched up to year 2002 as provided for in MC 05 and 14 series of 1999 are the bases of this guidelines on ARC classification.

## II. Objectives:

1. Outline the procedure to be undertaken by the field offices on the classification of existing and new ARCs to be launched;
2. Present the classification tools to be used in the process of classifying existing and new ARCs; and
3. Define the report requirements to be submitted for ARC classification.

## III. Methodology:

### A. Pre-Classification Activities for Existing ARCs

1. Using existing municipal and provincial maps, assess the spatial relationship of existing ARCs in terms of their potential as agricultural growth centers in line with the Agrarian Reform and Rural Development Thrust of the Department and supportive of the Agriculture and Fisheries Modernization Act.
2. Identify the adjacent land reformed barangays that may be integrated into the existing ARC.
3. Using Annex A (Barangay Profile Format), the Development Facilitator (DF) shall prepare the barangay profile of new barangays, update the barangay profile of existing barangays and reflect in the location map the new barangays to be included. The basic information in accomplishing the barangay profiles shall be gathered from secondary data of government organizations, non-government organizations, peoples' organizations, other institutions and key informants.
4. Prepare the ARC Pre-Classification Matrix (Annex B) utilizing the information from the profiles of existing and new barangays.
5. With the aid of the ARC Pre-Classification Matrix, determine whether the existing ARC satisfies the **scale consideration** consistent with M.C. No. 5 and 14, series of 1999. If the existing ARC satisfies the scale consideration, there is no need to cluster and/or expand said ARC. However, if the economic, ecological and socio-political factors for scale implementation were not considered when the ARCs were launched, some ARCs may need to be clustered and/ or expanded by covering adjacent land reformed barangays.

The ARC category can be determined by analyzing the information/data in relation to the indicators in each parameter. The ARC shall be categorized into either of the following:

- 5.1 An ARC shall fall in the **"ARC as is" category** when –
  - the economic, ecological, socio-political factors for scale implementation have been fully satisfied when launched
  - has no adjoining ARC for clustering
  - has no adjacent land reformed barangay/s for expansion
  - is a plantation, settlement area or landed estate
- 5.2 An ARC shall fall under the **"ARC Cluster" category** if two or more ARCs in a given geographic area show that:
  - there are similar geo-physical characteristics and crops produced
  - ARCs can complement their production, processing and marketing activities
  - there are physical infrastructure facilities that will link and support the production, processing and marketing activities of the ARCs
- 5.3 An ARC shall fall in the **"ARC Expansion" category** if there are land reformed barangays that can be added as its expansion area. Such barangays should have:
  - similar geo-physical characteristics and crops produced with that of the existing ARCs
  - can complement the production, processing and marketing activities of the ARC
  - presence of physical infrastructure activities that would link and support production, processing and marketing activities of the barangays to the ARC
  - the adjacent barangays qualify under the "must and want" criteria in the selection of ARC.
- 5.4 An ARC shall fall under the **"ARC Expansion and Cluster" category** if the conditions in items 5.2 and 5.3 above are satisfied.
6. The result of the ARC category shall be indicated in Annex-C (the list of pre-classified ARCs).

## **B. Classification Procedures**

All ARCs categorized as reflected in Annex-C shall be subjected to the ARC Classification process utilizing standard instruments/forms.

### **1. Standard Instruments/Forms**

*The following instruments/forms shall be used for ARC classification:*

- 1.1 **Annex D (ARC Model Description)**<sup>2</sup> describes the characteristics of the ARC model in terms of ecological, economic and socio-political considerations to ensure scale implementation of the ARC.

2. The ARC models as stipulated in MC Nos.05 and 14, series of 1999 as prime agricultural ARC, in-between ARC and inaccessible ARC are renamed as prime agricultural ARC, semi-prime agricultural ARC and satellite ARC.



- 1.2 **Annex E (Standards for the Classification of ARCs)** describes the characteristics of the different ARC models (prime, semi-prime and satellite ARCs). It defines the standards per model per parameter and its corresponding indicators in terms of economic potentials, socio-political and ecological considerations. This shall serve as the guide in accomplishing the ARC Classification Matrix (Annex G). The standard indicators of the respective ARC Classification are presented per parameter. The classification of ARCs shall be subjected to a total of 22 indicators.
- 1.3 **Annex F (Definition of Standard Indicators for ARC Classification)** defines the standard indicators and the qualifying index of each parameter.
- 1.4 **Annex G (ARC Classification Matrix)**, particularly column 2 will contain the basic information per ARC (as reflected in Annex-B) categorized as ARCs as is, ARC Cluster, ARC Expansion, ARC Cluster and Expansion. The basic information on ARC parameters and indicators on economic potentials, socio-political and ecological considerations shall be analyzed to determine its classification as an ARC. Annexes D, E and F shall be used to facilitate the classification process of each ARC.
- 1.5 **Annex H (List of Classified ARCs)** – this contains the final list of ARCs per model after undergoing the ARC Classification process.

The process flow on ARC Classification is presented in **Annex I**.

## 2. Determination of the ARC Classification

- 2.1 The ARC classification process shall be done at the MARO level by the DF and MARO using Annex G, specifically Column 2 which was previously accomplished generating the information from Annexes A and B.
- 2.2 The ARC Classification Matrix-Column 3 of Annex G shall be accomplished by checking the appropriate column that best characterizes the ARC using the standard set forth in Annexes E and F.
- 2.3 All ARCs to be classified (both existing and those to be launched) shall be subjected to Economic, Socio-Political and Ecological parameters involving a total of 22 indicators.

Parameters	No. of Indicators
1. Economic considerations	10
2. Socio-Political considerations	7
3. Ecological considerations	5
<b>Total</b>	<b>22</b>

- 2.4 Count the number of check marks per parameter under the ARC Classification Column 3 in Annex G per model (prime, semi-prime and satellite ).
- 2.5 Compute the percentage (%) rating per parameter by dividing the number of check marks with the total number of indicators per parameter. To get the overall percentage rating of the ARC, add the total number of check marks of the three parameters and divide it by the total number of indicators.

Formula:

1.  $\%Pn = \frac{\text{No. of points per Parameter}}{\text{No. of indicators per Parameter}} \times 100$
2.  $\%Pt = \frac{Peco + Psoc + Pecol}{\text{Total no. of indicators}}$

Where:

$\%Pn$  = percentage rating of the following parameters:

$Peco$  = point score for economic parameter

$Psoc$  = point score for socio-political parameter

$Pecol$  = point score for ecological parameter

$\%Pt$  = total percentage rating for the ARC

## 2.6 Interpretation of the rating

- 2.6.1 Using the table below, plot the results of the computation per ARC to determine the ARC classification. (Actual results of the pilot testing were used to demonstrate the utilization of the table).

Name of ARC: **TAGUMPAY ARC**

Parameter	Prime		Semi-prime		Satellite		Total	
	Check	%	Check	%	Check	%	Check	%
1. Economic considerations	3	30	5	50	2	20	10	100
2. Socio-Political considerations	2	28	3	43	2	28	7	100
3. Ecological Considerations	2	40	1	20	2	40	5	100
Total	7	32	9	41	6	27	22	100

- 2.6.2 The highest number of points or its equivalent percentage shall be the basis in determining the classification of ARCs.
- 2.6.3 Each classification (Prime, semi-prime and satellite) shall further be categorized into the following:

- High (Prime, Semi-prime, satellite) if the percentage of the total score (Pt) is **above 75%**

- Medium (Prime, semi-prime, satellite) if the percentage of the total score (Pt) is **50% to 75%**
- Low (Prime, semi-prime, satellite) if the percentage of the total score (Pt) is **below 50%**

2.6.4 Summarize the result of the ARC classification process using the "List of Classified ARCs" (Annex H).

### **C. Preparation and Transmittal of Report**

#### **1. Preparation and submission of ARC Classification Report**

The **MARO** shall prepare and submit the ARC Classification Report for review and evaluation by the Provincial ARC Task Force (PARCTF). The report should contain the following information:

- Covering/Transmittal Memorandum
- Barangay Profiles of existing and new barangays (Annex A)
- ARC Pre-Classification Matrix (Annex B)
- List of Pre-Classified ARCs (Annex C)
- ARC Classification Matrix (Annex G)
- Location with Vicinity Map of the ARC

The MARO is required to submit the report in two legible copies to the PARCTF. Additional copies may be required by the PARCTF, as necessary.

#### **2. Review, Evaluation and Approval**

Immediately upon receipt of the ARC Classification Report at the DARPO, the **PARCTF** shall:

- Determine the completeness of the documents based on the standard minimum requirements set forth in the ARC Classification Report.
- Review the report within five days upon receipt for its completeness, and accuracy of information.
- Prepare the consolidated Provincial ARC Classification Report for endorsement and approval by the Regional ARC Task Force (RARCTF).

Within five days upon receipt of the Provincial ARC Classification Report, the **RARCTF** shall:

- Evaluate the document and approve or disapprove the ARC classification.
- Prepare and submit to the National ARC Task Force (NARCTF) a consolidated report on the approved ARC Classification.

When all pertinent documents and endorsements have been obtained at the DARCO, the **NARCTF** shall:

- a) Conduct final review, evaluate the recommendations and confirm the approval of classified ARCs.
- b) Disseminate the necessary information to all concerned units of the DAR and other CARP implementing agencies.

**D. Time Frame of Implementation**


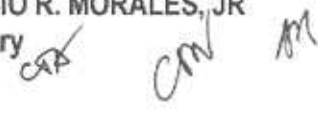
Upon issuance of this Memorandum Circular, initial activities relative thereto shall immediately proceed as follows:

1. Conduct of Orientation on ARC classification by the Regional ARC Task Force to the DFs, MAROs, and Provincial ARC Task Forces.
2. Classify existing ARCs and submit the Regional ARC Classification Report not later than 31 March 2000.
3. Classify all ARCs to be launched from CY 2000-2002 and submit the corresponding Regional ARC Classification Report on or before 31 March of each year until CY 2002.

**IV. Effectivity:**

This Memorandum Circular shall take effect immediately and supersedes all orders and issuances inconsistent thereof.

Diliman, Quezon City FEBRUARY 1, 2000

  
**HORACIO R. MORALES, JR**  
**Secretary** 



**BARANGAY PROFILE**

Barangay \_\_\_\_\_  
Municipality \_\_\_\_\_  
Province \_\_\_\_\_

I. General Features

A. Topography of the Area

B. Location

1. Total Land Area (has.) \_\_\_\_\_
2. No. of Sitio/Puroks \_\_\_\_\_
3. Distance from Poblacion \_\_\_\_\_
4. Existing Means of Transportation \_\_\_\_\_
5. Cost of transportation to and from barangay \_\_\_\_\_

C. Demography

1. Population in CY \_\_\_\_\_
2. Estimated No. of Households \_\_\_\_\_

D. Social Services and Infrastructure

1. Type of Roads \_\_\_\_\_
2. Condition of Roads \_\_\_\_\_
3. Health Station \_\_\_\_\_
4. Secondary School \_\_\_\_\_
5. Water System \_\_\_\_\_
6. Electricity \_\_\_\_\_
7. Others (Specify) \_\_\_\_\_

E. Natural Resources

1. \_\_\_\_\_
2. \_\_\_\_\_



## II. Land Use

### A. Land Use of the Area

#### Phase I

- |                             |                                |
|-----------------------------|--------------------------------|
| 1. Agricultural lands _____ | Settlements _____              |
| Crop Lands _____            | Landed Estates _____           |
| Lowland _____               | OLT Area _____                 |
| Upland _____                | Idle and Abandoned Lands _____ |
| Pasture Land _____          | VOS/VLT _____                  |
| Others (specify) _____      | GFI Foreclosed Lands _____     |
| Total _____                 | PCGG Acquired Lands _____      |
|                             | Govt. Owned Lands _____        |
|                             | ISF _____                      |

#### 2. Non- Agricultural

#### Phase II

- |                        |                                 |
|------------------------|---------------------------------|
| Residential Land _____ | A & D Public Agricultural Lands |
| Commercial _____       | PAL > 50 Has. _____             |
| Industrial _____       |                                 |
| Others (Specify) _____ |                                 |

#### 3. Others (Specify) \_\_\_\_\_

#### Phase III

- |                        |                                 |
|------------------------|---------------------------------|
| Rivers and Roads _____ | PAL >24-50 has. _____           |
|                        | PAL < 50 has. _____             |
|                        | Non-Land Transfer Program _____ |

### B. Land Category

#### Leasehold \_\_\_\_\_

Total Agricultural Land \_\_\_\_\_

Total CARPable Area \_\_\_\_\_

(by Phase) \_\_\_\_\_

Exclude those already under  
VOS/VLT  
CLOA Distributed

C. Number of ARBs

	Small Owner Cultivators	Lessees	Share Tenants	Amortizing Owners	Farmworkers	Actual Cultivators
<i>Phase I</i>						
Settlements						
Landed Estates						
OLT Area						
Idle and Abandoned Lands						
VOS/VLT						
GFI Foreclosed Lands						
PCGG Acquired Lands						
Govt. Owned Lands						
ISF						
<i>Phase II</i>						
A & D Public Agricultural Lands						
PAL >50 has.						
<i>Phase III</i>						
PAL >24-50 has.						
PAL < 50 has						

### III. Agriculture

#### 1. Production

- a. Main Agricultural Crops
- b. Other Crops Cultivated

#### 2. Barangay Map

A rough sketch of the barangay, i.e., without using a scale system. It would show relevant information of the barangay. Among others, it should indicate:

1. Boundaries of the barangay
2. Landmarks (location of community's facilities, etc.)
3. Land type
4. Farmlots
5. Location of ARBs

### IV. SUPPORT SERVICES REQUIRED (Physical Infrastructure Facilities, IGP, etc.)



## LOCATION MAP

\_\_\_\_\_ ARC  
(Name)

### Legend :

- Road
- Brgy. Boundary
- Creeks/Rivers

Map of the Province

Enlarged view of the ARC area

## ANNEX B

## ARC PRE-CLASSIFICATION MATRIX

Name of ARC : \_\_\_\_\_

Prepared By: \_\_\_\_\_

No. of Barangays Covered : \_\_\_\_\_

(Name &amp; Signature): \_\_\_\_\_

Municipalities : \_\_\_\_\_

Position/Office: \_\_\_\_\_

Province : \_\_\_\_\_ Cong'l. Dist. \_\_\_\_\_

Region : \_\_\_\_\_

PARAMETERS/ INDICATORS	Information/ Data						Total	
	Existing Barangays			Additional Barangays				
	Name	Name	Name	Name	Name	Name		
I. ECONOMIC CONSIDERATIONS								
A. Economic Potentials								
1. Agricultural Production Capacity								
> Major Crops/Products - Has. Planted or Utilized perCrop								
Crop 1								
Crop 2								
Crop 3								
> Ave. Yield per Major Crops (unit/has.)								
Crop 1								
Crop 2								
Crop 3								
2. Household Income (per annum)								
> On-Farm								
> Off-Farm								
> Non-Farm								
3. Population Density								
> Density (person/hectares)								
> Total Population (no.)								
4. Labor Force (no.)								
> No. of employable population (15-65 years old)								
> % Employable population								
B. Mobility & Accessibility								
1. Mobility								
[ ] Air								
Type								
Frequency								
[ ] Land								
Type								
Frequency								
[ ] Sea								
Type								
Frequency								
2. Accessibility								
C. Power Supply								
1. Type and no. of Power Sources								

PARAMETERS/ INDICATORS	Information/ Data						Total
	Existing Barangays			Additional Barangays			
	Name	Name	Name	Name	Name	Name	
II. SOCIO-POLITICAL CONSIDERATIONS							
A. Boundaries/Jurisdiction							
1. Barangays Covered (no. of bigys )							
B. Land Status							
1. Agricultural Land Area Covered (has.)							
2. Total Agriland Utilized							
3. LTI Status							
3.1. LAD							
a. Scope							
b. Accomplishment							
c. Percentage (%)							
3.2. Non-LAD							
a. Scope							
b. Accomplishment							
c. Percentage (%)							
C. ARBs/Farmer Beneficiaries (nos.)							
D. Community Organizations							
1. NGOs (nos.)							
2. POs (nos.)							
III. ECOLOGICAL CONSIDERATIONS							
A. Geo-Physical Characteristics							
1. Topography							
> Type and % Slope							
2. Soils							
a. Existing Soil Macronutrients							
> Primary Elements							
> Secondary Elements							
b. Existing Soil Micronutrients							
> Primary Elements							
> Secondary Elements							
c. Other Minor Elements							
3. Climate (Type)							
4. Water Resources (Class)							
B. Eco-System Description							
1. Forest and Wildlife/Watershed Areas/Coastal Areas/							
Mineral Resources							
TOTAL SCORE							

ARC Pre-Classification (Please check area category)

\_\_\_\_\_ 1. ARC as is

\_\_\_\_\_ 2. ARC cluster

Name of ARC included in the cluster

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

\_\_\_\_\_ 3. ARC expansion

Name of additional barangays

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

\_\_\_\_\_ 4. ARC expansion and clustering

Name of ARC included in the cluster

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

Name of additional barangays

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_



## LIST OF PRE-CLASSIFIED ARCS

ARC CATEGORY	NAME OF ARC CLUSTER	NAME OF ARC	BARANGAYS COVERED A. Original B. Additional	MUNICIPALITY
I. ARC as is		1.  2.  3.	A. Original 1.1 1.2 1.3 A. Original 2.1 2.2 2.3 A. Original 3.1 3.2 3.3	
II. ARC Cluster	A.	A.1  A.2  A.3	A. Original 1.1 1.2 1.3 A. Original 2.1 2.2 2.3 A. Original 3.1 3.2 3.3	
	B.	B.1  B.2  B.3	A. Original 1.1 1.2 1.3 A. Original 2.1 2.2 2.3 A. Original 3.1 3.2 3.3	
	C.	C.1  C.2	A. Original 1.1 1.2 1.3 A. Original 2.1 2.2 2.3	



	B.	1.	A. Original 1.1 1.2 1.3 B. Additional 1.1 1.2 1.3 2. A. Original 2.1 2.2 2.3 B. Additional 2.1 2.2 2.3 3. A. Original 3.1 3.2 3.3 B. Additional 3.1 3.2 3.3	
	C.	1.	A. Original 1.1 1.2 1.3 B. Additional 1.1 1.2 1.3	
		2.	A. Original 2.1 2.2 2.3 B. Additional 2.1 2.2 2.3	
		3.	A. Original 3.1 3.2 3.3 B. Additional 3.1 3.2 3.3	

Note: Please indicate under this portion the old name of the ARC in case it is renamed.



## DESCRIPTION OF ARC MODELS

Model	Ecological considerations	Economic considerations	Socio political considerations
Prime Agricultural ARCs	<ul style="list-style-type: none"> <li>➤ One to two ecological zones</li> </ul>	<ul style="list-style-type: none"> <li>➤ Potential to become key production center for various crops</li> <li>➤ Volume of production and land utilization rate can support the market demands</li> <li>➤ Potential to project high agro-industrial development &amp; integrated agri-business system</li> <li>➤ Presence of critical infrastructure facilities (irrigation, roads, post harvest facilities)</li> </ul>	<ul style="list-style-type: none"> <li>➤ A cluster of more than 5 contiguous barangays</li> <li>➤ Huge tracts of agricultural lands (more than 1,500 hectares)</li> <li>➤ Significant number of small farmers/agricultural workers (more than 800 ARBs)</li> </ul>
Semi-Prime Agricultural ARCs	<ul style="list-style-type: none"> <li>➤ One to two ecological zones</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scale of production cannot meet the market demands</li> <li>➤ Lands are not fully utilized</li> <li>➤ Can be a production support to prime agricultural ARCs</li> <li>➤ Can be a mid-</li> </ul>	<ul style="list-style-type: none"> <li>➤ A cluster of 2 to 5 contiguous barangays</li> <li>➤ Substantial tracts of agricultural lands (700 to less than 1,500 hectares)</li> <li>➤ Substantial number of farmers and</li> </ul>

		processing and market-link of the satellite ARCs ➤ Presence of limited infrastructure facilities	agricultural workers (400 to less than 800 ARBs)
Sattelite Agricultural ARCs	➤ One ecological zone	➤ Low soil fertility ➤ Low production, subsistence agriculture ➤ Absence of critical physical infrastructure facilities	➤ A minimum of 2-5 barangays ➤ Limited agricultural lands (less than 700 hectares) ➤ Substantial number of small farmers and agricultural workers (100-400 ARBs)

## STANDARDS FOR THE CLASSIFICATION OF ARCS

CATEGORY OF PARAMETERS	UNIT OF MEASURE	ARC CLASSIFICATION STANDARD INDICATOR		
		Prime	Semi-Prime	Satellite
<b>I. ECONOMIC CONSIDERATIONS</b> <b>A. Economic Potentials</b> 1. Agricultural Production Capacity 1.1 Hectares Planted/Utilized per major crops/products 1.2 Yield per Major Crop/Product a. Crop 1 b. Crop 2 c. Crop 3 2. Household Income 3. Population Density 4. Labor Force <b>B. Mobility &amp; Accessibility</b> 1. Mobility 2. Accessibility C. Availability of Power Supply	Hectares  unit/hectare	75% Above Total Agriand > 21% Above Natl. Ave Level	74-50% Total Agriand 21% Above Natl. Ave Level	Below 50% of Agriand Natl. Ave Level and Below
	P. Average / Year No. of Person / Ha % of Employable Popl'n	P 88,000 2 persons/ha. 80 - 100%	P 58,000-P 87,999 3 to 4 persons/ha. 50 - 79%	P 57,999 & below more than 4 persons/ha <50%
	Types and frequency of transportation No. of Access facilities/ ARC No. /Types of Power Sources	High  High High	Medium  Medium Medium	Low  Low Low
<b>II. SOCIO-POLITICAL CONSIDERATIONS</b> <b>A. Boundaries / Jurisdiction</b> 1. Barangays Covered <b>B. Land Status</b> 1. Agricultural Land Area Coverage 2. Total Agricultural Area Utilized 3. LTI Status a. LAD b. Non-LAD <b>C. ARBs/Farmer Beneficiaries</b> <b>D. Community Organizations</b> 1. NGOs 2. Peoples Organization	No. / ARC  No. Ha. / ARC  % of Agricultural area utilized  % of Land Distribution % of Has. covered w/ registered LHC to Leasehold Scope in Has. No. /ARC  No. of NGOs operating in the area No. of functional & Supportive POs in ARC	> 5 Contiguous Brgys.  >1,500 80-100 80-100 76-100 >800 2 or more >5	3-5 Contiguous Brgys.  700-1,500 50-79 50-79 51-75 400-800 1 3-5	1-2 Contiguous Brgys. Low  <700 <50 <50 0-50 <400 0 1-2



CATEGORY OF PARAMETERS	UNIT OF MEASURE	ARC CLASSIFICATION STANDARD INDICATOR		
		Prime	Semi-Prime	Satellite
<b>III. ECOLOGICAL CONSIDERATIONS</b> A. Geo-Physical Characteristics 1. Topography 2. Soils* 3. Climate 4. Water Resources B. Eco-System Description ( Forest and Wildlife/Watershed Areas/ Coastal Areas/Mineral Resources)	% of Flat/Lowland area Degree of Fertility Climate Type No of Classes / ARC No. of Ecological Zone/ARC	80-100% Flat/Lowland High II & IV > 3 2	50-79% Flat/Lowland Medium III 2-3 1	0-49% Flat/Lowland Low I 0-1 0

\* Get data from Bureau of Soils-DA

**DEFINITION OF STANDARD INDICATORS FOR  
ARC CLASSIFICATION**

<b>I. ECONOMIC CONSIDERATION</b>	A major subject that would classify an ARC according to the poverty, living, and production conditions of the area.		
<b>A. ECONOMIC POTENTIALS</b>	The operational capability, production capacity, and financial stability of an ARC marshaled from its people and community resources for sustained developments.		
		<b>TYPE OF CROPS/ PRODUCTS</b>	<b>Average National Level Production Reference (Mt./Ha.)<sup>a</sup></b>
	<b>1. Crops/ Products</b>	Abacca	0.15
		Asparagus	8.23
		Banana	10.96
		Bell Pepper	3.65
		Black Pepper	0.88
		Cabbage	13.99
		Cacao	0.45
		Calamansi	4.5
		Cashew	5.85
		Cassava	8.65
		Coconut	3.93
		Coffee	0.97
		Corn	1.5
		Yellow	2.22
		White	1.12
		Cucumber	4.41
		Durian	6.48
		Eggplant	7.23
		Garlic	2.73
		Mango	8.16
		Mongo	0.71
		Onion	9.77
		Papaya	12.53
		Peanut	0.82
		Pili	2.05
		Pineapple	32.48
		Potato	19.13
		Potato (Sweet)	4.8
		Pomelo	11.59
		Rice	2.9
		Irrigated	3.39
		Rain-fed	2.08
		Rubber	2.17
		Sugarcane	0.06

		TYPE OF CROPS	Average National Level Production Reference (Mt./Ha.)or (Doz./Ha.)*
		Tobacco Tomato Others, specify	1.12 9.46 Refer to Regional/ Provincial Production Yield in Mt./Ha.
	Flowers/ Cutflowers	Anthurium Chrysanthemum Daisies Gladiola Orchids Roses Others, specify	2,389 Doz./Ha. 8,308 Doz./Ha. 8,349 Doz./Ha. 15,061 Doz./Ha. 13,529 Doz./Ha. 11,389 Doz./Ha. Refer to Regional/ Provincial Production Yield
	Livestocks, Poultry, Dairy, Eggs and Fisheries	In the absence of production data for livestock, poultry, dairy, eggs & fisheries, the production shall be based on the capacity to produce the domestic requirement per Household Equivalent-HNE) of an ARC and likewise for outside market demand. Indicator was based from a conservative assumption that per household will consume: Meat - 100 kgs./household/annum** Dairy - 100 gal./household/annum Eggs- 48 doz./household/annum Fish - 100 kgs./household/annum	
2. Household Income	Average Annual Household Income (Farm, Non-Farm & Off-Farm)		
3.Population Density	An ARC with an average population density of 2/ha. Is considered prime and thereby remarkable increase followed as in-between and inaccessible		
4. Labor Force	ARC population of 15-65 years old is considered employable		
B. Mobilities and Accessibility	The ability to mobilize any industry or enterprise in the ARC given the existing road networks and other facilities/infrastructures for land, air, and sea transports.		
1.Mobility	Classifying the ARCs according to the completeness and regularity of transportation services provided for as:		
	HIGH	Any 2 of air, land and sea transports provided at least twice a day to and from the ARC	
	MEDIUM	Any 2 of air, land and sea transports provided at least once a day to and from the ARC	
	LOW	One type of transportation provided at least once a day to and from the ARC	

\* Sources: Bureau of Agricultural Statistics

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\*\* Meat recovery is 80% of livewt. HNE= Ave. Wt. of livestock x No. of livestock x 80% /ARC Pop'n

<b>2. Accessibility</b>	Availability of access facilities to and from the ARC regardless of type and quality as:	
	<b>HIGH</b>	With roads or alternate routes connecting the ARC to nearby barangay/municipality/city/province
	<b>MEDIUM</b>	No alternate route except for only one means of transportation.
	<b>LOW</b>	Not accessible to any type of transportation except by foot.
<b>C. Availability of Power Supply</b>	Refers to the year-round available power supply from any of its energy source as hydroelectric, coal, geothermal, diesel/oil and others.	
	<b>HIGH</b>	Two or more types of available power supply
	<b>MEDIUM</b>	One or two types of available power supply
	<b>LOW</b>	Absence of available power supply
<b>II. Socio-Political Consideration</b>	The prevailing socio-political condition in the area as another major consideration for identifying the development potentials of an ARC.	
<b>A. Boundaries and Jurisdiction</b>	Classification is based on the number of barangays clustered to form an ARC.	
<b>B. Land Status</b>	The agricultural land and status of land area covered by CARP.	
<b>C. ARBs</b>	Refers to both male and female EP/CLOA holders, leasehold and stewardship contract holders.	
<b>D. Community Organizations</b>	Number of all existing functional/supportive POs and NGOs operating in the area.	
<b>III. Ecological Considerations</b>	The given geophysical and ecological characteristics of the area that would describe the agricultural and industrial potentials of an ARC.	
<b>A. 1 Topography</b>	Area of the ARC with slopes classified as: Lowland/Flat - with slopes at 0-3% Hilly lands - with slopes at 4-10% Upland/Mountainous - with slopes at 11-18%	
<b>2. Soils</b>	The inherent capacity of a soil to supply nutrients (enumerated below) to plants in adequate amounts and in suitable proportion.  Macronutrients: (Mostly from air and water) Carbon            Hydrogen            Oxygen	



	Soil Solids:	
	Primary Elements	Secondary Elements
	1. Nitrogen	4. Calcium
	2. Phosphorous	5. Magnesium
	3. Potassium	6. Sulfur
	Micronutrients (trace elements) from soil solids:	
	7. Iron	11. Copper
	8. Boron	12. Cobalt
	9. Manganese	13. Chlorine
	10. Molybdenum	14. Zinc
	Other minor elements	
	Sodium	Strontium
	Silicon	Barium
		Iodine
		Flourine
	The above nutrients and other trace elements can be found only by conducting soil testing in the area subjected for soil analysis.	
	HIGH	Most of the macronutrients are present in adequate amount, readily available forms and in suitable proportion. Some micronutrients are also present.
	MEDIUM	Some of the macronutrients are present in adequate amount, readily available forms and in suitable proportion. Only a few micronutrients are present.
	LOW	Only few macronutrients are present in adequate amount, readily available forms and in suitable proportion. Negligible presence of micronutrients.
3. Climate	Rainfall distribution as one major factor in high agricultural productivity requiring type II and IV climate types as the maximum standard requirement.	
	TYPE I	Two pronounced seasons, dry season from December to May and wet season from June to November. Maximum period is from June to September.
	TYPE II	No dry season with a very pronounced maximum rain period. Maximum rainfall generally occurs in Dec. and January, although there is no single dry month.
	TYPE III	No very pronounced maximum rain period with a short dry season lasting only from one to three months.
	TYPE IV	Rainfall is more or less distributed throughout the year.





## ARC CLASSIFICATION MATRIX

Name of ARC \_\_\_\_\_  
 No. of Barangays Covered \_\_\_\_\_  
 Municipalities \_\_\_\_\_  
 Province \_\_\_\_\_  
 Region \_\_\_\_\_

Cong'l Dist \_\_\_\_\_

Prepared By \_\_\_\_\_  
 (Name & Signature) \_\_\_\_\_  
 Position/Office \_\_\_\_\_  
 Date Accomplished \_\_\_\_\_

PARAMETERS / INDICATORS	INFORMATION / DATA	ARC CLASSIFICATION		
		Prime	Semi-prime	Satellite
I. ECONOMIC CONSIDERATIONS				
A. Economic Potentials				
1. Agricultural Production Capacity				
> Major Crops/Product - Has. Planted/Utilized/Crop				
Crop 1				
Crop 2				
Crop 3				
> Ave. Yield per Major Crop (unit/has.)				
Crop 1				
Crop 2				
Crop 3				
2. Household Income (per annum)				
> On-Farm				
> Off-Farm				
> Non-Farm				
3. Population Density				
> Density (person/hectares)				
> Total Population (no.)				
4. Labor Force (no.)				
> No. of employable population (15-65 years old)				
> % Employable population				
B. Mobility & Accessibility				
1. Mobility				
[ ] Air				
Type				
Frequency				
[ ] Land				
Type				
Frequency				
[ ] Sea				
Type				
Frequency				
2. Accessibility				
C. Power Supply				
1. Type and no. Of Power Sources				
SUB-TOTAL SCORE				

PARAMETERS / INDICATORS	INFORMATION / DATA	ARC CLASSIFICATION		
		Prime	Semi-prime	Sattelite
<b>II. SOCIO-POLITICAL CONSIDERATIONS:</b>				
A. Boundaries/Jurisdiction				
1. Barangays Covered (no. of brgys.)				
B. Land Status				
1. Agricultural Land Area Covered (has.)				
2. Total Agriland Utilized				
3. LTI Status				
3.1 LAD				
a. Scope				
b. Accomplishment				
c. Percentage (%)				
3.2 Non-LAD				
a. Scope				
b. Accomplishment				
c. Percentage (%)				
C. ARBs/Farmer Beneficiaries (nos.)				
D. Community Organizations				
1. NGOs (nos.)				
2. POs (nos.)				
<b>TOTAL SCORE</b>				
<b>III. ECOLOGICAL CONSIDERATIONS</b>				
A. Geo-Physical Characteristics				
1. Topography				
> Type and % Slope				
2. Soils				
a. Existing Soil Macronutrients				
> Primary Elements				
> Secondary Elements				
b. Existing Soil Micronutrients				
> Primary Elements				
> Secondary Elements				
c. Other Minor Elements				
3. Climate (Type)				
4. Water Resources (Class)				
B. Eco-System Description				
1. Forest and Wildlife/Watershed				
Areas/ Coastal Areas/Mineral				
Resources				
<b>SUB-TOTAL SCORE</b>				
<b>TOTAL SCORE</b>				

ARC Classification: \_\_\_\_\_

## LIST OF CLASSIFIED ARCs

Region : \_\_\_\_\_

Province : \_\_\_\_\_

Prepared by : \_\_\_\_\_

Position/Office : \_\_\_\_\_

Date Submitted : \_\_\_\_\_

Noted by : \_\_\_\_\_

Position : \_\_\_\_\_

CLASSIFICATION	NAME OF ARC	LOCATION		
		Barangay/s	Municipality/ies	Cong'l Dist.
<b>A. Prime ARCs</b>				
High				
Medium				
Low				
<b>B. Semi-Prime ARCs</b>				
High				
Medium				
Low				
<b>C. Sattelite ARCs</b>				
High				
Medium				
Low				

# PROCESS FLOW FOR ARC CLASSIFICATION

## DARMO

### DFMARO

Determine the spatial relationship of existing ARCs with the municipality

Identify adjacent land reformed barangays.  
Prepare barangay profiles (Annex A).

Determine area category (Annex B). Prepare List of Pre-Classified ARCs (Annex C).

### DFMARO

1. Gather data and accomplish Annex G  
2. Submit:  
a) Annexes A, B, C, G, H  
b) Maps & other references  
c) Recommendation

Secure locking requirements

Feedback to WRO

## DARPO

### PARCTF

Review pre-classification documents

Determine spatial relationship of ARCs with the province

### PARCTF Secretariat

Review ARC Classification Documents

Are the documents complete?

YES

Finalize & consolidate the list of ARCs as classified

PARCTF Approval

NO

## DARRO

### PARCTF Secretariat

1. Review ARC Classification Documents  
2. Identify areas for clarification/recommendations

Are the documents completed in order?

NO

Feedback to WRO

YES

Finalize and consolidate list of ARCs as classified by DARPO

PARCTF Approval

NO

Feedback to WRO

## DARCO

### NARCTF Secretariat/ BARBD

Review list of classified ARCs

Are the documents completed in order?

NO

Feedback to DARPO

YES

NARCTF Confirmation

Databanks  
Disseminate information

NO

Feedback to DARPO

Endorses to DARCO ARC Classification Reports  
a) Cover Memo  
b) Annexes A, B, C, G, H  
c) Maps & other references

Endorses to DARRO ARC Classification Reports  
a) ARC Cover Memo  
b) Annexes A, B, C, G, H  
c) Maps & other references

Endorses to DARPO ARC Classification Reports  
a) ARC Cover Memo  
b) Annexes A, B, C, G, H  
c) Maps & other references