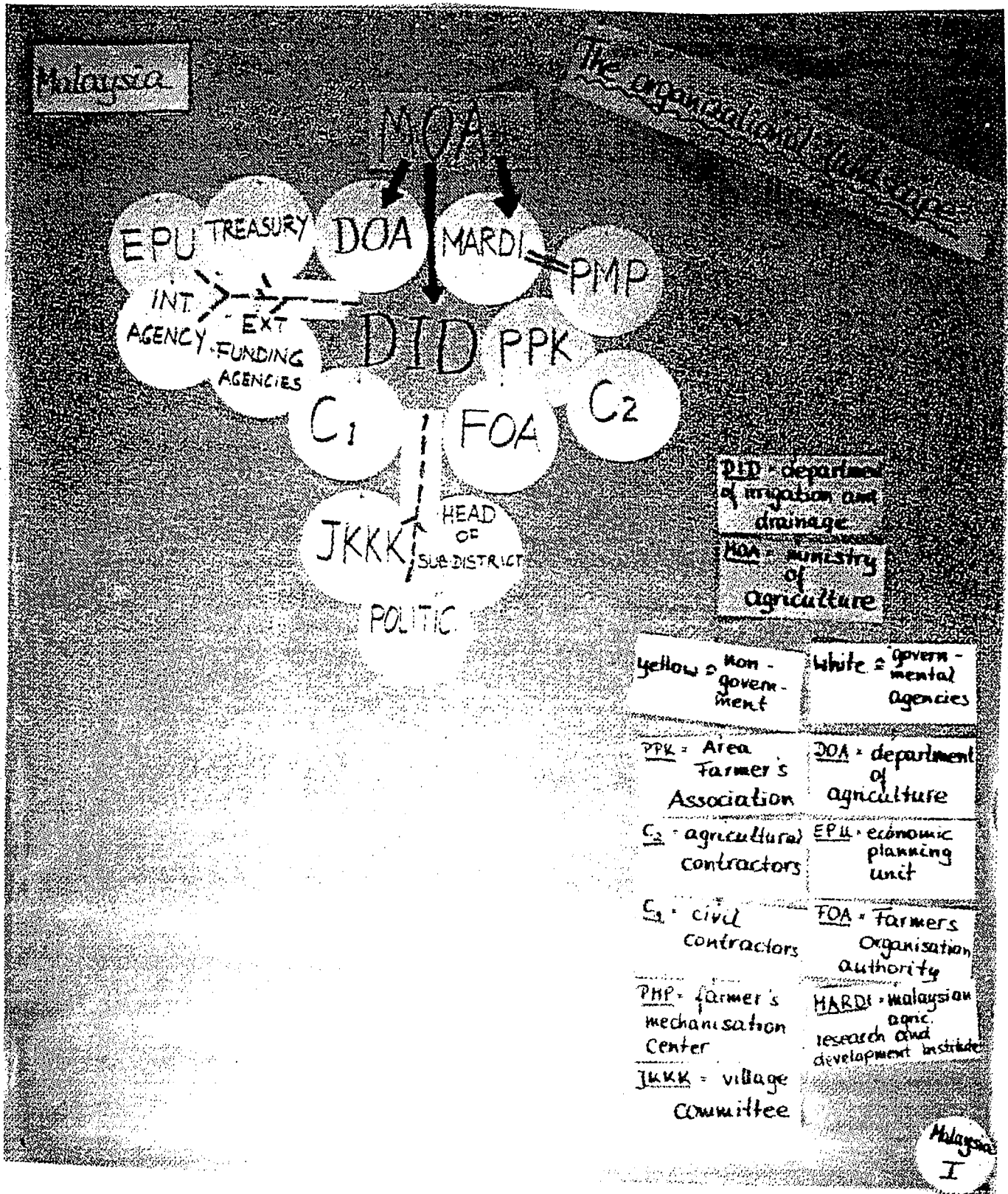


Malaysia presenting the DID's organizational landscape



Services Programme of DID

Beneficiaries

DID

MOA

MARDI

FOA

Services

CONSTRUCT INFRASTRUCTURE

OPERATE SYSTEM

MAINTAIN INFRASTRUCTURE

TRAINING

RESEARCH

OTHER SERVICES

policy input
project identification
implementation

construct farmers' complex

- technical skills
for field staff

- water management for
mid-level

project evaluation

- Project ID
- funding
- logistics

engineering services



DOA

PPK
Farmers

infrastructure

- irrigation
- drainage
- river works
- coastal works
- farm roads

water delivery
schedule

- water delivery
schedule
- water supply

- provide job
opportunity
- water supply

water manage-
ment for
mid-level

water
management
(one day
courses)

- crop cutting surveys
- assist in extension

General
Services
Coordinating

Planning
(meetings)

Information
- publications
- brochures

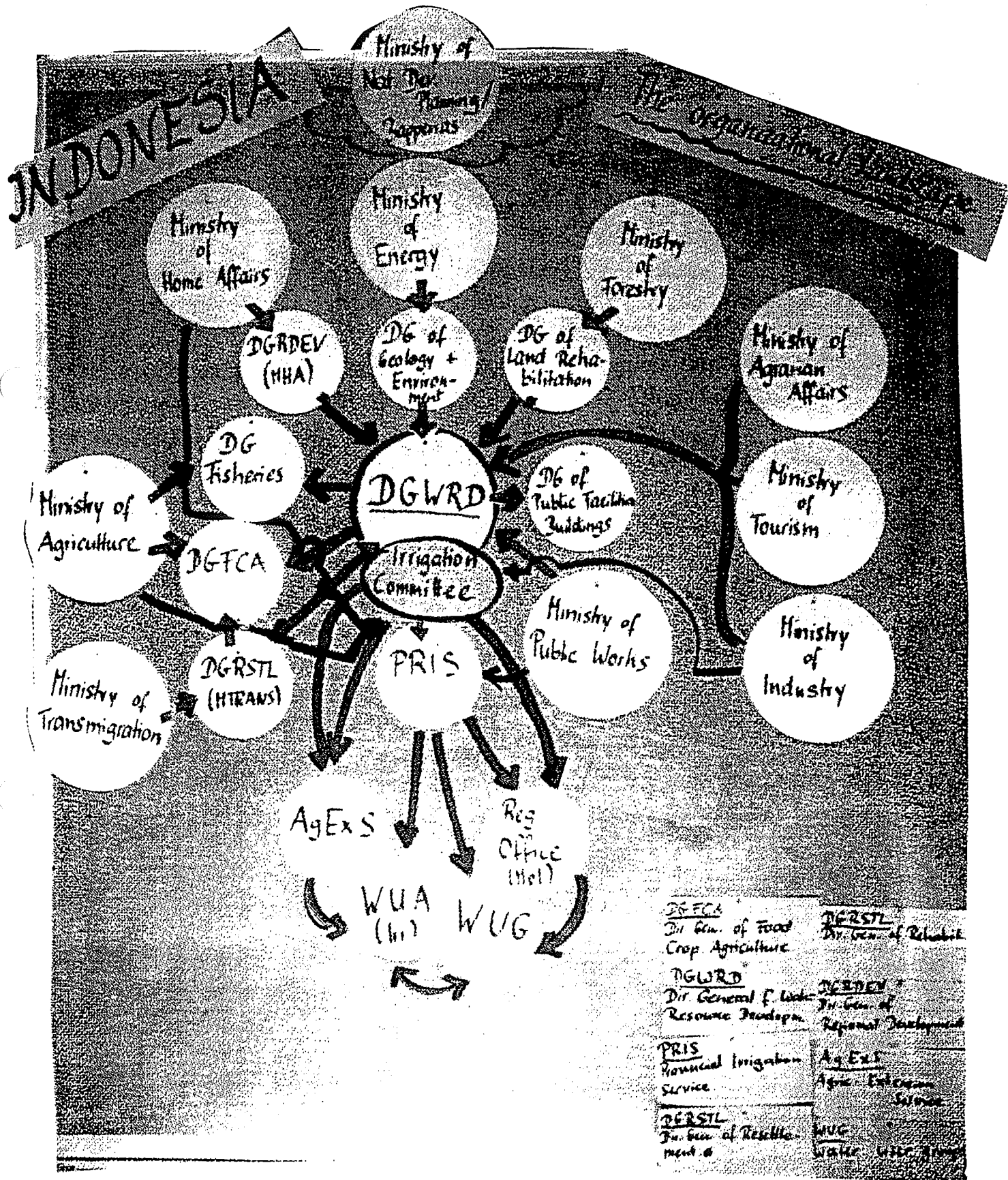
Technical
advice

Technical
cooperation

- IIMI
- IRRI

Malaysia
III

The Indonesians presented their complicated "spider-web" style organizational landscape



INDONESIA

Services of
DGWRD

Beneficiaries
→

¹ Economic Services
CONSTRUCTION
O & M

Irrig. Structures

Irrig. Structures

Irrig. Structures

Swamp-reclamation

Flood control

Drainage

² Information Services

Water availability + allocation

Water availability + allocation

Water availability + allocation

Water availability + allocation

Dr. service-fee

Water quality

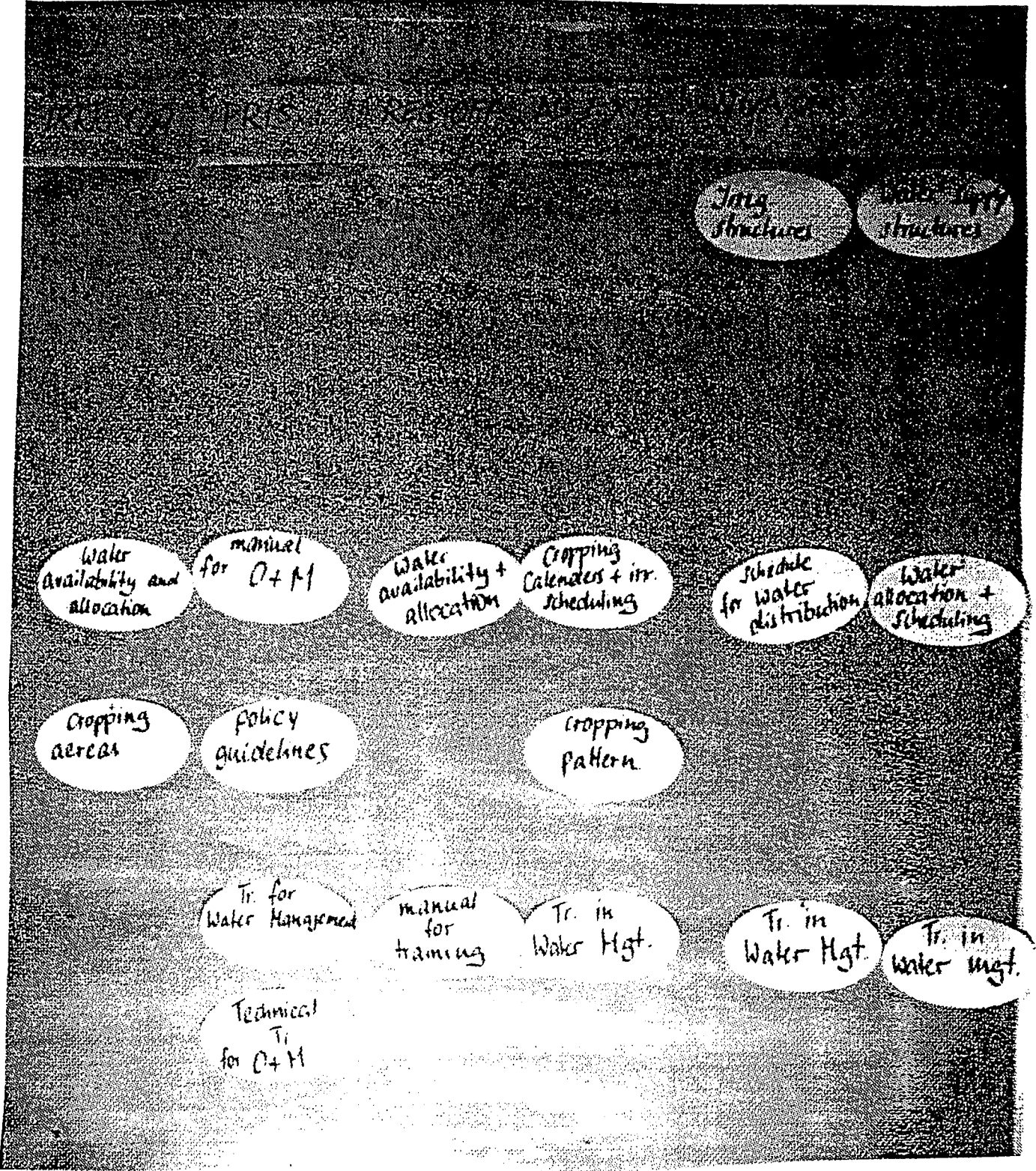
Water quality

Zoning

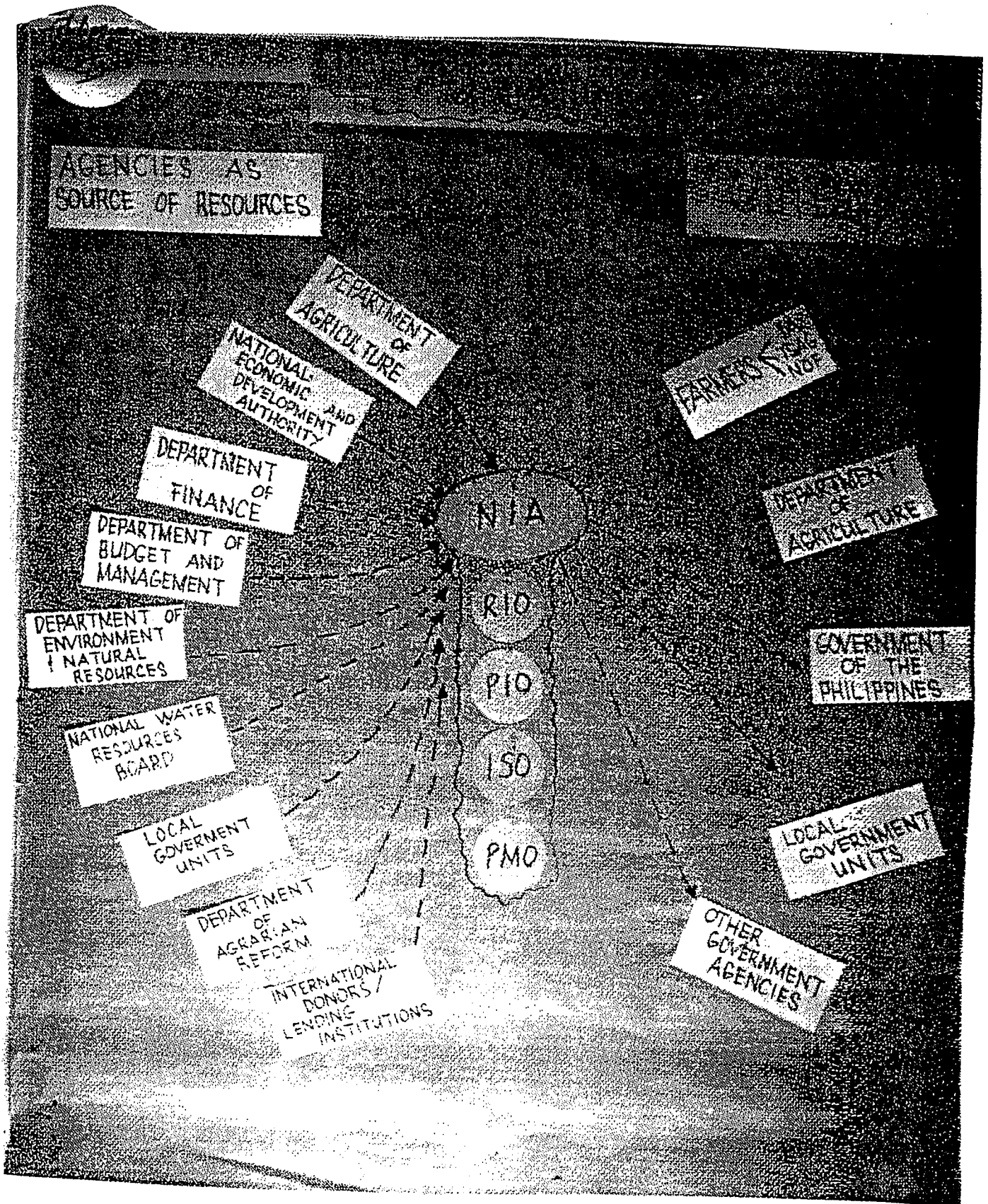
³ Coordination Services

Intensification programme of rice

⁴ Training & Extension



and naturally "NIA" of the Philippines



Depot

Repair Services

1/11/71

TSE/SG

1/10/71

LGU

1/11/71

1/11/71

CONSTRUCTION SUPERVISION

TECHNICAL ASSISTANCE

EQUIPMENT SERVICES

PLANNING/ENG SERVICES

EQUIPMENT RENTAL SERVICES

EQUIPMENT RENTAL SERVICES

OPERATION AND MAINTENANCE IRRIGATION SYSTEMS

MAINTENANCE/REPAIR (CARE) SERVICES

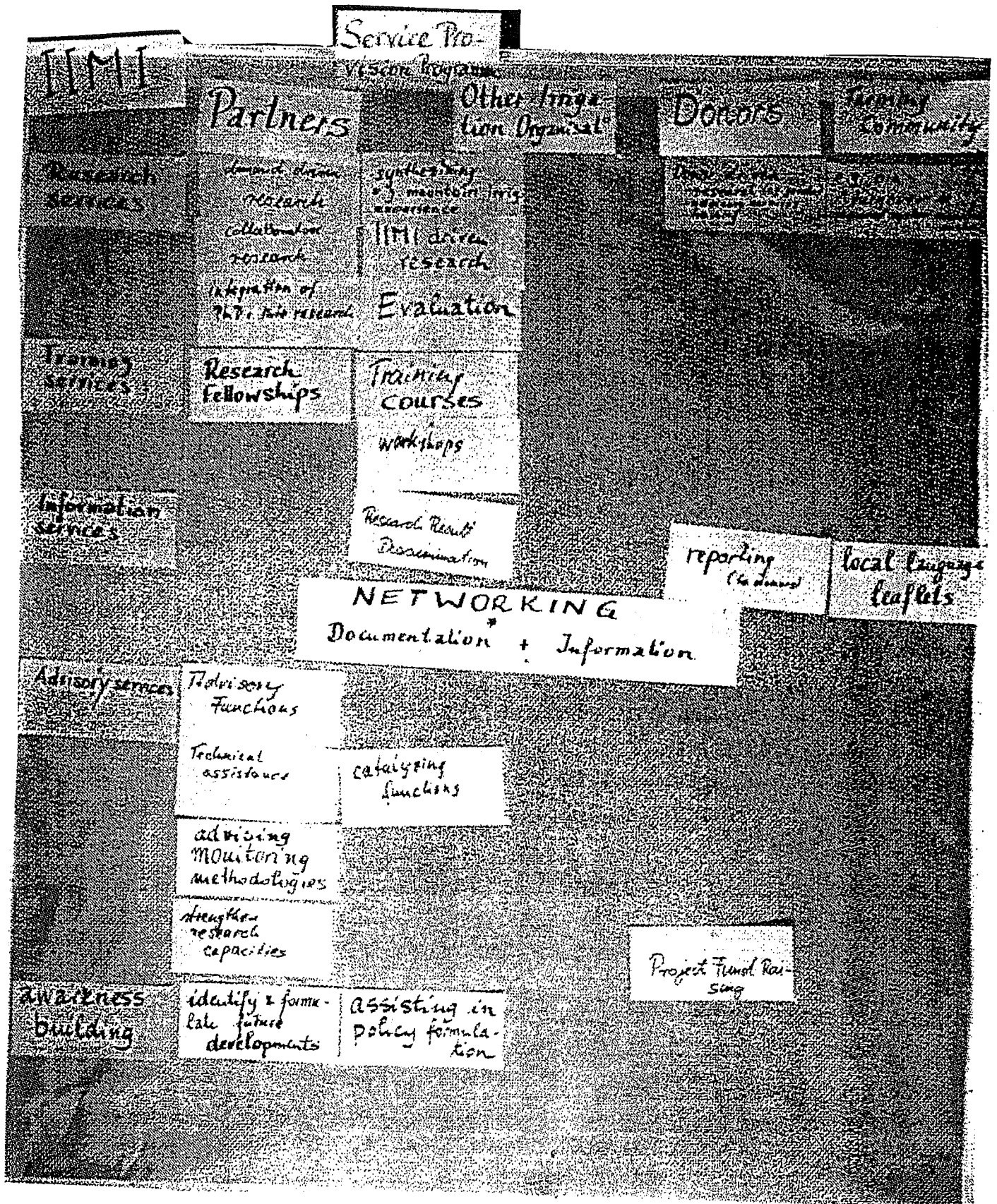
TURN OVER OF FACILITIES

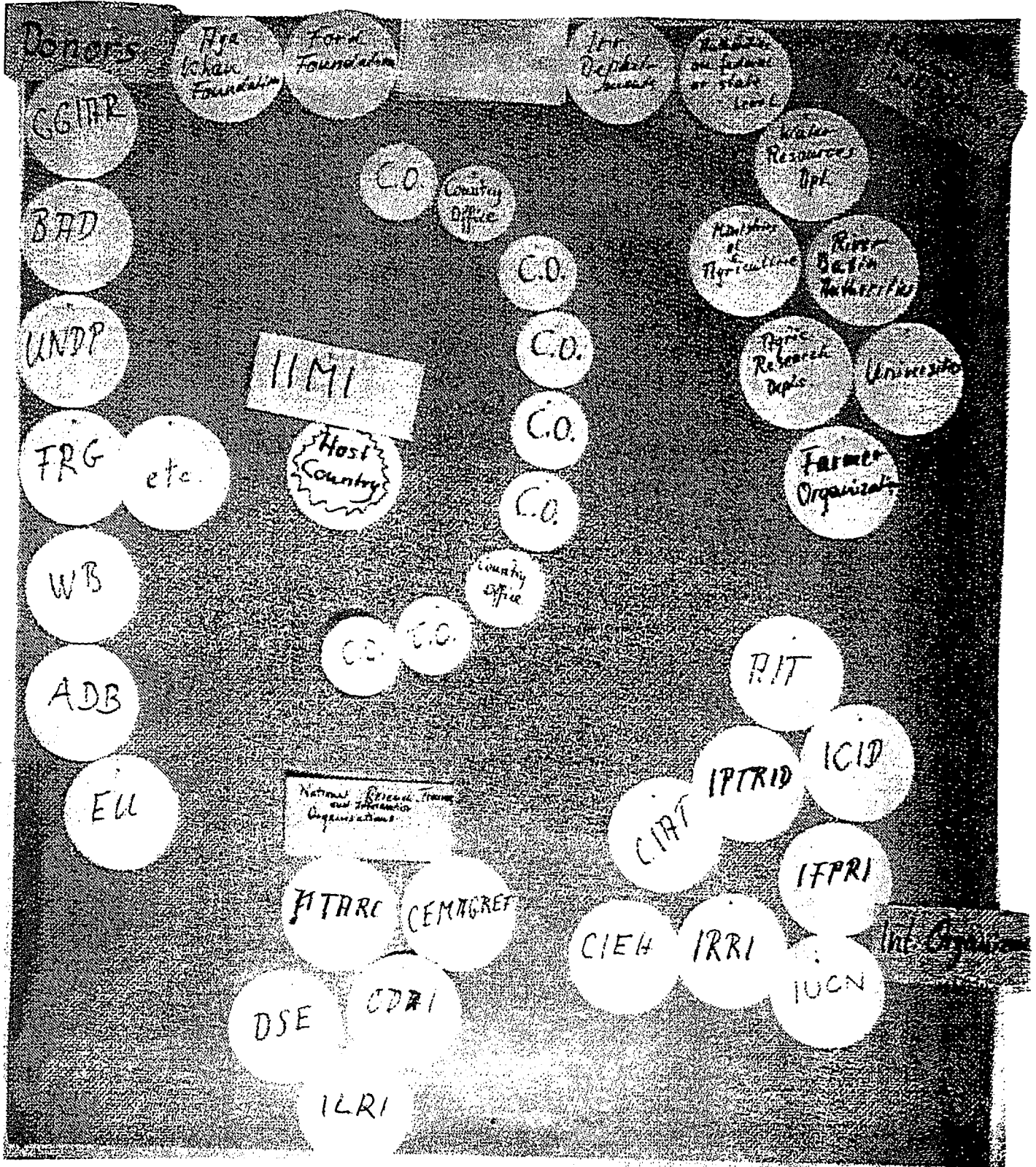
WATER DELIVERY & DISTRIBUTION

COLLECTION OF FEES

EQUIPMENT RENTAL SERVICES

and the results of the "german-international" group





acronyms in the organizational map of IIMI

- IIMI : International Irrigation Management Institute
- CGIAR : Consultative Group for International Agricultural Research
- UNDP : United Nations Development Programme
- WB : World Bank
- ADB : Asian Development Bank
- BAD : African Development Bank
- EU : European Union
- FRG : Federal Republic of Germany
- ICID : International Commission for Irrigation and Drainage
- IRRI : International Rice Research Institute
- IFPRI : International Food Policy Research Institute
- CIAT : International Centre for Tropical Agriculture
- IUCN : International Union for the Conservation of Nature
- IPTRID : International Programme of Technological Research on Irrigation
and Drainage
- AIT : Asian Institute of Technology
- ICHE : International Centre for Hydraulic Studies
- DSE : German Foundation for International Development
- TARC : Tropical Agriculture Research Centre (Japan)
- ODI : Overseas Development Institute (~~in~~ United Kingdom)
- CEMAGREF : Centre for Research on Agriculture, Water and Forests (France)
- ILRI : International Institute for Land Reclamation and
Improvement (Netherlands)

Philippines

- DA : Department of Agriculture
- LGU : Local Government Units
- NOF : Non-organized Farmers
- () AG : Turnout Service Area Group

The Organizational Landscape of the NIA

NIA is the Philippine agency mandated to develop water resources for irrigation.

It has the following characteristics:

1. A government-owned and controlled corporation
2. It is governed by a Board of Directors tasked to provide policy and general direction in the pursuit of its mandate
3. For operation and maintenance it has to rely from its internally generated revenue
4. It depends for support from the national government for its capital investment program.
5. It is an attached agency to the Department of Agriculture whose Secretary sits as the Chair man of its Board.
6. It has various field offices corresponding to Regions, Provinces, Irrigation Systems and Projects.

Agencies affecting NIA operation:

1. Dept. of Agriculture: Chairman of the Board and conduit of funds from the national gov't.

2. National Economic Development Authority (NEOA)

Department of Finance (DOF)

Department of Budget and Management (DBM)

- These agencies play a major role in the approval of projects implemented by NIA as they are members of the Investment Coordination Council - an inter-agency body that decides on the country's capital investment program for various sectors.

3. National Water Resources Board (NWRB): a body which oversees the enforcement of the Phil. Water Code. NIA obtains its water permit for its different irrigation projects from this Board.

4. Department of Environment and Natural Resources (DENR)

NIA depends on this agency for two items:

- a. conservation and rehabilitation of watersheds, and
- b. environmental impact statement certificate for various irrigation projects.

5. Department of Agrarian Reform (DAR): DAR finances irrigation projects of NIA in Agrarian Reform Communities as a support to Comprehensive Agrarian

Reform Program (CARP).

7. Local Government Units (Provincial and Municipal Gov't). - Working relationship of NIA to LGUs became more important starting 1992 upon the implementation of the Local Gov't Code. Since 1992 the communal irrigation program ^(CIP) has been devolved to the LGUs and as such the CIP became a responsibility of ~~the~~ LGU. In many cases the LGUs do not have sufficient capability to implement irrigation projects hence NIA do this for them but funds are provided by the LGUs.

8. International Donors/Lending Institutions. Bigger projects are implemented through the assistance of International Donors and Lending Institutions. These institutions are major sources of funds for various projects.

The major client of NIA is the farmers or group of farmers in the irrigation area. Services such as construction, operation and maintenance of irrigation facilities; organization and development; and coordination are generally directed to them. NIA considers the FARMERS as its PARTNER in its operation.

Documentation of
GROUP-WORK No 2
3.05.94

GROUP-WORK 3.5.

Consider the current Project Planning And Implementation Approach in Irrigation as used in your Country. Is a service-oriented approach relevant in the context of your country - with respect to the planning of irrigation projects?

Please outline the changes necessary to achieve such an approach