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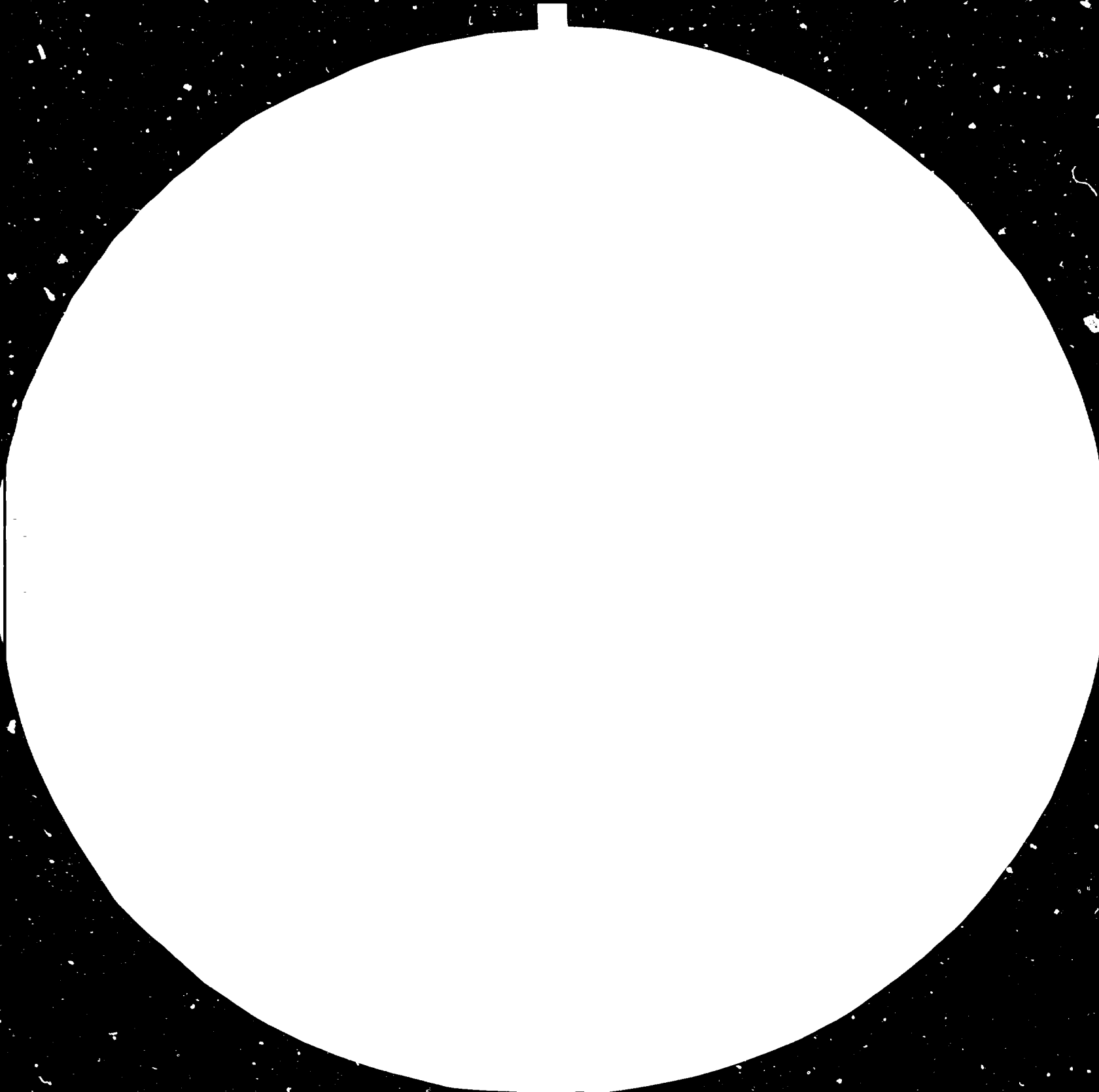
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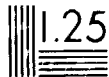
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Resolution Test Chart
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Regional Network for the Production,
Marketing and Control of Pesticides
in Asia and the Far East

Second Technical Advisory committee Meeting

Suweon/Korea, 27 June to 1 July 1983

REPORT*. (Regional network for
pesticides, Asia and Far East).

DP/RAS/82/G06

Prepared for the Participating Governments of
Afghanistan, Bangladesh, India, Indonesia, Korea, Pakistan,
Philippines, Sri Lanka and Thailand

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Introduction

1. The Technical Advisory Committee (TAC) of the Regional Network for Production, Marketing and Control of Pesticides in Asia and the Far East held its second meeting at the Agricultural Chemicals Research Institute, Office of Rural Development, Korea on June 27 to July 1, 1983.
2. The meeting was convened to review the progress of implementation of project activities reflected in the work plan adopted in the First Technical Advisory Committee meeting held in Manila on November 8 - 12, 1982 as well as to identify any constraints and propose revisions to work-plan, budget and implementation procedures.
3. The meeting was attended by 9 delegates from 8 member countries participating in the Network, and 5 from United Nations Organizations including UNIDO, FAO, ESCAP/ARSAP, and UNDP. The Bangladesh representative did not participate. The list of participants is attached as Appendix 1 of the report.
4. The proceedings of the meeting are summarized below.

Opening of the meeting

5. Dr. Dong Soo Kim, Director General of Research Bureau, Office of Rural Development, on behalf of Dr. Moon Heon Kim, Administrator, Office of Rural Development, Suwon Korea, opened the meeting. In his welcome statement Dr. Kim appreciated the Network concept and Networkplan which is most crucial for Agricultural Development in the Region. He emphasized the need for sustained and expanded cooperation among developing countries of the Region on the subject in particular and agriculture in general.
6. Mr. Berenado Vunibobo, Resident Representative, United Nations Development Program, Seoul Korea in welcoming the participants and guests pledged his support in the implementation of planned activities. He emphasized that the areas of activities identified under the project are of great value to the region while reminding the delegates that progress in practical terms must be envisaged particularly through involvement of end users.
7. The Regional Coordinator of the Network, Mrs. Cecilia P. Gaston of the Philippines expressed her gratitude to the Government of Korea for hosting the TAC meeting in a very friendly atmosphere. She highlighted the objectives of the meeting, explained the vital role that National Coordinators play in the Regional Network and stressed the importance of the Second TAC meeting for the project.

Election of Officers

8. Dr. Yong Hwa Shin, Director of the Agricultural Chemicals Research Institute, Korea was elected Chairman, Dr. Nallini de Alwis (Sri Lanka), vice-chairman and Dr. Umar K. Baloch (Pakistan), Rapporteur of the Meeting.

Adoption of Agenda

9. The meeting adopted the agenda as presented in appendix 2.

Review of the Progress of Project Activities/Achievements

Progress

10. Country papers were presented by all delegates. These highlighted the achievements of the network activities of national and regional programs on the production, marketing and control of pesticides. The papers also proposed revisions in the work plan and outlined problems encountered during the period and suggested ways to overcome them. The FAO, UNIDO and ESCAP representatives also presented brief statements. These and summaries of statements of the participants are attached as Appendix 3, and 13.
11. The Regional Coordinator presented a comprehensive progress report on the various activities as outlined in the first TAC meeting at Manila (Appendix 4). The summary of various group activities, fellowships, study tours and consultancies is as follows;
 - The project organized the Experts Group Meeting on the Pesticide Data Collection System on 8-11 March 1983 in Thailand in cooperation with the Agricultural Requisites Scheme for Asia & Pacific (ARSAP) of ESCAP.
 - One fellow, each from Korea, Pakistan, Indonesia & Bangladesh participated in the R & D Formulation training organized in India, March and May 1983;
 - The draft Aide Memoires for the Regional Consultation on Harmonization of Pesticide Registration Requirements and Regional Pesticide Formulation Workshop tentatively proposed to be held in Jakarta Indonesia on 24-29 October 1983 and in India 7-11 November 1983, respectively, have been prepared. The concurrence from both governments to provide host facilities is awaited. Planning for the Quality Control Workshop in Manila is also in progress.

- Two fellows from the Regional Coordination Unit in the Philippines completed a two-week training and observation programme each in Data Collection/Information Services organized by ARSAP/ESCAP at Bangkok, Thailand.

- A study tour on Quality Control for one fellow each from Indonesia, Thailand, Bangladesh and India is being organized by the governments of the Philippines, Korea, India and Pakistan. The nominations from the governments have been received and acceptance from the host governments is expected soon. The study tours for Afghanistan in Quality Control and for Pakistan in Toxicology have been initiated.

- The consultancy on R & D formulation for Korea was completed by Dr. S.H. Khetar from India in May, 1983.

- For Harmonization of Registration Requirements, Mr. Brian Watts has visited Sri Lanka, Philippines, Thailand, Korea and Indonesia and is expected to visit India, Afghanistan, Pakistan and Bangladesh before the Regional Consultation on Harmonization of Registration Requirements takes place in Oct. 1983.

- The consultancy for Regional Quality Control and Packaging & Handling for Afghanistan have been identified and initial action by Regional Coordinator/National Coordinators concerned are in progress.

Achievements

Within the short period of a little over 7 months the progress made has been substantial and the achievements can be summarized as follows:

- The project participation has stimulated the member governments of the participating countries to review their national priorities in pesticide research, development and use; and to strengthen the available facilities.

- All countries have taken steps to initiate infrastructure developments to assist in data collection particularly on supply/demand and distribution.

- Through exchange of views among participating countries during training schemes and study tours they have acquired first hand knowledge of the pesticide industry in the Region. This opened up avenues for identifying areas for technical cooperation for mutual economic benefit by way of supply of technologies, expertise, and products.

- Consultancy programs have specifically benefited recipient countries like Korea enabling them to increase and update their technical expertise.

- Consultancy program has enabled Sri Lanka to expedite enforcement of regulatory measures for the procurement, formulation distribution and use of pesticides.

- Consequent to participation in the Network an enhanced awareness of the need for planned progress in Sri Lanka resulted in setting up pesticide associations in 1983.

Revision of Work Plan and Budget

12. In the light of priorities and progress reported by the delegates of member countries of the Network the work-plan and the budget were reviewed. The revisions were further necessitated because of procedural difficulties encountered, escalating consultancy costs and non-availability of training facilities in the host countries. The agreed revised proposals are attached as Appendix 5.

Future Perspectives and Recommendations

13. The Meeting considered and reiterated the following recommendations made in the First TAC Meeting concerning the continuation of the project beyond the originally approved duration:

" Without exception, the subject matter areas in which the project will engage are very long term activities and require future support. One, Data Collection and its associated activity, Documentation and Information Service, can be considered continuous. Other than recognizing this circumstance, the Committee did not undertake to project longer term manning table because the composition of the Network's membership is likely to change as are the priorities of the participating governments. The delegates strongly felt that the Network's objectives are of long term nature and of vital significance to the social and economic status of the region, which houses half of the world's population. It was therefore unanimously recommended that all possibilities for its long term continuation (at least five years) and continued financial support from all sources should be explored by UNIDO. "

14. In view of the benefits derived by participating countries in the Regional Network, the Meeting recommended that necessary steps be taken by UNIDO to encourage other countries in the Region to join the Network so that eventually such benefits may extend towards the whole of Asia and the Pacific (Far East), thereby further strengthening the bonds of cooperation within the region.

15. In consideration of the expected participation of other countries in the region and taking into account the current projects in progress as well as the budgetary allocations, the Meeting stressed the need for and strongly recommended continued substantial assistance until participating countries can assume full responsibility of the network programme; implementation of the project with expanded activities such as establishment of sub-networks; organization of long-term training courses; strengthening of inter-country exchange of technical expertise; and establishment of continuous information and data collection services in the region, in order to enable the Network participating countries to harvest the full benefits of the regional cooperation initiated and to establish/improve their existing facilities.
16. The participants took all efforts to maintain current budgetary provisions, however, in view of increases in individual cost estimates particularly on consultancies, the Meeting recommended that the UNDP take this into consideration and grant approval of the proposed budget.
17. While emphasizing the importance of continued participation of UNIDO and FAO representatives in the Regional Network activities, the Meeting recommended that such organizations apply the most economical approach to project fund disbursements and explore possibilities of charging participation costs to their headquarters funds or other sources.
18. Appreciating the support of most of the Network participating governments through their designated National Coordination Units, the Meeting emphasized the vital role played by such institutions and their respective National Network Coordinators in the general progress of the project. Realizing that it is through strengthening such institutions that maximum benefit of project activities and regional cooperation are attained, the Meeting recommended that participating governments which have not as yet nominated National Coordination Units and National Network Coordinators do so immediately.
19. Taking into consideration the increased cost of consultancies, the Meeting discussed and in principle accepted the "Inter-TOKTEN" scheme which encourages expatriates to share their expertise in the Region within the framework of the project. (Appendix 6) It was suggested that steps be taken by the National Network Coordinators to locate such expatriates and that a roster be prepared at the Regional Coordination Unit for such purpose.

20. The participants maintained their position with regard to the identified priority areas for regional cooperation and to the further development of sub-networks.
21. The smooth transfer of pesticide data collection/information methodology from ESCAP/ARSAP to the Regional Network was viewed as a significant sign of cooperation
 - Continued ESCAP/ARSAP assistance for data collection including data on demand, distribution and consumption of pesticide data in the region was recommended. It was further agreed that appropriate steps be taken on the national level for collection of such data while the Regional Coordination Unit should design such a format in coordination with ESCAP/ARSAP.
 - The Meeting urged the governments of participating countries to provide full support and cooperation in order to facilitate the timely data collection.
22. The Meeting emphasized the importance of harmonization of registration requirements in the attainment of the general objectives of the Regional Network, particularly in the production, marketing and trade of pesticides within the region. In view of a large number of internationally-accepted registration requirements, procedures and guidelines in existence, the Meeting recommended that governments consider adoption of as many of the above standards as possible, to ensure the success of the harmonization sub-network. The assistance and technical support extended by FAO in providing the much-needed direction for this sub-network was appreciated and further cooperation was envisaged particularly with existing FAO projects in the region relative to pesticides.
23. Since the objective of the project is to strengthen regional cooperation, the Meeting recommended that every effort should be made to utilize regional institutions and expertise to the maximum extent possible.

Procedures for Project Implementation

24. The constraints encountered during the course of the project were basically related to procedures for obtaining clearances for timely implementation of study tours, fellowships, and acceptance of consultants in participating countries. The Meeting stressed the need to comply with existing administrative procedures of local governments and to use established communication channels through UNDP offices for efficient implementation of project activities. It was highly recommended that National Network Coordinators maintain close contact with their own Governments and local UNDP/UNIDO representatives in the

implementation of project activities. Accordingly, the Meeting adopted the implementation procedures which appear as Appendix 7 and which were drafted in consultation with UNDP/UNIDO officials.

25. In view of the nature of the network scheme and the importance of efficient implementation of project activities, the Meeting recommended the delegation of responsibility to the Regional Coordinator to coordinate directly with UNDP offices in the participating countries on behalf of UNIDO.

Adoption of the Report

26. The Meeting discussed and amended the draft report and adopted the report in its present form.

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Appendix - 2

AGENDA

1. Opening of the Meeting
2. Election of Chairman, appointment of Rapporteur
3. Adoption of the Agenda
4. Presentation of reports by the National Network
Coordinator
5. Report from the Regional Coordinator
6. Review of scope of activities
7. Identification of constraints to workplan implementations
 - Constraints
 - Proposed solutions
8. Proposed revision of workplan and budget
9. Improvements proposed for the procedural implementation
scheme
10. Discussion and consideration of the Inter-TOKTEN scheme
11. Other business
12. Adoption of conclusions and recommendations

Appendix 3

Country/UN agency Papers

Afghanistan

India

Indonesia

Pakistan

Republic of Korea

Sri Lanka

Thailand

FAO

ESCAP/ARSAP

UNIDO

India

Progress

1. R & D formulation training for nominees from Bangladesh, Korea, Pakistan & Indonesia.

This training program has been completed. Mr. Byeong Hun Song of Korea, Dr. Zafar Masud of Pakistan, Miss Murshed Jahan of Bangladesh and Mrs. Hendartini of Indonesia completed the training this year.

2. Pesticide Data Collection System.

Government of India has nominated Sri. I.K. Puri, Joint Director (chemicals) in the Ministry of Chemicals & Fertilizers as the National Data Collector and Dr. S.N. Deshnukh, Manager Product Development, Hindustan Insecticide Limited., New Delhi as the correspondent from India. The work on Data Collection has been initiated.

3. R & D consultancy in Korea

Dr. S.K. Khetan, R & D manager, Hindustan Insecticide Limited., New Delhi completed one month consultancy on R & D formulation with Korean Agricultural Chemicals Research Institute in Suwon Korea.

4. Consultancy & Study Tour of Dr. N.K. Pillai

The consultancy of Dr. Pillai to Indonesia & Bangladesh on R & D formulation and his study tour to four countries of the region are being processed.

Constraints & Suggestions for improvement of the working

1. Due to too much internal travel time has been wasted by trainees.

It is proposed to limit the training to one location in future.

2. Lack of experience in pesticide field and proficiency in the working language has affected the training. The selection of candidates may be done in future keeping the above in view.
3. Non-fulfilment of official formalities with the government has resulted in serious inconveniences. It may be ensured that all formalities are completed before the nominees arrive in the host countries
4. Data collected under RENPAF may be made available to the participants.
5. Environmental aspects of pesticide production & Use may be given more emphasis in the future activities.

As a result of participating in the network the following gains have been made.

Through the trainees who came to India we have gained very useful information about the state of pesticide industry in these countries. This would help us to identify the areas where India can contribute to these countries by supplying technical knowledge, expertise and projects required by them. As a result of the consultancy by Indian expert in Korea, exchange of ideas and information have taken place particularly in the field of setting up of research & development facilities. Such exchanges have also helped in contacts with the pesticides industry in the region which can lead to improved association resulting in mutual supply of products and technical expertise.

In India the awareness of the region's need is expected to stimulate the local industry. Further systematic data collection has now been started as a result of the network activities.

INDONESIA

1. Due to several reasons, at the moment some assignments have not been finalized yet, such as:
 - designation of National Coordinator
 - designation of National Data Collector
 - designation of National Correspondent
 - official acceptance as host for Harmonization of Pesticide Registration Meeting in Indonesia in Oct. 1983
2. Activities which have been completed are :
 - Attending Experts Group Meeting on Pesticide Data Collection System held in Chiangmai-Thailand, 8 -12 March 1983.
 - Training of R & D Formulation in India, 16 May - 15 June 1983. Mrs. Handartini joined this activity
 - Receiving Mr. Brian B. Watts, Regional Adviser for Harmonization of Registration, to meet several regulatory authorities in Jakarta 17 - 23 June 1983.
3. Activities which will be implemented soon are :
 - Study tour on Pesticide Quality Control to Philippines, Korea, India and Pakistan, 18 July - 13 August 1983. Mrs. Emmy Ratnawati has been approved to join this activity.
 - Consultancy on R & D Formulation, 1 - 30 August 1983. Dr.N.K. Pillai has been approved by the government.
4. Due to several reasons some of the programme must be postponed.

Pakistan

The project stimulated pesticide research, development and regulation work. It provided chances to the National Network Coordinator & Scientists to acquaint themselves of the status of pesticide work; and benefit from the experiences of other countries. It also helped in initiation of even bilateral cooperation within the Regional countries and international organizations.

Mr. Zafar Masood who participated in one month training course on formulation in India plans to initiate studies on the subject in Pakistan.

Mr. M.M.H. Baig who attended expert meeting on Survey and Data Collection and has been nominated as data collector & national correspondent has already started collecting and compiling pesticide data. This data was in file but was never available for use by the concerned scientists & planners. The pesticide data compilations from the Region will be very useful to the member countries to plan their national & international pesticide production, marketing and use strategies.

The major difficulties faced in implementation of the project plans were mainly of procedural nature particularly unawareness of N.N.Cs of UNDP approvals procedures. Further the procedures are more time and labour consuming which also delayed scheduled consultancies and trainings/study tours. Thanks to the continued pursuance by the regional/national coordinating units and local UNIDO office in Pakistan that satisfactory progress was made.

In addition to planned revision of the schedule of consultancies, group and individual trainings, the following suggestions are made;

1. UNIDO may circulate procedures/proformas for processing of nominations for study tours/trainings/consultancies and also for financial and technical reports of the assignments;
2. the member countries (N.N.C.) may immediately submit TOR for consultancies and work plans for study tours and trainings;
3. financial provisions for participation of Regional Coordinator and selected N.N. Coordinators in international meetings etc. may be made;
4. resources for extension of project and to provide finances to the national governments for expanding researches on the subject particularly for sub-network activities e.g. Toxicology Sub-network in Pakistan may be identified; and
5. the reports of consultancies, study tours, trainings, on prescribed format, may be circulated to N.N coordinators. A time limit may be fixed for submission of these reports.

REPUBLIC OF KOREA

To meet the immediate objectives of the Regional Pesticides Network, the Agricultural Chemicals Research Institute, as the Korean National Coordinating Unit, has actively participated in the implementation of the various project activities, either as a recipient or host institute. To date, the following activities have been completed as scheduled;

- (1) Participation of Mr. Lee Seong Hee at the Experts Group Meeting on Pesticide Data Collection System in Chiangmai, Thailand, March 8-12, 1983
- (2) Individual training for Mr. Song Byeong Hoon on R & D Formulation in India, March 18 to April 18, 1983
- (3) Consultancy in Korea on Formulation Development of Dr. S. H. Khetan from Hindustan Insecticide Limited, India, May 12 to June 10, 1983
- (4) Counterpart support on the mission of Regional Adviser, Mr. Brian Watts of New Zealand, on the Harmonization of Pesticide Registration Requirements, June 10 - 16, 1983
- (5) Preparations for hosting the current second Technical Advisory Committee Meeting in Korea

In addition to the above activities, preparations are underway to provide training for 4 participants on Quality Control and Analytical Methods for July 25 - 30 as part of a study tour organized by the Network.

During the first stages of implementation of network plans and activities, some apparent problems have occurred;

- (1) Lack of the well-qualified experts from within the region on specialized subjects concerning pesticide science & technology to provide needed consultancy
- (2) Unequal state of development among regional member countries to host and provide individual training

This implies that necessary guidance and training be preferably done by industrialized countries, such as U.S.A, Japan or European countries, even though they are not member countries of the Network, rather than by regional member countries. It is therefore strongly recommended that all possibilities for introducing the experts of advanced countries as consultants and providing the training in these places should be explored by UNIDO.

Sri Lanka

Three priority areas were identified under the network for the strengthening of related activities in Sri Lanka; pesticide registration requirements, centralizing data collection and standardization of quality control and analytical methods.

The progress made since the first Technical Advisory Committee meeting in November 1982 has been very satisfactory. A Data Collecting Unit has been established in the Department of Agriculture, and a scheme for obtaining the required information from the various sources-customs returns Ministry of Scientific Industries and the pesticide firms-has been worked out.

The consultancy for Regulations on Pesticide Control was completed by Mr. Brian Watts. He was able to obtain a good overview on government policy, the industry's role and the use and abuse of pesticides in Sri Lanka.

The other two activities are yet to be scheduled in the latter half of 1983.

From a national point of view the progress since November has been:-

- i. the appointment of the Registrar of Pesticide.
and the establishment of a small unit under him;
- ii. forging necessary links for organizing data collection on pesticide import and consumption;
- iii. an increase in the tempo of training on the safe use and handling of pesticides;

iv. formation of the Pesticide Association of Sri Lanka to represent the 9 major pesticide firms in the country.

It could be stated that participation in RENPAF played an important supportive role in effecting these aims.

THAILAND

The Thai Government with the collaboration of ESCAP/ARSAP Bangkok has accomplished the assignment from the first TAC meeting by organizing the Experts Group Meeting on the Pesticide Data Collection System in Chiangmai, from 8 - 11 March 1983. The meeting was attended by 9 delegates from network member countries, 6 representatives from 3 United Nations Organizations and 30 observers. Mr. Adul Worawisittumrong, Director of the Agricultural Regulation Division, Department of Agriculture was appointed as the national data collector of Thailand.

Mr. Brian Watts, consultant on pesticide registration of the network visited Thailand from 4 - 8 June 1983. He collected information about pesticide registration in Thailand.

To facilitate the activities of the network, the national programme coordinator assigned the Agricultural Regulatory Division, Department of Agriculture to assist in coordination of all activities of the programme. There will be three government agencies and one private association involved in the programme.

Thai Pesticide Association has been established in Thailand since February 1983. Mr. Charat Srivichan of Dupont Thailand was elected as the president of the association.

One of the important objectives of this association is to cooperate with the government to raise the standard of safe use of pesticides in agriculture and public health. This association will serve as a center for communication between the government and the private sector in the field of pesticide business.

Afghanistan

The need to develop and establish regulatory measures for pesticides has been recognised by the Govt. of the Democratic Republic of Afghanistan. Steps have been taken to draft legislation for the control of pesticide use in the country.

Currently activity in this field is mainly centred on Repacking and Handling of formulations, which are all imported into the country. Research into biological efficacy of pesticide is carried out by the Dept. of Plant Protection and Quarantine of the Ministry of Agriculture and Land Reform while the distribution of agrochemicals is the responsibility of the AFASCO (Afghan Fertilizer and Agricultural Services Co.)

Under network activities the following areas were identified as the priorities for Afghanistan, viz (1) Formulation, Packaging and Handling (2) Quality Control (3) Harmonization of pesticide Regulations to fall in line with the region (4) Collection of Data for the Supply, Demand and Distribution of pesticides while the other input areas to strengthen the development of the industry in Afghanistan have been scheduled for later in the year.

The Data Collection Meeting was held in March '83. Unfortunately due to procedural delays the nominee from Afghanistan was unable to participate and hence this may lead to delay in accomplishing the recommendations set at the meeting.

It is realized that there is an urgency to nominate the National Coordinator/Coordinating Unit and other cooperating organizations having the necessary expertise and/or authority, in order to fully benefit from the participation in RENPAF.

F A O

This is the first opportunity of the Technical Advisory Committee to examine the programme of our network since its first meeting in November 1982 in Manila. FAO, being an associated agency and being particularly concerned with the work of the subnetworks on harmonization of pesticides registration requirements and with the one on quality control, feels that a great deal of progress has been achieved during the last seven months-especially on harmonization. We should remember, as I am sure we all do, that harmonization of pesticide registration requirements can have a direct impact on both production and marketing which are the other two areas of work of our project.

Furthermore, by reducing divergencies in registration requirements between countries we could strengthen national pesticide control schemes-while reducing costs, promoting trade in appropriate pesticides and increasing their effectiveness, thus increasing food production.

The ground work on identification of areas of potential agreement on such important aspects as chemical/physical properties of pesticides, efficacy, toxicology, residues, environmental effects and labelling is about to be completed by the subnetwork. This should facilitate adoption of uniform requirements, procedures and guidelines at its meeting in October 1983.

In addition to the work on harmonization the overall project has made a good beginning and is showing clear signs that it will justify the modest budget on which it is operating. Progress achieved thus far should serve as an incentive towards further cooperation among participating countries, in all network activities. It should also demonstrate to other countries of the region the benefits which can be derived by joining the network.

The interest and seriousness with which participants have treated the work of the network so far is encouraging. You can rest assured that FAO for its part will support your efforts to the maximum extent possible.

ESCAP/ARSAP

There has been a close and fruitful co-operation between the UNIDO Regional Pesticide Network and ARSAP, since the very beginning of both projects. And now that ARSAP is at the point of phasing out its activities on pesticides, parts of its pilot work, that is to say the economic survey and information service, will be incorporated in the UNIDO Network which became operative early this year. As a tangible expression of this co-operation, ARSAP co-organized and co-financed the Expert Group Meeting on the Data Collection System recently held in Thailand, which among others, resulted in a standard format of the collection and reporting of pesticide data and was unanimously adopted by the member countries of the Network. ARSAP further provided a one month training and observation programme for two information officers of the regional centre of the Network.

Regarding data collection, ARSAP has strongly supported the information centre of the Network during the last few months, and ARSAP is sure that with the keen interest of the participating countries, the Network centre will continue to improve and expand the very basic data collection function which is so important for any policy decision.

ARSAP by now is preparing its final publication on the supply, distribution and use of agro-pesticides. The envisaged report will incorporate a variety of data collected by ARSAP during 1982-1983.

ARSAP is in the process of producing a full colour leaflet on the safe handling of pesticides for distribution to retailers throughout the region. Translation into local languages as well as large scale production will take place thereafter. Bangladesh will be the first country where some 20,000 copies will be distributed. ARSAP would like to invite member Governments to express their interest to ARSAP on the production and translation of the above leaflet. ARSAP has just completed the ARSAP Agro-pesticides Index 1983. This is a directory of common and trade names of agro-pesticides compiled for the Asia-pacific region which would be published shortly.

ARSAP has just published a training manual entitled "Agro-pesticides: their management and application" which has been well received by private industries and government institutions throughout the region. In view of this response, a second print of the publication is now under preparation.

UNIDO

Closing Statement presented by Mr. S.R. Panfil on behalf of UNIDO.

Mr. Chairman, Distinguished Delegates, Ladies and Gentlemen

Let me seize this opportunity to express a vote of thanks on behalf of UNIDO, and my own, first and foremost to the host organization of our meeting. The management and staff of the Institute spared no efforts in providing the Technical Advisory Committee with abundant facilities and support services which enabled the meeting to complete its task in short time as programmed.

Secondly, let me express my gratitude to the delegates from Network member countries of the region, and emphasize the efficiency of our Korean National Counterparts of our joint project, all of whom worked hard for the preparation of the meeting and substantially contributed to its success.

Thirdly, I feel privileged to thank for the excellent co-operation of staff members of the United Nations family, UNDP, ESCAP/ARSAP and FAO, associated with and supporting in many ways the activities of the regional project, which under the able leadership of our Regional Project Co-ordinator is likely to fulfil the prerequisites for joining the list of success stories of UNDP financed technical assistance projects.

The Second TAC Meeting can be considered as a significant step forward towards achieving the objectives of the project. However, while hoping to express the feeling of all participants, you will surely agree with me that there is no room for complacency in view of the large number of activities to be implemented from now onwards in accordance with the recommendations of this meeting.

I wish to assure you that on part of UNIDO we shall do our utmost to expedite preparations for the various functions stipulated in the plan of action. Nevertheless, I presume that we have still jointly to overcome a number of formal obstacles which in principle are beyond UNIDO's direct control.

In recalling the essence of our deliberations, it goes without saying that in some instances certain implicit dependencies between the National Co-ordinator and Higher National Authorities need to be looked at afresh in order to develop avenues of mutual understanding permitting to eliminate deficiencies which tend to retard the implementation of particular activities according to schedule.

This meeting made clear to all participants the rules and procedures of UNDP necessarily to be observed, but surely through joint efforts and expeditious communication all problems connected with Government nominations, acceptance, release of fellows and experts, or acceptance of meetings can be removed.

The period ahead of us, between the second and third TAC, is expected to lay a firm foundation for the continuation and expansion of this project. I hope also that the report of this TAC Meeting will serve as a vehicle to encourage more countries of the region to join the Network.

With this positive prospect in mind I shall close the summary of my views and reiterate all my thanks including my personal gratitude for the perfect reception and friendly atmosphere of co-operation which prevailed throughout our work at the Agricultural Chemical Research Institute of Korea.

Thank you.

Appendix 4

PROGRESS REPORT

Prepared by

CECILLA P. GASTON
Regional Coordinator

Presented at the Second Technical Advisory
Committee Meeting held at Suweon, Korea
on June 27 - July 1, 1983

PROGRESS REPORT

(November, 1982 to June, 1983)

i. Project Activities

A. Production, Formulation and Marketing of Pesticides

1. Group Activity

The Regional Formulation Workshop is scheduled for November 7-11, 1983 in India. In consultation with the National Coordinator of India, a draft Aide Memoire has been prepared and submitted to UNIDO for finalization. The formal approval of the Government of India is being sought.

2. Fellowship/Study Tour

The following fellows completed their training in R & D Formulation under the supervision of Hindustan Insecticides Ltd., India:

- a. Mr. Byong Hua Song (Korea), March 18-April 17
- b. Dr. Zafar Masood (Pakistan), March 8-April 17
- c. Ms. Murshed Jahan (Bangladesh) May 16-June 15
- d. Ms. Hendartini Noeryanto Solano (Indonesia)
May 16-June 15

3. Consultancy

- a. Dr. S. H. Khetan from India completed his mission in Korea on R & D Formulation in May, 1983.
- b. The consultancy of Dr. M. K. Pillai from India on R & D Formulation is currently being processed for possible recruitment August in Indonesia and September in Bangladesh.
- c. The request for a consultant for Afghanistan on Handling, Packaging is currently being processed.

B. Standardization of Quality Control and Analytical Methods

1. Group Activity

The Regional Quality Control Workshop is tentatively scheduled November 21-25 1983 in Manila; however, this may be postponed to January, 1984.

The program and agenda for the Workshop are currently being drafted for submission to UNIDO in a draft Aide Memoire format. Meanwhile, the Philippine Government is processing formal clearance to host the Workshop.

2. Fellowship/Study Tour

- a. The Study Tour on Quality Control has been organized for July 18 - August 13, 1983, involving institutions in the Philippines, Korea, India and Pakistan. The following have been nominated to participate:

Ms. Emmy Ratnawati, Indonesia
Mr. Preecha Chupanish, Thailand
Mr. Mohammad Ruhul Amin, Bangladesh
(for Korea and Philippines only)
Mr. Sultan Ahmed Khan, Bangladesh
(for India and Pakistan)

- b. The Study Tour on Quality Control requested by India for Dr. N. K. Pillai, is also being organized for July 18 - August 13, involving institutions from the Philippines, Korea, Thailand and Pakistan. The purpose is to evaluate and assess the existing laboratories and facilities as well as methods being utilized by the countries involved.
- c. Study Tour on Quality Control requested by Afghanistan to institutions at GDR, Hungary and Russia, is currently under planning stages.

3. Consultancy

The Regional Coordination Unit is negotiating for recruitment of Mr. Warren Bontoyan of the US EPA who is currently President of AOAC, as consultant on Quality Control and Analytical Methods with principal duty station in Manila. The necessary papers have been forwarded to both the consultant and UNIDO for further processing and/or negotiations. It is planned that Mr. Bontoyan likewise provide the requested consultancy for Pakistan.

C. Harmonization of Registration Requirements

1. Group Activity

The Regional Consultation on Harmonization of Pesticide Registration Requirements to be held tentatively in Jakarta, Indonesia on October 14-29, 1983, is in the final stages of preparation. The Aide Memoire will be sent as soon as confirmation is received from the government of Indonesia to host the Meeting.

Some background documents have been distributed to member countries and resource persons from developed countries involved in the Harmonization scheme have been invited.

2. Consultancy

- a. Mr. Brian Watts of New Zealand was recruited for a 2-week assignment in Sri Lanka, as well as a 2-month split mission involving the rest of the participating member countries. The mission commenced May 1 with the primary objective of assessing the registration status in the Region and provide guidance for the Network on a scheme for harmonization of requirements in the Region.
- b. Negotiations are underway to recruit Mr. Jack T. Snelson as additional consultant for the Meeting in October, to provide the necessary direction and guidance for long-term Regional cooperation in the field.

D. Data Collection/Documentation and Information Services

1. Group Activity

The Experts' Group Meeting on Pesticide Data Collection System was held in Chiangmai, Thailand on March 8-11, 1983.

The Meeting identified the type and scope of data to be collected by all member countries, in order to assist in policy decisions aimed at ensuring adequate supply. It was decided that data collection be limited to the supply side since several countries are not in a position to submit any data on demand. On the basis of such agreement, a workplan and implementation scheme was finalized. It was decided that a compiled report be submitted by the Regional Coordination Unit to all member countries indicating data from each country and a regional summary, on a yearly basis. The first report will be due on October 31, 1983.

The format for data collection was sent to all National Data Collectors through their respective UNDP offices, for completion and submission to the Regional Office on or before August 31, 1983.

2. Fellowship/Study Tour

The following fellows from the Regional Coordination Unit have completed 2-weeks training each on information scheme and data collection and documentation at the ESCAP/ ARSAP office in Bangkok.

- a. Ms. Luz Isobal (Philippines), January 24 - February 7, 1983
- b. Mr. Laurencio Teodoro (Philippines), March 24 - 28, 1983.

3. Consultant

Mr. Trevor Matthews of Batelle was recruited as consultant and resource speaker in the Experts' Group Meeting on Pesticide Data Collection System.

E. Toxicology

The Study Tour on Toxicology requested by Pakistan is currently being organized.

F. Other Activities

1. Second Technical Advisory Committee Meeting June 27 - July 1, 1983, Suweon, Korea.

The Meeting is to evaluate the progress/problems of the Network and discuss possible solutions.

2. Status of the request of UNIDO for some form of assistance from industrialized countries in the region, like Australia, New Zealand and Japan.

UNIDO sent official requests to the three countries mentioned through their respective Ambassadors in Vienna, and to date, positive interest has been indicated by Australia.

3. Additional membership in Network

The NCU has been working closely with UNIDO, Vienna in getting additional members to the Regional Network.

Malasia has indicated strong interest in joining the Network and steps have been taken towards this direction.

It was initially conveyed by UNIDO that China and Burma have likewise shown interest in joining. Papua New Guinea is also a likely candidate.

II. Problems and Constraints

A. Implementation Procedures

The problems encountered during this period were basically related to Government clearances for the timely implementation of the study tours, fellowships and clearance of the Regional Adviser by participating countries. Initially at the First TAC Meeting a set of implementation procedures was adopted, however, these procedures were found to be unacceptable to some countries since Governments require prior submission of candidates for clearance and this could only be efficiently managed through the respective UNDP offices and not directly between the National Coordinators and the host institutions. As a result some fellowships, study tours and consultancy programmes were delayed. Necessary remedial action has been taken to avoid repetition of these problems.

B. Communication System/information Services

The type of activities designed for the Network and the corresponding coordinative efforts required for implementation call for an effective and efficient communication system. In some cases, especially in processing study tours and regional missions of consultants, programmes had to be postponed due to constraints along these lines.

Finally, due to budgetary problems, the Regional Coordination Unit has not been able to publish the proposed Newsletter and provide the necessary exchange of technical information.

III. Overall Status

Despite all problems, the project is proceeding satisfactorily and if implementation procedures are clarified in the forthcoming TAC Meeting, the project would proceed more smoothly.

However, since the subject matter areas in which the project will engage are long term activities and all that can be done up to end of 1984 is to initiate each program, it is worthwhile to reiterate the recommendation of the first TAC Meeting "that all possibilities for its long-term continuation (at least to five years) with continued financial support from all sources should be explored by UNIDO."

MANNING TABLE

CONSULTANCY

<u>COUNTRY</u>	<u>NEED SUBJECT</u>	<u>DURATION</u>	<u>PROPOSED DATE</u>	<u>PRIORITY</u>	<u>Possible Regional Countries that can Provide</u>	<u>STATUS</u>
Afghanistan	Formulation	1 m/m	Oct. 1983	1	India	
	Packing & Handling					
	Quality control	1 m/m	Dec. 1983	1	-	
Bangladesh	R & D Formulation	1 m/m	Sep. 1983	1	India	
Indonesia	Formulation	1 m/m	Aug. 1983	1	India	
	R & D Manufacturing	1 m/m	Dec. 1983	1	-	
Korea	R & D Formulation	1 m/m	May 1983	1	India	COMPLETED
	Toxicology	2 m/m	June 1984	1	Pakistan	
Philippines	Toxicology	1 m/m	Aug. 1984	2	Pakistan	
	Analytical Instrument Maintenance	1 m/m	Jun. 1984	1	-	
Pakistan	R & D in Manufacture	1 m/m	Jan. 1984	1	-	
	Quality Control	1 m/m	Jun. 1984	2	-	
	Analytical Instrument Maintenance	1 m/m	Aug. 1984	2	-	
Sri Lanka	Regulation	1 m/m	May 1983	1	-	COMPLETED
	Analytical Instrument Maintenance	1 m/m	July 1984	2	-	
Thailand	Pesticide Data Processing	1 m/m	Nov. 1983	1	-	
<u>GROUP ACTIVITIES</u>	Registration: Harmonization	2 m/m	June 1983	1		IN PROGRESS
	Toxicology	1 m/m	Sep. 1984	2		
	Quality Control	1 m/m	Feb. 1984	1		
		20 m/m				

TRAINING

<u>GROUP ACTIVITIES</u> <u>NO. OF PARTICIPANTS</u>	<u>SUBJECT</u>	<u>TYPE OF</u> <u>T. ASSISTANCE</u>	<u>PROPOSED</u> <u>DATE</u>	<u>PERIOD &</u> <u>DURATION</u>	<u>PROPOSED</u> <u>VENUE</u>	<u>PRIORITY</u>	<u>REMARKS</u>
1. 15	Harmonization of registration	Expert consultation	Oct. '83	1 week	Indonesia	1	
2. 8	2nd TAC Meeting	N.N. Coordinators consultation	June '83	1 week	Korea	1	COMPLETED
3. 10	Formulation	Workshop	Nov. '83	1 week	India	1	
4. 10	Analytical Methods (Quality control & Residues)	Training	Feb. '84	4 weeks	Philippines	1	
5. 10	Trade, Tariff & Relevant data	Expert consultation	May '84	1 week	Sri Lanka	2	
6. 10	3rd TAC Meeting	N.N. Coordinators consultation	Aug. '84	1 week	Bangladesh, Pakistan	1	
7. 10	Toxicology	Workshop	Sep. '84	2 weeks	Pakistan	2	
8. 10	Survey & Data Collection	Expert Meeting	March '83	1 week	Thailand	1	COMPLETED
<u>INDIVIDUAL</u>							
9. Afghanistan	Packing & Handling	Study Tour (2)	May '84	1.5m/m each	GDR, Hungary	1	
10. Bangladesh	Formulation	Training	May '83	1 m/m	India	2	COMPLETED
	Toxicology	Training	May '84	1 m/m	Japan, Yugoslavia		
	Quality control	Study Tour	July '83	1 m/m	Philippines, Pakistan India, Korea	1	
11. India	Pesticide Manu- facturing	Study Tour	June '84	1 m/m	Regional Countries	1	
	Trade & Tariff	Study Tour	Dec. '83	1 m/m	Regional Countries	1	
	Quality Control	Study Tour	July '83	1 m/m	Regional Countries	1	

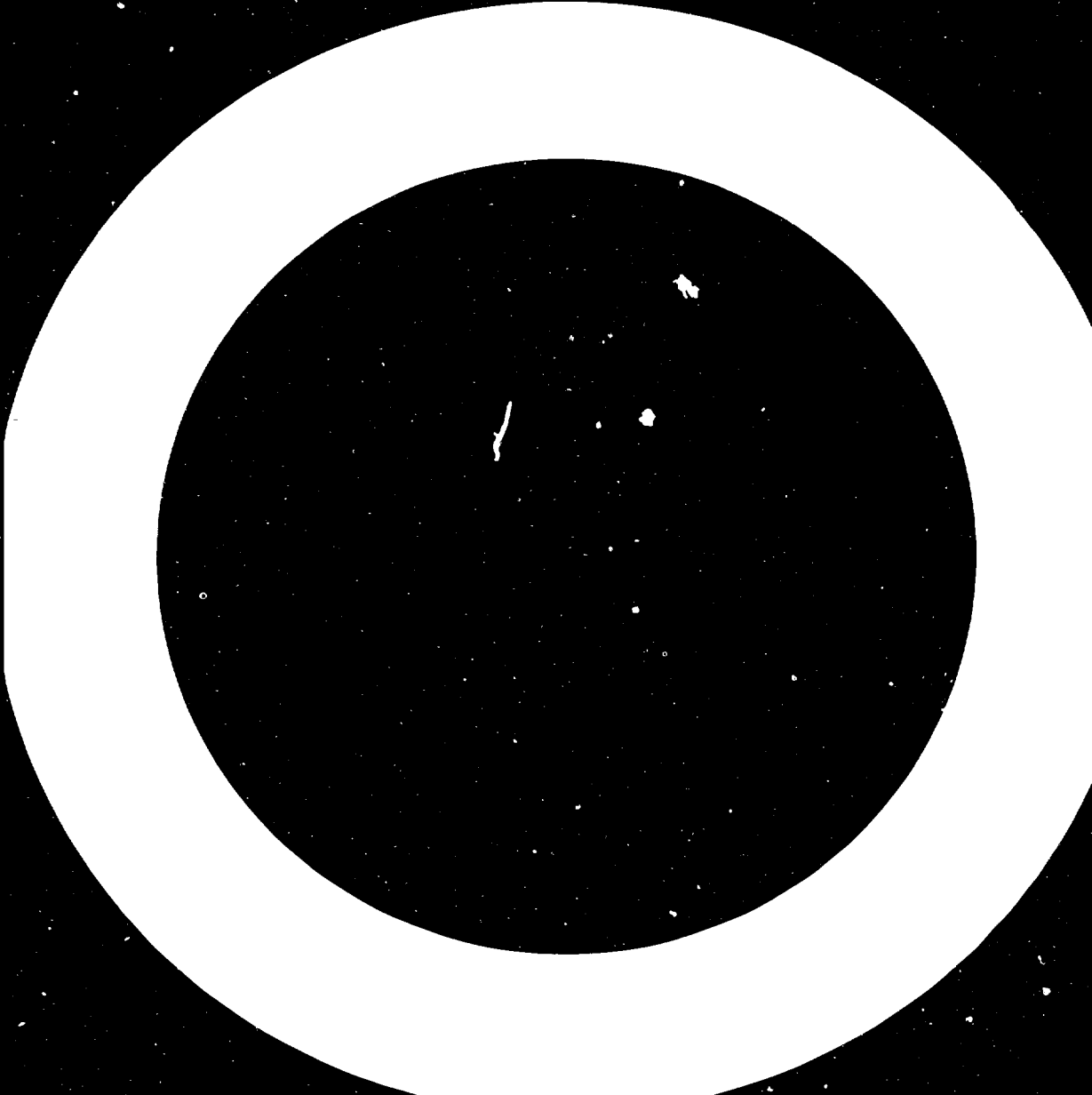
<u>INDIVIDUAL</u>	<u>SUBJECT</u>	<u>TYPE OF T. ASSISTANCE</u>	<u>PROPOSED DATE</u>	<u>PERIOD & DURATION</u>	<u>PROPOSED VENUE</u>	<u>PRIORITY</u>	<u>REMARKS</u>
12. Indonesia	R & D Manufac- ture	Study Tour	Sep. '84	1 m/m	Canada, USA, Europe, India	2	
	Formulation	Training	May '83	1 m/m	India	1	COMPLETED
	Quality Control	Study Tour	July '83	1 m/m	India, Philippines Pakistan, Korea		
13. Philippines	Formulation	Study Tour	Nov. '84	1 m/m	India, Pakistan, Korea	1	
	Toxicology	Training	May '84	1 m/m	Canada, USA, Europe Pakistan, Yugoslavia	2	
	Documentation & Information Service		Jan. '83	1 m/m	Thailand	1	COMPLETED
14. Korea	R & D Manufacturing	Study Tour	Sep. '84	1 m/m	Canada, USA, Europe, India	1	
	Formulation	Training	March '83	1 m/m	India	2	COMPLETED
	Toxicology	Training	May '84	1 m/m	Canada, USA, Europe, Pakistan, Yugoslavia	1	
15. Pakistan	Quality Control/ Toxicology	Training	Sep. '83	1 m/m	USA, Europe, India, Japan, Korea	1	
	Formulation	Training	March '83	1 m/m	India, Korea	1	COMPLETED
	Toxicology	Study Tour	Oct. '83	1 m/m	Canada, Europe, USA,	1	
16. Sri Lanka	Residue Methodology	Training	Nov. '83	2 m/m	Philippines	1	
17. Thailand	Toxicology	Study Tour	March '84	0.5 m/m	Japan	1	
	Formulation	Study Tour	March '84	0.5 m/m	-do-	1	
	Quality Control	Study Tour	July '83	1 m/m	India, Philippines, Pakistan, Korea	1	

PROJECT BUDGET COVERING UNDP CONTRIBUTION
(In US Dollars)

Country : ASIA AND THE PACIFIC

Title : Regional Network for the Production Marketing and Control of
pesticides in Asia and the Far-East

Component	TOTAL		1982		1983		1984	
	m/n	\$	m/n	\$	m/n	\$	m/m	\$
10 <u>Experts</u>								
11-50 Consultants	20	157,872		4,842	10	75,500	10	77,500
13-00 Support personnel		-		-		-		-
16-00 Missions (UN Agencies)		38,208		9,896		16,312		12,000
19-00 Component Total		196,050		14,738		91,812		89,500
21-00 Subcontracts		37,344		-		21,844		15,500
30-00 <u>Training</u>								
31-00 Individual	12	27,100		-	9	15,100	3	12,000
32-00 Group Training		232,967		11,967		120,500		100,500
39-00 Component Total		260,067		11,967		135,600		112,500
40-00 <u>Equipment</u>		38,292		38,292		-		-
50-00 <u>Miscellaneous</u>		28,000		613		13,387		14,000
99-00 GRAND TOTAL		559,753		65,610		262,643		231,500



UNITED NATIONS
DEVELOPMENT PROGRAMME



INTER-TOKTEN PROGRAMME
PROGRAMME DES NATIONS UNIES
POUR LE DEVELOPPEMENT

ONE UNITED NATIONS PLAZA
NEW YORK, N.Y. 10017

INTEROFFICE MEMORANDUM

To: Mr. Andrew J. Joseph, Asst Administrator and
Regional Director for Asia and the Pacific

Thru: Mr. Jehan Raheem, Chief
Division for the Regional Programme, RBAP

From: Yongtu Long, Regional Programme Officer
Division for the Regional Programme, RBAP

Subject: Introducing TOKTEN to the Inter-country Programme (Inter-TOKTEN)

10 JAN 1983

Date: _____ 19__

FILE NO.: RAS/MAC II

SENDER'S TELEPHONE EXTENSION: _____

As we are introducing new modalities to our intercountry programme to increase effectiveness and reduce cost, the idea of expanding the TOKTEN scheme to the intercountry programme (inter-TOKTEN) may deserve serious consideration. This effort will also be in line with the recommendation of the Asian TOKTEN workshop held in Pakistan from 13 to 19 January 1982 for "experiment with new modalities of the TOKTEN programme".

As we have encountered in managing the intercountry projects, there are always certain hindrances in the transfer of technology among the people of different nationalities, due to culture, language and other barriers. We need certain "middlemen" to bridge this gap. In this connection, the TOKTEN consultants seem to be the ideal middlemen, having been educated and worked in countries of different development levels, with more exposure to intercountry exchanges and having better command of commonly spoken technical languages like English and French.

There are many specific ways to bring TOKTEN consultants to the intercountry projects. Following are just a few examples:

1. When one developing country hosts training courses, workshops or seminars, if a consultant from outside is needed, it might be useful to invite a TOKTEN consultant of the origin of the hosting country to help his "cousins" organize and run the training courses as a kind of catalyst to facilitate in the process of transfer of technologies.
2. When one group of technicians from a country is organized to tour several other countries of the region to study local technology, one TOKTEN consultant might be assigned to accompany the group from the country of his origin to promote understanding and facilitate exchanges by utilizing his multi-country experience as well as his language abilities.

UNITED NATIONS
DEVELOPMENT PROGRAMME



PROGRAMME DES NATIONS UNIES
POUR LE DEVELOPPEMENT

3. When national experts are assigned to provide technical service to other countries of the region, a TOKTEN expert could also be utilized to help the recipient to absorb the new technology.

As the situation of "inter-TOKTEN" consultants are somewhat different from "national TOKTEN" consultants who, on many occasions, work in their country of origin out of some personal consideration, we might consider providing "inter-TOKTEN" consultants a symbolic honorarium in the amount of \$1,000 per month or per mission.

Since we already have national TOKTEN schemes in many countries, the TOKTEN consultants are there for our ready utilization in intercountry projects. Thus, the easiest way is to establish linkage between the national TOKTEN scheme with the intercountry programme in order to draw from the pool of consultants available. We may start with some experiment to see how the idea works.

By copy of this memorandum to Mr. Lalkaka and some of our Resident Representatives, may we request their advice and assistance in order for this idea to materialize.

UNITED NATIONS DEVELOPMENT PROGRAMME

Project of the Government of

THE PHILIPPINES

PROJECT DOCUMENT

Title: Transfer of Know-how through Expatriate National Consultants (TOKTEN)

Number: PHI/80/019/A/01/31

Duration: One (1) year

Sector: (Govt class.) Human Resources
Development

(UNDP class. & Code) 16 Science and
Technology

Sub-sector:

(UNDP class. & Code) 1620 Development
and transfer of
technology

Government Implementing

Agency: National Economic and Development
Authority (NEDA)

Estimated Starting Date: April 1981

Government inputs: P. 235,592 (in kind)
(in cash)

UNDP Inputs: US \$50,000

Signed: Letter from Minister Gerardo P. Sicat,
Minister of Economic Planning (Director-
General), NEDA

Date: 2 February 1981

on behalf of the Government

Letter from Mr. H. Nevrodis, Executive
Assistant to the Senior Director,
UNDP/Office for Projects Execution,
New York

Date: 25 February 1981

on behalf of the Executing Agency


Alain Y. Morvan

Resident Representative a.i.

Date: 16 March 1981

on behalf of the United Nations
Development Programme

PART I. LEGAL CONTEXT

This Project Document shall be the instrument referred to as such in Article 1 paragraph 1 of the Agreement between the Government of the Republic of the Philippines and the United Nations Development Programme, signed by the Parties on 21 July 1977.

PART II. THE PROJECT

A. Development Objective

The main objective is to establish a system whereby outstanding specialists of Filipino origin now residing abroad can provide specific technical inputs to the development of the Philippines, in accordance with priorities set in the National Development Plan.

B. Immediate Objective

The Project aims to obtain the services of outstanding Filipino expatriate specialists for short assignments in the Philippines.

C. Special Considerations

The Government of the Philippines is mounting a major effort to develop and modernize the economy and as such needs all the technical and human resources which can be availed of for the purpose.

The system will capitalize on the existing ties which remain in expatriates towards their country of origin. It will, among others, provide for the expatriate himself a form of recognition of his achievements abroad and at the same time give him an opportunity to be of service to his homeland.

Likewise, it will add a new dimension to the UN Technical Assistance Programme in critical priority areas and is expected to result in significant transfer of appropriate know-how at modest cost.

D. Background and Justification

There is in the Philippines an increasing awareness of the need to acquire and apply technology to economic problems at an intensified rate. While the costs and other requirements of technology acquisition are increasing, the multilateral and bilateral assistance resources to supplement local efforts remain insufficient. Therefore, a need to devise new forms of cooperation becomes inevitable.

This project, aimed towards the significant transfer of technological know-how to the Philippines will cover persons of Filipino origin with responsible positions abroad. This will include scientists, economists, technologists and engineers as well as managers, administrators and other persons possessing skills needed for economic and technological development. These would be persons of international standing, identified and recognized by their counterparts in the Philippines or by the UNDP.

The project is conceived within the framework of the "New Dimensions" policy endorsed by the Governing Council and the General Assembly.

E. Outputs

The visiting consultants on the bases of their studies and know-how would provide to their host ministry/agency/organization proposals and/or recommendations on practical problems or on organizational and institutional arrangements. Apart from such reports, significant transfer of experience will take place thru day-to-day association and discussions with national counterpart staff. It is expected that, after the return of the expatriate consultant to his/her country of adoption, he/she will maintain contact by correspondence, despatch of technical literature,

arranging of invitations to officials of the Philippines, for the purpose of maintaining the flow of know-how started with the visit.

F. Activities

The following activities are conceived to be undertaken:

- (i) The Executing Agency on the part of UNDP will be the Office of Projects Execution (OPE) with delegation of executing authority to the UNDP Resident Representative in the Philippines.
- (ii) Mechanisms: The National Economic and Development Authority (NEDA), through the External Assistance Staff, and the Office of UNDP Resident Representative will coordinate and monitor the activities and operations of the scheme. The scheme itself will be given coverage in appropriate circles to invite requests to meet specific technical assistance needs.
- (iii) Roster of expatriate officials: This will be developed by UNDP based, in part, on:
 - preparatory visits abroad to countries of migration by senior officials paid, if necessary, by the project;
 - information provided by ministries/agencies and by research and scientific institutions in the Philippines, by technical universities and by the UNDP Global TOKTEN staff in New York.

For the initial period, the search for suitable expatriate consultants will be determined by the needs identified by the ministries/agencies and other research, scientific and academic institutions in the Philippines.

- (iv) Operation: The External Assistance Staff, NEDA in coordination with the UNDP Office in the Philippines will match needs with possible consultants, evaluate the qualification of consultants, determine their availability, offer their services to the institutions identified by NEDA and arrange for their assignment.
- (v) Project evaluation: A UNDP appointed short-term evaluation mission, with the approval of the Government of the Philippines, will evaluate the scheme at the end of one year of operation in order to assist in the refinement/improvement of the project. NEDA will be fully associated in the evaluation.

G. Inputs

1. UNDP Inputs

a) National Expatriate Consultants (line 17 Other Costs - \$42,000)

UNDP will meet all travel costs, both external and internal, and per diem in the Philippines. As an exception to UNDP rules, tickets will be provided to the National Consultants by the UNDP Field Office, which will also pay their per diem and all travel-related expenditures in local currency. However, upon request by the Field Office to OPE, ticket and per diem could be provided by UNDP Headquarters according to UNDP standards.

The terms of contract with the National Consultants will be set out in a Contract offered by the Government through the UNDP Field Office. Copy of this standard Contract is attached to this Project Document as Annex I.

Assuming an average assignment of 45 days, travel (estimated \$2,000) plus per diem (estimated \$51 x 45 days = \$2,295), and \$205 miscellaneous would amount to \$4,500 for each mission. It is planned to implement 9 assignments during the first year.

Funds to cover this activity have been allocated to budget line 17 "National Consultants".

I. Preparation of Framework for Effective Participation of National and International Staff

Concerned government authorities and UNDP have established an effective working relationship, to facilitate a successful implementation of the project.

J. Development and Support Communication

To launch and sustain project activities, support communication activities will be needed, both to identify appropriate agencies/studies needed in the Philippines and corresponding expatriate consultants available abroad.

K. Institutional Framework

The National Economic and Development Authority (NEDA), more specifically the External Assistance Staff (EAS), which is responsible for the coordination of UNDP assistance to the Philippines, will be the government implementing agency for the project.

L. Prior Obligations and Pre-requisites

There are no prior obligations and pre-requisites as such.

M. Future UNDP Assistance

Depending upon the effectiveness of this initial phase, an extension of the project is visualized.

PART III. SCHEDULES OF MONITORING, EVALUATION AND REPORTS

A. Tripartite Monitoring Reviews; Technical Reviews

The project will be subject to periodic review in accordance with the policies and procedures established by UNDP for monitoring project and programme implementation. Such reviews may, however, be made on an informal basis only.

B. Evaluation

Towards the end of the initial year's operation, one or two consultants to be designated by UNDP will undertake an evaluation mission, including the preparation of questionnaires and conduct of interviews with the users of the consultant services. Copies of the report will be distributed to the government, the UNDP Field Office, and UNDP/OPE.

C. Progress and Terminal Report

The UNDP Field Office, in consultation with NEDA, will prepare a progress report after six months of operation. Should the project be extended, this interval will also be followed until the end of the project at which time a Terminal Report will be prepared.

Each visiting consultant will prepare a brief report on his assignment to be remitted to the Field Office. If desirable and appropriate, printing and wide dissemination of the consultants report can be foreseen under the project.

PROJECT BUDGET COVERING UNDP CONTRIBUTION

(in US dollars)

Country : PHILIPPINES
Project Title : Transfer of Know-How through Expatriate National Consultants
Project Number : PHI/80/019/A/01/31

	<u>T o t a l</u>		<u>1 9 8 1</u>	
	m/m	\$	m/	\$
10. <u>PROJECT PERSONNEL</u>				
11-61 Consultants		5,000		5,000
17-00 National Consultants		42,000		42,000
19 Component Total		<u>47,000</u>		<u>47,000</u>
50. <u>MISCELLANEOUS</u>				
53-00 Sundry		<u>3,000</u>		<u>3,000</u>
59 Component Total		<u>3,000</u>		<u>3,000</u>
99. PROJECT TOTAL		<u><u>50,000</u></u>		<u><u>50,000</u></u>

PROJECT BUDGET COVERING GOVERNMENT COUNTERPART CONTRIBUTION IN KIND
(In Local Currency)

Country : PHILIPPINES
Project No. : PHI/80/019/A/01/31
Project Title: Transfer of Know-How through Expatriate National Consultants
(TOKTEN)

	m/m	<u>TOTAL</u>	P	m/m	<u>1981</u>	P
10. <u>PROJECT PERSONNEL</u>						
Technical Staff	48	81,440		48	81,440	
Administrative Support Staff	<u>32</u>	<u>28,152</u>		<u>32</u>	<u>28,152</u>	
Component Total	80	109,592		80	109,592	
<hr/>						
40. <u>EQUIPMENT</u>						
Equipment		30,000			30,000	
Facilities		66,000			66,000	
50. <u>MISCELLANEOUS</u>		<u>30,000</u>			<u>30,000</u>	
99. <u>GRAND TOTAL</u>		<u>235,592</u>			<u>235,592</u>	

ANNEX 1

STANDARD CONTRACT FOR NATIONAL CONSULTANTS

Dear

PHI/80/019 "Transfer of Know-How through Expatriate
National Consultants (TOKTEN)"

I am pleased to offer you an assignment in the Philippines for a period
of _____ from _____ to _____. You
(duration) (date) (date)
will be attached to the _____
(host institution)

Through this office, the UNDP will provide you with an economy class,
round trip air ticket from _____ to Manila and return,
(home town/city)
as well as a daily subsistence allowance at the prevailing rate equivalent
to _____ for the duration of your assignment in the Philippines.
(account)

Under this scheme, you will be considered as an independent specialist
and not as a UNDP staff member. Therefore, you will not be entitled to the
usual benefits, subsidy, insurance coverage, or other types of compensation
from the UNDP.

The effectiveness of your mission will be enhanced by advance prepara-
tion, both by yourself and by the organization which requested your services.
For this reason, you should write directly to the _____
(host institution)

so that your scope of work could be defined as precisely as possible prior to
your arrival. Enclosed is a copy of the TOKTEN Technical Requirements form
which provides some information relevant to your assignment. Also enclosed is
a copy of the Project Document setting out the details of this project.

We expect that prior to your departure for Manila, your detailed Work
Plan will have been drawn up and a copy sent to us for information.

Towards the end of your assignment here, you are required to prepare a
report (15-20 pages, single-space) giving (a) an account of your activities
and work schedule in the Philippines, (b) your recommendations on solving the
problems and meeting the requirements set out in the Work Plan, as well as
arrangements for implementation and follow-up advisory services through corres-
pondence, and (c) any comments you may have on the TOKTEN scheme and suggestions
for improving its effectiveness. Four copies of the report should be sent to
this office for our records.

ANNEX 1
page 2

Upon receipt of your confirmation of availability for this assignment, preferably by cable, we shall make the necessary arrangements for your travel to Manila, through the UNDP Office in _____.

We all look forward to your arrival in Manila. Should you require further information regarding your assignment, please do not hesitate to get in touch with our office.

Yours sincerely,

UNDP Resident Representative

IMPLEMENTATION PROCEDURES OF THE PROJECT ACTIVITIES IDENTIFIED IN THE
WORK PLAN

(Excluding Project Support Mechanisms and Actions)

Steps Nature of Activity

I. INTERCOUNTRY-GROUP-TRAINING, WORKSHOPS, ETC.

(Assuming, as per work plan of activities, that subject matter, host country and target dates are known)

1. Regional Coordinator asks NCU in the proposed host country to provide as detailed as possible an outline of the course/workshop design within the limits set in the project document's work plan and budget; also a profile of the participants who should attend the activity as designed and a paper on practical information for participants.
2. Regional Coordinator consults UNIDO on No. 1 above, using services of local UNDP Office, if necessary.
3. Regional Coordinator consults NCU in the host country on modifications suggested, if any and obtains confirmation of dates. (Goes back to UNIDO if necessary).
4. Regional Coordinator drafts an aide-memoire together with instructions for the preparation of the report of the group training/workshop (as the case may be) at the completion of the activity.

Regional Coordinator sends the two drafts to UNIDO through the local UNDP, if necessary.

UNIDO or the R.C. in its behalf officially requests the Government of the host country, through the UNDP endorsement for holding the meeting.

5. UNIDO reviews No. 4 above and sends:
 - i) aide-memoire to various UNDP Representatives in participating countries who expressed interest, with copy of Regional Coordinator.
 - ii) instructions for activity report back to Regional Coordinator (such instructions may be an outline of the report contents or a questionnaire).
6. Regional Coordinator sends instructions to NCU in host country with copy to UNDP local office.
- 6.1 UNDP RRs. send nomination forms and aide-memoire to respective Governments with a copy to local NCU.

<u>Steps</u>	<u>Nature of Activity</u>
7.	The NCU shall recommend to Government for nomination at least 2 candidates (if possible) per position available to each of them which shall then be officially submitted by the government to UNDP RRs.
8.	<u>UNDP</u> sends No. 7 above to <u>UNIDO</u> , with copy to Regional <u>Coordinator</u> .
9.	<u>UNIDO</u> selects participants and informs <u>UNDP</u> RPs
9.1	concerned, with copy to Regional Coordinator travel authorization to UNDP RRs.
10.	<u>UNDP</u> in host country asks <u>UNIDO</u> to ensure visa issuance.
10.1	<u>UNDP</u> RRs inform Gov'ts and provide tickets.
11.	<u>Govts</u> in consultation with NCU make travel arrangements (this may require cables to UNDP in host country re visas), with assistance of local <u>UNDP</u> Office if required.
12.	<u>UNDP</u> RRs inform UNDP office in host country of ETA, with copy to <u>UNIDO</u> and <u>Regional Coordinator</u> .
13.	Activity implemented by NCU in <u>host country</u> with <u>participants</u> .
14.	At appropriate time, participants elect rapporteur who, with a small group, will draft group report.
15.	NCU in host country ensures it is done and sends the draft report to R. C. who then forwards it to UNIDO
15.1	<u>Participants</u> depart after arrangements for return journey made by NCU in <u>host country</u> with help of local <u>UNDP</u> Office if any problems arises.
16.	<u>UNIDO</u> reviews the draft report and sends with comments, if any, NCU in <u>host country</u> through <u>UNDP</u> local office or through <u>R.C.</u> via <u>UNDP</u> Manila, as appropriate. In any case it sends a copy to UNDP RR in the Philippines (as <u>PPR</u> for UNDP).

Steps Nature of Activity

II. FELLOWSHIPS/STUDY TOUR
(assuming who/when/where is known)

1. Informally, R. C. asks NCU in each host country to design training programme as per project work plan for submission to R. C.
2. Informally, R. C. consults NCU in each host country on modifications, if any, obtains confirmation of dates, and finalizes it.
3. R. C. consolidates all work programmes and informs participating Governments, through their respective UNDP offices, of details of study tour fellowships, inviting official nominations to be sent to UNIDO via UNDP, with copy R. C.
4. R. C. submits copies of endorsed nomination forms to host countries, through UNDP offices, for required Government acceptances and clearances.
5. Host Government acceptances and clearances are forwarded to UNIDO, through UNDP offices in the countries concerned, info R.C.
6. Upon acceptance by all host Governments, UNIDO issues travel authorization (s) to UNDP offices. *
7. Governments/UNDP make travel arrangements and cable ETA (Expected Time Arrival) to host.
8. Implementation of training by fellow(s) in host country.
9. Fellow(s) return(s) and submit(s) to UNIDO, cc: R. C. his/her report within 2 weeks
10. R. C. sends report to UNDP office in the Philippines and circulates the report to member countries concerned

* UNIDO through established channels to ensure that visa is issued

Step Nature of Activity

III. CONSULTANCY SERVICES
(Advisory or research consultants)

1. Informally, R.C. asks the NCU in requesting country to prepare and send as detailed as possible a description of the services required with all necessary background information to the offering country, cc: R.C. It asks NCU both countries to agree (by direct exchanges cc R. C.) on "all" aspects of the consultancy: substantive, financial etc. within the limits of the project work plan and budget.
2. Bilateral contacts of NCU take place.
(cc R. C. ensures that no undue delays occur in this exercise).
3. Agreement reached bilaterally between NCUs on terms of reference (TOR) including qualifications of consultants, work programme and schedule and conditions.
 - 3.1 Both countries send No. 3 to R. C. (R. C. reverts to NCUS, if points remain to be clarified).
 - 3.2 Simultaneously, the NCU makes a formal request through the Government, to UNIDO, through UNDP offices.
4. R. C. sends No. 3 or 3.1 to UNIDO, together with curriculum vitae of candidate.
5. UNIDO, if satisfied, offers the consultancy contract to the expert from the offering country as per UN and Government legal procedures and pays the fee plus travel and DSA (Daily subsistence allowance).
6. UNIDO ensures clearance of selected consultant by the recipient country and also ensures timely visa issuance.
7. The expert submits his report to UNIDO, cc to NCU of the recipient country and the R. C. on the mission.
8. UNIDO elicits the views of the recipient country and the R. C.
 - 8.1 UNIDO decides whether to accept the report and, so informs the R. C.
9. R. C. sends reports with comments, if any, to UNDP RR in the Philippines.

List of Regional/National Network Coordinators

Regional Coordinator

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National Network Coordinators

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AFGHANISTAN

INDONESIA

Appendix 9

NATIONAL DATA COLLECTORS

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