

Anlage 1

Anlage 1:

Reise- und Arbeitsverlauf 17. Juli bis 14. August 1994

Sonntag 17.7.

13.55 Abflug nach Colombo/Sri Lanka ab Frankfurt

Montag 18.7.

6.00 Ankunft in Colombo

12.00 Lunch und Gespräch mit Charles Abernethy (IIMI)

14.15 Gespräch mit Dr. C M Wijayaratna - Head Sri Lanka Field Operations

15.30 Gespräch mit Dr. R Sakthivadivel - Senior Irrigation Specialist

Dienstag 19.7.

9.00 Gespräch mit Dr. Douglas Vermillion - Local Management Program,
9.30 Bibliotheksdurchsicht

10.00 Gespräch mit Khalid Mohtadullah - Director of Research IIMI

11.00 Gespräch mit Tissa Bandaragoda - Country office Pakistan

11.45 Gespräche mit der Publikationsabteilung IIMI

12.15 Lunch mit Roberto Lenton, Director General of IIMI

14.00 Gespräch mit P. Mutukumarana, Training assistant IIMI

15.00 Abschlußgespräch mit Charles Abernethy

Mittwoch 20.7.

9.00 Zusammenfassung der Ergebnisse in Sri Lanka (IIMI)

13.25 Weiterflug nach Thailand

18.15 Ankunft in Bangkok

Donnerstag 21.7.

9.00 Irrigation Engineering Center
Mr. Vira Vongsangnak - Director IEC for Administration

10.30 Office of the National Water Resources Committee
Mr. Anek Chandarawongse - Director

11.00 National Economic and Social Development Board
Mr. Santi Bangor - Director Economic Projects Division

14.30 Budget Bureau
Mr. Siranon Sakolwithayanon - Head of Subdivision of Rehabilitation

Mr. Vira Manatrakul - Head of Subdivision of O & M

Mr. Sawatdiparp Kantatham - Assistant Director

Mr. Poonsup Piyaanant - former Assistant Director

Freitag 22.7.

9.00 FAO Regional Office for Asia and the Pacific
Mr. Joost Geijer - Associate Professional Officer

11.00 Department of Agricultural Extension
Mr. Apichai Chingprapa - Head of Sub-Division

14.00 Irrigation College
Prof. Lersak Rewtrakulpaiboon - Director
Mr. Yutthana Talaluxmana - Lecturer, Civil Engineer

Samstag 23.7.

- 8.30 Fahrt zur Kasetsart University, Kamphaengsaen Campus,
10.00 Department of Irrigation Engineering
Dr. Varawoot Vudhivanich - Director of Deptm. of Irrigation Engin.
Mr. Santi Tongpumnuak - Dozent
Mr. Adul Wanchana - Dozent
Dr. Pongsatorn Sopaphan- Dozent
14.00 Field visit to "Song Phi Nong" - Irrigation Scheme of the RID
Mr. Watcharin Panpinya, Operation & Administration - Engineer

Sonntag 24.7.

- 7.20 Flug nach Khon Kaen, Ankunft: 8.15
9.00 Treffen mit Mr. Wichit Hongkarnjanakul - Project Manager NEWMASIP

Montag 25.7.

- 9.00 NEWMASIP Irrigation Project, Vorstellung
Mr. Vira Vongsaengnak - former Project Manager
Mr. Boonchob Homkasorn - irrigation engineer
Mr. Atthapong Chantanumate - Chief of computer section
10.30 Führung durch die Trainingssection
11.30 Khon Kaen University, Agricultural Engineering Department
Prof. Vichai Sribonlue - Director
Mrs. Sunantha - Dozentin
Mr. Maitree - Dozent
16.00 Fieldvisit im FOM-Project des NEWMASIP
20.20 Rückflug nach Bangkok, Ankunft: 21.10

Dienstag 26.7.

- 10.00 Royal Irrigation Department: Treffen mit RID-Teilnehmern des Programmes:
Metha H., Chunrat U., Boonyong P., Anudtara J.,
und eingeladenen Externen:
Dr. Apichart A. - freier Consultant, Dr. Vorawoot V. - Lecturer Uni
Dr. Jesda K - Lecturer, Uni

Mittwoch 27.7.

- Flug nach Malaysia:
11.50 Georg Bokeloh: über Kuala Lumpur nach Kota Baru:
Außenstelle des Deptm. of Irrigation and Drainage, DID: NWMTC
15.00 Walter Huppert: über Penang nach Alor Setar Ankunft 17.35
Muda Agricultural Development Authority (MADA),
Syed Azizan Al-Idrus - General Manager National Water

Donnerstag 28.7.

- 9.00 W. Huppert: MADA cont'd.
19.15 Flug nach Kuala Lumpur, Ankunft: 20.00
9.00: G. Bokeloh: National Water Management Training Centre (NWMTC)
Mr. Chong Chee Han - Director NWMTC
Ms. Masita - Dozentin/trainer; Mr. Zulkifli Abdul Hamid - Dozent/trainer
Mr. Nik Ariff Sulaiman - Dozent/trainer; Mr. Ngoh Tee Dong - project officer
Mr. Abu Bakar Yusof - project officer; Mr. Mohammad Omar - project officer

14.00 Projektbesuch im KADA-irrigation project
20.30 Flug nach Kuala Lumpur, Ankunft: 21.15

Freitag 29.7.

9.00 Malaysian Agricultural Research and Development Institute (MARDI)
Mr. Embi Yusoff - Deputy Director General
Mr. Shahrin Yob - Deputy Director
Mr. Ayob Katimon,
Dr. Kassim Buhiran

mit Vertretern der University Pertanian Malaysia - UPM

Dr. Abdul Aziz Zakaria - senior lecturer
Dr. Salim Said - Head of Faculty of Engineering

15.00 Department of Irrigation and Drainage - DID
Mr. Keizrul bin Abdullah - Head of Selangor DID-office
Mr. Hosni Bardan - training section
Mr. Richard Yong - training section
Mr. Khoo Chee Ngion - senior engineer
Mr. Siva Pak - secreteriat

Samstag 30.7.

10.40 Flug nach Indonesien über Jakarta nach Yogyakarta, Ankunft 18.30

Sonntag 31.7.

keine weiteren Termine; Zusammenfassung der Malaysia-Ergebnisse
gemeinsames Abendessen mit GMU-staff

Montag 1.8.

9.00 Gadjah Mada University (GMU)
Dr. Suprodjo Pusposutardjo - Faculty of Agric. Technology
11.00 Dr. Loekman Soetrisno - Centre of Rural and Regional Studies
14.00 Fieldvisit: Mr. Budi S. Sadiman - Project Manager/Penataran, Bantul Distrikt
17.30 Flug nach Jakarta, Ankunft 18.30

Dienstag 2.8.

8.00 Deutsche Botschaft, Herr Knippschild, Frau Lange, Herr Reinhard
9.00 National Development Planning Agency (BAPPENAS)
Dr. Agus Pakpahan - Assistant to the Assistant Minister for Human Ressources
Mr. Moestadjab - Assistant to the Director General
11.00 Directorate General of Water Resources Development (DGWRD)
Mr. Soenarno - Director Irrigation I
Mr. Martono - Director Irrigation II
14.00 Directorate of Rehabilitation and Land Development,
im Directorate Food Crops and Horticulture
Dr. Sinis Munandar - Director
Mr. Saud Berahmane - Head of Land Dev. and Improvement Subdirection
Mr. M Sinolinga - Head of Water Management Subdirection

Mittwoch 3.8.

8.00 Fahrt nach Bogor (Georg Bokeloh)
10.00 Agricultural University of Bogor (IPB)

- 13.00 Dr. Mangara Tambunan - Lecturer at Faculty of Agriculture
Mr. Bungaran Saragih - Director of Center for Development Studies
Center for Agro-Socioeconomic Research
- 6.00 Dr. Andin Taryoto - Researcher, Rural Sociologist
- 12.00 Fahrt nach Bandung (Walter Huppert)
Research Institute for Water Resources Development
Mr. Ganjar Kumar; Mr. Paul Sannachso - Chairman
- Donnerstag 4.8.
- 9.30 Meeting with former participants im DGWRD
Ms. Nurijah Rochmah, Mr. Nicolas Darismanto, Mr. Suharto Budidarmo,
Mr. Daddi Herdiawan, Mr. Eddy Sulaiman, Mr. Soekarso Djunaedi, Mr. Ramli
Djohan, Mr. Soeseno Sosrodimoeljo, Mr. Soedarmo, Mr. Busra Mas'ud
- 13.30 Directorate General of Regional Development
Mr. Tamim Saifudin, Head of Human Reasearch Section
- 16.00 Institute for Social and Economic Research, Education & Information (LP3ES)
Mr. Rustam Ibrahim, Director; Mr. Arselan Harahap, Director for Publikations
Mr. Kuswanto - head of irrigation section
- Freitag 5.8.
- 6.30 Walter Huppert: Flug nach Padang, Andalas University, Ankunft 8.15
Prof. Dr. Sjojfan Asnawi - Director, Centre for Irrigation Studies
Dr. Muchlis Muchtar - Dean, Faculty of Agriculture
Fieldtrip on Irrigation Development in Sumatra
Besuch beim Governor von Sumatra
- 12.10 Georg Bokeloh: Flug nach Philippinen, Ankunft 17.15
- Samstag 6.8.
- 16.00 G. Bokeloh: Zusammenfassung der Indonesienergebnisse
Gespräch mit GTZ FAMI Projekt, Dr. Peter Egenolff
- Sonntag 7.8.
- 17.25 W. Huppert: Rückflug Padang Jakarta, Ankunft 19.05
keine weiteren Termine
- Montag 8.8.
- 10.00 G. Bokeloh: Absprache der Termine mit NIA (Dr. Galvez)
Deutsche Botschaft, Herr Schmitz
- 12.10 W. Huppert: Flug nach Philippinen, Ankunft 17.15
- Dienstag 9.8.
- 9.00 National Irrigation Administration, NIA
Dr. Jose Galvez - Assistant Administrator
- 11.00 Bureau of Soils & Water Management
Mr. Godofredo N. Alcasid - Director
- 14.00 Ford Foundation, Manila office, Mrs Mary Racelis, Assistant Representative

Mittwoch 10.8.

- G. Bokeloh:
9.00 Department of Budget and Management - Ms. Laura B. Pascua, Director
11.00 Department of Finance - Ms. Dolores Celeda, Corporate Affairs Group
15.00 Department of Agriculture - Dr. Manuel M. Lantin, Undersecretary
Walter Huppert:
9.00 National Economic and Development Authority, NEDA
Ms. Dolores S. Celada, Project Evaluation Officer
Mr. Rolando A. Malacaman, Assistant Director
Ms. Marietta S. Adriano, Director
11.00 Asian Development Bank, Adrian Ruthenberg

Donnerstag 11.8.

- 6.00 Fahrt zum UPRIIS/NIA (Upper Pampangan River Integrative Irrigation System)
9.30 Manuel Collado - Department Manager
Lerma Eugenio - Project officer
Reynaldo Puno - Project officer
Augustin Ferrer - Project officer
Antonio Nangel, Chief of District I.
14.00 Central Luzon State University (CLSU)
Prof. Dr. Rodolfo Undan - Vice President
Dr. Honoratio Angeles, Dean - College of Engineering

Freitag 12.8.

- 9.00 Meeting at NIA with former participants
21.15 W. Huppert: Rückflug nach Deutschland

Samstag 13.8.

- 6.55 W. Huppert: Ankunft Frankfurt
10.00 G. Bokeloh: Friedrich Ebert Stiftung Manila office, Dr. Christoph Strutz
21.15 Rückflug nach Deutschland

Sonntag 14.8.

- 6.55 Ankunft Frankfurt, Fahrt nach Göttingen.
Ende der Mission

Anlage 2A

Anlage 2A:

Terms of References GA 770-201-94ex

1. Ziel des Gutachtens ist die Evaluierung der durch das Programmpaket "Management von Bewässerungssystemen-Südostasien" erzielten Wirkungen/Entwicklungen auf Planung, Durchführung, Betrieb, Instandhaltung, Steuerung und Evaluierung von Bewässerungsvorhaben sowie Aus- und Fortbildung in der Bewässerungslandwirtschaft.
2. Der Zeitrahmen für die Durchführung des Gutachtens umfaßt 46 Tage und ist wie folgt:

| | |
|-----------------|---|
| 11.4. - 12.4.94 | Konzeptionelle Abstimmung in Feldafing |
| 5.5. - 7.5.94 | Evaluierung in Feldafing im Rahmen des Nachkontaktseminars NK 770-203-94 |
| Anfang Juli 94 | (ca. 2-3 Tage) Akteneinsicht in der ZEL, Feldafing |
| 17.7. - 11.8.94 | Gutachtertätigkeit vor Ort in Sri Lanka, Thailand, Malaysia, Indonesien und den Philippinen |
| September 94 | (ca. 1-2 Tage) Abstimmung des vorläufigen Endberichtes mit der DSE/ZEL in Feldafing |
| 15.10.94 | Abgabetermin für den Endbericht |
3. Grundlage der Evaluierung ist das zwischen DSE und BMZ Evaluierungsraster für die Abschlußbewertung von Programmpaketen. Die Gutachter sind aufgefordert, sich möglichst eng an den vorgegebenen Raster zu halten. Änderungen (Erweiterungen, Kürzungen) sind zu begründen und mit der DSE/ZEL abzustimmen. Das "Evaluierungsraster für die Abschlußbewertung des Programmpakets Management von Bewässerungssystemen - Südostasien" ist integrierter Bestandteil dieser Terms of References.
4. Zur Durchführung der Evaluierung werden von der DSE/ZEL nach Abstimmung mit dem BMZ die folgenden Herren beauftragt:

Dr. Walter Huppert, Seniorfachplaner und fachlicher Leiter des GTZ-Arbeitsfeldes Bewässerungssysteme, Eschborn

Dr. Georg Bokeloh, Dozent/Moderator und Mitarbeiter der Firma Beratung und Training Consult Richtberg, Löffler und Partner GbR, Göttingen

Im Rahmen der Gesamtevaluierung des Programmpakets soll Herr Dr. Huppert insbesondere den Bereich Bewässerungsmanagement und Herr Dr. Bokeloh den Bereich Dialog und Training bearbeiten.

5. Im Verlauf der Gutachtertätigkeit vor Ort sollen unter anderen die folgenden wichtigsten internationalen und nationalen Partnerinstitutionen kontaktiert werden:

Sri Lanka: International Irrigation Management Institute (IIMI)

Thailand: Royal Irrigation Department,
Departm. of Irrigation Engineering,
Kasetsart University,
FAO-Regional Office for Asia and the Pacific,
Department of Agricultural Extension,
National Economic and Social Development Board
(NESDB)

Malaysia: Department of Irrigation and Drainage
Malaysian Agricultural Research and Dev. Inst (MARDI)

Indonesia: Directorate General of Uater Resources Dev. (DGWRD)
National Development Planning Agency (BAPPENAS)
Gadjah Mada University (GMU)
Agricultural University of Bogor (IPB)
Centre for Irrigation Studies, Andalas University

Philippines: National Irrigation Administration (NIA)
National Economic and Development Authority (NEDA)
Bureau of Soils and Water Management (BSWM)
Central Luzon State University (CLSU)

6. Der logistische Ablauf der Evaluierung vor Ort im Zeitraum 17.7. - 11.8.94 wird in dem Seminar NK 770-203-94 Anfang Mai in Feldafing, an dem bedeutende Repräsentanten der oben genannten Institutionen teilnehmen, zwischen den Gutachtern, der DSE/ZEL und diesen Repräsentanten abgestimmt und im weiteren von der DSE/ZEL veranlaßt.

7. Der Endbericht des Evaluierungsgutachtens soll in einem Exemplar in deutscher Sprache mit englischer Zusammenfassung entsprechend Punkt 2 des Evaluierungsrasters bis 15.10.1994 der DSE/ZEL vorgelegt werden. Die englische Zusammenfassung wird von der DSE/ZEL sprachlich überarbeitet. Die Vervielfältigung des Endberichtes wird von der DSE/ZEL veranlaßt.

Anlage 2B

EVALUIERUNGSRASTER FÜR DIE ABSCHLUßBEWERTUNG DES PROGRAMMPAKETS
MANAGEMENT VON BEWÄSSERUNGSSYSTEMEN - SÜDOSTASIEN

1. Vorbemerkungen
 - Anlaß und Ziel der Untersuchung
 - Zeitraum und Methodik der Untersuchung
 - Zusammensetzung der Gutachter
 - Beteiligung der deutschen und internationalen Partner an der Evaluierung
 - Beteiligung der Partnerinstitutionen in Südostasien an der Evaluierung
 - Besonder Vorkommnisse während der Untersuchung
2. Zusammenfassung der wesentlichen Feststellungen und Empfehlungen
 - Bewertung der Zielerreichung
 - internationale Partner
 - deutsche Partner
 - Südostasien
 - DSE
 - Zielsetzung
 - Zielgruppen
 - Zeitdauer
 - Dialogmaßnahmen
 - Trainingsmaßnahmen
3. Kurzbeschreibung des Programmpakets
 - 3.1 Entstehung und Bedarfssituation
 - 3.2 Laufzeit
 - 3.3 Partnerinstitutionen
 - internationale
 - deutsche
 - südostasiatische
 - 3.4 Durchgeführte Maßnahmen einschl. der von DSE und den Partnern aufgewandten materiellen und immateriellen Leistungen
4. Analyse und Bewertung der Ziele und fachlichen Inhalte
 - 4.1 Zielgruppen und Bedarfssituation
 - 4.2 Ziele der Partnerinstitutionen
 - international
 - deutsche
 - südostasiatische
 - 4.3 Ziele des Programmpakets
 - Oberziele
 - Unterziele
 - 4.4 Überprüfung
 - entsprachen die im P6 und die unter 4.2 und 4.3 angeführten Ziele der Bedarfssituation?
 - wurden die Ziele realistisch formuliert (Rahmenbedingungen - Zeitablauf)?
 - waren die Ziele quantifizierbar (wurden Meßgrößen festgelegt)?
 - wurden von Partnerorganisationen und DSE gemeinsame Zielvorstellungen verfolgt?
 - wurden die Ziele in Maßnahmenfolgen umgesetzt?
 - waren die fachlichen Inhalte tauglich zur Zielerreichung?
5. Analyse und Bewertung von Planung und Durchführung (bzgl. Effektivität und Relevanz der Zielerreichung)
 - 5.1 Konzeption des Pakets

- 5.2 Programmpartner
 - internationale und deutsche
 - in Südostasien
- 5.3 Zielgruppen
- 5.4 Maßnahmen/Instrumente
 - Dialog
 - Training
 - Lehrmaterialien
- 5.4.1 Zeitrahmen
- 5.4.2 Finanzmittel/nicht monetäre Leistungen
- 5.4.3 Flankierende Maßnahmen
 - bereits durchgeführte
 - noch weiterhin erforderliche
- 5.5 relevante Umfeldbedingungen
- 5.6 Aussagen zur Zielerreichung

- 6. Analyse und Bewertung der Paketsteuerung (bzgl. Effektivität und Relevanz der Zielerreichung)
- 6.1 Ebenen
 - Partnerinstitutionen
 - DSE
 - externe Referenten
 - Teilnehmer
 - BMZ
 - Außenorganisationen anderer Träger
- 6.2 Instrumente
 - Berichtswesen
 - Nachkontakte
 - Planungs- und Evaluierungsveranstaltungen
 - Referentenentsendungen und Besuche
 - andere Instrumente der Partner

- 7. Entwicklungspolitische Wirksamkeit
 - Vorbemerkungen
- 7.1 Institution Building
- 7.2 Effizienz (Kosten-Nutzen-Verhältnis)
- 7.3 Signifikanz (wirtschaftliche, soziale, kulturelle, ökologische Wirkungen)
- 7.4 Nachhaltigkeit

- 8. Empfehlungen/Schlußfolgerungen
- 8.1 In bezug auf ähnliche Programmpakete (bzw. modifiziert für Länder mit ähnlicher Problematik)
- 8.2 In bezug auf die verwendeten Instrumente
- 8.3 In bezug auf die Partner
 - internationale, deutsche
 - Partnerländer
- 8.4 Für Nachbetreuung/Nachkontakt
- 8.5 In bezug auf Kooperation mit anderen Partnern/Trägern

- Anlage: - Reise- und Arbeitsverlauf
 - Name, Titel und Anschriften der kontaktierten Personen
 - Liste der erstellten Lehrmaterialien und Berichte

Anlage 3

Anlage 3

Erläuterung des Konzepts zur Evaluierung der Trainings- und Dialogmaßnahme.

1. Konzeptionelle Grundlage

Der hier vorgelegten Evaluierung eines Trainings- und Dialogprogramms der DSE liegt ein Konzept zugrunde, das davon ausgeht, daß es sich bei den durchgeführten Maßnahmen im wesentlichen um **interaktionsintensive Dienstleistungen** handelt. Der gedankliche Rahmen für die Evaluierung ist deshalb so angelegt, daß er sich an den Besonderheiten und den wesentlichen Komponenten solcher Dienstleistungen orientiert. (vgl. auch Abb. A).

Wichtig für die Betrachtung interaktionsintensiver Dienstleistungen sind die folgenden Aspekte¹:

- Interaktionsintensive Dienstleistungen können nicht - wie Sachgüter - vom "Produzenten" allein hergestellt werden. Ihre Erstellung ist vielmehr nur unter intensiver Mitwirkung des Leistungsadressaten möglich. Die Leistung selbst entsteht erst in der Interaktion zwischen Leistungsanbieter und dem Klienten.
- Dies bedeutet, daß die Betrachtung und Bewertung des Leistungserstellungsprozesses sich nicht allein auf die Gegebenheiten auf der "Produzenten"- bzw- Anbieterseite konzentrieren kann, wie dies bei der Sachgüterproduktion weitgehend der Fall ist. Wesentliche Betrachtungsbereiche sind hier auch die Kapazitäten und Inputs der Klientenseite ("Teilnehmer-Potentialsystem") sowie Gestaltung und Ablauf der Interaktion ("Interaktionssystem").
- Die Ziele und Ergebnisvorgaben ("Unterziele") von interaktionsintensiven Dienstleistungen werden vielfach erst im Verlaufe der Leistungsinteraktion entwickelt. Die Qualität solcher Leistungen kann deshalb nicht stringent an der Erreichung ex ante gesetzter Ziele gemessen werden.

Auf diesem Hintergrund ergibt sich der folgende gedankliche Rahmen für die Evaluierung, der in Abb. A dargestellt ist:

Ausgangspunkt für die Evaluierung sind die Ziele, wie sie in Abstimmung zwischen dem Anbieter und den Partnerinstitutionen unter Bezugnahme auf die Bedarfssituation auf der Zielgruppenseite formuliert worden sind. Hierbei ist, wie oben erwähnt, zu berücksichtigen, daß die Ergebnis- bzw. Unterzielebene zu einem wesentlichen Teil erst im Laufe der Interaktion präzisiert wird.

Die Evaluierung nimmt dann Bezug auf zwei verschiedene Wirkungsebenen der Trainings- und Dialogmaßnahme²:

Die Wirkungs- und Evaluierungsebene 1 bezieht sich darauf, in welcher Weise diese Maßnahmen geplant und angeboten worden sind ("Anbieterpotentialsystem"), wie die Durchführung erfolgt ist ("Interaktionssystem"), ob die Teilnehmer zu einer Mitwirkung an der Leistungserstellung bereit und in der Lage waren ("Teilnehmerpotentialsystem") und

¹ Vgl. hierzu HUPPERT (1994) "Dienstleistungen in der Entwicklungszusammenarbeit - eine Begriffsbestimmung", Diskussionspapier im Rahmen des F+E-Projektes "interact" der GTZ.

² Unterstreichungen beziehen sich auf wichtige Komponenten des Rahmenkonzepts, die in Abb. A dargestellt sind.

insbesondere darauf, inwieweit die Teilnehmer selbst von diesen Maßnahmen profitiert haben ("Teilnehmerbezogene Wirkung").

Die Wirkungs- und Evaluierungsebene 2 steht im Zusammenhang damit, ob sich über die genannte personenbezogene Wirkung hinaus im Arbeitsumfeld der Teilnehmer ein Multiplikationseffekt ergeben hat. Die Voraussetzung für die Erzielung eines solchen Effektes ist die, daß der oder die Teilnehmer selbst in eine Interaktion mit bestimmten "Zielgruppen" zur Weitervermittlung fachlicher Inhalte eintritt. Dies bedeutet, daß sich die Evaluierung auch auf dieser Ebene auf die Grundkomponenten einer interaktionsintensiven Dienstleistung beziehen muß:

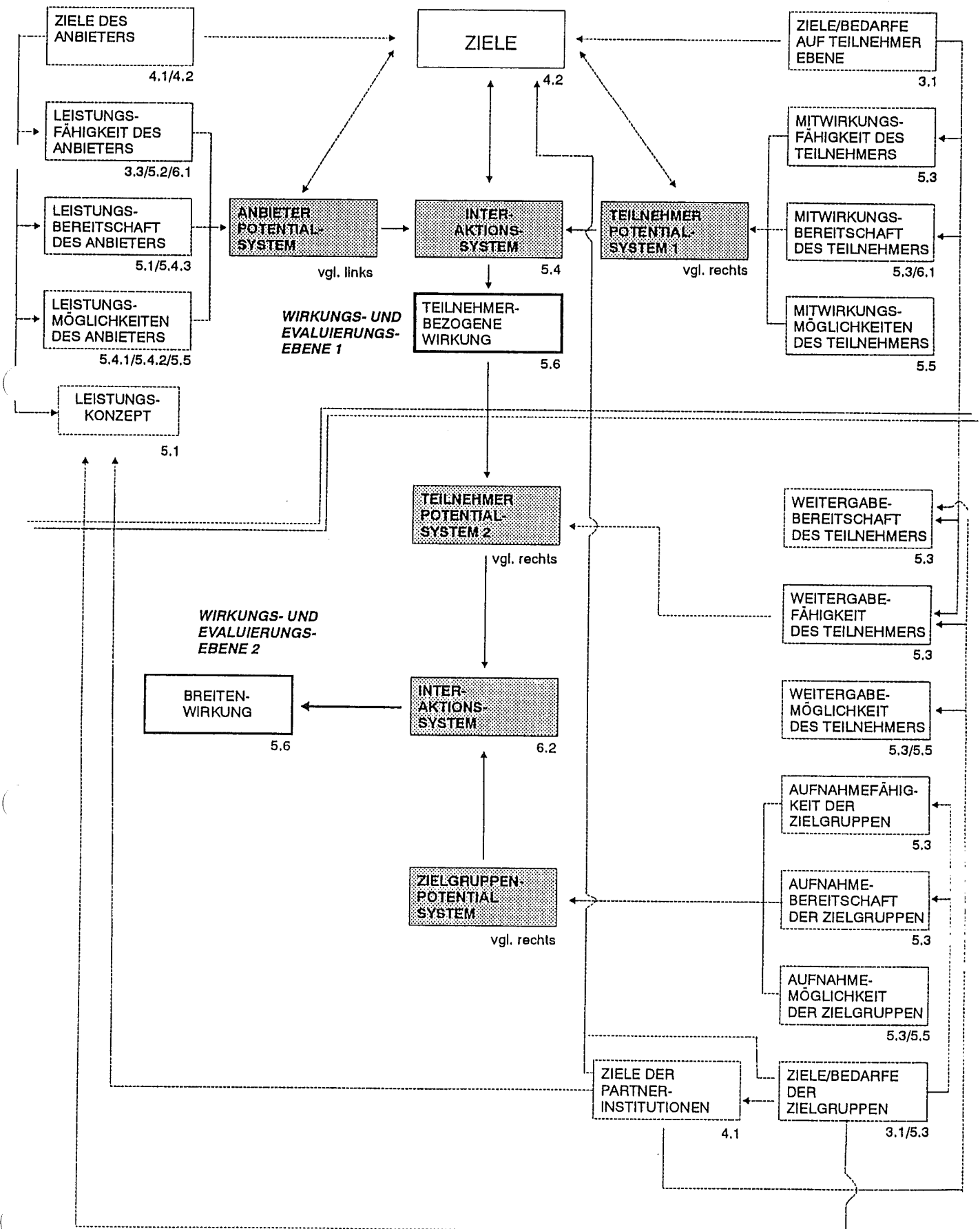
Hier ist zu hinterfragen, ob die Teilnehmer ex post bereit und in der Lage waren, diese Weitervermittlungsfunktion zu übernehmen (Teilnehmerpotentialsystem 2), ob die jeweiligen Zielgruppen bereit und in der Lage waren, sich auf eine diesbezügliche Interaktion einzulassen (Zielgruppenpotentialsystem), wie die Vermittlungsaktion durchgeführt worden ist und daran anschließend, wie die sich daraus ergebenden Multiplikationseffekte zu bewerten sind (Breitenwirkung).

Abb. A zeigt die Verknüpfung dieser beiden Ebenen auf und gibt die wichtigsten Aspekte an, die dabei einer näheren Betrachtung bedürfen.

Die Verfasser des hier vorliegenden Evaluierungsberichts sahen sich bei der Umsetzung des zuvor beschriebenen Rahmenkonzepts der Schwierigkeit gegenüber, daß für den Bericht selbst eine inhaltliche Gliederung von der DSE fest vorgegeben worden ist, die dem geschilderten gedanklichen Schema nicht konsequent folgt. Es ist trotzdem, so weit wie möglich, versucht worden, das dargestellte Konzept in die vorgegebene Gliederung "einzupassen". Dies ist zwar, so meinen wir, im wesentlichen gelungen, erlaubt es aber nicht, den Aufbau des Konzepts klar aus der Gliederung abzulesen. Um die einzelnen Aspekte des Konzepts dennoch den verschiedenen Gliederungspunkten zuordnen zu können, sind in Abb. A bei den verschiedenen Einzelaspekten des Konzepts die Nummern desjenigen Gliederungspunktes vermerkt, unter dem sie im Text behandelt werden.

Ein Gliederungsvorschlag für Evaluierungsgutachten über Trainings- und Dialogmaßnahmen der dem hier vertretenen Rahmenkonzept entspricht ist der Anlage beigefügt.

Abbildung A: Rahmenkonzept zur Evaluierung von Trainings- und Dialogmaßnahmen



Gliederungsvorschlag für Evaluierungsgutachten über Trainings- und Dialogmaßnahmen der DSE

- In Anlehnung an das Rahmenkonzept von Huppert und Bokeloh (1994) -
(vgl. Anlage . . .)

(Anmerkung: Die kursiv gedruckten Angaben sind nicht Bestandteil der Gliederung, sondern dienen als Hinweise auf die entsprechenden Komponenten des in der Abbildung A dargestellten "Rahmenkonzepts")

1. **Vorbemerkungen**
2. **Zusammenfassung der wesentlichen Feststellungen und Empfehlungen**
3. **Beschreibung des Programmpakets**
 - 3.1 Entstehung
 - 3.2 Laufzeit
 - 3.3 Partnerinstitutionen
 - 3.4 Durchgeführte Maßnahmen einschließlich der von der DSE und den Partnern aufgewandten materiellen und immateriellen Leistungen
4. **Analyse und Bewertung von Bedarfssituation und Zielen**
(Schema: "Ziele")
 - 4.1 Bedarfssituation und Zielgruppen
(Schema: "Ziele/Bedarfe der Zielgruppen")
 - 4.2 Ziele der Partnerinstitutionen
(Schema: "Ziele der Partnerinstitutionen"; "Ziele/Bedarfe auf Teilnehmerebene")
 - 4.3 Abstimmungsprozeß und Ziele des Programmpakets
(Schema: "Ziele des Anbieters" + Abstimmungspfeile + "Ziele")
 - 4.4 Ziellanpassungen im Verlaufe der Durchführung
(Schema: Abstimmungspfeile zwischen Interaktionssystem und Zielen)
 - 4.5 Überprüfung

"Ziele"

- 5. **Analyse und Bewertung der Leistungsbereitstellung**
(Schema: "Anbieterpotentialsystem")
 - 5.1 Programmpartner
(Schema: "Leistungsfähigkeit/Leistungsbereitschaft des Anbieters")
 - 5.2 Konzeption des Pakets und der fachlichen Inhalte
(Schema: "Leistungsfähigkeit des Anbieters" + "Leistungskonzept")
 - 5.3 Maßnahmen/Instrumente des Programmpakets
(Schema: "Leistungsfähigkeit des Anbieters" + "Leistungskonzept")
 - 5.3.1 Art der Maßnahmen und Instrumente
 - 5.3.2 Flankierende Maßnahmen
 - 5.3.3 Finanzmittel/nicht monetäre Leistungen
 - 5.3.4 Zeitrahmen
 - 5.4 Relevante Umfeldbedingungen für die Leistungsbereitstellung
(Schema: "Leistungsmöglichkeiten des Anbieters")

- 6. **Analyse und Bewertung des Mitwirkungspotentials**
(Schema: "Teilnehmerpotentialsystem")
 - 6.1 Auswahl und Fähigkeiten der Teilnehmer
(Schema: "Mitwirkungsfähigkeit der Teilnehmer")
 - 6.2 Mitwirkungsbereitschaft der Teilnehmer
(Schema: "Mitwirkungsbereitschaft der Teilnehmer")
 - 6.3 Für die Teilnehmer relevante Umfeldbedingungen
 - 6.3.1 Im Rahmen der Maßnahmen
(Schema: "Mitwirkungsmöglichkeiten der Teilnehmer")
 - 6.3.2 In den Entsenderorganisationen
(Schema: "Mitwirkungsmöglichkeit der Teilnehmer")

- 7. **Analyse und Bewertung der Durchführung**
(Schema: "Interaktionssystem 1")
 - 7.1 Gestaltung der Maßnahmen und der Interaktion mit den Teilnehmern
(Schema: "Interaktionssystem")
 - 7.2 Paketsteuerung
(Schema: "Leistungsfähigkeit/-bereitschaft des Anbieters; "Interaktion")
 - 7.2.1 Ebene der Paketsteuerung
 - 7.2.2 Instrumente der Paketsteuerung

8. Aussagen zur Zielerreichung auf der Ebene der Teilnehmer
(Schema: "Teilnehmerbezogene Wirkung")

9. Analyse und Bewertung der Breitenwirkung
(Schema: "Breitenwirkung")

- 9.1 Weitergabepotentiale der Teilnehmer
(Schema: "Weitergabefähigkeiten, -bereitschaft und -möglichkeiten der Teilnehmer")
- 9.2 Zielgruppen und deren Aufnahmepotentiale
(Schema: "Aufnahmefähigkeiten, -bereitschaft und -möglichkeiten der Zielgruppen")
- 9.3 Folgemaßnahmen in den Entsendeorganisationen
(Schema: "Interaktionssystem 2")
- 9.4 Aussagen zur Zielerreichung im Sinne von Breitenwirkung
(Schema: "Breitenwirkung")

10. Entwicklungspolitische Wirksamkeit

- 10.1 "Institution Building"
- 10.2 Effizienz des Programmpakets
- 10.3 Signifikanz
- 10.4 Nachhaltigkeit

11. Empfehlungen/Schlußfolgerungen

- 11.1 In bezug auf ähnliche Programmpakete
- 11.2 In bezug auf die verwendeten Instrumente
- 11.3 In bezug auf die Partner
- 11.4 Für Nachbetreuung/Nachkontakt
- 11.5 In bezug auf Kooperation mit anderen Partner/Trägern

Anlage 4

Anlage 4:

Liste aller Teilnehmer die am Programmpaket teilnahmen*

THAILAND

(Anzahl: 123)

Kasetsart University (KU), Faculty of Engineering, Bangkok:

Dr. Jesda Kaewkulaya, Assoc. Prof., Dept. of Irrigation Engin. (91, 92)

Dr. Col. Pirote Kriengsiri, Assoc. Prof., Dept. of Water Resources Engin. (94)

KU, Faculty of Agriculture, Bangkok:

Sudsaisin Kaewrueng, Instructor, Dept. of Farm Mechanics (91)

KU, Faculty of Social Sciences, Bangkok:

Mrs. Dr. Kanda Paranakian, Assoc. Prof., Dept. of Sociology (91)

KU, Dept. of Irrigation Engineering, Kamphaeng Saen Campus:

Dr. Varawoot Vudhivanich, Assoc. Prof. (91, 92, 93, 94)

Dr. Pongsatorn Sopaphun, Assist. Prof. (90, 92, 94)

Sittiporn Ngenprasertsri, Lecturer (89, 93)

Santi Tongpumnuk, Assoc. Prof. (89, 91, 93)

Adul Wanchana, Assist. Prof. (90)

Ministry of Agriculture and Cooperatives

Kangsadarn Devahastin, Assistant Permanent Secretary (92)

Poonsin Lekmanee, Director of Central Land Consolidation Office (93)

Paitoon Palayasoot, Inspector General (retired) (91)

Chirtchart Smitobol, Soil & Water Management Research Specialist,
Farming Systems Research Institute, Department of Agriculture (87)

Ms. Benjawan Saadpak, Foreign Relations Officer, Cooperatives Promotion Department (93)

Department of Agricultural Extension

Apichai Chingprapa, Chief, Agric. System Development Sub-Division (92)

Jirasak Saiwarin, SMS, Agri-Business Promotion Division (91, 93)

Ms. Jiranuth Charnnarongkul, SMS, Agri-Business Promotion Division (91)

Surichart Somwatanasak, SMS, Agri-Business Promotion Division (93)

Thamrong Intajak, Director, North-East Regional Agric. Extension Office (93)

Department of Land Development

Sompong Theerawong, Deputy Director General (93)

Ms. Supha Randhawa, Agriculturist, Soil and Water Conservation Division (93)

Upatham Potisuwan, Director, Soil and Water Conservation Division (91)

Sompong Pooapisit, Civil Engineer, Civil Engineering Division (91)

Surin Boonchoo, Reg. Off. VI, Chiang Mai (91)

Rangsarit Sampaopol, Agronomist, Regional Office II, Surat Thani (92)

Maitri Khryarat, Senior Soil Officer, Regional Office II, Surat Thani (92)

Choompol Woothikarn, Chief of Planning Sub-Section, Regional Office IV, Chiang Mai (89)

Winai Aksornpan, Civil Engineer, Soil and Water Conservation Division (89)

* Teilnehmer, die im Laufe der Evaluierung kontaktiert wurden sind **fett** hervorgehoben.
Die Ziffern in Klammern stellen das Jahr der Teilnahme an einer Maßnahme dar

Office of Agricultural Economics

Chamnong Vathana, Director, Division of Economic Program and Project Evaluation (92)

Boontam Prommani, Agricultural Economic Research Specialist (93)

Supat Viratphong, Senior Economist (93)

Irrigation College

Lersak Rewtrakulpaiboon, Director (93, 94)

Yutthana Talaluxmana, Lecturer (92, 94)

Chaiya Phongphosop, Lecturer (93)

Royal Irrigation Department

Arom Khumkomgool, Deputy Director General (90)

Kitcha Polparisi, Deputy Director General (93)

Vira Vongsangnak, Director, Irrigation Engineering Center (93, 94)

Sombat Chuenhooklin, Chief Water Mgtm., R.I.Off. III, Phitsanulok (90)

Poolsawat Duanduan, Irrigation Engineer, HQ (91)

Dhongchart Chullasuk, Chief of M&E Branch, Project Planning Division (87)

Anudtara Jumlongkul, Irrigation Engineer, On-Farm Water Mgtm. Branch, (91)

Boonyong Piyasirinon, Chief, On-Farm Water Mgtm. Branch, (89, 91, 93)

Thavesin Loomcharoen, Economist, Project Evaluation Branch, Project Planning Division (92)

Somsak Vivithkevoonvong, Irrigation Engineer, Foreign Financed O&M Project Branch,
O&M Division (92)

Hoppadon Phaka, Irrigation Engineer, Foreign Financed O&M Project Branch (92)

Channarong Supaoprom, Training Officer, O&M Branch, Training Division (92)

Lek Prapasajchavet, Irrigation Engineer, Water Control and Coordin. Branch (92)

Panich Srisongmuang, Irrigation Engineer, O&M Division (93)

Somboon Chantanusart, Design Engineer, Design Division (93)

Chunrat Wiwattanapan, Irrigation Engineer, Improvement & Maintenance Branch,
O&M Division (93)

Prawat Mongkolnaowarat, Budget Analyst, Programme and Budgeting Division (93)

Apichai Wathanayomnaporn, Agronomist, O&M Division (89)

Samart Chokkanapitark, Chief Engin. Branch, R.I.Off. IX, Nakhonsrithammarat (90)

Kiattisak Tantasantisakul, Chief Engineer, R.I.Off. IX (91)

Vanchart Cumperayot, Irrigation Engineer, R.I.Off. Tak (91)

Theerawat Tangpanich, Irrigation Engineer, R.I.Off. Ayutthaya (91)

Sathorn Ruengjiraurai, Chief Engin. Branch, Lampao Irrigation Project (91)

Thersak Summarnnush, Chief O&M, Chiang Mai Regional Office (91)

Vitton Thititanap, Irrigation Engineer, O&M Branch, R.I.Off. II, (92)

Thawat Thuntitheerawat, Project Engineer, Song Phi Nong Irrigation Project (92)

Sarayuth Ratananakorn, Chief O&M Branch, Maharaj O&M Project (92)

Metha Hovarongkura, Senior Irrigation Engineer, R.I.Off. V (87, 92)

Kittichai Krataithong, Irrigation Engineer, R.I.Off. V (93)

Richai Sa-nguanpaiboon, Chief Engineer, Lam Pao O&M Project (93)

Chairat Chumsri, O&M Chief Engineer, R.I.Off. I (93)

Vinai Patipavanich, Provincial Irrigation Engineer, Mahasarakam Irrigation Project (87)

Office of the National Water Resources Committee

Anek Chandarawongse, Director (93)

Budget Bureau

Poonsup Piyaanant, Assistant Director (90)

Sawatdiparp Kantatham, Assistant Director (93)

Vira Manatrakul, Budget Analyst (93)

Siranon Sakolwithayanon, Budget Analyst (93, 94)

National Economic & Social Development Board (NESDB)

Tophon Vachanavasti, Senior Expert Planning (90, 92)

Santi Bangor, Director, Economic Projects Division (93, 94)

Surachart Srimuangtai, Policy and Planning Specialist, Economic Projects Div. (93)

Banjong Wacharanapapan, Policy and Planning Analyst, Economic Projects Div. (93)

Office of Accelerated Rural Development (ARD)

Nakorn Wongphayak, Chief Engineer of Water Resources Maintenance (92)

Banchongsak Panthong, Chief of Surface Water Resources Sub-Division (92)

Surachai Sasisuwan, Director of Water Resources Development Division (93)

Sanya Mantangkul, Chief Design Section, Phun-Phin Centre, Surat Thani (92)

Pinyo Thonusit, Chief of Maintenance Work, Suphanburi (92)

NEWMASIP Irrigation Project

Vira Vongsaengnak, former Project Manager (89, 93, 94)

Boonchob Homkasorn, Irrigation Engineer (91, 93)

Charoon Pojsoontorn, Irrigation Engineer, Man-Oon O&M Irr. Project (91)

Staporn Singthawat, Irrigation Engineer, Nampong-Nongwai Irrig. Project (91)

Atthapong Chantanumate, Irrigation Engineer (92)

Paisal Chuang-cham, Training Specialist (93)

Khon Kaen University, Faculty of Engineering

Vichai Sriboonlue, Assist. Prof., Dept. of Agric. Engineering (91, 92)

Ms. Sunantha Kingpaiboon, Instructor, Dept. of Agric. Engineering (92)

Viroth Masanate, Assist. Prof., Dept. of Agric. Engineering (93)

Maitree Juangpanich, Department of Agricultural Engineering (94)

Thawat Singhpoo, Assoc. Prof., Faculty of Engineering (89)

Mae-Jo Institute of Agricultural Technology

Kittipong Vuthijumnok, Assoc. Prof. (91, 93)

Tavorn Suttipunta, Assoc. Prof., Faculty of Engineering and Agro-Industry (94)

Thienchai Sundusadee, Assist. Prof., Faculty of Engineering (92)

Supote Eangkoonchorn, Instructor, Dept. of Farm Mechanics (92)

Chulalongkorn University, Dept. of Water Resources Engineering

Dr. Suravuth Pratishtananda, Assoc. Prof. (91)

Chayuth Suk Sri, Assoc. Prof. (94)

Thammasat University

Jitti Mongkolnchaiarunya, Dept. of Community Development (87, 92, 93)

Dr. Amnat Wongbandit, Head, International Law Department, Fac. of Law (93)

Chiang Mai University

Dittagorn Pantapa, Head, Highland Agric. Research Station, Fac. of Agric. (91)

Dr. Sidthinat Prabudhanatisarn, Assoc. Dean, Faculty of Social Sciences (91)

Dr. Chakrapand Wongburanavart, Dean, Faculty of Social Sciences (92)

Dr. Vanpen Surarerks, Assoc. Prof., Dept. of Geography, (87)

Agricultural Engineering Training Centre (AETC)

Dr. Wanna Chankong, Director (91)

r. Naree Suddhapreda, Instructor (91)

Ravee Araveeporn, Deputy Director (91)

Others

Dr. Apichart Anukularmphai, Managing Director, A&R Consultants,
71/5 Setsiri 2 Road, Samsen-Nai, Phya-Thai, BKK 10400 Tel. 2797576
(former Director National Water Resources Committee) (90, 92, 93, 94)

Kovit Thuamsangiem, Senior Irrigation Engineer, A&R Consultants (87)

Somchet Swangnetr, Director, Electrical Pumping Irrigation Division,
Department of Energy Affairs (93)

Komphat Pattanakul, Photo-Map Officer, Department of Energy Affairs (92)

Suebpong Boondrahm, Product Manager, Charoen Pokphand Eng. Co. Ltd. (92)

Dr. Surapol Kanchanachitra, Deputy Director General, Community Development Department (92)

Chaiwat Kayankarnnavy, Director, Macro Consultants Co. Ltd. (93)

Ms. Sunee Atcharyaporn, Engineer, Hydro-power Technical Department, Electricity Generating
Authority of Thailand (EGAT) (93)

Enoo Suesuwan, Vice-President, Office of Technical Services and Planning, Bank for Agriculture &
Agricultural Cooperatives (93)

Bunchoom Piadang, Director, Dept. of Vocational Education (91)

Dorothee Otreмба, Adviser, DED (92)

Nguyen Hong Toan, Project Officer, Mekong Secretariat, Bangkok (92)

Dr. Bryan Bruns, Sociologist, Chiang Mai University (92)

Asian Institute of Technology

Rainer Loof, Division of Water Resources Engineering (91, 93)

Dr. Wiboon Boonyatharokul, Senior Program Specialist, CEC (87, 93)

Dr. Guna Paudyal, Water Resources Division (91)

Dr. Pushpa Raj Onta, Water Resources Division (91)

FAO-Regional Office for Asia and the Pacific

Kanezo Takeuchi, Regional Water Development and Management Officer (92, 93)

Malaysia

(Anzahl: 58)

Department of Irrigation and Drainage

Dato' Shahrizaila Bin Abdullah, Director General (92)

Keizrul bin Abdullah, Director Irrigation and Drainage, Selangor (92, 93, 94)

Sardar Ali, Director of Irrigation (91, 92)

Zalihat Selamat, Engineer Planning and Evaluation Division (92)

Chan Choong Cheong, Deputy Director, Irrigation Division (92, 93)

Hj. Hosni b. Hj. Bardan, Chief Engineer, Training Branch (93)

Teh Siew Keat, Senior Drainage & Irrigation Engineer (87)

Chan Kwang Yew, Senior Design Engineer (87)

Ibrahim Zainorrahim, Senior Drainage & Irrigation Engineer, Alor Setar (90)

Khoo Chee Ngion, Senior Drainage & Irrigation Engineer, Kuala Selangor (90)

Lau Chuan Teng, Resident Engineer, Trans-Perak Project (90)

Liew Chook San, Project Engineer, Kerian/ Sg. Manik Project, Perak (93)

Richard Yong, Project Engineer, Melaka (90)

Cheam Tat Cheng, Regional Engineer (91)

Abu Bakar M. Yusof, District Engineer (91)

Wan Abdullah Bin Uan Ibrahim, District Engineer, Kota Bharu (92)

M. Ansor Bin Ahmad, Project Engineer, Kota Bharu (89, 92)
Lee Chock Seng, Project Engineer, Kemasin-Semerak Project, Kota Bharu (93)
Ngoh Tee Dong, Project Engineer, Northern Terengganu (Ketara) Project (93)
M. b. Hj. Omar, Regional Engineer, Northern Terengganu (93)

Muda Agricultural Development Authority (MADA)

Dato' Syed Azizan Al-Idrus, General Manager (92)

Neoh Chee Boo, Deputy Manager (91)

Low Kean Leng, Planning Engineer (92)

Wong Hin Soon, Senior Economist (93)

National Water Management Training Centre

Chong Chee Han, Director (91, 94)

B.H.M. Sharif Rahmat, Former Principal (87)

Ms. Masita bt. M. Yunus, Engineer-Trainer (91)

M. Azhari Ghazalli, Principal (91, 92)

Zulkifli Abdul Hamid, Engineer-Trainer (92)

Nik Ariff Sulaiman, Agronomist (87)

Malaysian Agricultural Research & Development Institute (MARDI)

Embi Yusoff, Deputy Director General (92)

M. Sharin Yob, Deputy Director, Agric. Engineering Division (87, 92, 93, 94)

Dr. Kassim Buhiran, Head, Soil & Water Engineering (92, 93)

Chan Chee Sheng, Agricultural Engineering Division (92)

M. Che Husain, Research Officer, Kota Bharu (90)

Dr. Mahmud Nor Jaafar, Research Officer, Penang (90, 91, 93)

Ayob Abd. Hamid, Research Officer, Alor Setar (89)

Ayob Katimon, Researcher, Soil & Water Engineering, Perai (90)

University Pertanian Malaysia (UPM)

Dr. Salim Said, Deputy Dean, Faculty of Engineering (91, 92)

Dr. Abdul Aziz Zakaria, Senior Lecturer, Dept. of Field Engineering (90, 91)

M. Rashidi Bakar, Lecturer, Dept. of Field Engineering (92)

Dr. Hussain M. Salleh, Assoc. Prof., Faculty of Engineering (92)

Dr. M. Amin M. Soom, Senior Lecturer, Dept. of Field Engineering (90, 92)

Dr. M. Zohadie Bardaie, Dean, Faculty of Engineering (91, 92)

Dr. Lee Teang Shui, Senior Lecturer, Faculty of Engineering (90)

Kwok Chee Yan, Assoc. Prof., Faculty of Engineering (90)

Department of Agriculture

Dato' Abu Bakar Mahmud, Director General (retired) (92)

Daud Bin Othman, PRO & Training Officer, Integrated Agriculture Development Project (PBLIS),
Kuala Selangor (93)

Chua Lee Kiang, Director Agricultural Mechanization, Serdang, Selangor (93)

H.Y. Salehuddin, Agricultural Officer, Karang (87)

Ms. Aeshah Ismail, Agricultural Engineer (90)

Others

Shaik Ahmed Soekarno, Undersecretary, Planning and Policy Division, Ministry of Agriculture (91)

Ms. Aminah M. Nawati, Principal Assistant Secretary, Planning and Policy Division,
Ministry of Agriculture (90)

Ms. Christina Tharsis, Assistant Secretary, Planning and Policy Division, Min. of Agriculture (92)

Ms. Lin Mui Kiang, Principal Assistant Director, Economic Planning Unit, Prime Minister's Department (91)

Prof. Sabah Al-Nassri, Department of Civil Engineering, University of Malaysia (91)

Abdul Razak Abdul Manap, Senior Environmental Control Officer, Departm. of Environment (92)

Lim Lee, Director, Industry Development Division, Farmers Organization Dev. Authority (93)

Indonesia

(Anzahl: 123)

Directorate General of Water Resources Development (DGWRD)

Ir. Soenarno, Director of Irrigation I (87, 91, 92, 93, 94)

Ir. Martono, Director of Irrigation II (90, 92)

Ir. Moestadjab, Assistant to the Director General (94)

M. Hardjono, Assistant Director, Water Resources Development (93)

Effendi Hansur, Assistant of Secretary of DGWRD (93)

David Jesepeh, Water Resources Policy Adviser, FAO-DGWRD (93)

Ir. Ramli Djohan, Section Head, Turnover of Irrigation Committee (93)

Suharto Budidarmo, Chief of Sub-Directorate of Project Evaluation,
Directorate of Planning and Programming (93)

Soekarso Djunaedi, Sub-Directorate of O&M, Directorate of Irrigation I (93)

Subianto, Chief of Sub Directorate O&M, Directorate of Irrigation I (93)

Andreas Tony Pakpahan, Head, O&M Technical Administration Section, D. of Irrigation I (90)

Nicolas Darismanto, Water Users Training Project, Dir. of Irrigation I (91, 93)

Bayudono, Directorate of Irrigation I (92)

Ir. Soeseno Sosrodimoeljo, Irrigation Engineer, Directorate of Irrigation I (92)

Ms. Nurijah Rochmah, Assistant Chief of Section, Directorate of Irrigation I (93)

Sudjatmiko, Chief of O&M Section, Directorate of Irrigation I (93)

Santoso Soekirno, Chief of Design and Planning Section I,

Sub-Directorate of Planning and Design, Directorate of Irrigation II (93)

Soedarmo, Chief of O&M Section, Directorate of Irrigation II (93)

Pudjaka, Assistant Director, Directorate of Irrigation II (93)

Eddy Sulaiman, Chief of O&H Section, Directorate of Swamp (92)

Zaenal Arifin, Chief of Sub-Division of Curricula & Media, Training Div. (93)

Syafrizal Noerdin, O&M Section, Region I, Directorate of Irrigation I, Bekasi-Selatan (90)

I Gusti Made Sudanya, Technical Assistant of O&M, Bali Province Project (90)

Tjokorda Raka Wedana, Head of O&M Section, Bali Irrigation Project (90)

Mr. St. Sukamto, Chief O&M Section, Directorate of Irrigation I, South Kalimantan (91)

Sefek Effendi, Chief of Staff, Riam Kanan Irrig. Project, South Kalimantan (92)

Daddi Herdiawan, M.Sc., Chief of Construction Guidance Division,

Teluk Lada Irrigation Project, Pangleglang (92)

Sarwoko, Head of Operation, Provincial Irrigation Service, Central Java, Semarang (92)

Muslimi, Provincial Irrigation Service, South Sumatra, Palembang (92)

Raymond Kemur, Project Manager, North Sulawesi Water Resources Institutional Dev. Project (93)

Ir. Bambang Soedjono, Head, Regional Office Semarang, Central Java (93)

Ir. Bayudono, Regional Project Manager, Water Users Training Proj., Lampung (93)

Soedaryonto, Chief, Provincial Water Resources Service, Yogyakarta (93)

A. Budi Susilo Sadiman, Project Manager, Yogyakarta Irrigation Project (93)

Paul Santosa, Chairman, Study Program of Land & Water Development,

Graduate Program of Irrigation Engineering, Bandung (93)

Busra Mas'ud, Researcher, Research Inst. for Water Res. Developm., Bandung (87)

Dudi Achadiat, Researcher, Research Inst. for Water Res. Developm., Bandung (92)
Ms. Marfini Barmawi, Staff, Research Inst. for Water Res. Developm., Bandung (93)

BAPPENAS

Dr. Manuwoto, Head, Bureau of Natural Resources and Environment (91, 92)
Bambang Panudju, Head of Aid and Regional Development I (93)
Bambang Adinugroho, Bureau of Water Resources and Irrigation (93)
Dr. Agus Pakpahan, Assistant to the Assistant Minister (92, 93, 94)
Abdul Malik, Head of Economic Section, BAPPEDA, Matarak-Lombok (90)

Directorate General of Public Administration and Regional Autonomy (DHA)

Drs. Birong Tambunan, Director of Regional Finance (90)
Teuku Zulfatli Ali, Junior Assistant (93)

Directorate General of Regional Development (DHA)

Afriadi Sjahbana Hasibuan, Head of Environmental Rehabilitation Section (90)
Mahadi Sinambela, Head of Subdirectorate, Regional Development (91, 92)
Yusuf Supiandi, Chief of Section for Regional Development Cooperation (91)
Eddy Anwar, Head of Section (93)
Rheidda Prahmudhy, Head of Section (93)
Irwandi Idris, Head of Conservation Section (89)
Lukman Nul Hakim, Staff, Directorate of Area Development (89)
Sonny Sumarsono, Sub-Directorate of Critical & Minus Areas (93)

Directorate General of Rural Development (DHA)

Mr. Cherudin Hartawan, IRD Trainer (91)

Directorate General of Food Crops Agriculture (DoA)

Ir. Abu Haerah, Director, Directorate of Program Development (92)
Kemas Imam Basuki, Agricultural Engineer, Directorate of Land Dev. and Rehabilitation (91)
Ir. Mudjiono, M.C.E., Directorate of Land Development and Rehabilitation (91)
Suyitno, Directorate of Land Development and Rehabilitation (91, 93)
M. Habib Tahir, Directorate of Land Development and Rehabilitation (91)
Afwan Syubie, Technical Staff, Directorate of Land Development and Rehabilitation (92)
Ms. Ermayeni Djohan, Technical Staff, Directorate of Land Development and Rehabilitation (92)

Daud Berahmana, Chief, Sub Directorate of Water Management,

Directorate of Land Development and Rehabilitation (93)
Ardi Jayawinata, Staff, Directorate of Land Development and Rehabilitation (93)
Sam Pakpahan, Head of M&E Sub-Directorate, Directorate of Program Development (93)
Sutadji, Officer, Sub-Directorate of Identification and Formulation,
Directorate of Program Development (93)
Budiman Notopatmodjo, Researcher & Deputy Director, Directorate of Planning (87)
Farhenri Gaffar, Adviser, Regional Office, West Sumatra (91)
Clementinus Winarko, SMS, Regional Office Central Java (93)

Centre for Soil and Agroclimate Research (DoA), Bogor

Abdullah Abas Idjudin, Researcher, Bogor (91)

Centre of Agro-Socioeconomic Research (DoA), Bogor

Dr. Andin H. Taryoto, Rural Sociologist (92, 93)
Mat Syukur, Researcher (93)
Rudy S. Rivai, Researcher (93)

Agricultural University of Bogor (IPB)

Dr. Mangara Tambunan, Assoc. Prof., Faculty of Agriculture (87, 91, 92, 93)

Aris Priyanto, Head, Soil & Water Engineering Division, Department of Agric. Engineering (91)

Latief Mahir Rachman, Lecturer, Department of Soil Science, Fac. of Agric. (92)

Prayoto, Lecturer, Department of Soil Science (92)

Kamir R. Brata, Lecturer, Department of Soil Science (92, 94)

Tjajadi Sugianto, Agricultural Economist, Faculty of Agriculture (93)

Prof. Dr. Oetit Koswara, Chairman, Consortium for Agric. Sciences, Dept. of Soil Sciences (93)

Gadjah Mada University

Dr. Suprodjo Pusposutardjo, Dean, Faculty of Agricultural Technology (87, 91, 92, 93, 94)

Prof. Dr. Loekman Soetrisno, Institute of Rural and Regional Studies (91, 92, 93, 94)

Ms. Tri Sydyastuti Soediyono, Lecturer, Faculty of Agricultural Technology (91)

Dr. Putu Sudira, Lecturer, Faculty of Agricultural Technology (91, 93)

Muhjidin Mawardi, Head of Soil and Water Engineering Laboratory,
Faculty of Agricultural Technology (91)

Dr. Har Harsono, Assoc. Prof., Faculty of Agricultural Technology (91)

Sukirno, Department of Agric. Engineering, Fac. of Agric. Technology (91, 93)

Dr. Sigit Supadmo Arif, Lecturer, Department of Agric. Engineering, FAT (92)

Wisnu Wardana, Lecturer, Dept. of Agric. Engineering, FAT (92, 93)

Dr. Darmadi, Lecturer, Dept. of Agric. Engineering, FAT (94)

Dr. Sahid Susanto, Lecturer, FAT (93)

Andalas University

Prof. Dr. Sjofjan Asnawi, Director, Centre for Irrig. Studies (91, 92, 93, 94)

Helmi, Lecturer and Vice Director, Centre for Irrigation Studies (91, 92)

Osmet, Centre for Irrigation Studies (91, 93)

Muhammad Ridha, Research Staff, Centre of Irrigation Studies (92)

Yonariza, Research Staff, Centre of Irrigation Studies (92)

Eri Gas Ekaputra, Lecturer, Dept. of Agric. Engineering, Faculty of Agric. (94)

Dr. Muchlis Muchtar, Dean, Faculty of Agriculture (93)

Universities

Dr. Richard Hutapea, Director, Satya Wacana Christian University, Salatiga (91)

Dr. M. Saleh S. Ali, Lecturer, Department of Socioeconomics, Faculty of Agriculture,
Hasanuddin University, Ujang Padang (91)

Dr. Muslimin Mustafa, Dean, Faculty of Agriculture, Hasanuddin University (93)

Sarnubi Abuasir, Lecturer, Faculty of Agriculture, Sriwijaya University, Palembang (91)

Ir. Sarino, Teaching Staff, Fac. of Engineering, Sriwijaya University (93)

I Gde Pitana, Lecturer, Department of Socio-Economics, Faculty of Agriculture,
Udayana University, Bali (92)

Wayan Windia, Lecturer, Fac. of Agriculture, Udayana University, Bali (92, 93)

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Anlage 5

Anlage 5:

Questionnaire

DSE-Courses, you attended (topic):

1. What is your function/main activity in your organization?

2. What are, according to your opinion, actually the three most pressing problems in the irrigation projects/sector?

a:....

b:....

c:....

3. What do you think will be the most pressing problems of irrigation in Thailand in the future?

4. What do you think were the reasons why your organization sent you to a DSE-training & dialog event? What did it expect?

5. Do you think that the expectations of your organization were fulfilled?

not really

only partially

just fulfilled

completely fulfilled

fulfilled beyond expectations

Please comment, why ...

6. What two topics dealt with in your course(s) were particularly relevant for you?

7. Do you think the course contents can be of immediate use for you in your daily work?

- no
- partially
- most of them

Did you apply some of them? If yes, which ones?

8. What was in a very short statement the major "lesson" you took home from the DSE-training & dialog course?

9. If you would attend the same course again, what would you like to see changed as far as the contents/topics of the course are concerned?

10. Do you think the instruments/training methods/communication methods used in the course were useful ?

- not at all
- partially useful
- useful
- extremely useful

11. Is there any method or training approach (from the course) you have decided to apply yourself or recommended to others?

12. Do you feel that the documents of the course you attended should be changed/improved for future courses? If yes, in what way

13. To make the course fully relevant for your daily work, are there any follow-up measures needed? If yes, specify kind of measure.

14. To ensure a good impact of a similar course in the future, should it address the same or other kind/professional level of participants? please specify.

15. Could you already do something to bring about some multiplication / further dissemination of parts of the course contents? If yes, please specify.

16. Are there any constraints (external or internal to your organization) that might hinder the application of the course contents? specify.

17. Personally, on whatever level, which was the major effect of the course participation for yourself?

General comments:

Anlage 6

Anlage 6:

Liste der im Programmpaket erstellten Berichte und Veröffentlichungen

Vorläuferprogramm:

Proceedings of the DSE workshop on Dialogue and Training in Irrigation System Management, 12. - 17. Okt. 1987, Los Banos, Philippinen, Franz G. Heim u. Wolf Scheffer-Boichorst, DOK No. 1488A/a

- Preparation of the Programme Sequence: Management of Irrigation Systems in Southeast Asia, Final Report, Feldafing Project No.: GA-77-060-90 ex, Rudolph Cleveringa, Berlin, März 1990.
- Upper Water Management, Proceedings of the DSE/YUSESE workshop, Yogyakarta, Indonesien 22. - 26. Okt. 1990, SE 77-061-90 ex.
- New Trends and Policies in Irrigation Management, Proceedings of a DSE/IIMI workshop, Colombo, Sri Lanka, 15. - 19. Nov. 1990, SE 77-062-90 ex.
- Management Orientation in Irrigation Engineering Curricula, Mission to UPM, 20. Okt. - 17. Nov. 1990, Klaus Urban, Serdang, Malaysia, RE 77-067-90 ex.
- New Trends and Policies in Irrigation Management, Proceedings of a DSE/IIMI workshop, Colombo 4. - 7. Nov. 1991, SE 77-061-91 ex.
- Management Orientation in Irrigation Engineering Curricula in Southeast Asia, Proceedings of a DSE-IIMI-AIT Workshop held at AIT, Bangkok, Thailand, 25. - 29. November 1991, SE 770 - 060 - 91 ex.
- Irrigation System Management: Curriculum Development; at the Department of Irrigation Engineering, Faculty of Engineering, Kasetsart University, Kamphaeng Saen Campus, Nakorn Pathom, Thailand; Mission Findings, RE 77-430-91, Klaus Urban, Kamphaeng Saen/Wiesbaden, Dezember 1991.
- Irrigated Agriculture in Southeast Asia beyond 2000, Proceedings of the Strategy workshop SE 77-060-92 ex, 5. - 9. Okt. 1992, Langkawi, Malaysia.
- Information Support Systems for Farmer Managed Irrigation, Selected Proceedings of the Asian Regional Workshop on the Inventory of Farmer Managed Irrigation Systems and Management of Information Systems, IIMI, Tagaytay City, Philippines, 13. - 15. Okt. 1992, SE 77-061-92 ex.

- Diagnosing Training Needs and Designing Training and Teaching Programmes for Irrigation Management, DSE - IIMI - GMU Workshop and Consultancy Mission, in Yogyakarta, Indonesien, 22. Juni - 9. Juli 1993, SE 770-062-93 ex
- Management of Rehabilitation and Modernization of Irrigation Systems, Proceedings of a Policy Workshop, Manila, Philippinen, 5. -9. Juli 1993, SE 770-060-93 ex.
- Course on Planning, Monitoring and Evaluation of Irrigation Performance, Baguio City, Philippinen, 12. - 30. Juli 1993, TK 77-291-93 ex.

Anlage 7

P R O P O S A L

Establishment of an ASEAN Water Resources Council

Background/Rationale

Starting in 1990 series of workshops, conferences and seminars have taken place under the initiative of the German Foundation for International Development, discussing water resources related issues. Participants are professionals in the field of water resources from the ASEAN region, particularly the Philippines, Indonesia, Malaysia and Thailand.

High level of awareness on the critical issues confronting the scarce water resources was generated among the participants. The present situation of rapid population growth is creating increasing degree of competition among the different sectors of water users as well as increasing rate of water quality deterioration caused by improper waste disposal. Public apathy in the conservation and quality preservation of water resources and lack of sensitivity on the part of the governments on what is happening in handling of water resources issues lead to a consensus among representatives of the concerned countries to form an institution that could take the lead role in properly addressing the issues in a more concerted manner. A gloomy scenario will surely happen if nothing positive is done to counteract the present trend as soon as possible.

Above premises considered, the establishment of an ASEAN Regional Water Resources Council is hereby proposed.

The regional dimension is justified through following:

- * sharing of knowledge
- * exchange of research results and developing a data base on regional water resources
- * exchange of policies
- * resolutions of an regional council have more weight than those of a national one toward policy and the public

- * less expenses/costs on addressing common problems; only one council/centre and not four need to be supported to address common problems
- * pooling of resources and reduction of duplication
- * to act as channel for coordinating international inputs.

Objectives

In general the Council will be tasked to take the lead role in addressing water resources related problems of development, conservation, utilization and quality preservation in the region.

Specifically the Council will be mandated to:

- a) provide collective effort in the solution of water resources problems confronting the region
- b) facilitate sharing of experiences and enhancing mutual support and cooperation among member countries
- c) formulate mechanisms/strategies towards increasing public awareness and cause changes in the attitude of concerned government agencies in the handling of the country's water resources
- d) develop tools for the maximization/optimization of utilization of water resources.

Organizational Set-up

The Council will be composed of countries within the ASEAN region willing to cooperate in addressing water resources issues in the region. The possibility of having the Council within the ASEAN structure will be looked into.

Funding

To be sustainable and effective the council must be supported financially by the member countries, but only to a certain extent in order not to be totally dependent on external support. However, to

obtain attention and support of the officials of individual countries it is very important that something tangible has been done by the Council. In this regard it is necessary that start-up funds be solicited from external agencies.

Initial plan of action

1. A pro tem secretariat will be set-up in Bangkok/Thailand to coordinate initial activities of the Council
2. In each member country a sectoral Council will also be set-up not later than August 1994
3. The pro tem secretariat composed of representatives of the member countries will meet in Bangkok early part of November 1994 to discuss the plans and programmes of the Council as well as budgetary matters.
4. The initial lead is taken by following persons in these countries:

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Feldafing May 6th 1994

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