ANNEX

| No. | Name | Institution | District/Municipality |
|-----|----------------------|---|-----------------------|
| 1 | Ir. Rachmat Lubis | Office of Fishery | Banyuasin |
| 2 | Ir. Ali Imron Bamin, | Office of Estate and Forestry | Banyuasin |
| | MSi | | |
| 3 | Robiyanto H Susanto | Steering Committee | Sriwidjaja Univ. |
| 4 | H. Fahmi Jana | Office of Water Resource | Banyuasin |
| 5 | Kuswari Marzah | Drinking Water Company | MUBA |
| 6 | Erawan Afrizal, SP | Office of Agriculture and Animal Husbandry | MUBA |
| 7 | M. Daud | Office of Tourism | MUBA |
| 8 | Armanuddin, SP | Office of Agriculture and Animal Husbandry | MUBA |
| 9 | Rismawati Gathmyr | Office of Public Works | MUBA |
| 10 | Aliyuddin Tjikmat | District Planning Office | Banyuasin |
| 11 | Desipial, S Sos | NGO for Women | Palembang |
| 12 | Mrs. Nurhayati | NGO Puskokatara | MUBA |
| 13 | Alisudin, SP | NGO Kebersamaan | Palembang |
| 14 | Rusjdi Usman | Independent Committee for Regional Autonomy | Palembang |
| 15 | Azhari Harun | Office of Transportation | MUBA |
| 16 | Sayuti | Drinking Water Company | |
| 17 | Bachrowi | Office of Water Resource | MUBA |
| 18 | Syahrin | Office of Fishery | MUBA |
| 19 | Ir. Nurfirman | Office of Marine & Fishery | OKI |
| 20 | Yusuf Senen | NGO MPM | MUBA |
| 21 | Zailani | Environmental Control Agency | Palembang |
| 22 | Suryadi Salam | Office of Settlement and Regional | Palembang |
| | | Infrastructures | _ |
| 23 | Erminton S | Office of Settlement and Regional | Palembang |
| | | Infrastructures | _ |
| 24 | Bachtiar Effendi | Office of Settlement and Regional | Palembang |
| | | Infrastructures | |
| 25 | Taufik Harun | District Planning Office | OKI |
| 26 | Yeni | NGO for Women | OKI |
| 27 | Darul Asdi | Community leader | OKI |
| 28 | Rahmadi | NGO | OKI |
| 29 | Alfan | Farmer | OKI |
| 30 | Z. Effendi | Office of Mining and Energy | MUBA |
| 31 | Syamsul Bahri | Office of Environment | MUBA |
| 32 | Abu Yasir | Fisherman | OKI |
| 33 | Surya Dewanto | Office of Water Resource | Province |
| 34 | Rusdi W | Office of Water Resource | Province |
| 35 | Anton Budiono | Office of Water Resource | Province |

| Annex F3.3.1 | List of Attendants for Pre-PCM in Lower Area |
|--------------|--|
|--------------|--|

| No. | Name | Institution | District/Municipality |
|-----|-----------------------|---|-----------------------|
| 1 | Gunaparti , AM | Office of Mining and Energy | Muaraenim |
| 2 | A. Zahedi | City Planning Office | Perabumulih |
| 3 | Irsan Matondang, SE | NGO Soragama | Perabumulih |
| 4 | Sumartha Edison, ST | Office of Environment and Mining | Perabumulih |
| 5 | A. Nadjib | Office of Animal Husbandry and Fishery | Muaraenim |
| 6 | Joni Ikob | Office of Transportation | Muaraenim |
| 7 | A. Jaya | Office of Industry, Trade and Cooperative | Muaraenim |
| 8 | Muhono | Office of Forestry | Muaraenim |
| 9 | Syarifuddin | Drinking Water Company | OKU |
| 10 | Bahawi | Drinking Water Company | OKU |
| 11 | Ibrahim Saleh | Office of Water Resource | OKU |
| 12 | Syam Hasan | Legislative member | Muaraenim |
| 13 | A. Pini | Office of Tourism | |
| 14 | Amaluddin Wazir | Office of Estate | |
| 15 | Mirza Jaya | Drinking Water Company | |
| 16 | Hermana | LSM | Muaraenim |
| 17 | Walamiah, SH | NGO for WOmen | Muaraenim |
| 18 | Ana Novianty, AMKL | NGO for WOmen | Muaraenim |
| 19 | A. Mun'im | Farmer | Muaraenim |
| 20 | Drs. H. Sulaiman | Community leader | Muaraenim |
| | Basyar | | |
| 21 | M. Ardisupratman | City Planning Office | Perabumulih |
| 22 | Mustofa | Farmer | OKU |
| 23 | Surya Dewanto | Office of Water Resource | Province |
| 24 | Anton Budiono | Office of Water Resource | Province |
| 25 | Rusdi Wali | Office of Water Resource | Province |
| 26 | Yohannes | Provincial Planning Office | Province |

Annex F3.3.2 List of Attendants for Pre-PCM in Middle Area

| No. | Name | Institution | District/Municipality |
|-----|--------------------------------|---|-----------------------|
| 1 | Ir. Binsar Manurung, MT | Office of Water Resource | Lahat |
| 2 | Ir. Wasis Budi Prasetyo, MT | Office of Water Resource | Lahat |
| 3 | Zulkarnain, SE | District Planning Office | Lahat |
| 4 | Ir. Rias NT | Office of Forestry and Estate | Lahat |
| 5 | H. Marzuki Jemair | NGO – Forum KP Masyarakat Lahat | Lahat |
| 6 | Aminullah | NGO – Farmers and fishermen group | Pagaralam |
| 7 | Nopran Edwin | NGO - Persada | Pagaralam |
| 8 | Mismito | Office of Industry and Trade | Lubuklinggau |
| 9 | Ir. Nurli Izhar, Med. Agr | Office of Agriculture | Lubuklinggau |
| 10 | Ir. Subandio Amin | Office of Agriculture | Lubuklinggau |
| 11 | Darnawati, SH | NGO - HIPMI | Lubuklinggau |
| 12 | Saparudin Yassa | NGO – Simpul Walhi | Musirawas |
| 13 | Haryanto | Drinking Water Company | Pagaralam |
| 14 | Syafei, SH | Drinking Water Company | Lahat |
| 15 | Ir. Hayatun Novrida, MP | Office of Animal Husbandry and Fishery | Musirawas |
| 16 | Helmi Usi, SH | District Planning Office | Lubuklinggau |
| 17 | Ir. Syapriadi | District Planning Office | Lubuklinggau |
| 18 | Sri Oktavianti | Women representative | Lubuklinggau |
| 19 | Syahlan Musa | Office of Transportation | Lubuklinggau |
| 20 | Zulfikhar | Provincial Forest Office | Sumsel |
| 21 | Ir. Umar Dhani | Office of Public Works | Pagaralam |
| 22 | Drs. Fauzi | Office of Touirism | Pagaralam |
| 23 | Bambang Ekalaya | NGO - LAKPP | Musirawas |
| 24 | Agus Supriyo, S Sos | Environmental Division | Musirawas |
| 25 | Zainul Karsidi | Office of Industry, Trade and Cooperative | |
| 26 | Agustianto | Legislative member | Lahat |
| 27 | Murshal Husin | Office of Tourism | Lubuklinggau |
| 28 | Gustianto, SE | Drinking Water Company | Musirawas |
| 29 | Mefta | Office of Tourism | Musirawas |
| 30 | Darwin | Office of Transportation | Musirawas |
| 31 | Ir. Yita Arga | Office of City Planning | Lubuklinggau |
| 32 | Aliaman, SPd | Public Relation Division | |
| 33 | Suherman Saleh, SP | Office of Agriculture | Pagaralam |
| 34 | Riswan Sudariswan, S Hut | Office of Forestry | Musirawas |
| 35 | Anton Budiono | Office of Water Resource | Province |
| 36 | Polly Aguscik | Farmer | Pagaralam |
| 37 | Eka | Linggau Post News Agency | Lubuklinggau |
| 38 | Hardianto | Farmer | Lubuklinggau |
| 39 | Kardiman | Farmer | Pagaralam |
| 40 | Suhartini | Women representative | Lahat |
| 41 | Rusdi Wahir | Office of Water Resource | Province |
| 42 | Surya Dewanto | Office of Water Resource | Province |
| 43 | Yohannes | Provincial Planning Office | Province |

| Annex F3.3.3 | List of Attendants for Pre-PCM in Upper Area |
|--------------|--|
|--------------|--|

| No. | Name | Institution | District/Municipality |
|-----|--------------------|--|-----------------------|
| 1 | Aliyuddin Tjikmat | District Planning Board | Banyuasin |
| 2 | Yenny Ali | | OKI |
| 3 | Hanafiah, BA | Office of Mining and Energy | Banyuasin |
| 4 | Eliana | Office of Mining and Energy | Banyuasin |
| 5 | Zuher Effendi | Office of Mining and Energy | MUBA |
| 6 | Tabrani Noer | Office of Public Work | Banyuasin |
| 7 | Syaiful | Office of Agriculture | Banyuasin |
| 8 | Soegiyono | Office of Agriculture | Banyuasin |
| 9 | Taufik Harun | Office of Public Work | OKI |
| 10 | Ir. Rachmat Lubis | Office of Fishery & Coastal Area Development | Banyuasin |
| 11 | H M Anhar Zulkifli | Drinking Water Company | MUBA |
| 12 | Suratinah | Office of Fishery | MUBA |
| 13 | Effendi W | Office of Forestry | OKI |
| 14 | Rahmadi | NGO Ingo's | OKI |
| 15 | Abuyasier | NGO Ingo's | OKI |
| 16 | Fahruddin Diah | Legislative member | OKI |
| 17 | Syafriyulis | Office of Marine & Fishery | OKI |
| 18 | M. Tohir | Community leader | OKI |
| 19 | Alfan Suri | Farmer | OKI |
| 20 | Suryadi S | Office of Settlement & Regional Infrastructure | Palembang |
| 21 | Ifna Nur | District Planning Board | OKI |
| 22 | Iskandar | Port Administration | Palembang |
| 23 | Juni Alpansuri | Rural resident | OKI |
| 24 | Syahnan | Port Administration | Palembang |
| 25 | A. Yudha, ST | | Palembang |
| 26 | Kms. Abubakar | Office of Environment | Palembang |

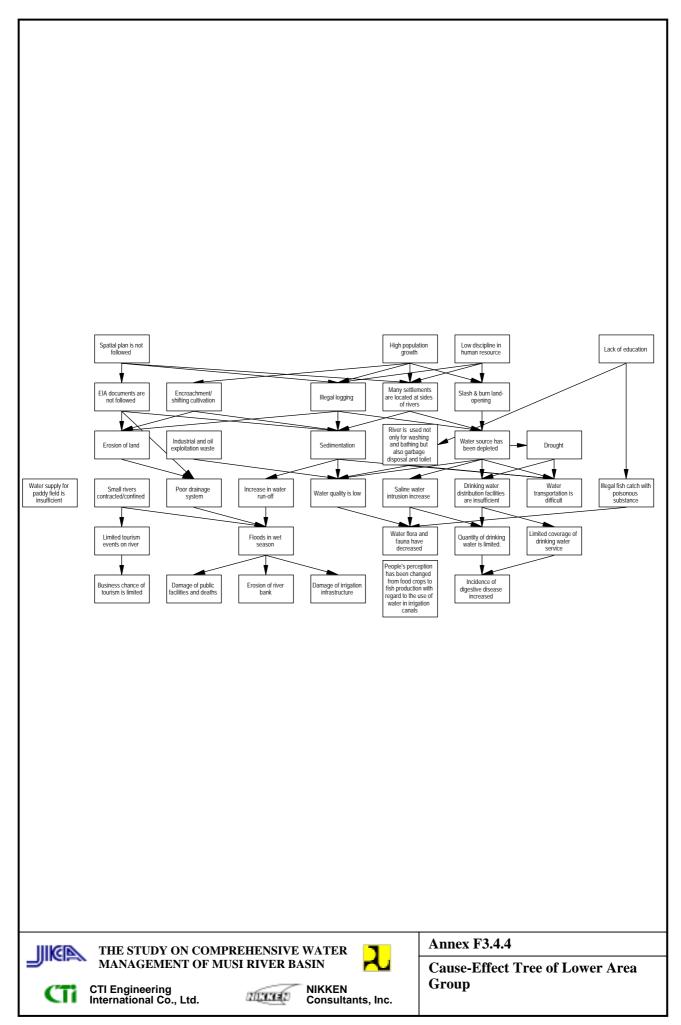
Annex F3.4.1 List of Attendants for PCM (1) in Lower Area

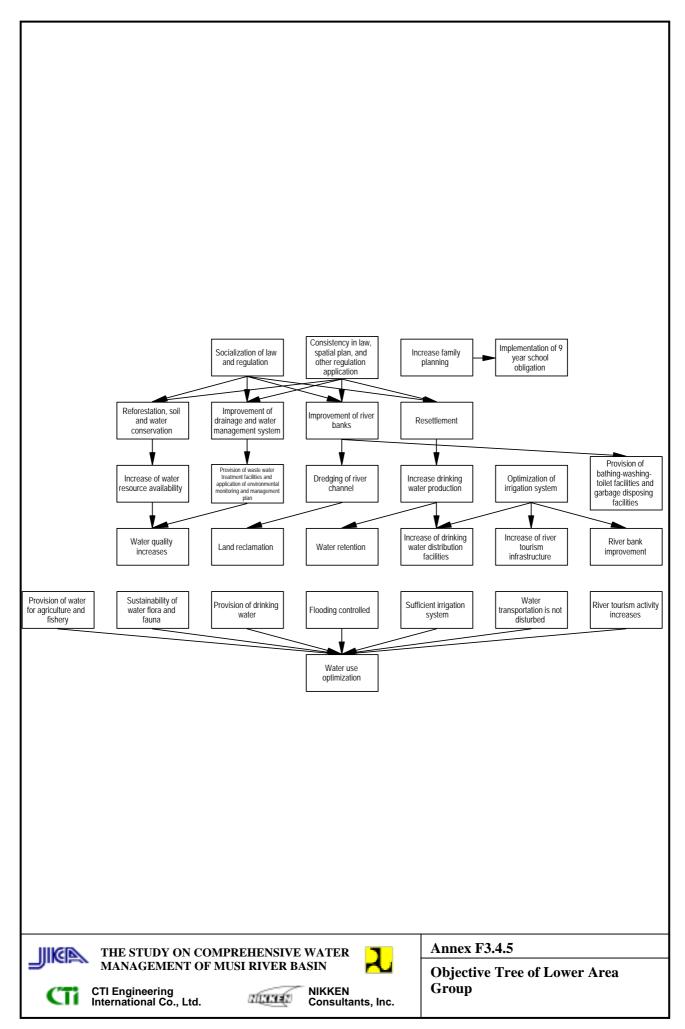
| No. | Name | Institution | District/Municipality |
|-----|---------------------|--------------------------------------|-----------------------|
| 1 | Mirza Yahya | Drinking Water Company | Muara Enim |
| 2 | Hermada R | NGO Gerakan Sriwijaya | Muara Enim |
| 3 | Walama, SH | Teacher | Muara Enim |
| 4 | Ana | NGO | Muara Enim |
| 5 | Said Ali | District Planning Board | Muara Enim |
| 6 | Maizar | Office of Fishery & Animal Husbandry | Muara Enim |
| 7 | Irsan Matondang, SE | NGO Soragama | Prabumulih |
| 8 | Yeye Dencik | Tokoh wanita | Prabumulih |
| 9 | Nusa Jaya, SP | Office of Fishery | Prabumulih |
| 10 | Zulkifli, ST | | Prabumulih |
| 11 | M. Ardi Supratman | District Planning Board | Prabumulih |
| 12 | Gunaparti , AM | Office of Mining and Energy | Muara Enim |
| 13 | Novian As | Office of Public Work | Prabumulih |
| 14 | Andi | NGO | Prabumulih |

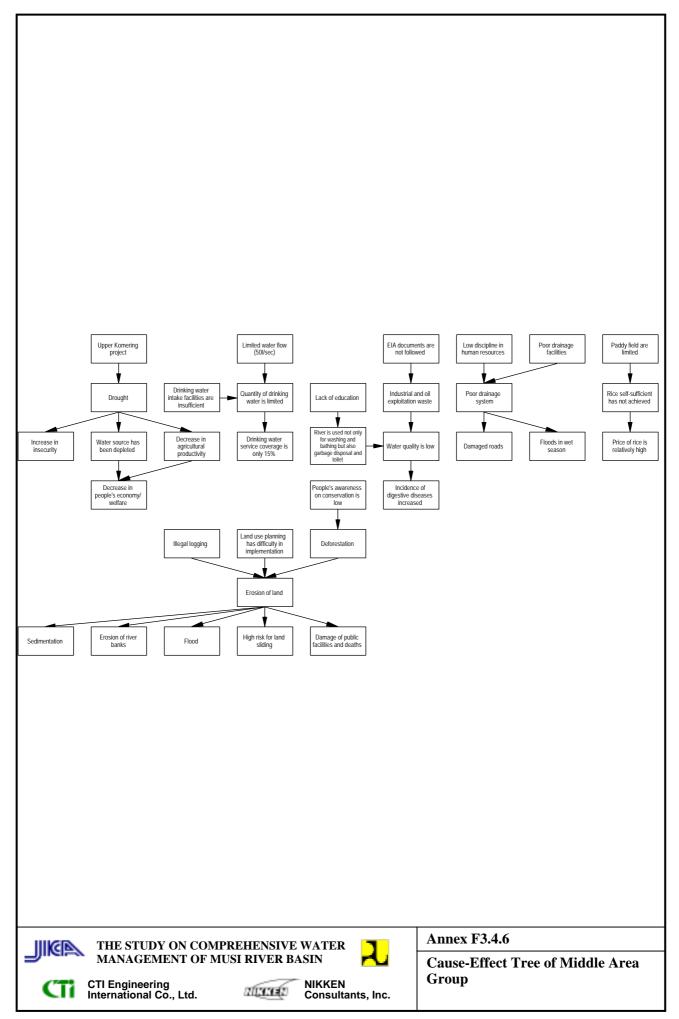
Annex F3.4.2 List of Attendants for PCM (1) in Middle Area

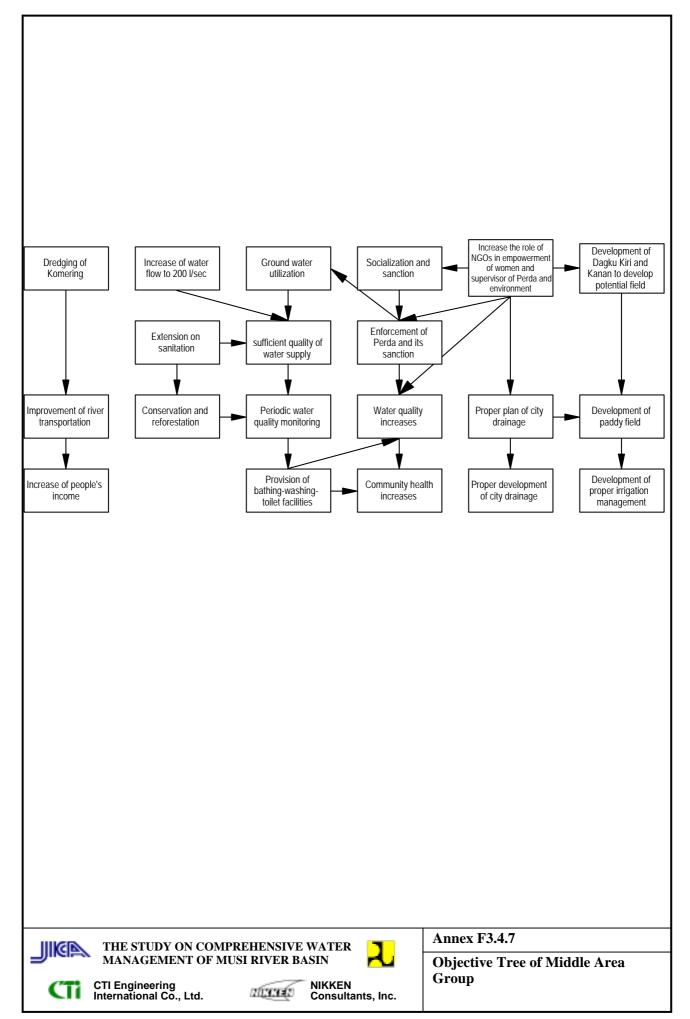
| Annex F3.4.3 | List of Attendants for PCM (1) in Upper Area |
|--------------|--|
|--------------|--|

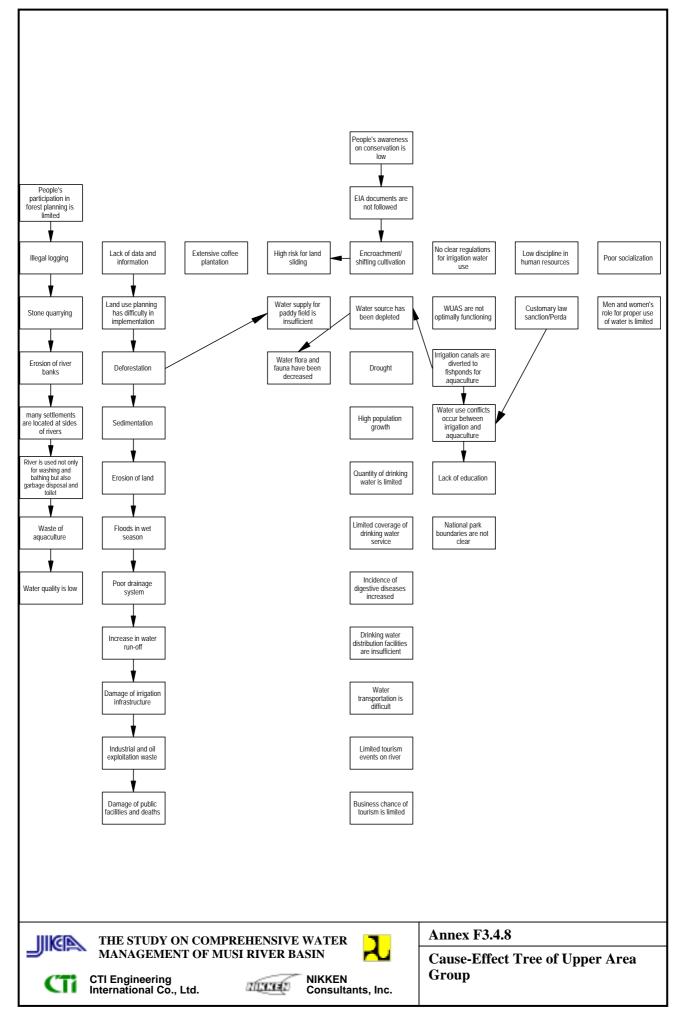
| No. | Name | Institution | District/Municipality |
|-----|---------------------|-------------------------------|-----------------------|
| 1 | H. Burhan Djamil | Drinking Water Company | Pagar Alam |
| 2 | Haryanto | | Pagar Alam |
| 3 | H. Bahani | Office of Forestry | |
| 4 | Umar Dhani | Office of Public Work | Pagar Alam |
| 5 | Winaryo | Office of Forestry and Estate | Pagar Alam |
| 6 | Khoiruddin Nasution | Office of Fishery | Muara Enim |
| 7 | H. Fadhil Taufik | Office of Water Resources | Musi Rawas |
| 8 | Suharsa | Farmer | |

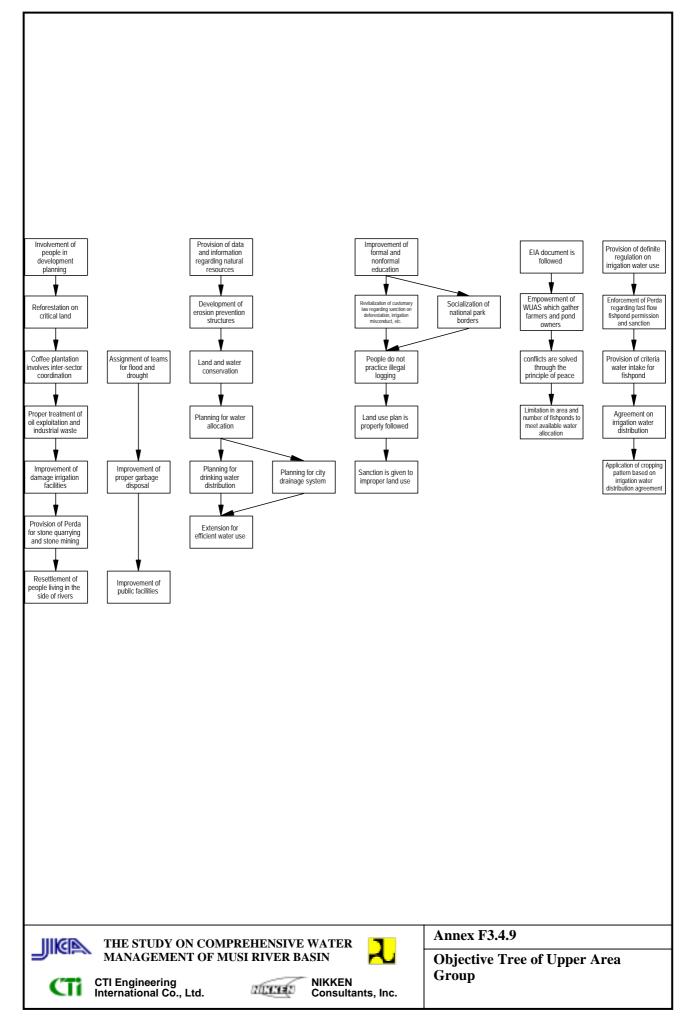












| No | Name | Institution |
|----|----------------------|-------------------------------------|
| 1 | Alvian Ando | Bappeda BA |
| 2 | Mirdayani, Amd. | Enterpreneur |
| 3 | Thamrin Amak | Public Work Office |
| 4 | H. Burlian | PDAM |
| 5 | Arlan | Public Work Office |
| 6 | Alisudin, SP. | NGO (Kebersamaan) |
| 7 | Ari Ralim | Public Work Office |
| 8 | Gunawan F. | Forestry Office of Lahat |
| 9 | Toni K. Panggarbesi | Bappeda |
| 10 | Novian Aswardani, ST | Public Work Office |
| 11 | Zunddi Amir | Local Government |
| 12 | Syawal Rizal | Bapedalda Office of Palembang |
| 13 | Tri Hadi | Public Work Office of Palembang |
| 14 | Hanafiah AB | - |
| 15 | Hs Ansyori | Local Government (OKI) |
| 16 | Darkum | Fishery Office of Mura |
| 17 | Diponegoro | Bappeda Prabumulih |
| 18 | Triseptember B | Bappeda Prabumulih |
| 19 | Hidayat | Dinas Tata Kota Lb. Linggau |
| 20 | Soekrasno | Directorate PSDA Jakarta |
| 21 | Kowaruddin | Public Work Office |
| 22 | Idris Erman Najib | Mining Office (Lahat) |
| 23 | Setiyono | Plantation Office |
| 24 | Lego Rahmad | PDAM of Prabumulih |
| 25 | Edison | NGO (FPPSS Palembang) |
| 26 | Aktorian, ST. | Local Government (OKI) |
| 27 | Wahyu H. | State Owned Enterprise (Pelindo II) |
| 28 | Insani | State Owned Enterprise (OKI) |
| 29 | Misnan Hartono, SH. | NGO (KBR Pagar Alam) |
| 30 | Rislani Gafar | Public Work of BanyuAsin |
| 31 | Rusman Syafriadi | Mining Office of banyuasin |
| 32 | Hanafiah AB | Local Government of Banyuasin |
| 33 | Djustap | Mining Office of OKU |
| 34 | Hanafi | _ |
| 35 | Syahnan | Port Office of Palembang |
| 36 | Herry | Fishery Office |
| 37 | Alibudin | Forestry Office of OKI |
| 38 | Madlan | Agriculture Office of MUBA |
| 39 | Iskandar Tarmijaya | PDAM |
| 40 | Yose Rizal | PDAM |
| 41 | Azimi Asnawi | Enterpreneur (Prabumulih) |
| 42 | M. Yani | NGO (KPP Prabumulih) |
| 43 | Nurfirman | Local Government OKI |
| 44 | Bandi Hermawan | Bengkulu University |
| 45 | Hermen Malik | Bappeda Bengkulu |
| 46 | Denny Hayatuddin | NGO (Cahaya Bintang Banyuasin) |
| 47 | Asman Asri | Tourism Office Palembang |
| 48 | Syafei, SH | PDAM of Lahat |
| 49 | Mawardi | Public Work Office |
| 50 | Muh. Subiyono | Farmer Association of Mura |

Annex F3.5.1 List of Attendants for PCM (2) (1/2)

| No | Name | Institution |
|----|---------------------|--|
| 51 | Kusnadi B. | Public Work Office of Muba |
| 52 | A. Bakri L. | Informal Leader in Muba |
| 53 | A. Wahab Omar | Public Work Office |
| 54 | K. Silalahi | Extension Worker |
| 55 | Rusdi Wahyu | Public Work Office |
| 56 | B. Manurung | Public Work Office |
| 57 | Malhasan Adebar | Bapedalda Muba |
| 58 | A. Roihan | Chief of Irrigation Division of South Sumatera |
| 59 | A. Yassir R. | Community (OKU) |
| 60 | Ilyas Panji Alam | Parliament of OKI |
| 61 | Epy Hermanto M. | PDAM |
| 62 | Nandang Ks. | Forestry Office |
| 63 | Sarlan S. | Bappeda Jambi |
| 64 | Kgs. Cekmat | Bappeda Jambi |
| 65 | Helda Merlianti, SP | Public Prosperity of Municipality Office |
| 66 | Drs. H. Barmawi | NGO (FPPSS Muara Enim) |
| 67 | Andi Murbayu | Bappeda Kab. Lahat |
| 68 | M. Henry E, SH. | NGO (Muara Enim) |
| 69 | Arwanda Arya | Foundation (PE Prabumulih) |
| 70 | R. Anil Jonson | NGO (Faksi Prabumulih) |
| 71 | Iskandar Junaidi | Farmer Leader |
| 72 | Umar Dhani | Public Work |
| 73 | Winaryo | Forestry Office of Pagar Alam |
| 74 | Drs. H. Burmawi HNS | Informal Leader |
| 75 | Suhaidah Sofey AN | Woman Organization (GOW Lahat) |
| 76 | Rita Septiana | NGO (Sugih Rahayu Palembang) |
| 77 | Tizu | Local Government of Palembang |
| 78 | Apandi | Agriculture Office of South Sumatera Province |
| 79 | Yuwono Aries | Bappeda MUBA |
| 80 | Tatsuhi Yasuhara | MLIT (JICA Jakarta) |
| 81 | Haviludin | Firm (Sinar Tani) |
| 82 | Zainal Arifin | Bappeda Muara Enim |
| 83 | Herman | Informal Leader |
| 84 | Junaidi, ST | Informal Leader |
| 85 | Hermada Rambang | NGO (GSI Muara Enim) |
| 86 | M. Kaef, Bsc | NGO (GSI Muara Enim) |
| 87 | Ambrul | NGO (GSI Muara Enim) |
| 88 | Ana Novianty | Women Empowerment (Muara Enim) |
| 89 | Walamah | Women Empowerment (Muara Enim) |
| 90 | R. Lubis | Fishery Office of Banyuasin |
| 91 | Mirza | PDAM of Muara Enim |
| 92 | Rahmadi Djakfar | NGO (BP3O) |
| 93 | Yud Vianto | NGO (OKI) |
| 94 | Manawinardi | Bappeda OKI |
| 95 | A. Lagan | Parliament of Palembang |
| 96 | Zulfikhar | Forestry Office |
| 97 | Mustofakamil | Bappeda Pagar Alam |
| 98 | Syaifulawan | Kimpraswil of Municipality |
| | | |

Annex F3.5.1 List of Attendants for PCM (2) (2/2)

Annex F3.5.2 Discussion on Priority Programs (1/11)

FA - 14

| Alternative Program | Proposed Priority Program | Alternative Program 1 | Alternative Program 2 |
|------------------------|--|--|---|
| Program Title | Sustainable water Supply Management | | |
| Program Description | Provision of additional water treatment Additional Piping Network | Increasing of row water quality, specially in Ogan Komering Ilir Regency Decreasing water leakage level | Woman Empowerment towards efficient water use Increasing the service |
| Constraints | High cost of piping system | High cost of brackish water installation construction Ground water contains sand that may damage pump | Implementation of renovation block |
| Positive Impact | Low operational cost in level B gravitation system | | |
| Negative impact | | | |
| Prerequisite | Fulfilling drinking water requirement for the community | | |
| Rank | | | |

Annex F3.5.2 Discussion on Priority Programs (2/11)

Component: Water Use

| Alternative Program | Proposed Priority Program | Alternative Program 1 | Alternative Program 2 |
|------------------------|---|-----------------------|-----------------------|
| Program Title | Irrigation Development Program | | |
| Program Description | Construction/Development Rehabilitation and upgrading Pump Installation Land clearing Land Development Rainfed paddy field, fishery | New construction | |
| Constraint | Basin Sedimentation in up, middle and downstream area | | |
| Positive Impact | Increasing the Production Optimum water utilization Water availability at the sources | | |
| Negative impact | Industrial waste water (?) | | |
| Prerequisite | Comprehensive and detailed study for regional regulation on irrigation | | |
| Rank | | | |

FA - 15

Annex F3.5.2 Discussion on Priority Programs (3/11)

FA - 16

| Alternative | Proposed Priority Program | Alternative Program 1 | Alternative Program 2 |
|--------------------------|--|-----------------------|-----------------------|
| Program Program Title | Swamp Development Program | | |
| Program Description | Review in detail on tidal swamp spatial plan Optimization of tidal swamp area Optimization of inland swamp Construction of irrigation infrastructures for shrimp/fishpond | | |
| Constraints | Limited fund at province/regency/municipality level Limited human resources at operational level | | |
| Positive Impact | Increasing of production and productivity of fish cultivation Increasing water discharge and efficiency Land and water utilization | | |
| Negative impact | | | |
| Prerequisite | Comprehensive study/ review in detail on tidal swamp spatial plan Regional regulation on swamp area | | |
| Rank | | | |

Annex F3.5.2 Discussion on Priority Programs (4/11)

Component: Water Use

| Alternative Program | Proposed Priority Program | Alternative Program 1 | Alternative Program 2 |
|------------------------|---|-----------------------|-----------------------|
| Program Title | Water supply program in tidal swamp area | | |
| Program Description | Feasibility study of brackish water treatment Water treatment construction based on appropriate technology | | |
| Constraints | Water treatment requires high cost Purchasing power is low | | |
| Positive Impact | Increasing of public health | | |
| Negative impact | | | |
| Prerequisite | Standardized quality of water supply | | |
| Rank | | | |

FA - 17

Annex F3.5.2 Discussion on Priority Programs (5/11)

Component: Water Use (Irrigation)

| Alternative | Proposed Priority Program | Alternative Program 1 | Alternative Program 2 |
|-----------------|--|-----------------------|-----------------------|
| Program | | | |
| Program Title | Rehabilitation Program and Upgrading | | |
| Program | Improvement of infrastructures and operation & | | |
| Description | maintenance of irrigation system | | |
| Constraints | Functional decrease of irrigation system Excessive water use | | |
| Positive Impact | Revitalization of irrigation system To increase the function of irrigation system To increase the production | | |
| Negative impact | | | |
| Prerequisite | Detail design Participatory implementation Certainty period, example 5-10 years (?) | | |
| Rank | | | |

FA - 18

Annex F3.5.2 Discussion on Priority Programs (6/11)

| Alternative Program | Proposed Priority Program | Alternative Program 1 | Alternative Program 2 |
|---------------------|---|---|-----------------------|
| Program Title | Water management for transportation | | |
| Program Description | Dredging of river canal along the year Survey, investigation and design for long-term river dredging | | |
| Constraints | Expensive cost for dredging | | |
| Positive Impact | Safety of vessels Increase of regional economy | | |
| Negative impact | - Dredging location is too long and location of removal is too close to the river, so dredged material return back | Environmental pollution during dredging | |
| Prerequisite | Maintenance cost of Musi River canal is accommodated in regional budget | | |
| Rank | | | |

Annex F3.5.2 Discussion on Priority Programs (7/11)

FA - 20

| Alternative Program | Proposed Priority Program | Alternative Program 1 | Alternative Program 2 |
|---------------------|--|---|-----------------------|
| Program Title | Raw water (river) development | | |
| Program Description | Construction of power plant Provision of water treatment in tidal swamp area Development of industrial and housing area | Raw water quality preservation Water quality control | |
| Constraints | - Water requirement data are not available | - Large covering area | |
| Positive Impact | Electrical requirement is fulfilled. Water requirement in tidal swamp area is fulfilled. Well-planned utilization zoning in swamp area | Keep to be filled of the resources, such as:1. Animal (?)2. Concerning vegetable (?) | |
| Negative impact | Construction may cause environmental impacts. | | |
| Prerequisite | Sufficient water discharge Large amount of funds | Standard parameter for row water quality pH Turbidity Discharge, BOD and COD | |
| Rank | | | |

Annex F3.5.2 Discussion on Priority Programs (8/11)

Component: <u>Environment</u>

| Alternative Program | Proposed Priority Program | Alternative Program 1 | Alternative Program 2 |
|------------------------|--|--|--------------------------|
| Program Title | Enforcement of law regarding environment | Supervision and control of River Pollution | |
| Program Description | Implementation of environment Impact assessment (AMDAL) Environmental pollution prevention Increase of public health | Law extension Monitoring & supervision Law enforcement | - Sanction reinforcement |
| Constraints | Lack of human resources Environmental law is not properly socialized. | Lack of human resources Law is not properly socialized. | |
| Positive Impact | | River is well managed | |
| Negative impact | - Social restlessness | | |
| Prerequisite | Guarantee of society secure conditionPeople's participation | | |
| Rank | | | |

Annex F3.5.2 Discussion on Priority Programs (9/11)

Component: Environment (Improvement and rehabilitation of water catchment area)

| Alternative Program | Proposed priority Program | Alternative Program 1 | Alternative Program 2 |
|------------------------|--|--|-----------------------|
| Program Title | River Environment management | Supervision & Control of River pollution | |
| Program Description | Erosion Prevention Riverbank re-greening River water quality improvement | Riverbank re-greening program Consruction of river revetment. | |
| Constraints | Deforestation around the river River sedimentation | Reforestation (?) City Forest Program (?) Dredging (?) | |
| Positive Impact | To preserve river environment To preserve river ecosystem | - Clean River | |
| Negative impact | Area surrounding the river can not be utilized freely. | | |
| Prerequisite | People perception supports the implementation of the project | | |
| Rank | | | |

Annex F3.5.2 Discussion on Priority Programs (10/11)

Component: Flood (Flood Plain management)

| Alternative Program | Proposed priority Program | Alternative Program 1 | Alternative Program 2 |
|------------------------|---|---|--|
| Program Title | Optimization/Flood warning System | Reforestation of the upstream areas | Drainage System Improvement |
| Program Description | To balance the distribution of AWLR (Automatic Water Level Recorder) To develop regional communication system To prepare well-trained personnel | Government and JICA as facilitators Reforestation of water catchment area Limitation of land for new settlement | Increasing of canal volume Construction of dikes Routine maintenance |
| Constraints | Lack of facility Flood points zoning Limited budget for operation | Spend much time Need maintenance | 1. High cost in land acquisition |
| Positive Impact | Flood controlling can be more effective. Flood damage can be minimized. | Increase of water absorption Make the environment greener Prevention from erosion | Decrease of flood inundation Better environment Water can be utilized; irrigation, fishpond, etc |
| Negative impact | | | |
| Prerequisite | Well-programmed inter-flood points area Routine funding Improvement of community Government/ community coordination | Provision of management authority Availability of funds Government and community control | Availability of funds Well-prepared technical planning. Long-term program. Establishment of coordination. |
| Rank | 1 | 2 | 3 |

Annex F3.5.2 Discussion on Priority Programs (11/11)

FA - 24

Component: Institution

| Alternative Program | Proposed priority Program | Alternative Program 1 | Alternative Program 2 |
|------------------------|---|---|---|
| Program Title | Establishment of PTPA/PPTPA | Conservation Compensation | Data Processing |
| Program Description | Establishment of non-structural organization Coordination of structural organization | Compensation from downstream to upstream | Establishment of data and information unit |
| Constraints | Difference background Sectoral Egoism | Difficulty to determine compensation | Weakness of information sources Weak of information network Limited human resources |
| Positive Impact | Provision of Integrated management | People will keep maintaining upstream area for conservation | Availability of accurate and fast-access data |
| Negative impact | | | |
| Prerequisite | Availability of public concern to achieve the target | Availability of public commitment | Availability of hardware and softwareSupporting human resources. |
| Rank | | | |