

Capacity Building of the Environmental Conservation Department (ECD-CAB)

The project has entered its third year, and at present the following activities are given priority:

- The development of pig farming licensing rules and pollution control regulations
- Monitoring of Mammut Copper Mine and Likas River Pollution Sources
- Review of the Enactment (CEE)
- The Indicator Report, and in relation to this; planning and initiation of a number of surveys, including waste water treatment plants, landfills, EIA compliance, Public Environmental Opinion
- Finalisation of Forestry and Oil Palm guideline
- Initiation of the Aquaculture EIA guideline
- Continuous implementation of MIS and GIS
- Development of awareness materials
- Targeted technical training, e.g. in EIA assessment, water quality, map use and slopes assessment



Please contact us if you need more information. Yabi Yangkat, Project Director, (088-238130) and Carsten Hollaender Laugesen, CTA, (016 832 6766).

NEWSLETTER

Some of the outputs finalised in the previous period:

- Study tour to Denmark
- Environmental input for the State structure plan
- The approval of the Penampang Land Scheme Plan by the District Council
- ISO 9000
- Short-term Human Resource plan for ECD
- Investigation, Enforcement & Prosecution Manual
- Hillslope Guideline.

Below are highlighted some of the ongoing ECD-CAB activities for each of the divisions in the ECD. Also included is a list of technical reports, background papers and awareness materials prepared until now. Many of these reports are available from the homepage:

www.sabah.gov.my/jkas/programmes.

Environmental Planning

Preparations for the environmental indicator report has continued. The report will cover rural and urban rivers, mangrove cover, coral reefs, flora & fauna. Number of other activities have been linked to the preparation of the Indicator Report, such as public opinion survey, Likas River Survey, wastewater treatment survey, mangrove mapping, natural resource mapping in cooperation with Land & Survey Department.

The review of the Conservation of Environment Enactment has been initiated and a local consultant been contracted.

Environmental Impact Assessment (EIA)

The preparation of the guideline for aquaculture has been initiated in collaboration with Fisheries Department.

Guidelines for river sand and stone mining, construction on hill slopes, forest activities and oil palm plantations have been finalised. An inter-department meeting with Forestry Department has been held.

An EIA compliance survey has been initiated.

Monitoring and Enforcement

The environmental investigation, administrative enforcement and prosecution manual has been finalised and distributed.

A draft livestock licensing rules and pollution control of pig farming regulation has been drafted and is presently being discussed with the Veterinary Department. The survey of all pig farms in Sabah has been finalised.

A monitoring program for potential pollution and mitigation measures for Mammot Copper Mine has been initiated in cooperation with UMS.

Communication & Awareness

ECD presentation folder, pamphlet and poster and an ECD-CAB pamphlet have been produced and distributed.

The production of an Environmental Video has been finalised and will be distributed soon.

Environmental Information Systems (EIS)

The first version of the MIS component is presently being pilot-tested within the EIA section of the Department.

Following the provided GIS training, the GIS section has produced a number of maps, e.g. for the Love the Moyog River Campaign, a undertaken analysis of satellite images from 1991 and 2000 in relation to mangrove, protected area protection, etc. These analyses will be used for the Environmental Indicator report.

Administration

The ISO documentation materials has been finalised and certification was received in September.

Inputs and miscellaneous

Consultants used in the previous period include Carsten H. Laugesen, Tony Greer, PC Chang (MIS), Chemsain (oil palm guideline), UMS (Mammot Copper Mine, Likas River, Public Opinion), Mr. Tariq (Waste Water Treatment plants), COWI HQ (study tour), Peter Chang (aquaculture), Tan Kok Jyh (pig farm survey), Penampang Junior Chamber (Love Moyog River campaign)

ECD-CAB activities -Status November 2001

Task	Next steps	Responsible for next step
Planning		
Indicator report	Draft prepared	SP/SF – ad/wd/wwf
- Public opinion study	Ongoing	UMS
- Likas river survey	Being planned	UMS
- Wastewater Treat Study	Ongoing	Tariq/cowi
- Landfill survey	Being planned	LIM?
Study tour (PSC)	Report + Danced project prop.	EJ/CHL
Study tour (interdept officers)	Planned for dec (Thailand)	YY/CHL
Training program Jammy	Being planned	JG/SF
CEE review	Start up October	YY/CHL/Darrel
Long term HRD plan	Next year	YY/CHL
State environmental policy	Next year	EJ
Environmental Assessment		
Forestry guideline + pamph.	Print + distribute (WD meeting)	CHL/EJ/VM
Hill guideline	Print + distribute	CHL
Oil palm guideline + pamphl	Finalise + external meeting	Chemsain/CHL/TG
Aquaculture guideline	Ongoing	P. Chang
EIA Compl moni/reporting	Being planned	YY/CHL/TK
Forestry pilot impl. project	Initial phase	EJ
Assessment train & manual	Internal/external workshop - nov	CHL/VM/TG
Attachment Vitalis/Clarice	Next year	CHL
Screening guideline	Next year	VM
Monitoring & Enforcement		
Hillslope training	Workshop Dec.	TG/TK
Water training	Workshop Dec.	TG/TK
Pig regulation	Preparation of draft regulation	TG/TK/CHL
M&E strategy	Finalise	TK/CHL/SF
Monitoring – Mammut copper	Ongoing	UMS
Monitoring – Likas river	(see indicator)	UMS
EIS		
MIS	Trial nov	PC/FS/CHL
GIS workflows	EIA and M&E task GIS'ed	TG/FS
Indicator base maps	Ongoing	D/FS
Sattelite monitoring	Being processed	CHL
C & A		
Moyog river campaign	Ongoing	PJC/SP
VDO	Print + distribute	Rebacca/FS/CJ
Photo Book	Approved, being planned	CHL/SP/Danced
DO/landfil seminar	Feb	YY/JG
C&A strategy	Finalise	SP/CHL/SF
Poster	Nov	SP
Calender	Nov.	SP
Quarterly Bulletin	Nov	SP/CHL/YY/EJ
Administration		
Capacity building paper	Internal paper	CHL
Training program Anna	Being planned	CHL/COWI
Yabi Attachment DK	Next year	YY

Overview of ECD materials. November 2001

Name	Number	Status Nov/01	Area
Technical Reports			
Handbook for EIA in Sabah	Number 1	Final	EA
EIA guideline for River Sand & Stone Mining	Number 2	Final	EA
EIA guideline for Forestry	Number 3	Final draft	EA
M&E Manual; Investigation, Adm. Enforcement & Prosecution.	Number 4	Final	M&E
C&A Strategy & Action Plan	Number 5	Finalt	C&A
M&E Strategy and Action Plan	Number 6	Final	M&E
ISO 9000 Manual	Number 7	Final	Adm.
EIA Guideline for Construction on Hill slopes	Number 8	Final.	EA
EIA Guideline for Oil Palm Plantations	Number 9	Final draft	EA
Penampang Land Scheme Plan	Number 10	Final	Plan.
Hillslope Policy	Number 11	Final	EA
River Stone and Sand Mining Policy	Number 12	Final	EA
Environmental Indicator Report, 2000	Number 13	Under prep.	Plan.
Guideline for Local Authorities	Number 14	Under prep.	EA
State Structure Plan – Environmental input	Number 15	Final	Plan.
Regulation for pig farming	Number 16	Final draft.	M&E
Aquaculture guidelines	Number 17	Under prep	EIA
Background papers			
Environmental guidelines; case Penampang District	Number 1	Final	Plan.
EIA and forestry activities	Number 2	Final	EA
Study tour report	Number 3	Draft	Plan.
M&E Training package	Number 4	Final	M&E
8 th Malaysian Plan Submissions	Number 5	Final	Plan.
Research methodology for Gravity Feed System	Number 6	Final	Plan.
Short term HRD Plan	Number 7	Final	Plan.
Draft Standard TOR, CV and scoping note	Number 8	Final	EA
Draft Agreement of Environmental Conditions	Number 9	Final	EA
GIS concept paper	Number 10	Final	EIS
Land application and development plan procedures in Sabah	Number 11	Draft	EA
Pig farming survey, Tuaran District	Number 12	Final	M&E
A report on the State of the Environment in Sabah, 2000	Number 13	Final	Plan.
Integrated Environmental Planning, A regional perspective	Number 14	Final	Plan.
Capacity Building theory	Number 15	Draft.	ECD-CAB
Wastewater treatment plants in Sabah	Number 16	Under prep.	Plan.
Pig farming survey	Number 17	Draft	Plan.
Mammut Copper Mine Survey	Number 18	Under prep.	M&E
Likas River Survey	Number 19	Under prep.	Plan.
Landfill survey	Number 20	Under prep.	Plan.
EIA compliance survey	Number 21	Under prep.	EIA
Awareness materials			
Homepage	Number 1	Final	EIS
Homepage pamphlet	Number 2	Final	C&A
River Sand & Stone Mining pamphlet	Number 3	Final	C&A
ECD holder	Number 4	Final	C&A

ECD pamphlet	Number 5	Final	C&A
ECD CD-rom	Number 6	Final	C&A
ECD-CAB pamphlet	Number 7	Final	ECD-CAB
ECD Cap & Vest	Number 8	Final	C&A
ECD Natural Resource Management Video	Number 9	Final	C&A
ECD-CAB Newsletter No. 1	Number 10	Final	ECD-CAB
ECD-CAB Newsletter No. 2	Number 11	Final	ECD-CAB
ECD-CAB Newsletter No. 3	Number 12	Final	ECD-CAB
ECD-CAB Newsletter No. 4	Number 13	Final	ECD-CAB
Hillslope pamphlet	Number 14	Final	C&A
Painting for exhibitions	Number 15	Final.	C&A
3-D presentation	Number 16	Final	C&A
ECD-CAB Newsletter No. 5	Number 17	Final	ECD-CAB
ECD-CAB Newsletter No. 6	Number 18	Final	ECD-CAB
Environmental Calendar	Number 19	Under prep.	C&A
Environmental Poster	Number 20	Under prep.	C&A
ECD-CAB Newsletter No. 7	Number 21	Final	ECD-CAB
Environmental Photo Book	Number 22	Under prep.	C&A
Forestry pamphlet	Number 23	Under prep.	C&A
Oil Palm pamphlet	Number 24	Under prep.	C&A

Project Documents

Revised project Doc.	Number 1	Final	ECD-CAB
Inception Rep.	Number 2	Final	ECD-CAB
Procedures Manual	Number 3	Final	ECD-CAB
Progress report no. 1	Number 4	Final	ECD-CAB
Progress report no. 2	Number 5	Final	ECD-CAB
Progress report no. 3	Number 6	Final	ECD-CAB
