

**HUMAN RESOUCE AND SOCIAL  
SERVICES DEVELOPMENT**



## **Human Resource and Social Services Development**

### ***Short- and Medium-Term Projects and Programs (Up to 2005)***

- \*HS01: School Facility Minimum Improvement Program, Phase-I
- \*HS02: Program for People's Awareness Promotion on Sanitation and Health
- \*HS03: Non-formal Education Promotion Program (linked with AG06)
- HS04: Central Visayas Adolescent Development Program
- HS05: Cebu Educational and Training Center (tentatively named "Cebu Research Park City") Development Project (linked with IN05, UD11 and LT10)

**PROPOSED PROJECT PROFILE**  
for Cebu Integrated Area Development  
Prepared by the JICA Study Team, 1993-1994

(1/2)

<b>Project No.</b> HS-01	<b>Project Title</b> School Facility Minimum Improvement Program		<b>Economic Sector</b> Social Sector
<b>Project Location</b> Cebu Island		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 2-5 years
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input type="checkbox"/> Development Project <input checked="" type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b> 1. to provide better access to public elementary and secondary education to all school aged children 2. to improve sanitation status of schools 3. to supply water to every school 4. to facilitate adequate educational and instructional equipment and materials 5. to improve the educational environment including utilities and amenities 6. to promote educational opportunities through "school on the air"		<b>2. Target Beneficiaries</b> • School-age children • Teachers • All people through "school on the air" • Out-of-school youths (OSY)	
<b>3. Project Description</b> This package project has four major components: 1) school building construction and rehabilitation in all barangays and municipalities which lack schools, 2) construction of toilet facilities at all schools without toilets, 3) provision of water supply outlets (at least rainfall collectors) to all schools without water supply, and 4) provision of educational/instructional equipment such as black boards, printing equipment, other necessary equipment and materials.		<b>4. Expected Benefits / Outputs</b> • This project is expected to improve the quality of education because of better access to schools. • Schools' amenity will be improved. • Better water supply and sanitation of schools improve the health of school children and school personnel. • Educational performance and achievement are expected to be improved. • Construction related jobs will be created in short-term basis. • This project may give an opportunity to formulate school centered people's organization	
<b>5. Important Assumptions / Conditions for the Project</b> • There must be enough fund for provision of school building, the other facilities and materials. • Land for new schools must be prepared by LGUs. • There must be some organization (community organization or PTA) to maintain the school facilities so that the school will not get dilapidated. • These facilities and equipment originally must be prepared locally, however, international fund will be expected for that purpose.		<b>6. Project Linkages / Other Sector Linkages</b> HS02: Programs for people's awareness promotion on sanitation and health WR08: Rural water supply facility development project NE01: Cebu community-based resource management project	
<b>7. Estimated Investment Requirement ( In 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) School building _____ 4,000 Mill. Pesos 2) Equipment and materials _____ 150 Mill. Pesos 3) Toilet and water supply _____ 60+ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> DECS, DOH	
<b>10. A Provisional Scheme for Fund Procurement</b> <input checked="" type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> International Assistance Funds (Foreign Portion: <u>50</u> %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> LGUs	
<b>11. Private Sector Participation</b> NGOs, PTA		<b>12. Environmental Measures</b> <b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input checked="" type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)	
<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envr'l Awareness <input type="checkbox"/> Others (as specified in Box 16)			

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(2/2)

Project No. HS-01	Project Title School Facility Minimum Improvement Program	
<p><b>13. Verifiable Indicators / Information / Drawings</b></p> <p><b>A: School buildings and Classrooms</b></p> <p>1. Elementary school As of 1993, in 247 barangays do not have any elementary schools in their territory. The following show the numbers of school-less barangays in each school division: Cebu (207/1028, 20.1%); Cebu City (26/80, 32.5%); Lapulapu City (0/29, 0%); Mandaue City (10/27, 37.0%); Toledo City (4/38, 10.5%). Average 20.5%.</p> <p>2. Classroom-pupil ratio Classroom-pupil ratio of 1992 is 1:37. The target of Classroom-pupil ratio is 1:40. The ratio of schools in urban areas are worse.</p> <p>3. Secondary school Provide a high school every municipality: 61 municipalities in Region 7 do not have any high school.</p> <p>4. Classroom-student ratio Classroom-student ratio in 1992 is 1:62. The target is 1:45.</p> <p>The school facilities improvement component may include</p> <ul style="list-style-type: none"> <li>• Construction of elementary schools in every barangay</li> <li>• Completion of 913 incomplete elementary schools</li> <li>• Construction of new classrooms, science lab/workshops, home economics buildings, multi purpose buildings, individual arts buildings</li> <li>• Repair/rehabilitation/replacement</li> </ul> <p><b>B. Water supply and sanitation in schools</b></p> <p>1. Water supply There are no statistical data available on the number of schools with proper water supply. Every school must be supplied with water. At least rainfall catchment should be equipped to schools. Especially, mountain barangay schools. Such water is also used to flush toilets.</p> <p>2. Toilet facilities Every schools must have enough number of toilets to keep the schools sanitary, which prevents children from getting infected water- and sanitation related diseases like diarrhea</p> <p><b>C. Equipment and materials provision</b></p> <ul style="list-style-type: none"> <li>• The ratios of pupil and student-desk, -chair, and -textbook are targeted to 1:1.</li> <li>• Radio for every barangay center/family cluster to catch "school-on-the-air"</li> <li>• Printing machine (mimeographing, copying machine, typewriter) per a certain number of schools</li> <li>• Other equipment like chalkboards, science experimental kits, etc. must be prepared enough.</li> </ul> <p>* PTA (parents, teachers association) might as well get involved in the construction planning and maintenance of the schools. Because of the lack of fund, they may have to donate to some extent.</p>		
<b>14. Project Classification</b>	<b>15. Necessary Inputs/Arrangement</b>	<b>16. Special Considerations</b>
<p>Functional Level</p> <p><input checked="" type="checkbox"/> Island Minimum Project</p> <p><input type="checkbox"/> Island Basic Project</p> <p><input type="checkbox"/> Island Strategic Project</p> <hr/> <p>Project Orientation</p> <p><input type="checkbox"/> Regional Economic Drive</p> <p><input checked="" type="checkbox"/> Social Development Drive</p> <p><input type="checkbox"/> Environmental Drive</p>	<p><input type="checkbox"/> National Government Involvement</p> <p><input type="checkbox"/> Initiatives of Local Government Units</p> <p><input type="checkbox"/> Institutional Arrangement at Local Level</p> <p><input type="checkbox"/> Special Financial Building at Local Level</p> <p><input checked="" type="checkbox"/> Special Fund Allocation by Central Government</p> <p><input checked="" type="checkbox"/> International Financial Assistance (Grant)</p> <p><input type="checkbox"/> International Financial Assistance (Loan)</p> <p><input type="checkbox"/> Private Sector Participation in Funding</p> <p><input type="checkbox"/> Maximum Utilization of Local Technologies</p> <p><input type="checkbox"/> International Technical Assistance</p> <p><input type="checkbox"/> Others (as specified in Box)</p>	

**PROPOSED PROJECT PROFILE**  
**for Cebu Integrated Area Development**  
**Prepared by the JICA Study Team, 1993-1994**

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<b>Project No.</b> HS-02	<b>Project Title</b> Program for People's Awareness Promotion on Sanitation and Health		<b>Economic Sector</b> Social Sector		
<b>Project Location</b> Cebu		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b>		
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input checked="" type="checkbox"/> Others					
<b>1. Summary of Objectives</b> <ul style="list-style-type: none"> <li>To promote the people's awareness about the following sanitary and health matters:               <ol style="list-style-type: none"> <li>water hygiene and contamination</li> <li>effective waste and water drainage</li> <li>sanitary toilet</li> </ol> </li> </ul>		<b>2. Target Beneficiaries</b> <ul style="list-style-type: none"> <li>All Cebuanos</li> </ul>			
<b>3. Project Description</b> <ul style="list-style-type: none"> <li>IEC mobile team building</li> <li>Conduct of "Mobile Mini-seminars" in rural area for promotion activities</li> <li>Training of staff for dissemination</li> <li>Development &amp; production of audio-visual materials</li> <li>Campaign activities through mass media such as TV and radio.</li> </ul> Publication of promotional booklets and disseminate through formal education		<b>4. Expected Benefits / Outputs</b> <ul style="list-style-type: none"> <li>Increased level of awareness among people on sanitation, contamination/water-borne diseases and cleanliness</li> <li>Immediate response to concerns and issues related to sanitation and health conditions</li> <li>Trained peer facilitators/counselors to handle mobile seminar</li> <li>Distribution of advocacy materials on sanitation and health.</li> </ul>			
<b>5. Important Assumptions / Conditions for the Project</b> The program will entail a close coordination with the LGUs (provincial, municipal and cities) <ul style="list-style-type: none"> <li>Government as well as NGOs concerned with the people's well-being.</li> <li>The program will endeavor to reach out to a greater number of people in the whole province.</li> <li>The programs will continue until the sanitation situation will become satisfactory.</li> </ul>		<b>6. Project Linkages / Other Sector Linkages</b>			
<b>7. Estimated Investment Requirement ( in 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> DOH			
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> International Assistance Funds (Foreign Portion: <u>50</u> %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> DECS, LGUs, DENR, NGOs, and People's or community organizations			
<b>11. Private Sector Participation</b>		<b>12. Environmental Measures</b>			
<table border="0"> <tr> <td style="vertical-align: top;"> <b>Technical Measures:</b>  <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies  <input type="checkbox"/> Install Pollution Protection Facilities/Equipment  <input type="checkbox"/> Implement Jointly Environmental Engineering Work  <input type="checkbox"/> Examine the Project Location Site and/or Scale  <input type="checkbox"/> Examine Availability of Alternative Resource Use ( )  <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna  <input checked="" type="checkbox"/> Implement Jointly Social and Community Development  <input type="checkbox"/> Others (as specified in Box 16)           </td> <td style="vertical-align: top;"> <b>Administrative Measures</b>  <input type="checkbox"/> Adjust with Land Use Zoning  <input checked="" type="checkbox"/> Coordinate with Environmental Sector Guidelines  <input type="checkbox"/> Undertake Periodical Environmental Monitoring  <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle)  <input checked="" type="checkbox"/> Train Management Skill/Personnel for the Project  <input type="checkbox"/> Make a Consensus with Inhabitants  <input type="checkbox"/> Promote Public Relation for Envir'l Awareness  <input type="checkbox"/> Others (as specified in Box 16)           </td> </tr> </table>				<b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input checked="" type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)	<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input checked="" type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input checked="" type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envir'l Awareness <input type="checkbox"/> Others (as specified in Box 16)
<b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input checked="" type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)	<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input checked="" type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input checked="" type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envir'l Awareness <input type="checkbox"/> Others (as specified in Box 16)				

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Project No. HS-02	Project Title Program for People's Awareness Promotion on Sanitation and Health	
<p><b>13. Verifiable Indicators / Information / Drawings</b></p> <p>The program is expected to contribute to:</p> <ul style="list-style-type: none"> <li>• Reduction in water and sanitation related diseases, like cholera el tor, typhoid/paratyphoid fever and diarrhea, which include food poisoning and dysentery.</li> <li>• More prevalence of sanitary toilets: At present, 35.5% of total Cebu households do not have any form of toilets. This is worse in rural arcars (51.9%) compared with urban households (19.8%). Of all the toilet facilities used, unsanitary toilets are accounting for the following rates in provinces and cities: Cebu (28.1%), Cebu City (20.6%), Danao City (8.3%), Lapulapu City (50.6%), Mandaue City (31.9%), Toledo City (7.7%)</li> <li>• Improvements in disinfection of householdwater container</li> </ul>		
<b>14. Project Classification</b>	<b>15. Necessary Inputs/Arrangemnt</b>	<b>16. Special Considerations</b>
<p>Functional Level</p> <p><input checked="" type="checkbox"/> Island Minimum Project <input type="checkbox"/> Island Basic Project <input type="checkbox"/> Island Strategic Project</p> <p>Project Orientation</p> <p><input type="checkbox"/> Regional Economic Drive <input checked="" type="checkbox"/> Social Development Drive <input type="checkbox"/> Environmental Drive</p>	<p><input type="checkbox"/> National Government Involvement <input checked="" type="checkbox"/> Initiatives of Local Government Units <input type="checkbox"/> Institutional Arrangement at Local Level <input type="checkbox"/> Special Financial Building at Local Level <input type="checkbox"/> Special Fund Allocation by Central Govern't <input checked="" type="checkbox"/> International Financial Assistance (Grant) <input type="checkbox"/> International Financial Assistance (Loan) <input type="checkbox"/> Private Sector Participation in Funding <input type="checkbox"/> Maximum Utilization of Local Technologies <input type="checkbox"/> International Technical Assistance <input type="checkbox"/> Others (as specified in Box)</p>	

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<b>Project No.</b> HS-03	<b>Project Title</b> Non-formal Education and Livelihood Promotion Programs		<b>Economic Sector</b> Social sector
<b>Project Location</b> Cebu province		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 1994-
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input checked="" type="checkbox"/> Institutional Building <input checked="" type="checkbox"/> Others			
<b>1. Summary of Objectives</b> <ul style="list-style-type: none"> <li>To integrate and make more efficient various types of livelihood related projects conducted by DECS, DSWD, NMYC and DA</li> <li>Those programs seem to be efficient and effective when well coordinated and integrated. For better implementation with limited resources, to study and re-program the livelihood programs is necessary.</li> </ul>		<b>2. Target Beneficiaries</b> <ul style="list-style-type: none"> <li>Eligible people for livelihood, skills training and literacy programs (mostly, unskilled or illiterate people)</li> <li>Public administrators</li> </ul>	
<b>3. Project Description</b> <ul style="list-style-type: none"> <li>To set up a coordinating body</li> <li>To train instructors for skills training</li> <li>To Integrate Program planning of livelihood and skill training</li> <li>Organizational building for non-formal education circles at multipurpose centers</li> <li>To provide micro credit</li> </ul>		<b>4. Expected Benefits / Outputs</b> <ul style="list-style-type: none"> <li>More efficient resource management for livelihood programs in skills training and micro credit projects</li> <li>Increased numbers of trainees and debtors from the livelihood programs</li> <li>Improvement of productivity/increased sales in self-employed, tiny, small business</li> <li>Creation of job opportunities</li> </ul>	
<b>5. Important Assumptions / Conditions for the Project</b> <ul style="list-style-type: none"> <li>Good coordination among the related agencies</li> <li>Well designed program for livelihood, skills training and literacy, including value education to motivate the trainees</li> <li>Cooperation and collaboration among NGOs and LGUs for training space and technical support</li> </ul>		<b>6. Project Linkages / Other Sector Linkages</b> AG06: Cebu Integrated Rural Livelihood Promotion Center Project IN05: Human Resource and Technology Network Program (HRTNP)	
<b>7. Estimated Investment Requirement ( in 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> DECS, DSWD, DA, NMYC	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> International Assistance Funds (Foreign Portion: _____ %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> CDOP, DTI, LGUs and NGOs	
<b>11. Private Sector Participation</b> Community Based (or Cooperative) Credit Union		<b>12. Environmental Measures</b> <b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16) <b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envr'l Awareness <input type="checkbox"/> Others (as specified in Box 16)	

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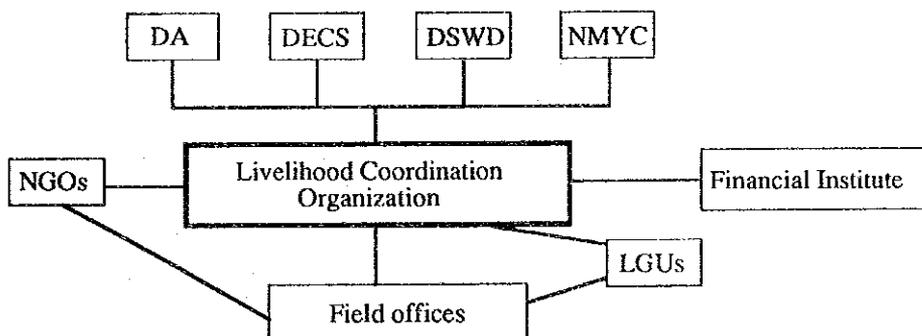
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Project No. HS-03	Project Title Non-formal Education and Livelihood Promotion Programs
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**13. Verifiable Indicators / Information / Drawings**

For livelihood programs integration, a coordinating organization must be set up in advance.

**Organizational Structure for Integrated Livelihood Program**



- Livelihood programs include the micro credit and skills training components.
- For micro credit, two-step loan from outside (international) source could be used. In this case, private (or cooperative) financial institute might show better recovery ratio.

14. Project Classification	15. Necessary Inputs/Arrangement	16. Special Considerations
<p>Functional Level</p> <p><input checked="" type="checkbox"/> Island Minimum Project</p> <p><input type="checkbox"/> Island Basic Project</p> <p><input type="checkbox"/> Island Strategic Project</p> <hr/> <p>Project Orientation</p> <p><input type="checkbox"/> Regional Economic Drive</p> <p><input checked="" type="checkbox"/> Social Development Drive</p> <p><input type="checkbox"/> Environmental Drive</p>	<p><input type="checkbox"/> National Government Involvement</p> <p><input checked="" type="checkbox"/> Initiatives of Local Government Units</p> <p><input checked="" type="checkbox"/> Institutional Arrangement at Local Level</p> <p><input type="checkbox"/> Special Financial Building at Local Level</p> <p><input checked="" type="checkbox"/> Special Fund Allocation by Central Govern't</p> <p><input checked="" type="checkbox"/> International Financial Assistance (Grant)</p> <p><input checked="" type="checkbox"/> International Financial Assistance (Loan)</p> <p><input type="checkbox"/> Private Sector Participation in Funding</p> <p><input type="checkbox"/> Maximum Utilization of Local Technologies</p> <p><input checked="" type="checkbox"/> International Technical Assistance</p> <p><input type="checkbox"/> Others (as specified in Box)</p>	

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(1/2)

<b>Project No.</b> HS-04	<b>Project Title</b> Central Visayas Adolescent Development Program		<b>Economic Sector</b> Social Sector
<b>Project Location</b> Cebu		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 1994-1998
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input type="checkbox"/> Development Project <input checked="" type="checkbox"/> Packaged Program <input checked="" type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b>  To promote the following values among adolescents: 1. responsible sexuality 2. responsible parenthood 3. delayed marriage 4. small family size norm		<b>2. Target Beneficiaries</b>  • Adolescents • All Cebuanos	
<b>3. Project Description</b>  A packaged program for adolescents with the following components:  1. IEC Mobile Team 2. Hotline 3. Training 4. Development & Production of Audio-visual materials		<b>4. Expected Benefits / Outputs</b>  1. Increased level of awareness among adolescents on population, sexuality, responsible parenthood and life planning. 2. Immediate response to concerns/issues related to adolescent problems like drug addiction, unplanned pregnancy, abortion, violence, STDs and AIDS. 3. Trained peer facilitators/counselors to handle HOTLINE and to man the mobile team. 4. Distribution of advocacy materials on adolescent fertility.	
<b>5. Important Assumptions / Conditions for the Project</b>  (1). The project will entail a close coordination with the local government units (provincial, municipal and city levels); Government as well as non-government agencies primarily concerned with the youth's well-being. (2). the four components identified in the project will form the core of the packaged program (3). The project will endeavor to reach out to a greater number of adolescents in the whole region. (4). After the fourth year, the project shall be handled by an identified organization/office/institution and funding will be generated from local sources.		<b>6. Project Linkages / Other Sector Linkages</b>	
<b>7. Estimated Investment Requirement ( In 1993 prices)</b> For Project Implementation in Total : _____ 4 _____ Mill. Pesos 1) _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ 1 _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> Population Commission Region 7	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input type="checkbox"/> Local Government <input checked="" type="checkbox"/> International Assistance Funds (Foreign Portion: 70 %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input checked="" type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> Cebu Youth Center, DECS, DSWD, LGUs and other GOs & NGOs	
<b>11. Private Sector Participation</b>		<b>12. Environmental Measures</b>	
<b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)		<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envir'l Awareness <input type="checkbox"/> Others (as specified in Box 16)	

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Project No. HS-04	Project Title Central Adolescent Development Program	
<p><b>13. Verifiable Indicators / Information / Drawings</b></p> <ul style="list-style-type: none"> <li>• Significant decrease on unwanted pregnancies by 50%; STDs by 50%; abortion by 10%; early marriages by 50%; and rapid increase in AIDS.</li> <li>• Increased level of awareness of population, sexuality, responsible parenthood and life planning among adolescents by 90%.</li> <li>• Reached out to at least 60% of the total adolescent population in Region 7.</li> <li>• Trained at least 100 core groups of peer facilitators/counselors in the Region.</li> </ul>		
<b>14. Project Classification</b>	<b>15. Necessary Inputs/Arrangement</b>	<b>16. Special Considerations</b>
<p>Functional Level</p> <p><input checked="" type="checkbox"/> Island Minimum Project</p> <p><input type="checkbox"/> Island Basic Project</p> <p><input type="checkbox"/> Island Strategic Project</p> <hr/> <p>Project Orientation</p> <p><input type="checkbox"/> Regional Economic Drive</p> <p><input checked="" type="checkbox"/> Social Development Drive</p> <p><input type="checkbox"/> Environmental Drive</p>	<p><input type="checkbox"/> National Government Involvement</p> <p><input type="checkbox"/> Initiatives of Local Government Units</p> <p><input type="checkbox"/> Institutional Arrangement at Local Level</p> <p><input type="checkbox"/> Special Financial Building at Local Level</p> <p><input type="checkbox"/> Special Fund Allocation by Central Govern't</p> <p><input checked="" type="checkbox"/> International Financial Assistance (Grant)</p> <p><input type="checkbox"/> International Financial Assistance (Loan)</p> <p><input type="checkbox"/> Private Sector Participation in Funding</p> <p><input checked="" type="checkbox"/> Maximum Utilization of Local Technologies</p> <p><input type="checkbox"/> International Technical Assistance</p> <p><input checked="" type="checkbox"/> Others (as specified in Box)</p>	<p>Direct funding to Population Commission Region 7</p>

**PROPOSED PROJECT PROFILE**  
for Cebu Integrated Area Development  
Prepared by the JICA Study Team, 1993-1994

(1/2)

<b>Project No.</b> HS05	<b>Project Title</b> Cebu Educational and Training Center (tentatively named "Cebu Research Park City") Development Project		<b>Economic Sector</b> Social & Economic
<b>Project Location</b> Cebu		<b>Project Priority</b> <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 1994-2005
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input checked="" type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input checked="" type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b> 1. To set up highly integrated environment for research and development (research and technology complex) 2. To replan the land use in overcongested urbanized area 3. To disseminate the advanced technologies among people 4. To build up technological/information network among private sector, academy and public sector		<b>2. Target Beneficiaries</b> • Technical and research institutes • Local industries • Researchers in science and technology • All people interested in science and technology • Personnel in academies, business, and public sector who are in charge of science and technology	
<b>3. Project Description</b> This project is aimed: 1) to relocate colleges and research institutes (academy) which are presently located in urbanized areas, to the new educational center in hi-land areas, Sudlon/Sinsin. 2) to establish an Industrial R& D and Technology Center 3) to construct Science and Technology Centrum 4) to build up technological/information network among business, public sector and academy		<b>4. Expected Benefits / Outputs</b> • Technological improvement or modernization, thus productivity improvement and technological level up of local industries • Network among the R & D related bodies for better information on technology • Encouragement of people's interest in science and technology • Better and planned land use in urbanized area	
<b>5. Important Assumptions / Conditions for the Project</b> • Good coordination among private and public sectors/business, academy, and public sector • Well-designed operation and management planning is required • Accumulation of various types of industries • Concentration of academies and research institutes • Technological linkage with industrial estates		<b>6. Project Linkages / Other Sector Linkages</b> IN05: Human Resource and Technology Network Program (HRTNP) UD11: Metro Cebu Urban Development Study LT10: Cebu Island TransCentral Highway Project	
<b>7. Estimated Investment Requirement ( In 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) Relocation of colleges, etc _____ Mill. Pesos 2) Industrial R & D and Technology Center _____ Mill. Pesos 3) Science and Technology Centrum _____ 2,000 Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> DOST, DTI, DECS	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> International Assistance Funds (Foreign Portion: <u>30</u> %) <input checked="" type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> NEDA, LGUs, Organization of Industrial Estate Development, RDC	
<b>11. Private Sector Participation</b> CCCI, other business associations, Private universities and colleges		<b>12. Environmental Measures</b> <b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)	
<b>Administrative Measures</b> <input checked="" type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Env'r'l Awareness <input type="checkbox"/> Others (as specified in Box 16)			

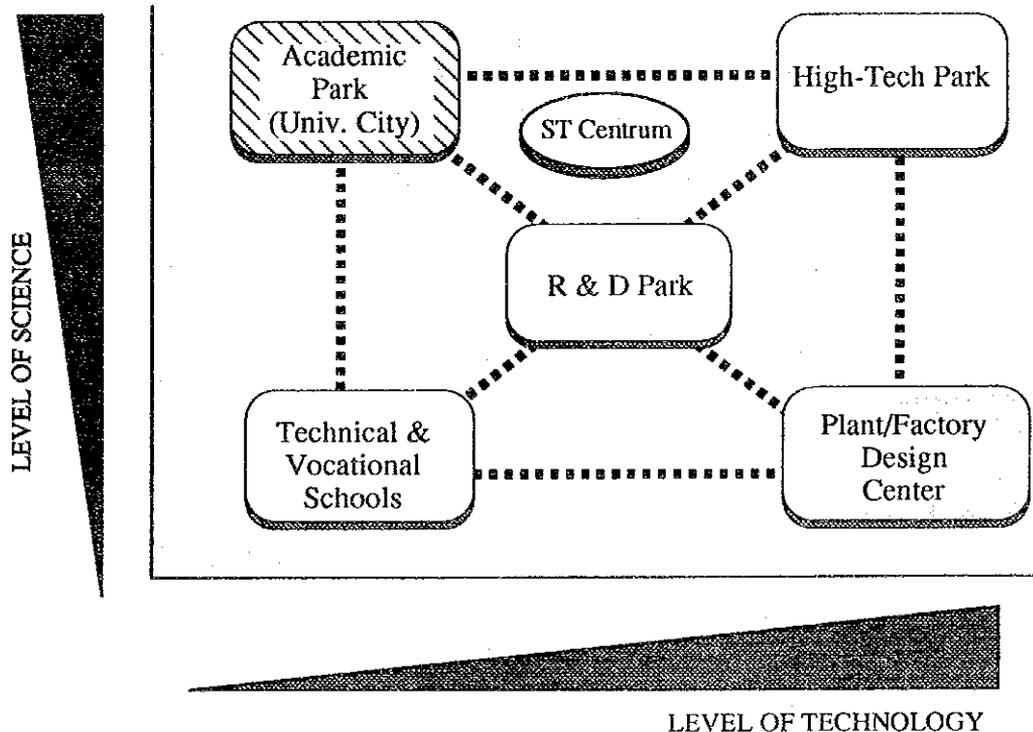
**PROPOSED PROJECT PROFILE**  
**for Cebu Integrated Area Development**  
 Prepared by the JICA Study Team, 1993-1994

(2/2)

<b>Project No.</b> HS05	<b>Project Title</b> Cebu Educational and Training Center (tentatively named "Cebu Research Park City") Development Project
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13. Verifiable Indicators / Information / Drawings

**CONCEPT OF SCIENCE PARK DEVELOPMENT**



\* There must be a good coordination among the related agencies, academies and businesses. Perhaps a coordinating organization will be required for smooth operation of such functions.

\*\* Cebu cannot accommodate all the functions illustrated above because of its low degree of accumulation of such functions for the time being. Cebu must select some functions based on its levels of science and technology.

14. Project Classification	15. Necessary Inputs/Arrangement	16. Special Considerations
<b>Functional Level</b> <input type="checkbox"/> Island Minimum Project <input type="checkbox"/> Island Basic Project <input checked="" type="checkbox"/> Island Strategic Project  <b>Project Orientation</b> <input checked="" type="checkbox"/> Regional Economic Drive <input type="checkbox"/> Social Development Drive <input type="checkbox"/> Environmental Drive	<input type="checkbox"/> National Government Involvement <input checked="" type="checkbox"/> Initiatives of Local Government Units <input type="checkbox"/> Institutional Arrangement at Local Level <input checked="" type="checkbox"/> Special Financial Building at Local Level <input checked="" type="checkbox"/> Special Fund Allocation by Central Govern't <input checked="" type="checkbox"/> International Financial Assistance (Grant) <input checked="" type="checkbox"/> International Financial Assistance (Loan) <input type="checkbox"/> Private Sector Participation in Funding <input type="checkbox"/> Maximum Utilization of Local Technologies <input checked="" type="checkbox"/> International Technical Assistance <input type="checkbox"/> Others (as specified in Box)	



# **NATURAL RESOURCES AND ENVIRONMENTAL MANAGEMENT**



## **Natural Resources and Environmental Management**

### ***Short- and Medium-Term Projects and Programs (Up to 2005)***

- \*NE01: Cebu Community-Based Resource Management Project (same as AG05)
- \*NE02: Program for Supporting "Integrated Social Forest (ISF) Program"
- NE03: "Environmental Monitoring and Pollution Control Center (EMPCC)" Project
- NE04: Industrial Toxic Waste Treatment Center Project (linked with UD04)
- \*NE05: A Data Base and Mapping Project
- \*NE06: Land Resource Evaluation Project (linked with NE05), for Planning Support of All the Proposed Projects/Programs

**PROPOSED PROJECT PROFILE**  
for Cebu Integrated Area Development  
Prepared by the JICA Study Team, 1993-1994

(1/2)

<b>Project No.</b> NE01	<b>Project Title</b> Cebu Community-Based Resource Management Project (Environmental Conservation Management Project)		<b>Economic Sector</b> Environment
<b>Project Location</b> Natural watershed areas in Cebu Island		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 5 years
		<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input checked="" type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others	
<b>1. Summary of Objectives</b> i) To rehabilitate the sloping upland areas by reducing the amount of soil erosion, run-off water, and increasing the biodiversity of plant species. ii) To protect and replant the mangrove forest and marine resources in the coastal zones iii) To examine the capability building of the LGU in terms of the natural resource management		<b>2. Target Beneficiaries</b> Inhabitants, especially farmers and fishermen in the natural watershed areas	
<b>3. Project Description</b> i) Implementation of technical measures for soil and water conservation and rehabilitation ii) Extension of mangrove reforestation program iii) Technical and Investment assistance to extension and/or training institutions supporting these watershed communities		<b>4. Expected Benefits / Outputs</b> i) Improvement of soil and water conservation in each watershed area ii) Reducing of flash flood in lowland iii) Rehabilitated and enhanced natural resource base to population growth, livelihood activities and agro-industrial development	
<b>5. Important Assumptions / Conditions for the Project</b> i) Provincial and municipal government units agree to undertake resource rehabilitation projects in their respective areas as stimulated by Local Government Code ii) Collaboration of technical expertise of DENR and DA to assist LGUs in project implementation		<b>6. Project Linkages / Other Sector Linkages</b> i) proposed AG05 program ii) CVRP Phase I, CUP, ISF sites as pilot learning areas iii) CVRP Phase II, Fisheries sector programs of DA, ISF programs of DENR	
<b>7. Estimated Investment Requirement ( In 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) Technical measures                    100 _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> Resource Management Center (RMC) of the RDC VII	
		<b>9. Relevant Agencies to Be Coordinated</b> DENR, LGUs, DA, Dept. of Science and Technology	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input type="checkbox"/> International Assistance Funds (Foreign Portion: _____ %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>11. Private Sector Participation</b> NGOs which have operating in Cebu Province with experience on rural development and resource rehabilitation activities	
<b>12. Environmental Measures</b>			
<b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use (                    ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input checked="" type="checkbox"/> Others (as specified in Box 16)		<b>Administrative Measures:</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envir'l Awareness <input checked="" type="checkbox"/> Others (as specified in Box 16)	

**PROPOSED PROJECT PROFILE**  
for Cebu Integrated Area Development  
Prepared by the JICA Study Team, 1993-1994

(2/2)

<b>Project No.</b> NE01	<b>Project Title</b> Cebu Community-Based Resource Management Project (Environmental Conservation Management Project)
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13. Verifiable Indicators / Information / Drawings

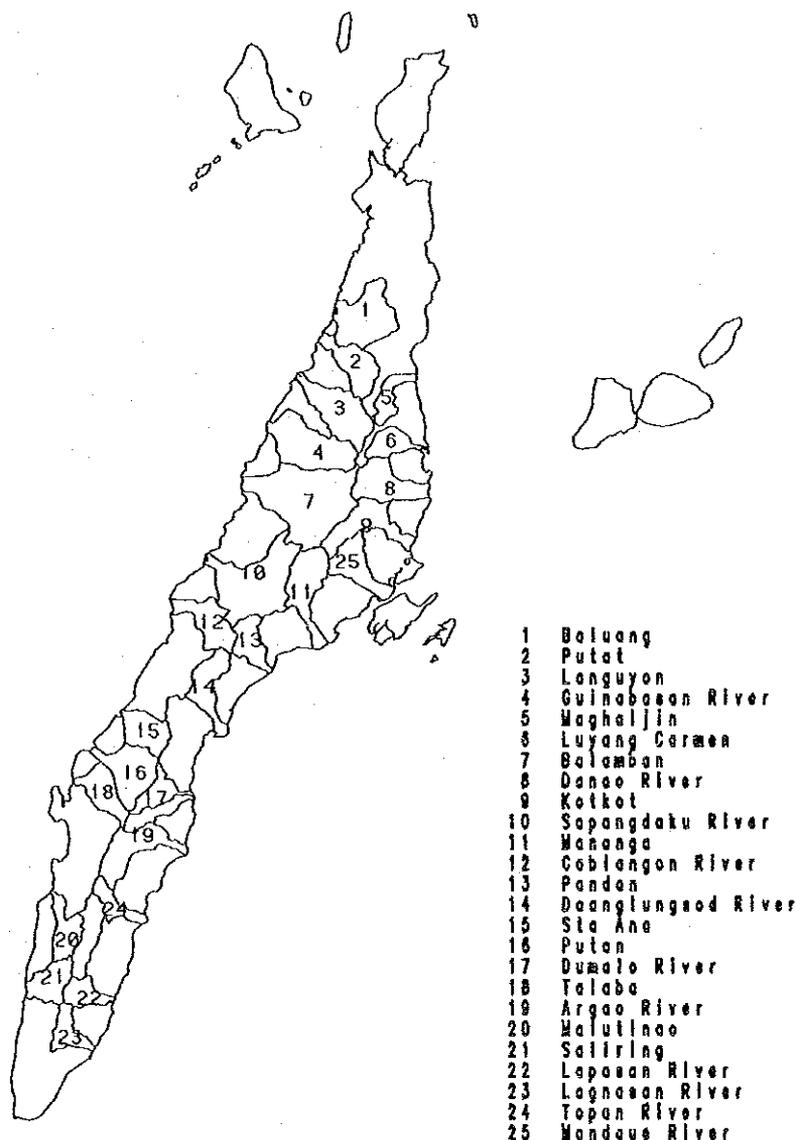


Figure Main Watershed

14. Project Classification	15. Necessary Inputs/Arrangement	16. Special Considerations
<p>Functional Level</p> <p><input checked="" type="checkbox"/> Island Minimum Project</p> <p><input type="checkbox"/> Island Basic Project</p> <p><input type="checkbox"/> Island Strategic Project</p> <hr/> <p>Project Orientation</p> <p><input type="checkbox"/> Regional Economic Drive</p> <p><input type="checkbox"/> Social Development Drive</p> <p><input checked="" type="checkbox"/> Environmental Drive</p>	<p><input type="checkbox"/> National Government Involvement</p> <p><input checked="" type="checkbox"/> Initiatives of Local Government Units</p> <p><input checked="" type="checkbox"/> Institutional Arrangement at Local Level</p> <p><input type="checkbox"/> Special Financial Building at Local Level</p> <p><input type="checkbox"/> Special Fund Allocation by Central Govern't</p> <p><input type="checkbox"/> International Financial Assistance (Grant)</p> <p><input type="checkbox"/> International Financial Assistance (Loan)</p> <p><input type="checkbox"/> Private Sector Participation in Funding</p> <p><input type="checkbox"/> Maximum Utilization of Local Technologies</p> <p><input type="checkbox"/> International Technical Assistance</p> <p><input type="checkbox"/> Others (as specified in Box)</p>	<p>The project includes environmental measures itself.</p>

**PROPOSED PROJECT PROFILE**  
**for Cebu Integrated Area Development**  
**Prepared by the JICA Study Team, 1993-1994**

(1/2)

<b>Project No.</b> NE02	<b>Project Title</b> Program for Supporting "Integrated Social Forestry (ISF) Program"		<b>Economic Sector</b> Environment
<b>Project Location</b> Cebu Province		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 5 years
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input checked="" type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b> i) To review and examine of the existing ISF programs for the effective implementation of the new ISF concept programs ii) To facilitate the policies of appropriate natural resource access and issuance of appropriate tenure certificates iii) To provide the new incentives of the reforestation for farmers and fishermen		<b>2. Target Beneficiaries</b> Upland farmers, forest occupants, artisanal fishermen and small rural enterprise organization in Cebu Province	
<b>3. Project Description</b> i) To examine the appropriate ISF program ii) To review resource access and land/coastal tenure policies iii) To examine some new ISF concept programs iv) To provide some incentives such as appropriate tenure certificate.		<b>4. Expected Benefits / Outputs</b> i) Reduction of illegal cutting of trees at ISF site ii) Protection of the conservation area iii) Effective and efficient provision of natural resource access instruments to qualified beneficiaries	
<b>5. Important Assumptions / Conditions for the Project</b> It is important to recognize that existing ISF programs have suffered from various institutional obstacles. So, time has come to reexamine existing ISF programs. If it is impossible to resolve these problems, these project proposal should be considered as a new program and different from the ISF in the past.		<b>6. Project Linkages / Other Sector Linkages</b> i) Proposed program AG04 ii) CVRP Phase I	
<b>7. Estimated Investment Requirement ( In 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> DENR and LGU	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input type="checkbox"/> International Assistance Funds (Foreign Portion: _____%) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> DENR, LGU and DA	
<b>11. Private Sector Participation</b> NGOs and otehr private organizations identified in action plans and have experience on simirlar implementing projects		<b>12. Environmental Measures</b> <b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input checked="" type="checkbox"/> Others (as specified in Box 16)	
<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envr'l Awareness <input checked="" type="checkbox"/> Others (as specified in Box 16)			

**PROPOSED PROJECT PROFILE**  
for Cebu Integrated Area Development  
Prepared by the JICA Study Team, 1993-1994

(2/2)

Project No. NE-02	Project Title Program for Supporting "Integrated Social Forestry (ISF) Program"	
13. Verifiable indicators / Information / Drawings		
<i>Verifiable Information</i>		
<u>Objectives of the existing ISF programs :</u>		
<div style="border: 1px solid black; padding: 10px;"> <ol style="list-style-type: none"> <li>1) Increase income and economic well-being of occupants and other marginal and sub-marginal upland farmers.</li> <li>2) Provide livelihood or employment opportunities to landless and other segment of the poor;</li> <li>3) Satisfy needs of rural communities for food, fodder, fuelwood, wood construction materials, raw materials for cottage and other rural-based forest industries</li> <li>4) Accelerate reforestation and rehabilitation of open and denuded forest lands.</li> </ol> </div>		
<u>Main Issues of the existing ISF programs :</u>		
<div style="border: 1px solid black; padding: 10px; background-color: #f0f0f0;"> <ol style="list-style-type: none"> <li>1) Existence of tenure-related problems such as encroachment, boundary disputes, conflicting claims, inauthrized land transfer or sale, abandonment and exsistence of tenancy</li> <li>2) Prevalence of negative attitude by some target beneficiaries particularly in the Issuance of the Stewardship Contract (CSC)</li> <li>3) Non-bankability of the CSC</li> <li>4) Presence of management related problems such as lack of tenure of casual employees.</li> <li>5) Implementaion devolved to LGU who do not have the capability to implement</li> </ol> </div>		
<b>14. Project Classification</b>	<b>15. Necessary Inputs/Arrangemnt</b>	<b>16. Special Considerations</b>
Functional Level <input checked="" type="checkbox"/> Island Minimum Project <input type="checkbox"/> Island Basic Project <input type="checkbox"/> Island Strategic Project  Project Orientation <input type="checkbox"/> Regional Economic Drive <input type="checkbox"/> Social Development Drive <input checked="" type="checkbox"/> Environmental Drive	<input type="checkbox"/> National Government Involvement <input type="checkbox"/> Initiatives of Local Government Units <input type="checkbox"/> Institutional Arrangement at Local Level <input type="checkbox"/> Special Financial Building at Local Level <input type="checkbox"/> Special Fund Allocation by Central Govern't <input type="checkbox"/> International Financial Assistance (Grant) <input type="checkbox"/> International Financial Assistance (Loan) <input type="checkbox"/> Private Sector Participation in Funding <input type="checkbox"/> Maximum Utilization of Local Technologies <input type="checkbox"/> International Technical Asssistance <input checked="" type="checkbox"/> Others (as specified in Box)	The project includes environmental measures itself.

**PROPOSED PROJECT PROFILE**  
**for Cebu Integrated Area Development**  
**Prepared by the JICA Study Team, 1993-1994**

(1/2)

<b>Project No.</b> NE03	<b>Project Title</b> "Environmental Monitoring and Pollution Control Center (EMPCC)" Project		<b>Economic Sector</b> Environment
<b>Project Location</b> Metro Cebu Region		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 15 years
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input type="checkbox"/> Development Project <input checked="" type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b> i) Expanding environmental monitoring(ground water, surface water marine water and air pollution) ii) To upgrade environmental monitoring facilities, technical skills of environmental analysis iii) To promote R&D of environmental protection technologies for civil work iv) To promote of people's environmental awareness by effective public relations		<b>2. Target Beneficiaries</b> i) Inhabitants of Cebu province, especially, Metro Cebu Region ii) Technicians related to Environment iii) Local government staff	
<b>3. Project Description</b> i) Strengthening of environmental monitoring (water and air pollution) ii) Legal enforcement of inspection, instruction and/or punishment for delinquent polluter iii) Public relations for promotion of people's environmental awareness iv) Technical training for environmental technologies v) Training for personnel of local government units		<b>4. Expected Benefits / Outputs</b> i) Mitigation of environmental pollution, especially, water and air quality ii) Improvement of technical skill for environmental conservation iii) Improvement of people's environmental awareness	
<b>5. Important Assumptions / Conditions for the Project</b> Success of project rests on the cooperation and heightened awareness of Metro Cebu residents on environmental issues		<b>6. Project Linkages / Other Sector Linkages</b> Proposed NE04 project	
<b>7. Estimated Investment Requirement ( in 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> DENR Region VII	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input type="checkbox"/> International Assistance Funds (Foreign Potion: _____ %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> Department of Public Services, DTI , IPCC, DENR-EMPAS	
<b>11. Private Sector Participation</b> Environmental Quality Council, Private environmental laboratory, Mass Media, Local engineering enterprises		<b>12. Environmental Measures</b> <b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( _____ ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input checked="" type="checkbox"/> Others (as specified in Box 16)	
<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envr'l Awareness <input checked="" type="checkbox"/> Others (as specified in Box 16)			

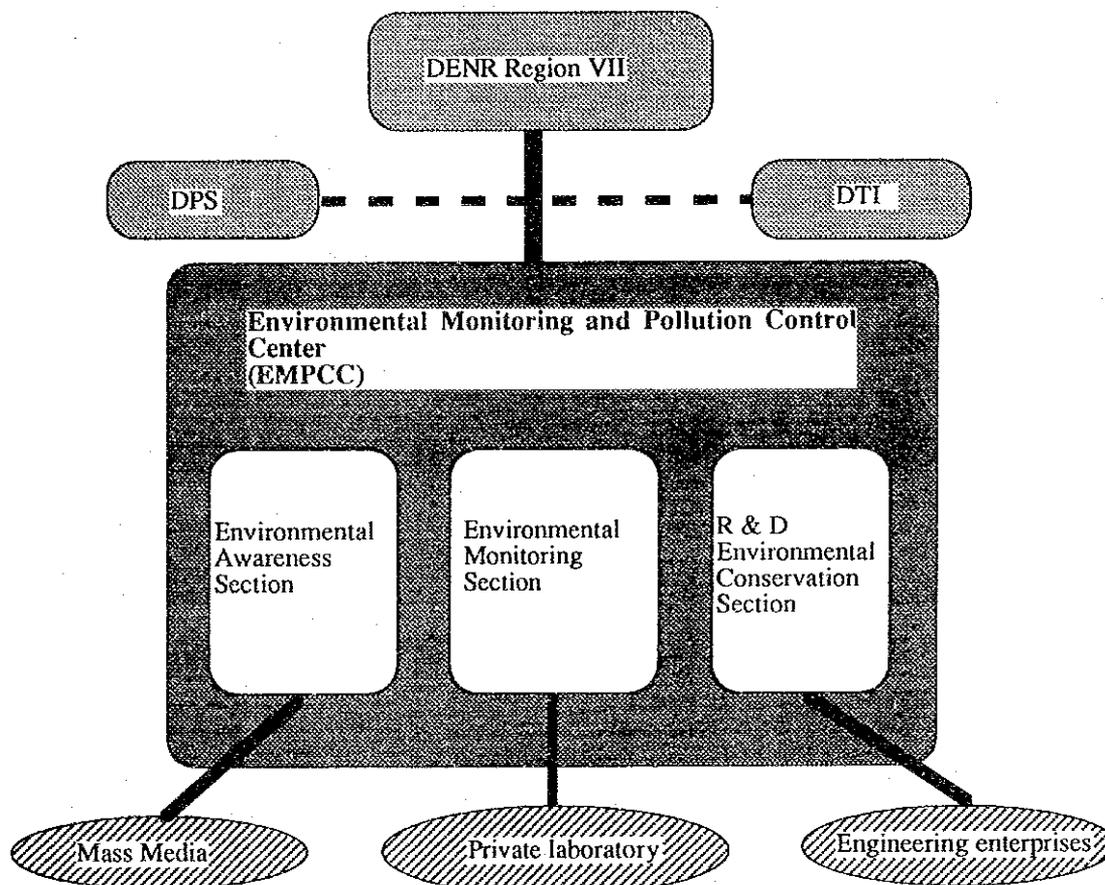
**PROPOSED PROJECT PROFILE**  
for Cebu Integrated Area Development  
Prepared by the JICA Study Team, 1993-1994

(2/2)

<b>Project No.</b> NE03	<b>Project Title</b> "Environmental Monitoring and Pollution Control Center (EMPCC)" Project
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13. Verifiable Indicators / Information / Drawings

***EMPCC Organizational Structure Concept***



14. Project Classification	15. Necessary Inputs/Arrangement	16. Special Considerations
Functional Level <input checked="" type="checkbox"/> Island Minimum Project <input type="checkbox"/> Island Basic Project <input type="checkbox"/> Island Strategic Project  Project Orientation <input type="checkbox"/> Regional Economic Drive <input type="checkbox"/> Social Development Drive <input checked="" type="checkbox"/> Environmental Drive	<input type="checkbox"/> National Government Involvement <input checked="" type="checkbox"/> Initiatives of Local Government Units <input checked="" type="checkbox"/> Institutional Arrangement at Local Level <input type="checkbox"/> Special Financial Building at Local Level <input type="checkbox"/> Special Fund Allocation by Central Govern't <input type="checkbox"/> International Financial Assistance (Grant) <input type="checkbox"/> International Financial Assistance (Loan) <input type="checkbox"/> Private Sector Participation in Funding <input checked="" type="checkbox"/> Maximum Utilization of Local Technologies <input type="checkbox"/> International Technical Assistance <input type="checkbox"/> Others (as specified in Box)	The project includes environmental measures itself.

**PROPOSED PROJECT PROFILE**  
for Cebu Integrated Area Development  
Prepared by the JICA Study Team, 1993-1994

(1/2)

<b>Project No.</b> NE04	<b>Project Title</b> Industrial Toxic Waste Treatment Center (ITWTC) Project		<b>Economic Sector</b> Environment				
<b>Project Location</b> Metro Cebu Region		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 15 years				
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input type="checkbox"/> Development Project <input checked="" type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others							
<b>1. Summary of Objectives</b> i) To promote the legal enforcement of inspection, instruction or punishment for delinquent polluters ii) To demonstrate clean technologies and minimize industrial waste within production process iii) To provide training on industrial waste management concerning environmental line agencies iv) To prepare the industrial toxic waste treatment center in Metro Cebu Region		<b>2. Target Beneficiaries</b> Inhabitants of Metro Cebu Region					
<b>3. Project Description</b> i) To promote and instruct the appropriate industrial waste disposal ii) Establishment of industrial waste treatment facilities and laboratory		<b>4. Expected Benefits / Outputs</b> i) Prevention from the pollution due to toxic waste ii) Mitigation of environmental pollution, especially, water and air					
<b>5. Important Assumptions / Conditions for the Project</b>		<b>6. Project Linkages / Other Sector Linkages</b> i) Proposed NE03 project ii) IPCC projects					
<b>7. Estimated Investment Requirement ( in 1993 prices)</b> For Project Implementation in Total : _____Mill. Pesos 1) _____Mill. Pesos 2) _____Mill. Pesos 3) _____Mill. Pesos For Annual Recurrent Expenditure for O & M: _____Mill. Pesos		<b>8. Implementing Agency/Body</b> DENR Region VII, GTZ(IPCC)					
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input type="checkbox"/> Local Government <input type="checkbox"/> International Assistance Funds (Foreign Portion: _____%) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> Department of Labor and Employment, Department of Health, DTI					
<b>11. Private Sector Participation</b> Environmental Quality Council, University of San Carlos, Water Resource Center		<b>12. Environmental Measures</b>					
<table border="0"> <tr> <td><b>Technical Measures:</b></td> <td><b>Administrative Measures</b></td> </tr> <tr> <td> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies  <input type="checkbox"/> Install Pollution Protection Facilities/Equipment  <input type="checkbox"/> Implement Jointly Environmental Engineering Work  <input type="checkbox"/> Examine the Project Location Site and/or Scale  <input type="checkbox"/> Examine Availability of Alternative Resource Use ( )  <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna  <input type="checkbox"/> Implement Jointly Social and Community Development  <input checked="" type="checkbox"/> Others (as specified in Box 16)               </td> <td> <input type="checkbox"/> Adjust with Land Use Zoning  <input type="checkbox"/> Coordinate with Environmental Sector Guidelines  <input type="checkbox"/> Undertake Periodical Environmental Monitoring  <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle)  <input type="checkbox"/> Train Management Skill/Personnel for the Project  <input type="checkbox"/> Make a Consensus with Inhabitants  <input type="checkbox"/> Promote Public Relation for Env'r'l Awareness  <input checked="" type="checkbox"/> Others (as specified in Box 16)               </td> </tr> </table>				<b>Technical Measures:</b>	<b>Administrative Measures</b>	<input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input checked="" type="checkbox"/> Others (as specified in Box 16)	<input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Env'r'l Awareness <input checked="" type="checkbox"/> Others (as specified in Box 16)
<b>Technical Measures:</b>	<b>Administrative Measures</b>						
<input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input checked="" type="checkbox"/> Others (as specified in Box 16)	<input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Env'r'l Awareness <input checked="" type="checkbox"/> Others (as specified in Box 16)						

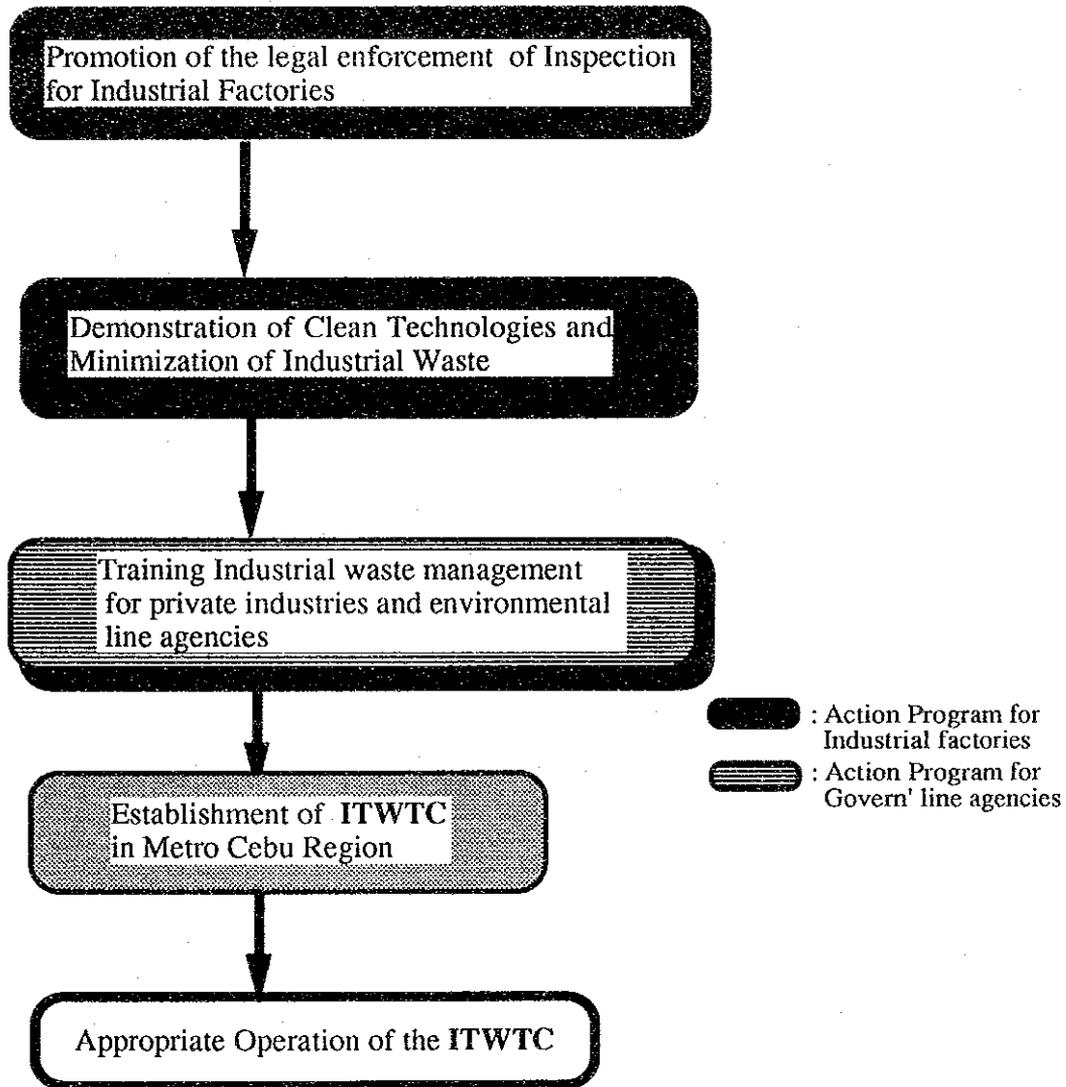
**PROPOSED PROJECT PROFILE**  
for Cebu Integrated Area Development  
Prepared by the JICA Study Team, 1993-1994

(2/2)

Project No. NE04	Project Title Industrial Toxic Waste Treatment Center (ITWTC) Project
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13. Verifiable Indicators / Information / Drawings

***ITWTC Project Overall Step Flow***



14. Project Classification	15. Necessary Inputs/Arrangement	16. Special Considerations
Functional Level <input checked="" type="checkbox"/> Island Minimum Project <input type="checkbox"/> Island Basic Project <input type="checkbox"/> Island Strategic Project  Project Orientation <input type="checkbox"/> Regional Economic Drive <input type="checkbox"/> Social Development Drive <input checked="" type="checkbox"/> Environmental Drive	<input type="checkbox"/> National Government Involvement <input checked="" type="checkbox"/> Initiatives of Local Government Units <input type="checkbox"/> Institutional Arrangement at Local Level <input type="checkbox"/> Special Financial Building at Local Level <input type="checkbox"/> Special Fund Allocation by Central Govern't <input type="checkbox"/> International Financial Assistance (Grant) <input type="checkbox"/> International Financial Assistance (Loan) <input type="checkbox"/> Private Sector Participation in Funding <input checked="" type="checkbox"/> Maximum Utilization of Local Technologies <input type="checkbox"/> International Technical Assistance <input type="checkbox"/> Others (as specified in Box)	The project includes environmental measures itself.

**PROPOSED PROJECT PROFILE**  
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<b>Project No.</b> NE05-1	<b>Project Title</b> MAP UP-DATING FOR CEBU PROV., COVERING THE ENTIRE CEBU PROV. WITH A SCALE OF 1/25,000, FOR NATURAL RESOURCE MANAGEMENT LAND USE PLANNING OF LGUS AND OTHER PLANNING ACTIVITIES		<b>Economic Sector</b>
<b>Project Location</b> Cebu Province		<b>Project Priority</b> <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 3 years
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b>  To provide correct and most up-to-dated map for all planning related agencies.		<b>2. Target Beneficiaries</b>  National and Provincial Benefit as a base line data	
<b>3. Project Description</b>  1) Preparation of New Aerophotography covering entire Cebu Province 2) Ground Control Survey 3) Mapping of 1/25,000 scale with 10 m contour interval		<b>4. Expected Benefits / Outputs</b>  New Maps	
<b>5. Important Assumptions / Conditions for the Project</b>		<b>6. Project Linkages / Other Sector Linkages</b>	
<b>7. Estimated Investment Requirement ( in 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> NAMRIA	
		<b>9. Relevant Agencies to Be Coordinated</b> NEDA	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input type="checkbox"/> Local Government <input type="checkbox"/> International Assistance Funds (Foreign Portion: _____ %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>11. Private Sector Participation</b>	
<b>12. Environmental Measures</b>			
<b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( _____ ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)		<b>Administrative Measures:</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envir'l Awareness <input type="checkbox"/> Others (as specified in Box 16)	

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<b>Project No.</b> NE05-2	<b>Project Title</b> MAPPING FOR URBAN AREAS WITH A SCALE OF 1/1,000 TO 1/25,000, AS A BASIS OF ALL URBAN PROJECTS, AND FOR SUPPORT TO RATIONALIZATION OF REAL PROPERTY TAX ADMINISTRATION		<b>Economic Sector</b>
<b>Project Location</b> Urbanized Area of Metro Cebu and Local cities and area of poblacion		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 3 years
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b>  1) To provide detail large scale top-map to support urban planning, urban land use zoning and utility management in urban area  2) To provide basic data for property tax assessment		<b>2. Target Beneficiaries</b>	
<b>3. Project Description</b>  1) Preparation of New Aerophotography in appropriate scale 2) Ground Control Survey 3) 1/1,000 to 1/2,500 scale mapping		<b>4. Expected Benefits / Outputs</b>  1) Improvement of land use management and control of LGUs 2) Enhancement and improvement of the tax assessment activities 3) Improvement of land use zoning	
<b>5. Important Assumptions / Conditions for the Project</b>		<b>6. Project Linkages / Other Sector Linkages</b>  CARP Land Title Survey	
<b>7. Estimated Investment Requirement ( in 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> LGU	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input type="checkbox"/> Local Government <input type="checkbox"/> International Assistance Funds (Foreign Portion: _____%) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b> NAMRIA, NEDA, DAR	
<b>11. Private Sector Participation</b>		<b>12. Environmental Measures</b>	
<b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)		<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Polluter-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envir'l Awareness <input type="checkbox"/> Others (as specified in Box 16)	

**PROPOSED PROJECT PROFILE**  
**for Cebu Integrated Area Development**  
**Prepared by the JICA Study Team, 1993-1994**

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<b>Project No.</b> NE06	<b>Project Title</b> LAND RESOURCE EVALUATION PROJECT		<b>Economic Sector</b>								
<b>Project Location</b> Cebu Province		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 5 years								
<table border="1"> <tr> <td colspan="2"><b>Type of Project</b></td> </tr> <tr> <td><input type="checkbox"/> F/S Study or Survey</td> <td><input type="checkbox"/> Development Project</td> </tr> <tr> <td><input type="checkbox"/> Packaged Program</td> <td><input type="checkbox"/> Institutional Building</td> </tr> <tr> <td><input type="checkbox"/> Others</td> <td></td> </tr> </table>				<b>Type of Project</b>		<input type="checkbox"/> F/S Study or Survey	<input type="checkbox"/> Development Project	<input type="checkbox"/> Packaged Program	<input type="checkbox"/> Institutional Building	<input type="checkbox"/> Others	
<b>Type of Project</b>											
<input type="checkbox"/> F/S Study or Survey	<input type="checkbox"/> Development Project										
<input type="checkbox"/> Packaged Program	<input type="checkbox"/> Institutional Building										
<input type="checkbox"/> Others											
<b>1. Summary of Objectives</b>		<b>2. Target Beneficiaries</b>									
<p>1) Preparation of new/existing Land Use Map and Land Resource related informations to support and enhance Land Use Planning and resource management activities of LGUs, NEDA and etc.</p> <p>2) To enhance the local capability of basic data acquisition, processing, evaluation, and land use planning by the information technology.</p>		All planning related agencies.									
<b>3. Project Description</b>		<b>4. Expected Benefits / Outputs</b>									
<p>1) Preparation of Existing Land use MAP covering whole Cebu Province</p> <p>2) Collection, compilation and development of Land Resource data</p> <p>3) Establishment of comprehensive land resource data base</p> <p>4) Training for acquisition of technology of data processing, analysis, evaluation and application for land use planning, monitoring and basic resource management.</p> <p>5) Implementation of appropriate hardware and software</p> <p>6) Training of system maintenance and management and data dissemination</p>		<p>1) Improvement and enhancement of local planning capability</p> <p>2) Dissemination of newly developed data and informations to another organization</p>									
<b>5. Important Assumptions / Conditions for the Project</b>		<b>6. Project Linkages / Other Sector Linkages</b>									
		<p>1) DENR Regiona VII</p> <p>2) GIS - Cebu</p> <p>3) Universities</p>									
<b>7. Estimated Investment Requirement ( in 1993 prices)</b>		<b>8. Implementing Agency/Body</b>									
<p>For Project Implementation in Total : _____ Mill. Pesos</p> <p>1) _____ Mill. Pesos</p> <p>2) _____ Mill. Pesos</p> <p>3) _____ Mill. Pesos</p> <p>For Annual Recurrent Expenditure for O &amp; M: _____ Mill. Pesos</p>		DENR, NEDA, RLUC, PLUC									
		<b>9. Relevant Agencies to Be Coordinated</b>									
		NAMRIA, DA									
<b>10. A Provisional Scheme for Fund Procurement</b>		<b>11. Private Sector Participation</b>									
<input type="checkbox"/> Central Government <input type="checkbox"/> Local Government <input type="checkbox"/> International Assistance Funds (Foreign POTION: _____ %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		Universities, NGOs									
<b>12. Environmental Measures</b>											
<b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( _____ ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)		<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envr'l Awareness <input type="checkbox"/> Others (as specified in Box 16)									

# **LOCAL GOVERNMENT FINANCE AND ADMINISTRATION**



## **Local Government Finance and Administration**

### *Short- and Medium-Term Projects and Programs (Up to 2005)*

\*LG01: Cebu Assessment and Treasury Information Mega-link Project, (linked with NE05 and NE06)

LG02: "Local Government Academy" Development Project

**PROPOSED PROJECT PROFILE**  
**for Cebu Integrated Area Development**  
 Prepared by the JICA Study Team, 1993-1994

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<b>Project No.</b> LG01	<b>Project Title</b> Cebu Assessment and Treasury Information Mega-link Project		<b>Economic Sector</b>
<b>Project Location</b> Cebu		<b>Project Priority</b> <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b> 3 years
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input checked="" type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b> 1. To improve information & communication system between municipal/provincial treasury & assessment offices & regional office. 2. to establish a close monitoring mechanism on Assessors/Treasurers performance.		<b>2. Target Beneficiaries</b>	
<b>3. Project Description</b> 1. computerization of real property tax & business tax records 2. Establishment of interlinked info & communication system of monitor progress of tax collection efforts.		<b>4. Expected Benefits / Outputs</b> 1. Better public service due to better records management 2. Increased tax collection due to more efficient monitoring	
<b>5. Important Assumptions / Conditions for the Project</b>		<b>6. Project Linkages / Other Sector Linkages</b> NE05: A Data Base and Mapping Project NE06: Land resource Evaluation Project	
<b>7. Estimated Investment Requirement ( in 1993 prices)</b> For Project Implementation in Total : <u>13</u> Mill. Pesos 1) Equipment/supplies <u>10</u> Mill. Pesos 2) Software development <u>2</u> Mill. Pesos 3) Training <u>1</u> Mill. Pesos For Annual Recurrent Expenditure for O & M: <u>1</u> Mill. Pesos		<b>8. Implementing Agency/Body</b> DOF Region 7 & Metro Cebu	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> International Assistance Funds (Foreign Portion: <u>80</u> %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>9. Relevant Agencies to Be Coordinated</b>	
<b>11. Private Sector Participation</b>		<b>12. Environmental Measures</b>	
<b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)		<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envir'l Awareness <input type="checkbox"/> Others (as specified in Box 16)	

**PROPOSED PROJECT PROFILE**  
**for Cebu Integrated Area Development**  
**Prepared by the JICA Study Team, 1993-1994**

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<b>Project No.</b> LG01	<b>Project Title</b> Cebu Assessment and Treasury Information Mega-link Project
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**13. Verifiable Indicators / Information / Drawings**

This is a project aimed at tapping the real property tax potential of Metro Cebu and maximizing tax collections to the utmost.

The present state of records and collection of real property tax is far from ideal. Although efforts have been made to improve records management to enhance collection, the monitoring aspect of the entire RPTA assisted projects financed by the World Bank - USAID.

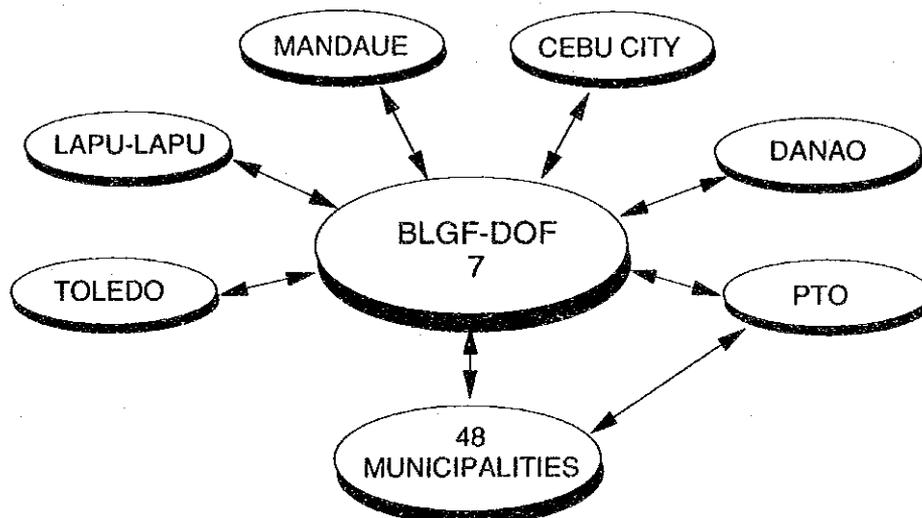
Supposed to have dovetailed the RPTA System installation was the computerization component which would have entailed the entry of fresh data collected from the field into Assessor's records and the transposition of assessments into actual collectibles by the Treasurer's Office. both the regional level in such manner that any change in assessed valuation would be relayed to the Regional Office. Any increase in assessed valuation without the corresponding increase in collection would immediately be spotted by the Regional Project management Office and the attention of the erring treasurer would be immediately called. Likewise, assessors records show the Assessor's laxity and non-performance of this functions.

Lapses in assessment/collection would then be the subject of inquiry and such should be transmitted by means of the fax machines. Any instruction from the Regional Director would then be immediately disseminated to the Municipal level. In the same manner, any query/problem or policy determining matter can be resolved in no time at all by use of the fax machine.

This critical phase of the project which would finally have brought the administration of real property tax (and in long-term, business taxes and market/slaughterhouse fees) to ideal or at least acceptable levels was aborted for reasons only our foreign policy-makers know.

Suffice it to say, project impact leaves much to be desired, hence this proposal for the continuance of the project.

The following chart shows the organizational network in the Info Mega link.



14. Project Classification	15. Necessary Inputs/Arrangemnt	16. Special Considerations
<b>Functional Level</b> <input type="checkbox"/> Island Minimum Project <input checked="" type="checkbox"/> Island Basic Project <input type="checkbox"/> Island Strategic Project  <b>Project Orientation</b> <input type="checkbox"/> Regional Economic Drive <input checked="" type="checkbox"/> Social Development Drive <input type="checkbox"/> Environmental Drive	<input type="checkbox"/> National Government Involvement <input type="checkbox"/> Initiatives of Local Government Units <input type="checkbox"/> Institutional Arrangement at Local Level <input type="checkbox"/> Special Financial Building at Local Level <input type="checkbox"/> Special Fund Allocation by Central Govern't <input type="checkbox"/> International Financial Assistance (Grant) <input type="checkbox"/> International Financial Assistance (Loan) <input type="checkbox"/> Private Sector Participation in Funding <input type="checkbox"/> Maximum Utilization of Local Technologies <input type="checkbox"/> International Technical Assistance <input type="checkbox"/> Others (as specified in Box)	

**PROPOSED PROJECT PROFILE**  
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**Prepared by the JICA Study Team, 1993-1994**

(1/2)

<b>Project No.</b> LG02	<b>Project Title</b> "Local Government Academy" Development Project		<b>Economic Sector</b>
<b>Project Location</b> Cebu		<b>Project Priority</b> <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> Medium-term <input type="checkbox"/> Long-term	<b>Project Duration</b>
<b>Type of Project</b> <input type="checkbox"/> F/S Study or Survey <input checked="" type="checkbox"/> Development Project <input type="checkbox"/> Packaged Program <input type="checkbox"/> Institutional Building <input type="checkbox"/> Others			
<b>1. Summary of Objectives</b> 1. To conduct training programs for government and non-government development workers to equip them with skills, attitudes, and technologies to undertake development activities. 2. To produce information materials on development oriented subject matters in cooperation with government and non-government organization. 3. To conduct research and policy studies on local administration.		<b>2. Target Beneficiaries</b> Government Officials	
<b>3. Project Description</b> 1. Construction of Local government Academy Center 2. Acquisition of equipment 3. Conduct of training, research and dissemination of information materials		<b>4. Expected Benefits / Outputs</b> • Improvement o quality of civil servants • Better public administration • Better delivery of public services	
<b>5. Important Assumptions / Conditions for the Project</b> 1. Strategic location of Cebu, thus will serve both Visayas and Mindanao areas. 2. government investment in training is large in terms of fund. 3. Local chief executives need continuing orientation on development administration. 4. Continued follow-up activities are required. 5. Systematic and well-designed training programs are required.		<b>6. Project Linkages / Other Sector Linkages</b>	
<b>7. Estimated Investment Requirement ( in 1993 prices)</b> For Project Implementation in Total : _____ Mill. Pesos 1) _____ Mill. Pesos 2) _____ Mill. Pesos 3) _____ Mill. Pesos For Annual Recurrent Expenditure for O & M: _____ Mill. Pesos		<b>8. Implementing Agency/Body</b> RDC	
		<b>9. Relevant Agencies to Be Coordinated</b> NEDA, DILG, DOF, PIDS, Development Academy of the Philippines	
<b>10. A Provisional Scheme for Fund Procurement</b> <input type="checkbox"/> Central Government <input checked="" type="checkbox"/> Local Government <input checked="" type="checkbox"/> International Assistance Funds (Foreign Potion: <u>50</u> %) <input type="checkbox"/> Private Sector Involvement (as specified in Box 11) <input type="checkbox"/> Specially Organized Fund (as specified in Box 16) <input type="checkbox"/> Others		<b>11. Private Sector Participation</b>	
<b>12. Environmental Measures</b> <b>Technical Measures:</b> <input type="checkbox"/> Conduct In-Depth Environmental and Social Impact Studies <input type="checkbox"/> Install Pollution Protection Facilities/Equipment <input type="checkbox"/> Implement Jointly Environmental Engineering Work <input type="checkbox"/> Examine the Project Location Site and/or Scale <input type="checkbox"/> Examine Availability of Alternative Resource Use ( ) <input type="checkbox"/> Undertake Protection Measures for Flora and Fauna <input type="checkbox"/> Implement Jointly Social and Community Development <input type="checkbox"/> Others (as specified in Box 16)			
<b>Administrative Measures</b> <input type="checkbox"/> Adjust with Land Use Zoning <input type="checkbox"/> Coordinate with Environmental Sector Guidelines <input type="checkbox"/> Undertake Periodical Environmental Monitoring <input type="checkbox"/> Apply policy of PPP (Pollutor-Pay-Principle) <input type="checkbox"/> Train Management Skill/Personnel for the Project <input type="checkbox"/> Make a Consensus with Inhabitants <input type="checkbox"/> Promote Public Relation for Envr'l Awareness <input type="checkbox"/> Others (as specified in Box 16)			

**PROPOSED PROJECT PROFILE**  
**for Cebu Integrated Area Development**  
**Prepared by the JICA Study Team, 1993-1994**

(2/2)

<b>Project No.</b> LG02	<b>Project Title</b> "Local Government Academy" Development Project	
13. Verifiable Indicators / Information / Drawings		
<b>14. Project Classification</b>	<b>15. Necessary Inputs/Arrangemnt</b>	<b>16. Special Considerations</b>
Functional Level <input type="checkbox"/> Island Minimum Project <input checked="" type="checkbox"/> Island Basic Project <input type="checkbox"/> Island Strategic Project  Project Orientation <input type="checkbox"/> Regional Economic Drive <input type="checkbox"/> Social Development Drive <input type="checkbox"/> Environmental Drive	<input type="checkbox"/> National Government Involvement <input type="checkbox"/> Initiatives of Local Government Units <input type="checkbox"/> Institutional Arrangement at Local Level <input type="checkbox"/> Special Financial Building at Local Level <input checked="" type="checkbox"/> Special Fund Allocation by Central Govern't <input checked="" type="checkbox"/> International Financial Assistance (Grant) <input type="checkbox"/> International Financial Assistance (Loan) <input type="checkbox"/> Private Sector Participation in Funding <input type="checkbox"/> Maximum Utilization of Local Technologies <input checked="" type="checkbox"/> International Technical Assistance <input type="checkbox"/> Others (as specified in Box)	(This area is currently blank)





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