

Environmental Impact Assessment Framework

World Bank/GEF “China Energy Efficiency Financing Project”

China Minsheng Bank

October, 2009

1. Introduction

The World Bank/GEF China Energy Efficiency Financing II Project (the “Project”) has been designed to scale-up commercial debt financing for energy efficiency (EE) investments throughout China through an EE debt financing mechanism. The IBRD loan will be on-lent by China Minsheng Bank to finance EE sub-project investments in medium and large scale industrial enterprises. The types of energy conservation subprojects to be financed by the IBRD loan include: (a) adoption of energy saving industrial technologies such as more efficient industrial boilers, kilns, and heat exchange systems; (b) recovery and utilization of by-product gas, waste heat and pressure; (c) installation of highly efficient mechanical and electrical equipment, including motors, pumps, heating and ventilation equipments; and (d) industrial system optimization to reduce energy use. Generally speaking these types of sub-projects have either minor or no adverse environmental impacts and provide environmental benefits (reductions in local pollution such as dust and sulfur dioxide emissions or reductions in emissions of greenhouse gases such as carbon dioxide).

The purpose of this environmental assessment (EA) framework document (Framework Document) is to be used to provide guidance to both sub-project sponsors (sub-borrowers) and China Minsheng Bank for the environmental assessment process to be followed in evaluating individual sub-projects to be considered for financial support under the Project. This Framework Document defines the contents, procedures and institutional responsibilities for environmental assessment of the sub-projects. The purpose of the Framework Document is to ensure the environmental assessment to be carried out is in compliance with both Chinese environmental assessment (EA) laws and regulations and in accordance with World Bank EA policies and procedures as specified in the World Bank policy of OP/ BP 4.01 (Environmental Assessment).

The EA procedure covers the following eight aspects of preparation/construction phase and one aspect of implementation phase. Each of the aspects is described below along with the requirements and responsibilities for each aspect.

A. Sub-Project Preparation and Construction Phase

1. Sub-project Review and Categorization
2. Environmental Assessment (EA) Documentation
3. Applicable Environmental Standards
4. Environmental Management System
5. Public Consultation and Disclosure
6. Grievance Mechanism
7. Review and Approval of EA
8. Related Conditions and Responsibilities

B. Implementation Phase

9. Monitoring and Reporting

2. EA Procedures

A. Sub-Project Preparation and Construction Phase

The sub-borrower is responsible for EA document preparation, public consultation, and disclosure. The sub-borrower will discuss the proposed sub-project with appropriate local, provincial or national Chinese environmental authorities and provide them the necessary information they would require to establish the EA documentation requirement. Chinese environmental authorities will screen the sub-project and determine the EA documentation required for the proposed sub-project either as: (a) a full EIA, (b) an EIA Table, or (c) no EIA required.

After the sub-borrower obtains all required Chinese environmental approvals, it will be required to submit to China Minsheng Bank an information package consisting of items outlined in paragraph 1) below (Sub-project Review and Categorization) to demonstrate that the Chinese EA procedures have been followed in strict accordance with Chinese EA regulations. China Minsheng Bank will review this material, if necessary, request additional supplementary information from the sub-borrower. Then China Minsheng Bank would perform an environmental inspection of the project site and if necessary, define any additional actions that may be necessary to insure that the World Bank EA procedures are also followed. Details of these requirements are presented below.

1) Sub-project Review and Categorization

China Minsheng Bank is responsible for project screening. *After receiving official project approvals from the Chinese environmental authorities*, the sub-borrower will submit the following Information Package to China Minsheng Bank:

- Copy of the Feasibility Study
- Documentation from environmental authorities establishing Chinese EA screening decision.
- Copy of the Approved Full Chinese EIA or Approved Chinese EIA Table
- Copy of the sub-project EIA or EIA Table approval letter or “No EIA required” letter from Chinese environmental authorities,
- If a Full Chinese EIA was required, documentation of the public consultation

China Minsheng Bank will then review materials and will exclude from financing any proposed sub-project that includes, or is *linked or connected to any production facility included* in the Exclusion List presented in Annex A.

China Minsheng Bank will then make an *independent evaluation based upon World Bank EA screening policies and assign the sub-project to one of three Categories: Category A, B or C* using the World Bank screening criteria presented in Annex B.

If one or more criteria are considered “High Impact” the sub-project should be *tentatively* assigned Category A.

If one or more criteria are considered “Modest Impact” and *no criteria are considered “High Impact”* the sub-project should be assigned Category B.

If *all* criteria are considered “Minor or No Impact” the sub-project should be considered Category C.

The independent environmental risk evaluation based upon World Bank screening procedures for environmental risk and the Chinese screening decision can result in the possible outcomes as summarized in the Table below:

Chinese EA Screening Decision	World Bank Screening EA Decision		
	Category A	Category B	Category C
Full EIA	X	X	
EIA Table	X	X	
No EIA Requirement		X	X

The most likely outcomes are highlighted in yellow. However, since the Chinese and World Bank screening procedures are independent, it is possible under some circumstances for Chinese screening procedures to yield different outcomes than the World Bank screening approach (e.g. Chinese system may require an EIA Table whereas the World Bank procedures would indicate a Category A EIA would be required etc.). Clearly then there are six possible outcomes as follows:

Category A

- Full Chinese EIA
- Chinese EIA Table

Category B

- Full Chinese EIA
- Category B- Chinese EIA Table
- No Chinese EIA Requirement

Category C

- No Chinese EIA Requirement

For any sub-project that results in a Category A decision, China Minsheng Bank will be required to have the World Bank verify and confirm the Category A rating. China Minsheng Bank should provide the World Bank the Information Package described in paragraph 1) and the completed Environmental Risk Criteria Table (see Annex B). Any

additional information supporting the Category A decision (e.g. field trip reports etc.) which China Minsheng Bank may possess should also be included.

2) Environmental Assessment (EA) Documentation

In all Cases presented below, the sub-borrower is responsible for preparing the required EA documentation.

Category A

Full Chinese EIA

The EIA Report will be prepared in accordance with the Chinese EIA requirements and in accordance with World Bank policy (see Annex C of this Framework).

China Minsheng Bank will review the approved Full Chinese EIA and in those cases where the content of the approved Chinese EIA document differs from the content required for a World Bank Category A project, China Minsheng Bank will require the sub-borrower to prepare a separate EIA Addendum with any supplemental information which may be required by the World Bank EA policy. Normally, this includes an EA Executive Summary and an Environmental Management Plan (EMP). However, there may be additional information not included in the Full Chinese EIA that would be required in the World Bank EIA. The World Bank Addendum (especially the Executive Summary) is to be prepared in both English and Chinese.

Chinese EIA Table

An EIA Report (see Annex C of this Framework) will be required.

To the greatest extent possible, the sub-borrower should utilize the information presented in the approved Chinese EIA Table in the preparation of the World Bank Category A EIA document. China Minsheng Bank will review the two documents to ensure they are consistent in terms of environmental issues, mitigating measures, monitoring requirements and institutional responsibilities for mitigation and monitoring. However, given the nature of the World Bank Category A EIA, it is anticipated that substantially more information would be required, including, but not limited to an Executive Summary and an EMP. The World Bank Category A EIA should be prepared in both English and Chinese.

Category B

Full Chinese EIA

Normally, an EMP (see Annex D) would meet World Bank EA requirements.

To the greatest extent possible, the sub-borrower should utilize the information presented in the approved Full Chinese EIA in the preparation of the World Bank EMP document. China Minsheng Bank will review the two documents to ensure they are consistent in terms of environmental issues, mitigating measures, monitoring requirements and institutional responsibilities for mitigation and monitoring. The first two EMPs should be prepared in both English and Chinese.

Chinese EIA Table

Normally, an EMP (see Annex D) would meet World Bank EA requirements.

To the greatest extent possible, the sub-borrower should utilize the information presented in the approved Chinese EIA Table in the preparation of the World Bank EMP document. China Minsheng Bank will review the two documents to ensure they are consistent in terms of environmental issues, mitigating measures, monitoring requirements and institutional responsibilities for mitigation and monitoring. The EMPs of the first two subprojects to be financed by China Minsheng Bank should be prepared in both English and Chinese.

No Chinese EIA Requirement

China Minsheng Bank should discuss with the World Bank environmental safeguard specialists as to what documentation would be most suitable. It is anticipated the EMP format, as presented in Appendix C, or some simplification of that format, would be suitable for most situations. Again, the EMPs of the first two subprojects to be financed by China Minsheng Bank should be prepared in both English and Chinese.

Category C

No Chinese EIA Requirement

No action is required, and this situation requires no further consideration in this Framework Document.

3) Applicable Environmental Standards

All Category A and Category B sub-projects will require preparation of an EMP, which will require mitigating actions to assure compliance with environmental standards of performance. If both Chinese and World Bank standards are available for a particular mitigating measure, *the stricter of the two standards would apply*. For example, if the environmental issue of concern is “noise” and the World Bank noise standard is stricter than the Chinese standard, it is expected that the mitigating measure selected would be effective in meeting the stricter World Bank standard. The World Bank environmental standards are those of the Pollution Prevention and Abatement Handbook (PPAH including the Environmental, Health and Safety Guidelines, updated in April 30, 2007).

The Mitigation section of the EMP (see Annex D) should include a column to indicate the applicable standard appropriate to the particular mitigating measure: either the

Chinese standard or the World Bank Standard. The World Bank standards may be found in the PPAH which are now in use.

4) Environmental Management System

China Minsheng Bank must evaluate the organizational capacity of the sub-borrower to effectively implement their EMP. Specifically, China Minsheng Bank will assess the capacities, roles, responsibilities and authorities of the institutional units within the sub-borrower organization to effectively perform the mitigation, monitoring, data analysis, and reporting requirements specified in the EMP. Specific personnel, including management representative(s) with clear lines of responsibility and authority should be identified in the evaluation. Lines of communication and authority and linkages to the overall management organization should be described. China Minsheng Bank will also review the appropriateness and effectiveness of the *grievance mechanisms* (see Section 6 below) instituted by the sub-borrower to address any concerns the affected public or communities may have during project implementation.

The evaluation should include a clear indication that sufficient personnel and funds are available from the sub-borrower to perform these functions on an ongoing basis.

To the extent that the sub-borrower organizational capacity is insufficient to adequately implement the requirements of the EMP, China Minsheng Bank must make specific recommendations for organizational arrangements or capacity strengthening measures to assure effective EMP implementation by the sub-borrower. *These recommendations should be specified as a condition of the sub-loan.*

5) Public Consultation and Disclosure

The sub-borrower is responsible for conducting public consultation(s). These responsibilities include: (a) public notification, (b) conducting the consultation and (c) recording the significant findings, conclusions, recommendations and next steps. Details of the documentation required for the public consultation are presented in Annex E.

The purpose of public consultation(s) is (are) to solicit views of groups or individuals who may be affected by the sub-project regarding their environmental concerns. Affected groups or people should identify the environmental issues they believe to be significant. *Any significant issues, established during the public consultation, should be incorporated into both Chinese and World Bank EA documents.*

Public disclosure provides affected groups or individuals the opportunity to examine the final approved EA document so that they can review the mitigating measures agreed upon and the responsibilities for implementing them.

Since Chinese and World Bank consultation and disclosure requirements differ somewhat, requirements for the five cases involving EA documentation are presented below:

Category A

Full Chinese EIA

According to Chinese EIA regulation, one consultation is performed before the Full Chinese EIA document is prepared. The sub-borrower is responsible for conducting the public consultation. World Bank EA policy requires *two* public consultations: the first, to discuss the draft Terms of Reference for the EIA report, and the second to discuss the draft EIA report itself. Therefore, for the sub-project, the sub-borrower will perform two public consultations for the EIA Addendum. The first public consultation would discuss Terms of Reference for the EIA Addendum, and the second consultation would discuss the draft EIA Addendum itself. Documentation for *both* of these consultations should follow the requirements presented in Annex E and be submitted to China Minsheng Bank as part of the sub-project file.

China Minsheng Bank should consult with the World Bank to establish EA documentation and language requirements for disclosure.

Chinese language versions of the EA documentation and the record of the public consultations should be placed at a public location near the project site and on the sub-borrower website.

Chinese EIA Table

According to Chinese EIA regulation, no consultations are required for a Chinese EIA Table. The sub-borrower is responsible for conducting *two* public consultations in accordance with World Bank EA policy: the first, to discuss the draft Terms of Reference for the EIA report, and the second to discuss the draft EIA report itself. Therefore, for the sub-project, the sub-borrower will perform two public consultations for the World Bank EIA document. The first public consultation would discuss Terms of Reference for the EIA document, and the second consultation would discuss the draft EIA document itself. Documentation for *both* of these consultations should follow the requirements presented in Annex E and be submitted to China Minsheng Bank as part of the sub-project file.

China Minsheng Bank should consult with the World Bank to establish EA documentation and language requirements for disclosure.

Chinese language versions of the EA documentation and the record of the public consultations should be placed at a public location near the project site and on the sub-borrower website.

Category B

Full Chinese EIA

According to Chinese EIA regulation, one consultation is required for a Full Chinese EIA. The sub-borrower is responsible for conducting one public consultation in accordance

with World Bank EA policy to discuss the issues to be addressed in the EMP or to discuss the draft EMP itself. Therefore, for the sub-project, China Minsheng Bank will review documentation of the public consultation conducted in the preparation of the Full Chinese EIA to determine if it is consistent with the World Bank requirements presented in Annex E. If the public consultation documentation is satisfactory, there would be no further consultation requirement. However, if China Minsheng Bank determines that the public consultation documentation is not adequate, the sub-borrower will be required to perform at least one public consultation to discuss the environmental issues and the content of the EMP. Documentation for the consultation should follow the requirements presented in Annex E and be submitted to China Minsheng Bank as part of the sub-project file.

Chinese language versions of the World Bank EMP, and the record of the public consultation should be placed at a public location near the project site and on the sub-borrower website.

Chinese EIA Table

According to Chinese EIA regulation, no consultation is required for a Chinese EIA Table. The sub-borrower is responsible for conducting one public consultation in accordance with World Bank EA policy to discuss the issues to be addressed in the EMP or to discuss the draft EMP itself. Therefore, for the sub-project, the sub-borrower will be required to perform at least one public consultation to discuss the environmental issues and the content of the EMP. Documentation for the consultation should follow the requirements presented in Annex E and be submitted to China Minsheng Bank as part of the sub-project file.

Chinese language versions of the World Bank EMP, and the record of the public consultation should be placed at a public location near the project site and on the sub-borrower website.

No Chinese EIA Requirement

Since there are no Chinese EIA requirements, the sub-borrower will be required to conduct one public consultation in accordance with World Bank EA policy to discuss the issues to be addressed in the EMP or to discuss the draft EMP itself. Documentation for the consultation should follow the requirements presented in Annex E and be submitted to China Minsheng Bank as part of the sub-project file.

Chinese language versions of the World Bank EMP, and the record of the public consultation should be placed at a public location near the project site and on the sub-borrower website.

6) Grievance Mechanism

In order to insure that consultation, disclosure, and community engagement continues

throughout the sub-project construction and operation phases, the sub-borrower will, consistent with the risks and adverse impacts of the project, establish a grievance mechanism as part of their environmental management system. This should allow the sub-borrower to receive and facilitate resolution of concerns and grievance about the sub-projects environmental performance raised by the affected communities or individuals. The sub-borrower will inform the affected communities during the public consultation (see Section 5 above) and the mechanisms to ensure any concerns are addressed promptly and transparently.

7) Review and Approval

Sub-project

As indicated above the sub-borrower will submit the Chinese EIA documentation to appropriate Chinese environmental authorities for review and approval. *Only after receiving official approval from the Chinese environmental authorities, will the sub-project be eligible for consideration of a loan from China Minsheng Bank under the Project.*

Connected project

The sub-borrower must also validate that the existing production facility which will be defined as the “connected project” has a valid, approved EA¹ if required by the Chinese environmental authorities and a verification that the existing production facility(ies) is (are) operating with all appropriate environmental approvals, permits, licenses, etc. required by Chinese environmental regulations, and that the existing facility does not have a record or history of environmental liabilities (fines, penalties, legal actions taken or pending etc.). This is only required if the existing production facility was constructed *after* Chinese EA regulations were officially adopted *or* Chinese environmental authorities had a retroactive EA requirement for the facility. This would also involve review of any existing documentation for environmental compliance, such as EA or monitoring reports prepared for and/or by the environmental authorities as the basic means of verification followed by sites inspections when needed and ultimately by audits when considered required.

The single exception to this requirement would be if the proposed sub-project is an official requirement from Chinese environmental authorities as necessary for the sub-borrower to: (a) secure a valid approved EA, approval, permit, license, etc. for the “connected” project, (b) meet Chinese pollution control standards, or (c) eliminate any

¹ The World Bank environmental safeguard policies require an evaluation of any activities which although not directly involved with the World Bank investment may be “linked” to that investment and whose operational performance is dependent upon the World Bank investment. For example, if the World Bank was financing a transmission line extending from an existing power station, the policy would require a verification that the power station was operating with all appropriate environmental approvals, permits, licenses, etc. required by the sub-borrowers’ country.

environmental fees, penalties or legal liabilities (see Annex B, Screening Criteria 1, 2 and 3).

For any World Bank Category A or Category B sub-project, China Minsheng Bank must review the EA documentation and ascertain that the content of the of the World Bank EA documentation (EIA or EMP) is consistent with the content of the Chinese EA documentation (Full Chinese EIA or Chinese EIA Table) in terms of priority environmental issues, proposed mitigating measures, monitoring program, institutional arrangements for environmental management etc.

Category A

In addition to the English language versions of the EA documentation agreed upon with the World Bank as discussed above in Section 2, China Minsheng Bank will also submit the information tabulated below to the World Bank as part of the package for World Bank review and approval (or “No Objection”).

- Disclosure date and location (physical or website address) of the Full Chinese EIA/EIA Addendum or World Bank EIA
- Copy of the EIA approval letter for the “connected project”
- Construction start date for the “connected project”, and
- Documentation that the “connected project” is in compliance with all environmental laws and regulations

China Minsheng Bank will not approve any loan under the Project until it receives approval or “No Objection” from the World Bank.

Category B

For the first two sub-projects, China Minsheng Bank will submit English language versions of the World Bank EMP, the record of the public consultation, to the World Bank for review and approval (or “No Objection”). In addition, China Minsheng Bank should discuss with the World Bank, if there is any additional English language information documentation requirements. For example, English language versions for any or all of the following information may be of interest to the World Bank:

- Disclosure date and location (physical or website address) of the Full Chinese EIA or Chinese EIA Table and World Bank EMP
- Copy of the EIA approval letter for the “connected project”
- Construction start date for the “connected project”, and
- Documentation that the “connected project” is in compliance with all environmental laws and regulations

China Minsheng Bank will not approve the first two loans under the Project until it receives approval or “No Objection” from the World Bank. If after the first two loans, the World Bank is satisfied that China Minsheng Bank is performing EA review procedures as outlined in this Framework in a satisfactory manner, no further World Bank prior approvals will be required for Category B sub-projects. Subsequently, only

China Minsheng Bank approvals of Chinese language EMPs would be required.

8) Related Conditions and Responsibilities

China Minsheng Bank will ensure that an appropriate clause is included in sub-borrower loan agreement obligating the sub-borrower to exercise due diligence in implementing the mitigation, monitoring, and reporting measures specified in the EMP and strictly follow the procedures according to related Chinese laws and regulations in the event of chance finds of culturally significant artifacts or sites

During the investment sub-project tender, it is the responsibility of the sub-borrower to assure that all tender documents and construction contracts include all requirements put forward in the EMP (Category A and Category B). During sub-project implementation, China Minsheng Bank has the right to check tender documents and construction contracts to verify this condition has been satisfied. Contractor agreement to satisfy these conditions should be one prerequisite for a contractor to win the bid.

B. Implementation Phase

The sub-borrower is responsible for insuring that all the requirements of the World Bank EMP are properly implemented.

9) Monitoring and Reporting

China Minsheng Bank

During the normal sub-project supervision activities, China Minsheng Bank will check with local environmental authorities to determine if the sub-project implementation is meeting all specified EMP requirements. China Minsheng Bank should make supervision visits to sub-project sites confirming that the EMPs are being faithfully implemented. A supervision report covering environmental management should be included in the overall site visit report.

China Minsheng Bank should require each sub-borrower to include, as part of their normal reporting, a section on environmental performance with respect to the sub-project investment, including any critical mitigating actions taken and any significant environmental incidents. However, if during a site visit, China Minsheng Bank determines that environmental management procedures are not being followed adequately, China Minsheng Bank should request more frequent reporting (semi-annually or quarterly) until the sub-borrower demonstrates the situation has been corrected.

China Minsheng Bank will include an environmental section in any report prepared for the World Bank. As appropriate, the Section will discuss details of any environmental issues that occurred during the reporting period and the actions taken by China Minsheng Bank and/or any of their sub-borrowers to resolve them.

Sub-borrower

The sub-borrower should carefully document monitoring results in accordance with the Monitoring Plan included in the EMP and identify any necessary corrective or preventive actions taken during the monitoring period, as well as the results/outcome of similar actions that may have been taken in the previous reporting period.

3. Institutional Arrangements

The Project will be administered by the Trade and Finance Department of China Minsheng Bank. Within this Department, the Credit Assessment Unit is responsible for risk management and will be assigned the responsibility for properly implementing this Framework. China Minsheng Bank will designate staff to manage environmental risk and assure that procedures specified in the Framework Document are properly followed during implementation. In addition, China Minsheng Bank will contract with qualified Chinese environmental consultants for supporting the risk management staff for any technical reviews or any other activities that are their responsibility. World Bank safeguard specialists will provide training to perform the tasks required under this Framework in the identification and management of environmental risk in project evaluation and implementation.

Annex A: Exclusion List

- Production or trade in any product or activity deemed illegal under host country laws or regulations or international conventions and agreements, or subject to international bans, such as pharmaceuticals, pesticides/herbicides, ozone depleting substances, polychlorinated biphenyls (PCBs), wildlife or products regulated under CITES
- Production or trade in weapons or munitions
- Gambling, casinos, and equivalent enterprises
- Production or trade in radioactive materials (this does not apply to the purchase of medical equipment, quality control (measurement) equipment and any equipment where the World Bank considers the radioactive source to be trivial and/or adequately shielded).
- Production or trade in unbounded asbestos fibers. This does not apply to purchase and use of bonded asbestos cement sheeting where the asbestos content is less than 20%.
- Drift net fishing in the marine environment using nets in excess of 2.5 km in length
- Production or activities involving harmful or exploitive forms of forced labor/harmful child labor

Annex B: Environmental Risk Criteria

	CRITERIA	Minor or No Impact	Modest Impact	High Impact	Comment
1	<p>Does the existing enterprise have a valid operating permit, licenses, approvals etc.?</p> <p><i>If not, will the investment be used to correct this condition?</i></p>				
2	<p>Does the existing enterprise meet all Chinese environmental regulations regarding air, water and solid waste management?</p> <p><i>If not, will the investment be used to correct this condition?</i></p>				
3	<p>Does the existing enterprise have any significant outstanding environmental fees, fines or penalties or any other environmental liabilities (e.g. pending legal proceedings involving environmental issues etc.)</p> <p><i>If so, will the investment be used to correct this condition?</i></p>				
4	<p>Have there been any complaints raised by local affected groups or NGOs regarding conditions at the facility?</p> <p><i>If so, will the investment be used to remedy these complaints?</i></p>				
5	<p>Will the sub-project generate water effluents that:</p> <ul style="list-style-type: none"> • violate Chinese effluent standards • result in a long term violation of Chinese water quality standards • contaminate public drinking water supply • contaminate underground water resources • harm fish or aquatic ecosystems • contaminate a natural habitat or protected area • are difficult, expensive, or hard to control • are inconsistent with EHS Guidelines or recommendations 				

	<ul style="list-style-type: none"> alter downstream river basin characteristics? 				
6	<p>Will the sub-project generate air emissions that:</p> <ul style="list-style-type: none"> violate Chinese air emission standards result in a long term violation of Chinese air quality standards release pollutants that affect downwind sensitive receptors (hospitals, schools, population centers, sensitive crops etc.) harm sensitive ecosystems (e.g. forests) impact a natural habitat or protected area are difficult, expensive, or hard to control are inconsistent with EHS Guidelines or recommendations 				
7	<p>Will the sub-project generate noise levels that:</p> <ul style="list-style-type: none"> violate Chinese noise standards impact particularly sensitive receptors (natural habitats, hospitals, schools, local population centers) are inconsistent with EHS Guidelines or recommendations 				
8	<p>Will the subproject consume, store, produce or utilize hazardous materials that:</p> <ul style="list-style-type: none"> require special permits or licenses require licensed or trained personnel are outlawed or banned in EU or Western countries are difficult, expensive, or hard to manage are inconsistent with EHS Guidelines or recommendations 				
9	<p>Will the sub-project be located within or close to officially protected areas or areas under consideration by the Government for official protection status?</p>				
10	<p>Will the sub-project potentially impact areas of known local, regional or national cultural heritage significance? (During the public consultation, the local population should be asked to provide information about any sites or structures</p>				

	which are not on any official list, but which they consider to be of significance and which they think should be protected)				
11	Has the local population or any NGOs expressed concern about or opposition to the sub-projects' environmental aspects				

Annex C: Content of an Environmental Assessment Report for a Category A Project

1. An environmental assessment (EA) report for a Category A project focuses on the significant environmental issues of a project. The report's scope and level of detail should be commensurate with the project's potential impacts. The report submitted to the Bank is prepared in English, French, or Spanish, and the executive summary in English.
2. The EA report should include the following items (not necessarily in the order shown):
 - (a) *Executive summary*. Concisely discusses significant findings and recommended actions.
 - (b) *Policy, legal, and administrative framework*. Discusses the policy, legal, and administrative framework within which the EA is carried out. Explains the environmental requirements of any cofinanciers. Identifies relevant international environmental agreements to which the country is a party.
 - (c) *Project description*. Concisely describes the proposed project and its geographic, ecological, social, and temporal context, including any offsite investments that may be required (e.g., dedicated pipelines, access roads, power plants, water supply, housing, and raw material and product storage facilities). Indicates the need for any resettlement plan or indigenous peoples development plan). Normally includes a map showing the project site and the project's area of influence.
 - (d) *Baseline data*. Assesses the dimensions of the study area and describes relevant physical, biological, and socioeconomic conditions, including any changes anticipated before the project commences. Also takes into account current and proposed development activities within the project area but not directly connected to the project. Data should be relevant to decisions about project location, design, operation, or mitigatory measures. The section indicates the accuracy, reliability, and sources of the data.
 - (e) *Environmental impacts*. Predicts and assesses the project's likely positive and negative impacts, in quantitative terms to the extent possible. Identifies mitigation measures and any residual negative impacts that cannot be mitigated. Explores opportunities for environmental enhancement. Identifies and estimates the extent and quality of available data, key data gaps, and uncertainties associated with predictions, and specifies topics that do not require further attention.
 - (f) *Analysis of alternatives*. Systematically compares feasible alternatives to the proposed project site, technology, design, and operation--including the "without project" situation--in terms of their potential environmental impacts; the feasibility of mitigating these impacts; their capital and recurrent costs; their suitability under local conditions; and their institutional, training, and monitoring requirements. For each of the alternatives, quantifies the environmental impacts to the extent possible, and attaches economic values where feasible. States the basis for selecting the particular project design proposed and justifies recommended emission levels and approaches to pollution prevention and abatement.
 - (g) *Environmental management plan (EMP)*. Covers mitigation measures, monitoring, and institutional strengthening; see outline in [OP 4.01, Annex C](#) or Annex D.
 - (h) *Appendixes*
 - (i) List of EA report preparers--individuals and organizations.
 - (ii) References--written materials both published and unpublished, used in study preparation.
 - (iii) Record of interagency and consultation meetings, including consultations for obtaining the informed views of the affected people and local nongovernmental organizations (NGOs). The record specifies any means other than consultations (e.g., surveys) that were used to obtain the views of affected groups and local NGOs.
 - (iv) Tables presenting the relevant data referred to or summarized in the main text.
 - (v) List of associated reports (e.g., resettlement plan).

Annex D: Environmental Management Plan Format

Sub-Project Description

Present a brief description of the Sub-project. Include the nature of the investment, the location, and any characteristics of the area that are of particular interest, e.g. near a protected area, area of cultural, historical, religious interest etc. Also, very briefly describe the general land use characteristics (farming, small industry etc.), and the location(s) of the nearest population centers. Provide a brief summary of the major Sub-project related environmental issues, how will they be managed, who will manage them and what, if any, are the environmental risks.

MITIGATION PLAN

Phase	Issue	Mitigating Measure	Applicable Standard		Cost of Mitigation (If Substantial)	Responsibility*	Start Date	End Date
			Chinese	World Bank/IFC				
Construction	• • • •						• • • •	• • • •
Operation	• • • •						• • • •	• • • •

* Items indicated to be the responsibility of the contractor should be specified in the bid documents

MONITORING PLAN

Phase	What <i>parameter is to be monitored?</i>	Where <i>is the parameter to be monitored?</i>	How <i>is the parameter to be monitored/ type of monitoring equipment?</i>	When <i>is the parameter to be monitored- frequency of measurement or continuous?</i>	Monitoring Cost <i>What is the cost of equipment or contractor charges to perform monitoring</i>	Responsibility	Start Date	End Date
Construct	<ul style="list-style-type: none"> • • • • 						<ul style="list-style-type: none"> • • • • 	<ul style="list-style-type: none"> • • • •
Operate	<ul style="list-style-type: none"> • • • • 						<ul style="list-style-type: none"> • • • • 	<ul style="list-style-type: none"> • • • •

INSTITUTIONAL ARRANGEMENTS

A brief narrative discussion should be prepared to indicate how monitoring data is going to be used to maintain sound environmental performance—who collects the data, who analyzes it, who prepares reports, whom the reports are sent to and how often, what he/she does with the information.

Annex E: CONSULTATION WITH LOCAL NGOs AND PROJECT-AFFECTED GROUPS

Provide documentation of the following:

- Manner in which notification of the consultation was announced: media(s) used, date(s), description or copy of the announcement

- Date(s) consultation(s) was (were) held

- Location(s) consultation(s) was (were) held
- Who was invited
 - Name, Organization or Occupation, Telephone/Fax/e-mail number/address (home and/or office)

- Who attended
 - Name, Organization or Occupation, Telephone/Fax/e-mail number/address (home and/or office)

- Meeting Program/Schedule
 - What is to be presented and by whom

- Summary Meeting Minutes (Comments, Questions and Response by Presenters);
- List of decisions reached, and any actions agreed upon with schedules and deadlines and responsibilities.

wb166643
C:\Users\wb166643\Documents\My Data\Projects\China\China China Minsheng Bank\Project Preparation\Environment Safeguards\Environmental Framework\CHINA Energy Efficiency Env Framework China Minsheng Bank2 October 4 2009.doc
10/5/2009 4:27:00 PM