



Policy Instruments for Chinese Sustainable Future:

Environmental Policy Integration and
Strategic Environmental Assessment
for the Energy and Transport Sectors

An Action under the
European Union's Asia Pro Eco II Programme
Project No. 122184

CHINA-EPI-SEA Paper No. 20_EN

Administrative Culture and Practice Organisational and insitutional set-up report – energy III.3

Xichang Environmental Protection Bureau

Wuppertal Institute, Wuppertal

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Project outline

Policy Instruments for Chinese Sustainable Future focuses on the integration of the environment into transport and energy planning in China, both at the policy level and in terms of concrete measures for the two administrative levels of provinces and municipalities. The implementation of this project will help to build transportation and energy-use systems that are environmentally sound and capable of achieving sustainable development in China. As part of the Asia Pro Eco II Programme the project contributes to the programme's main themes for China: energy savings, improved air quality and reduced emissions of GHGs.

At the heart of this project are two closely related mechanisms that are central to the EU efforts to promote sustainability: Environmental Policy Integration (EPI) and Strategic Environmental Assessment (SEA).

The action targets the inadequate reflection on environmental policy objectives and the weakness of the environment as a cross-sectoral priority and the need for information and knowledge of technical/practical solutions that can lead to immediate improvements in the development of sectoral plans. The 30 months Action consists of four work packages and multiple activities.

For further information please look at:

http://www.epi-in-china.com/project_information/summary.html

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Administrative Culture and Custom

5.1 Energy related Administrative Structure in China

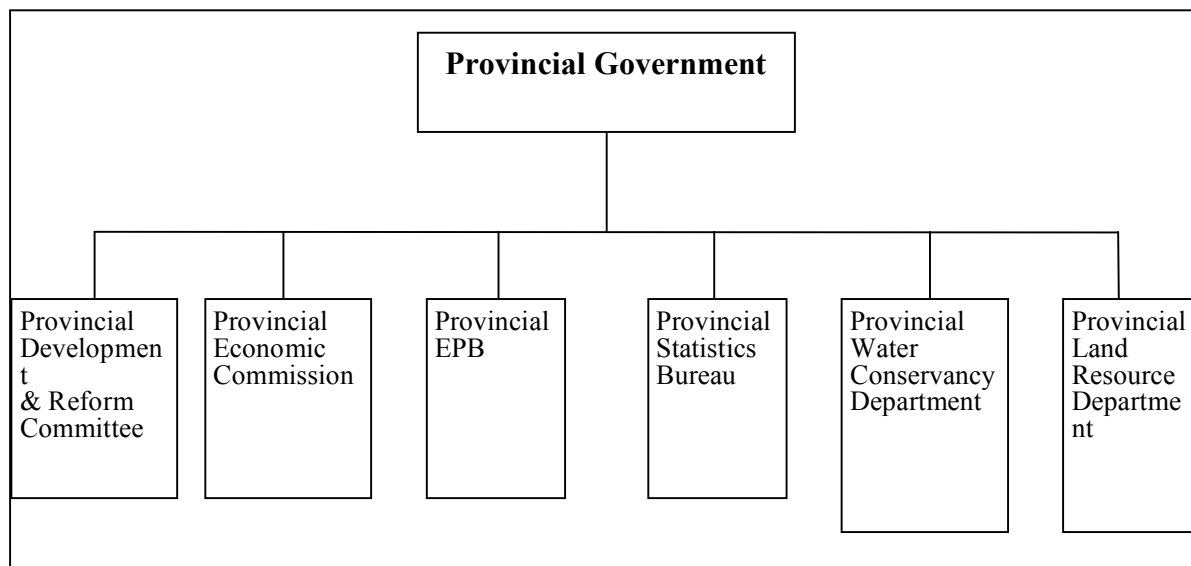
Competent administrative departments for energy and energy policy implementation departments were set up at four levels of people’s government from the central government to governments at county level or district level pursuant to related laws and regulations on the composition of government departments in China.

Chart of China’ s energy administrations at all levels of governments

The Central Government	NDRC
	National Bureau of Statistics of China
	Other departments and industrial associations
People’s government of each province, autonomous region and municipality	Development and Reform Commission
	Economic Commission
	Provincial Bureau of Statistics
	Other departments and industrial associations
People’ s government of all cities and autonomous prefectures	Development and Reform Commission
	Economic Commission
	Bureau of Statistics of cities or autonomous prefectures
	Other departments and industrial associations
People’s government of all counties and districts	Development and Reform Commission
	Economic Bureau
	Statistics Bureau
	Other departments

As shown above, from local governments at county or district level to central government, governments at all levels are subordinate to its superior. The energy administrations and policy implementation departments set at each level are responsible for the people’ s government of same level and provide guidance to the work of its subordinates.

5.1.1 Administrations related to energy in Sichuan Province



5.1.1.1 Responsibilities on energy of Sichuan Development and Reform Commission

Study and make provincial strategies and policies on energy development, make provincial plans for energy development and suggestions on institutional reform; supervise energy development; make overall plans on energy construction and major projects, coordinate efforts to address the crucial issues arising from it, approve and inform other departments concerned of the large-to-medium energy construction projects; study and propose policies and measures on optimizing energy structure, energy conservation and the development of new energy sources.

The responsibilities are carried out by energy divisions affiliated to the commission.

While making provincial energy strategies and policies, the commission will propose a plan for energy development at different stages in light of the macro objective set by the central government and conditions of Sichuan Province (notably economic growth, energy structure and environment carrying capacity) for the reference of provincial people' s government. While making plans, the commission will ask for experts' opinions through engineering consulting services and hold consulting meetings to listen to and seek advice from related energy policy implementation departments to amend and improve plans.

In order to ensure prioritized development and minimize environmental impact, Sichuan Province has put in place environmental impact assessment on plans for hydro projects in river basins. This is a typical case of environmental policy integration, for it has given adequate attention to environmental factors.

5.1.1.2 Responsibilities on energy of Sichuan Economic Commission

Study and solve major problems in balancing corporate development and protection of environment and resources; propose policies on corporate clean production, resource saving and comprehensive use, development of new energy sources and renewable energy and supervising policy implementation; provide guidance on the application of new technologies, techniques, materials and products that save energy; study and interpose policies and measures that encourage comprehensive use of renewable resources and supervise their implementation; give instructions on industrialization of dual power vehicles driven by CNG and fuel.

The above responsibilities are taken by its affiliated energy divisions.

The provincial economic commission provides guidance to the secondary industry according to the energy development plan approved by the provincial people's government and gives feedback to the provincial commission of development and reform through collecting information while carrying out the plan. The energy saving plan now in place is an effort by the economic commission to achieve the goal of saving 20% of energy by 2010 on the level of 2005 performance set by the provincial people's government.

In terms of technical support, the provincial economic commission has set up special environmental protection institutes (Sichuan Provincial Environmental Protection Institution for Metallurgy and Sichuan Provincial Environmental Monitoring Center for Metallurgy).

5.1.1.3 Responsibilities on energy of Provincial Environmental Protection Bureau

Carry out national environmental protection guidelines, policies, laws and regulations, draft local regulations and implementing rules on environmental protection and their implementation and supervision; conduct environmental impact assessment on major economic policies as entrusted by provincial government; carry out laws and regulations on prevention of air, water and soil pollution and implement and supervise their enforcement; supervise resource development activities, major eco construction and rehabilitation work that affect natural environment; supervise the implementation of various environmental standards and pollution discharge standards issued by the state.

The above functions are fulfilled by affiliated divisions including division of EIA, pollution control division, natural and ecological division and division of science, technology and standard.

In terms of technical support, the provincial EPB affiliates Institute for Environmental

Sciences.

5.1.1.4 Responsibilities on energy of Provincial Statistics Bureau (SB):

Statistical analysis and forecast of indicators of energy exploitation, consumption and economic development. Establish an economic information service system to collect, treat, analyze and publicize important economic information. Organize various statistical surveys and major national power survey, collect and analyze the city' s basic statistical data, and analyze the city' s economic development, scientific and technological progresses and social development. Statistical forecast and supervision to provide statistical information and advices to the city' s communist party committee and the city government.

5.1.1.5 Responsibilities on energy of Provincial Water Conservancy Bureau (WCB):

Organize the development and implementation of laws, regulations, guidelines and policies related to water resource management. Compile policies and regulatory documents related to water resource management. Develop water conservancy development strategies, long and medium term plans. Supervise the implementation of annual plans. Manage water conservancy projects by sector; manage and supervise catchment projects and water conservancy projects. Design and manage small hydropower projects.

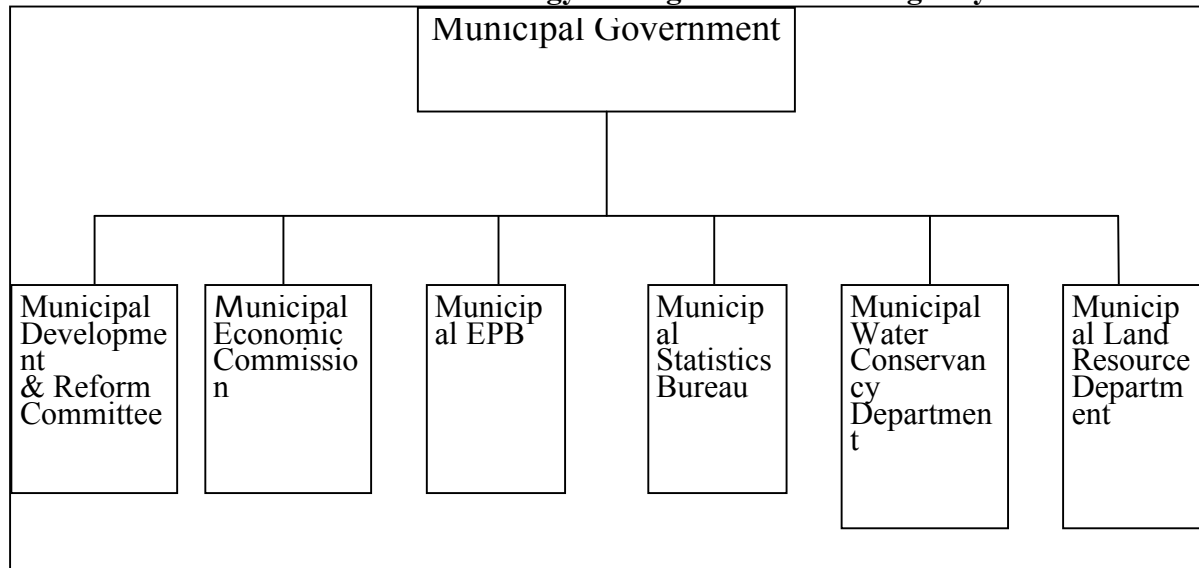
5.1.1.6 Responsibilities on energy of Provincial Bureau of Land Resources

Carry out national guidelines, policies, laws and regulations on mineral resources; draft provincial laws and regulations on the management of mineral resources; study and formulate policies on the plan, management, protection and rational use of mineral resources; implement technical standards, specifications, laws and measures on the management of mineral resources; prepare plans for the protection and rational use of mineral resources, for geological prospect, prevention of geologic disaster and protection of geologic relics.

5.1.1.7 Summary

We can see from above that the competent energy departments are able to consider environmental problems arising from energy development and related measures while drafting energy policies and plans and seek opinions from experts and related agencies. However, the implementing agencies only focus on supervision of policy implementation and do not engage in policy making and planning. Therefore there lack coordination mechanisms to address conflict between energy objectives and other objectives. Integral system and mechanism have not been formed.

5.1.2 Administrative Structure on Energy Management in Xichang City



5.1.2.1 Responsibilities on energy of Xichang City's Development and Reform Bureau:

Draft the city's Economic and Social Development Strategies and organize its implementation. Draft long and medium term plans and annual implementation plans; and suggest goals and policies of the city's economic development and optimization of key economic structures. Analyze and monitor the city's macroeconomic trend, and set up goals, policies and measures for regulating recent economic activities. Coordinate the development of energy plan and SEA. Review major construction projects. Apply for energy projects and funds in concerted efforts with other related agencies, and manage various specific corporation funds.

5.1.2.2 Responsibilities on energy of Xichang City Economic Bureau:

Forecast, monitor and coordinate economic activities in the city-owned corporations. Formulate industrial economic development goals and economic regulation and adjustment plans and organize their implementation. Research industrial economic regulations and give policy recommendations. Coordinate industrial economic activities, and coordinate solving of problems in economic activities and provide opinions and suggestions to the city government. Sector management of the city-owned corporations and supervise the enforcement of sector plans and sector laws and regulations applicable for local areas. Research to decide and foster key

corporations. Coordinate planning and management of industrial bases. Implement national, provincial and prefectural policies for sectors and supervise the implementation. Guide the adjustment of industrial layout. Adjust industrial structures and integrate resources. Sector integration focuses on major sectors. Major product adjustment plan focuses on famous brand establishment strategy. Implement national policies encouraging technological progresses in industries and corporations. Provide services and guidance for technological upgrading in the city' s corporations. Lead investors to follow national industrial policies. Promote industrial enterprises to advance technological innovation and guide the development of new products. Register, report and review technological upgrading and technological introduction projects.

5.1.2.3 Responsibilities on energy of Xichang Environmental Protection Bureau:

review and supervise environmental impact control during processes of energy exploiting, producing and consumption; treatment of environmental accidents; develop environmental protection plan; organizing the determination and supervision of key areas; major water basins' pollution control plan and ecological & environmental protection plan; and organize the development of environmental function zoning plan. Organize EIA processes for the city' s major economic development plans and technological policies; supervise the implementation of EIA process and "three meantimes" policy for construction projects and resource exploitation projects that have significant impacts on the environment. Construction and management of the city' s environmental monitoring network. Environmental statistics and the establishment of environmental information system; organize environmental survey and environmental monitoring; organize the development of the county' s environmental quality report. Administrative check of environmental protection activities in this county; organize the enforcement of environmental protection laws.

5.1.2.4 Responsibilities on energy of Xichang City Statistics Bureau (SB):

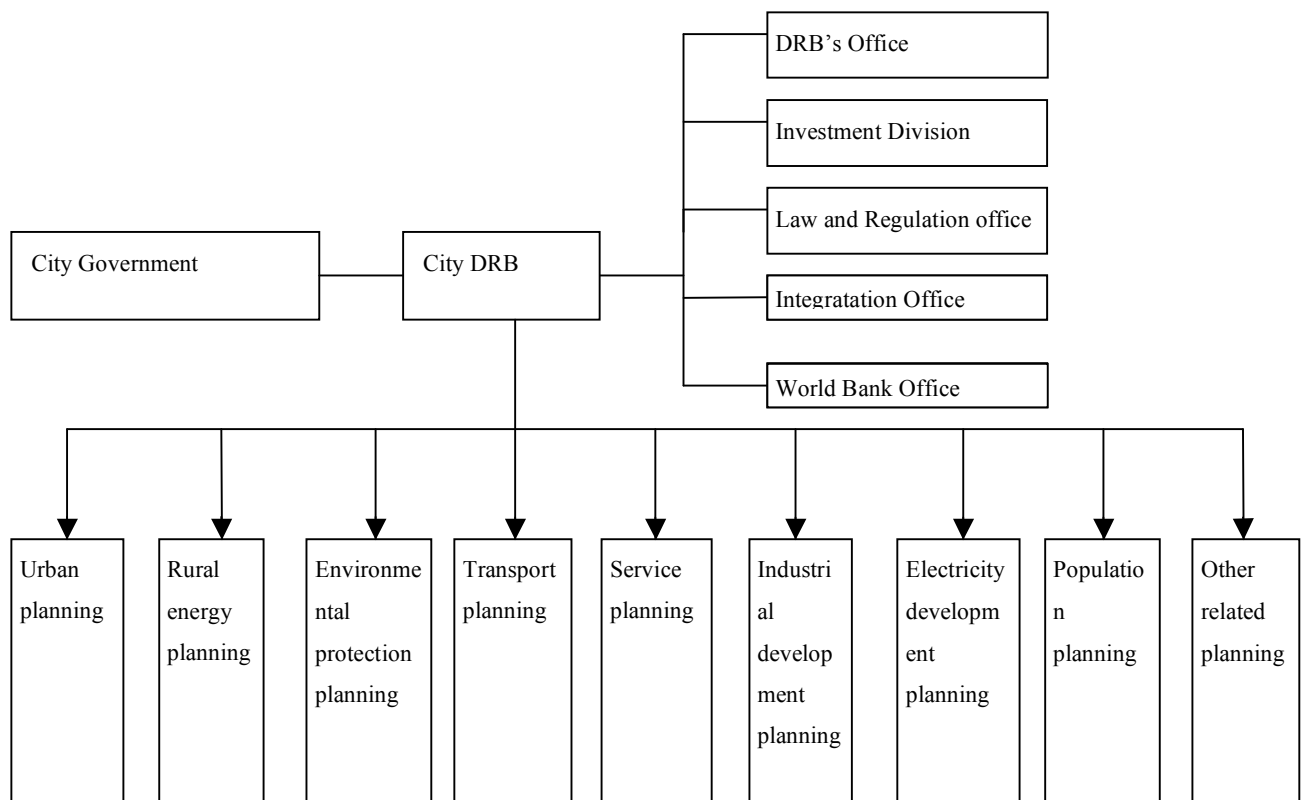
statistical analysis and forecast of indicators of energy exploitation, consumption and economic development. Establish an economic information service system to collect, treat, analyze and publicize important economic information. Organize various statistical surveys and major national power survey, collect and analyze the city' s basic statistical data, and analyze the city' s economic development, scientific and technological progresses and social development. Statistical forecast and supervision

to provide statistical information and advices to the city' s communist party committee and the city government.

5.1.2.5 Responsibilities on energy of Xichang City Water Conservancy Bureau (WCB):

Organize the development and implementation of laws, regulations, guidelines and policies related to water resource management. Compile policies and regulatory documents related to water resource management. Develop water conservancy development strategies, long and medium term plans. Supervise the implementation of annual plans. Manage water conservancy projects by sector; manage and supervise catchment projects and water conservancy projects. Design and manage small hydropower projects.

5.1.3 Structures on Energy Administration (municipal bureau of development and reform) and related departments



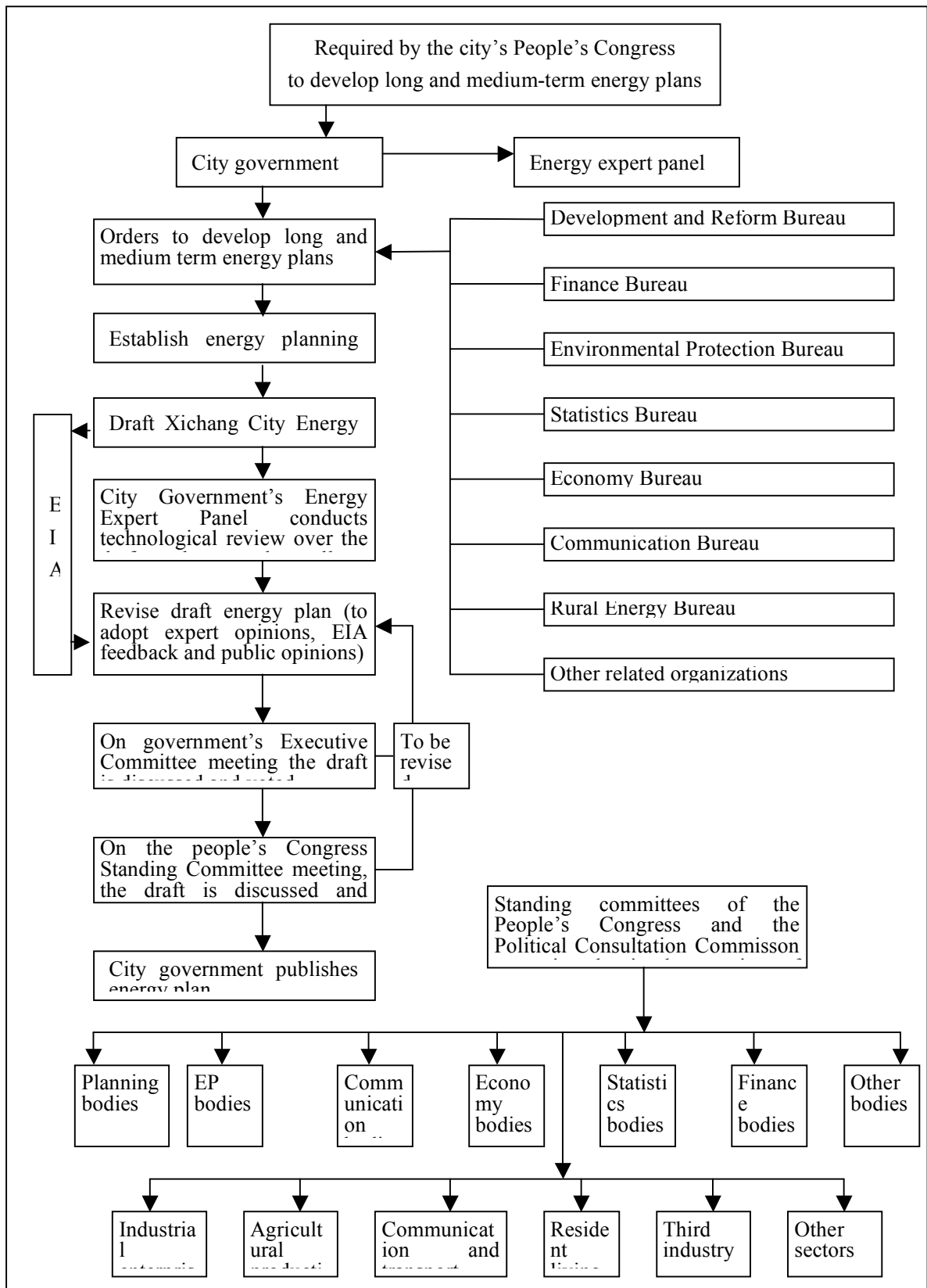
In line with the structure and functions of Xichang municipal bureau of development and reform, the general affairs section is responsible for energy management. The section has two staff whose responsibilities include implementing national laws and

regulations on energy, drafting energy development plans for different periods of development of Xichang, making annual plan of energy use and reporting to government on a regular basis on progress of implementation.

The World Bank Office was set up to facilitate the implementation of World Bank projects. There is only one staff and the function of the office is to cooperate with World Bank to do basic work in Xichang City, supervise project implementation and report project progress to the World Bank regularly.

5.1.4 Development and Implementation of Energy Plans of Xichang City

Flowchart of Energy Policy Decision-making process in Xichang City



5.2 Environmental responsibilities of Environmental Protection Bureau

5.2.1 Environmental responsibilities of Sichuan Provincial Environmental Protection Bureau

5.2.1.1 Environmental responsibilities of Sichuan Provincial Environmental Protection Bureau

a) Carry out national guidelines, policies, laws and regulations on environmental protection, draft local laws and regulations and their implementing rules and organize implementation and inspection; conduct environmental impact assessment on major provincial economic policies as entrusted by the provincial government and draft provincial plans for environmental protection.

b) Implement national laws on the prevention and control of pollution of air, water and soil, noise, radiation, toxic chemicals and vehicles and make inspection.

c) Supervise natural resource development activities, major ecological construction and rehabilitation work that affect natural environment; make inspections of work on nature reserve protection and put forward proposals on application of newly-built national nature reserves and on approval of provincial nature reserves.

d) Provide guidance to solve major environmental problems of all localities, departments within the province as well as trans-regional and cross-river basin environmental problems, deal with environmental supervision, collection of pollution discharge fees and administrative environmental inspections; organize inspection on provincial environmental law enforcement.

e) Supervise and implement various national environmental standards and pollution discharge standards; draft provincial standards for environmental protection and supervise and implement these standards upon approval.

f) Formulate and implement environmental management systems; provide guidance to overall improvement of urban and rural environment and inspect the implementation of provincial target responsibility system for environmental protection.

g) Operate programs on scientific and technological advancement on environmental protection, major scientific research tasks and technology demonstration projects.

- h) Manage environmental monitoring, statistics and information of the province, draft environmental monitoring regulations as well as establish and manage provincial environmental monitoring network and environmental information network.
- i) Coordinate international cooperation and exchanges on environmental protection and implement international conventions within the province, and manage international economic cooperation of provincial environmental protection system.
- j) Responsible for nuclear safety, radiation environment and management of radioactive wastes.

We can see from the above that though the *Law of the People's Republic of China on Environmental Impact Assessment* has been promulgated, supervision of enforcement of strategic EIA has not been put into the functions of provincial EPA. Now in Sichuan Province industrial clusters are required to undergo strategic EIA as an administrative rule, but EIA on other special strategic plans has not been put in place.

5.2.1.2 Role of Sichuan Provincial EPA in the development of provincial energy plans

While making provincial energy policies, the provincial EPA will advise provincial commission of development and reform of such information as energy consumption of major sectors, total pollution discharge thereof, air quality of major areas of the province, state of acid rain and generation and use of solid wastes. EPA will also offer advice from the perspective of environmental protection and sustainable development for the information of provincial party committee and provincial government.

5.2.1.3 Influence of Sichuan Provincial EPA on economic growth

Sichuan Provincial EPA exerts influence on economic growth from the following dimensions:

- a) Set environmental targets and responsibilities for certain districts (cities and prefectures) to ensure the environmental quality meet the standards while the economy grows.
- b) Limit the construction of projects in some special sectors and those with big investment.

- c) Decide whether some resource-intensive, high pollution and energy consumption projects can keep on operation.
- d) Limit the development of enterprises failed to control total emissions.
- e) Encourage low-energy consumption, resource efficient and environment-friendly enterprises to expand production.
- f) Foster the development of key projects favored by national industrial policies.

5.2.2.1 Environmental responsibilities of Xichang Municipal EPA

- a) Carry out national, provincial, prefecture and municipal guidelines, policies, laws & regulations as well as standards for environmental protection, draft local regulations on environmental protection and their implementing rules, make arrangement for the implementation and inspection; work with departments concerned to draft economic and technical polices, policies on resource allocation and industries that are linked to environmental protection, organize environmental impact assessment on major economic policies.
- b) Involve itself in making middle-to-long term plan and annual plan of environmental protection of Xichang City and make arrangement for the implementation. Take part in the development of middle-to-long term plan for municipal economic and social development, annual plan, land development and remediation plan, plan for regional economic development, industrial development and resource saving and use plan; examine overall city planning on the part of environmental protection, manage work related to environmental statistics and environmental information and prepare report on environmental quality.
- c) Supervise and implement national and provincial standards for environmental protection.
- d) See to work on water body and soil protection, manage and supervise pollution control of municipal wastewater, waste gas, waste residue, dust, odor, toxic chemicals, noise, vibration and electromagnetic radiation, supervise and manage pollution projects prohibited or strictly controlled by the state and chemicals under strict control; deal with environmental work related to toxic chemicals and pollution

disputes within its jurisdiction; engaged in handling environmental pollution disputes between pollution sources above prefecture level and companies, institutes or individuals of the city.

e) Supervise and manage work on the protection of natural environment, take part in the development of plans for and zoning of nature reserves and offer advice to municipal government on application of newly-built nature reserves above prefecture level, guide the development of eco agriculture and supervise resource development activities affecting ecology and environment.

f) Focus on the development of the projects supported by national industrial policies.

5.2.2 Environmental Responsibility of Xichang EPB

5.2.2.1 Environmental Responsibility of Xichang EPB

a) Carry out environmental protection guidelines, policies, laws, regulations and standards at national, provincial, prefecture and city levels; draft local environmental protection regulations and rules for detailed implementation, organize the implementation and supervisory inspections; in cooperation with relevant department to develop economic, technological, resource distribution and industrial policies in relation to environmental protection; organize EIA of major economic policies of the city.

b) take part in the development of mid-term, long-term and annual plan for environmental protection of Xichang and organize their implementation; participate in the development of mid-term, long-term and annual plan for economic and social development of Xichang, land development and control plan, regional economic development plan, industrial development plan as well as the plan for saving & comprehensive use of resources; review the chapter and contents on environmental protection in the urban master plan; administrate environmental statistics and information work across the city; organize the development of environment quality report and submit to upper authority.

c) supervise the enforcement of various environmental standards at national and provincial levels.

d) take charge of environmental protection work of waters and land of the city, take charge of supervision and management of the prevention and control of such

pollutants as waste water, waste gases, solid waste, dust, foul smell, toxic chemicals, noise & vibration, and electromagnetic radiation in the city; supervise the implementation of the construction projects banned (or under strict control) by the State with pollution and the manage those chemicals under priority control; take charge environmental management of toxic chemicals in the city; handle the pollution disputes within the jurisdiction; take part in the handling of environmental pollution disputes between pollution sources of enterprises under the administration of prefecture level or higher and the enterprises, institutions or individuals in Xichang.

e) take charge the management of nature conservation across the city, take part in the zoning and planning of nature reserve in Xichang, put forward recommendations to municipal government on the establishment of new nature reserves at prefecture level or above, guide the development of eco agriculture; supervise the resource development activities with impacts on eco environment.

f) organize the notification and registration of pollution emissions of the enterprises under the administration of municipal government and granting emission license, take charge the implementation of environmental management systems such as collection of emission fees, environmental impact statement, “three synchronizations” for construction projects, concentrated control of pollution and pollution treatment within given period of time within its jurisdiction; review & approve EIS (Form) of development projects, technical reform projects and regional development projects within its jurisdiction; take charge of the implementation of environmental project target responsibility system and undertake quantitative examination of comprehensive environmental control of Xichang City.

g) implement national policy on environmental protection technology, develop environmental protection industry, promote the development of new environmental technologies and products.

h) organize environmental monitoring of the city, master & control environmental quality and development trend, put forward countermeasures for improvement; organize and guide environmental monitoring network of Xichang City.

i) take charge of the supervision & inspection on the operation of pollution treatment facilities, progress of pollution treatment of the enterprises required to finish pollution control in a given period of time, control of emission concentration and total emissions, investigate pollution accidents of polluting enterprises under the

jurisdiction of the municipal government.

j) supervise and administrate radiation environment and radioactive waste, develop emergency response program for radiation pollution accidents across the city.

k) carry out publicity & education activities on environmental protection in the city, popularize environmental protection laws & regulations and environmental knowledge; help publicity & education department to carry out environmental education and publicity activities, conduct international cooperation and exchanges on environmental protection.

5.2.2.2 Role of Xichang EPB in the Development of Urban Energy Plan

Xichang EPB plays the following roles in the development and implementation of energy policy for Xichang:

a) actively take part in each activity of “Xichang Energy Steering Group” , taking account of the environmental impacts of energy policies and put forward constructive suggestions when the authority develops plans and administrative regulations.

b) carefully do well the work of each stage for Environmental Impact Assessment of Xichang Energy Plan, and finish strategic EIA for energy plan with flying colors. Report the findings & recommendations of strategic EIA, and expert comments to Xichang Development and Reform Bureau—the competent administrative department on energy policy in time. Facilitate Xichang municipal government adopting the strategic EIA recommendations for energy plan.

c) report to the competent energy administrative department annual air quality, discharge and comprehensive use of solid waste across the city. Put forward recommendations if necessary about appropriate adjustment of energy policy & plan according to changes.

d) support relevant departments (Development and Reform Bureau, Planning and Construction Bureau and National Land Resources Bureau, etc) to strictly control the establishment and development of the enterprises and industries not complying with energy policy & plan, develop a joint-action mechanism which will not approve the development of such enterprises and industries in EIA or land use right, or reject putting it on file or approve them.

- e) strictly control the total emission of enterprises with big energy consumption, facilitate them to improve energy mix, actively use clean energy and reduce energy consumption per unit product.
- f) support relevant departments [energy office, sub-district office, township governments] to vigorously employ clean energy, establish incentive mechanism and integrate relevant investment.

5.2.2.3 Influence of Xichang EPB on Economic Growth

- a) Identify environmental targets and responsibilities, ensure good environmental quality under rapid economic growth.
- b) control the development of some special industries.
- c) decide if some projects that waste resources with high consumption of energy and heavy pollution should continue their production.
- d) limit the development of enterprises that do not control its total emissions.
- e) Encourage the enterprises with low energy consumption, high utilization rate of resources and low pollution to expand their production.
- f) focus on the support to the development of projects encouraged by national industrial policies.

5.3 Coordination among Administrative Departments

In order to give a detailed introduction of the work division and coordination among administrative departments in relation to environmental policies, programs or plans of Xichang, now we present the implementation of the *Plan of Xichang for Meeting Environmental Quality in an All Round Way* approved by Xichang Municipal Government as an example.

5.3.1 Organization

According to the requirements of Sichuan Provincial Government, the ambient air quality, water environment quality and other environment quality of Xichang City

must meet relevant standard by 2000. To this end, Xichang municipal government sets up a leading group headed by the mayor and the vice mayor and leaders of relevant departments as group member, which is in charge of the implementation.

5.3.2 Development of Plan

The unit with relevant technical assessment qualifications develops the *Plan of Xichang for Meeting Environmental Quality in an All Round Way*. During the development process, the administrative department in relation to environmental quality should present detailed objectives and recommendations (e.g. plan for national economic and social development, population control plan, industrial development plan, agricultural and husbandry development plan and financial plan, etc.).

When conducting comprehensive analysis, if there are any conflicts between environmental quality plan and the plan or programs of other industries, they will be reported to the Leading Group for review and development of primary suggestions, which will be reported to Mayor Office for final decision. The final decision of the Mayor Office of Xichang will serve as the main basis for the development of the plan. And the plan, program and objective of each sector shall make corresponding adjustment.

After developing basic framework of the plan, Xichang municipal government will print out and distribute the documents to relevant organizations to solicit their comments and public comments with the help of media (usually, the plan development organization will make topic public investigations). Our practice shows that both the extent and depth of the comments from relevant departments and public are not enough. And the amount of valuable information, comments and suggestions obtained is not much (There are two following reasons: 1) The time for soliciting public opinion and public investigation is short, so there is not enough time to think and analyze relevant issues. 2) The public does not understand many environmental protection laws, regulations, standards and basic knowledge, so it is difficult for them to put forward valuable comments and suggestions).

After the revision based on the comments and suggestions of all social forces, the draft plan is formulated. After receiving the draft plan, Xichang municipal government will organize professionals including environmental expert, urban construction experts and landscape specialists forming an expert technical evaluation group to conduct technical assessment of the plan. Based on technical evaluation comments of experts, the plan development organization will adjust and revise the plan and formulate the final draft for approval.

5.3.3 Approval and Assign Task

According to the requirements of municipal government for rules of procedures, the Leading Group of Xichang on Meeting Environmental Quality Standard in an All Round Way will submit the *Plan of Xichang for Meeting Environmental Quality in an*

All Round Way to the executive meeting the municipal government. After its approval, Xichang municipal government will issue a document to approve its implementation.

According to the written approval by municipal government, Xichang EPB would draft the target document on behalf of the municipal government and distribute it to each relevant department after approval.

Division of the responsibility of meeting environmental quality in an all round way in Xichang City

Plan of Xichang City for Meeting Environmental Quality in an All Way	Leading Group of Xichang on Meeting Environmental Quality Standard in an All Round Way	Responsible Organization	Main Task
		Environmental Protection Bureau	Take charge routine work of the Leading Group
		Development & Reform Bureau	Take charge the development of plan
		Take charge the development of budget and provision of funds	Take charge the development of budget and provision of funds
		Water Resource Bureau	Take charge the control of river water environment
		Planning & Construction Bureau	Administrate the layout of new development projects to ensure that they meet the requirements of function areas
		National Land Resource Bureau	Administrate land resources and ensure new projects complying with land use plan
		Bureau for Medium and Small Sized Enterprises	Urge medium and small sized enterprises to change growth pattern and phase out lag-behind production process and equipment
		Economic Bureau	Carry out each task in relation to the implementation of the plan and supervise the implementation progress of enterprises
		Agricultural Machinery Bureau	Carry out each measure for energy saving and application of clean energy by agricultural machines
Three Administrative Commissions of Industrial Parks & Zones	Supervise & administrate the implementation of energy saving and emission reduction of enterprises		
Statistics Bureau	Regularly collect quantitative		

			examination data and analyze the implementation situation
		Science and Education Bureau	Provide new technologies and ensure the implementation of the plan
		Other relevant organizations	

5.3.4 Implementation, Coordination and Supervision

According to the requirements of the target responsibility document, each organization involving the implementation of the plan shall divide its own task, make implementing program and identify the people who are responsible for the implementation.

During implementation, the Leading Group of Xichang on Meeting Environmental Quality Standard in an All Round Way will hold regular meetings, listen to the progress of relevant organization, identify major existing problems, carry out communications and coordination on the site and present solutions.

Based on the contents of target responsibility document, Xichang Office on Environmental Quality Target will integrate the performance into annual examination on each organization and relevant leaders. Based on the examination results, the authority will reward the good or punish the bad in line with the Interim Measures of Xichang on the Examination of Target Performance.

As the routine institution of the Leading Group of Xichang on Meeting Environmental Quality Standard in an All Round Way, Xichang EPB is in charge of collecting written reports on the implementation of the plan, handle and coordinate general affairs, summarize the implementation situation and brief to the Leading Group, put forward solutions for decision making of the municipal government and identify the criteria for rewarding those who meet the target and punishing those who fail to meet the target.

5.3.5 Summary

It can be seen from the above cases that Xichang municipal government could, during carrying out environmental policies, integrate all social forces and carry out the plan for improving environmental quality with the help of unique administrative tools in China and provide adequate guarantee in terms of organization, institution and supervision mechanism. However, there still exist the following problems: 1) lack of information communications among the organizations responsible for protecting environmental quality; 2) not enough funds (public financial input); 3) poor optimized integration among relevant departments.