

**“Package” on Industrial Pollution Control in the Case of Experience of Japan**  
**(Establishment of Legal System, Human Resource Development / Institutional Arrangement, and Technology Development / Dissemination)**

HHUMAN RESOURCE DEVELOPMENT & INSTITUTIONAL ARRANGEMENT	ESTABLISHMENT OF LEGAL SYSTMTEM	DEVELOPMENT AND DISSEMINATION OF ENVIRONMENTAL TECHNOLOGY	PRECONDITIONS
<p><b>Local Government</b></p> <div>Establishment of pollution control division in local governments</div> <div>Experience sharing and competition among local government</div> <p><b>Police</b></p> <div>Development of institutional framework for arresting polluting companies/factories</div> <p><b>Industry</b></p> <div>Institutional arrangement and human resource development for pollution control and energy saving in factories</div> <div>Correspondence learning or training program for employees to be certified as Pollution Control manager (PCM)</div> <div>Payment of qualification allowance</div> <p><b>Public</b></p> <div>Recognition of the problems and increase of awareness of public (including top of local government and private companies) through pollution report by mass media</div>	<p><b>National Government</b></p> <div>Establishment of the environment standard</div> <div>Establishment of the effluent standard and implementation of total volume control</div> <div>Transfer of operation and authority for implementation of pollution control to local governments</div> <div>Establishment of permitting and notification system for factories and business offices</div> <div>Promotion of relocation of factories to the industrial parks equipped with pollution control equipments/facilities</div> <div>Imposing obligations for development of construction of sewage system and connecting with drainage pipe of factories</div> <p><b>Local Government</b></p> <div>Pollution Control Agreement between local governments and factories</div> <div>Establishment of more stringent effluent and emission standards than the national standard</div>	<p><b>National Government</b></p> <div>Financial support for companies (especially, small &amp; medium scale enterprises), for development and application of pollution control technology</div> <div>Long-term and low-interest loan and/or preferential tax for pollution control facilities</div> <div>Imposition of SOx emission charge</div> <div>Pressure for rationalization through unintended tools, such as shift of water supply from underground water, or energy taxation</div> <p><b>Public Testing &amp; Research Institute</b></p> <div>Dissemination of state-of-art technology and good practices</div> <p><b>Environment Service Providers (Engineering companies)</b></p> <div>Import of the foreign technology, and consideration of its application to domestic factories</div> <p><b>Industry</b></p> <div>Symposium or workshop for information sharing among companies</div>	<div>The power for enforcement activities have been transferred to the local governments</div> <div>Governors and assembly members of local governments are elected through support of from voters</div> <div>The local government can secure adequate number of experienced experts in the region</div> <div>Judicial system for lawsuits for pollution victims has been developed</div> <div>People are highly educated (literacy rate is high)</div> <div>Freedom of press is secured</div>