

2. Summary of progress (overall)

2.1. Summary sheet

Summary	<p>Preparation for pilot project implementation was promoted by organizing series of release estimation workshops for 3 sectors; Refining Industry, Chemical/Petrochemical Industry, and Automotive/Auto parts Industry. Total of 6 events were held with over 300 participants from private industrial sector. Also 3rd PRTR seminar was held on July 17th, 2013 at Bangkok.</p> <p>As for point sources, estimation manuals for Refining Industry, and Chemical/Petrochemical Industry, Automobile/Auto parts Industry were prepared in Thai for distribution. For non point source, pilot implementation plan including coverage and estimation approach on various non point sources was prepared. For risk communication, Task Force on Risk Communication Promotion was established with participation from Rayong Province sector and central governmental sector, and 2 meetings were held.</p> <p>Various sub-contract surveys were conducted.</p> <p>JCC meeting was held on July 12th, 2013.</p>
Major Activity	<ul style="list-style-type: none"> ● JCC meeting was held on July 12th, 2013. ● 3rd PRTR seminar was held on July 17th, 2013. ● Series of release estimation workshops were organized. ● Estimation manuals for three industrial sectors were finalized in Thai. ● Pilot implementation plan for non point source was drafted. ● Task Force on Risk Communication Promotion was established and 2 meetings were held. ● Pilot implementation plan for risk communication was drafted.
Major Paper/report prepared	<ul style="list-style-type: none"> ● Estimation manuals for Refining Industry, and Chemical/Petrochemical Industry, Automotive/Auto parts Industry (in Thai) ● Draft pilot implementation plan for non point sources ● Draft pilot implementation plan for risk communication ● Updated pilot project implementation plan and pilot project progress report. ● Progress Report No.5
Plan	<ul style="list-style-type: none"> ● Organize series of training (estimation and reporting) workshops for point sources other than 3 sectors. ● Monitor progress of various subcontracted surveys/studies. ● Collect information for non point source estimation including subcontract of traffic data survey in Rayong. ● Prepare pilot implementation plan and handbook for risk communication

2.2. Organization structure

Diagram in next pages shows organization structure of the project and the relationship with various stakeholders as of September 2013. Separate diagrams were prepared to

show the structure of point source activity as well as non point source activity. Major development in this period was enhanced linkage with organizations in risk communication including various provincial offices in Rayong.

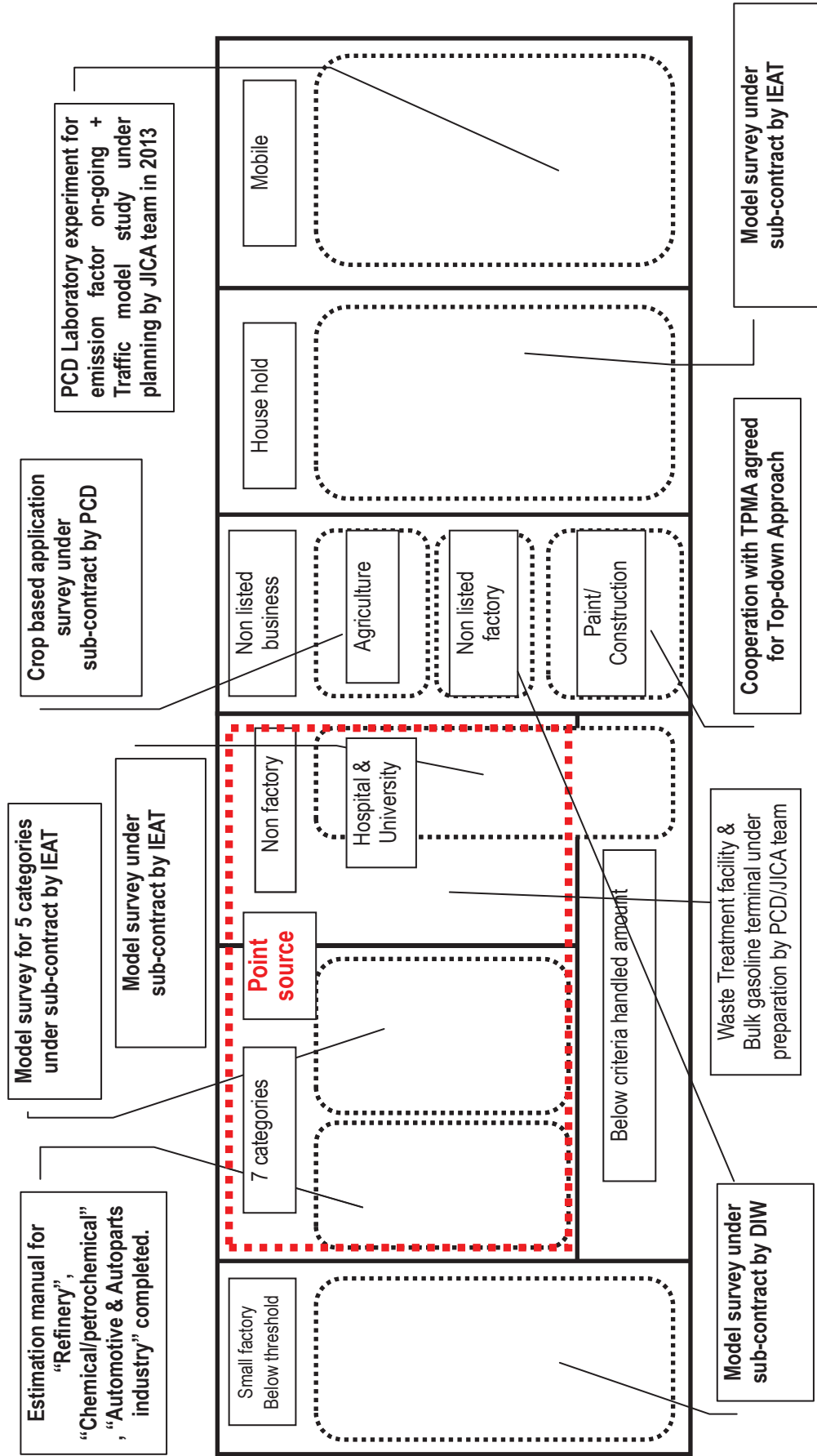
2.3 Revision of PDM (project design matrix)

Mid-term review of the project was implemented in December 2012. At the occasion, the PDM was reviewed thoroughly and revised to adjust the output, activity and verification indicator more practical to the current situation of the project. Revised PDM discussed under Mid-term review of the project in December, 2012 was approved at Joint Coordination Committee meeting held in July, 2013.

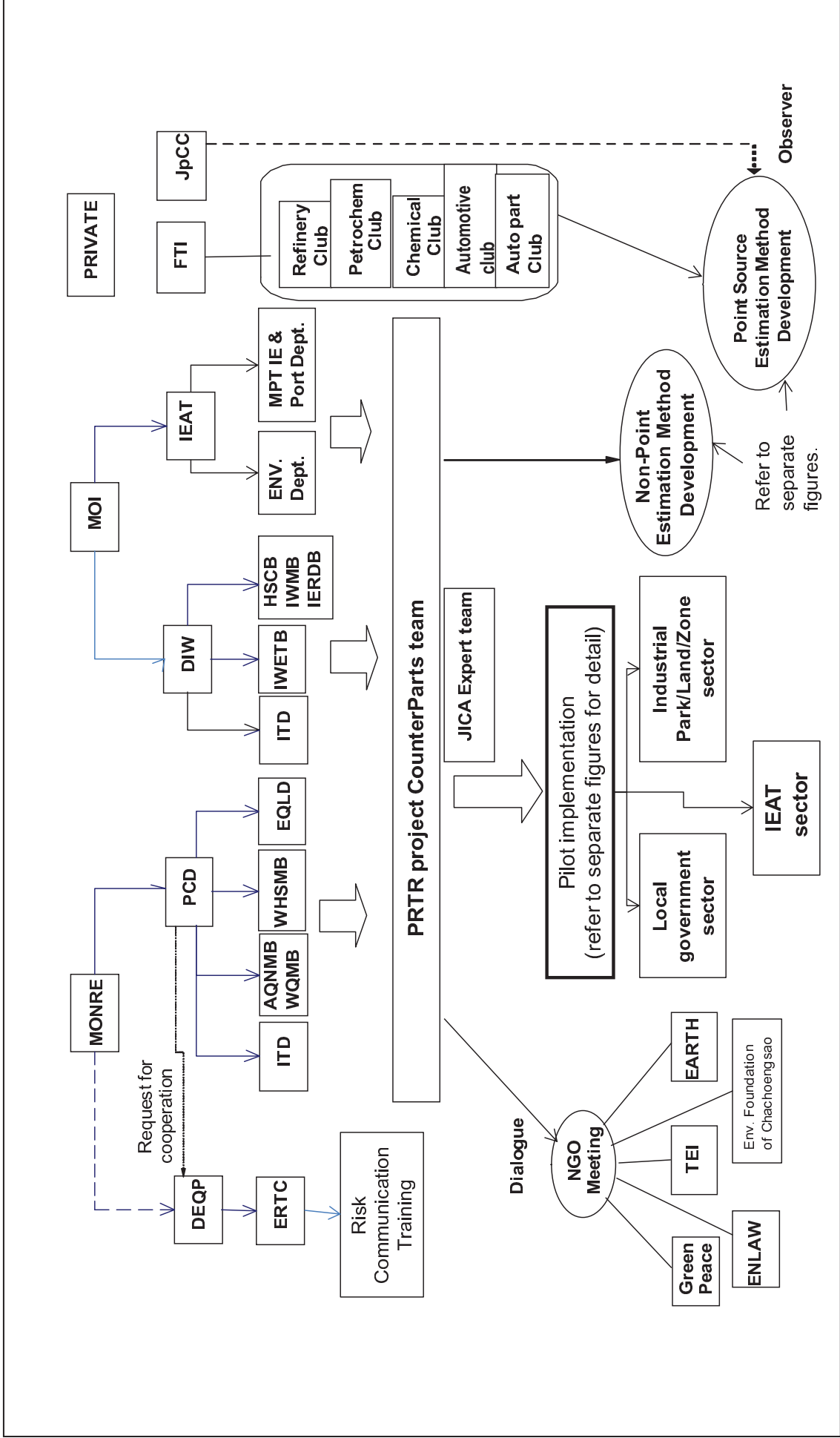
2.4 Major Issues and problem

- Large scale training activity shall be carried out at Rayong while resource is limited. Involvement of local officers, especially from Sub-district and municipal level seems difficult due to shortage of manpower.
- PRTR database and web site development shall be continued under PCD-DIW cooperation.
- Option of data management work shall be further considered in view of limited manpower in the government offices.
- Human resource development on risk communication to be continued at DEQP/ERTC-IET and registration system of such human resources shall be established. Discussion on policy matter for risk communication shall be continued under the Task Force.

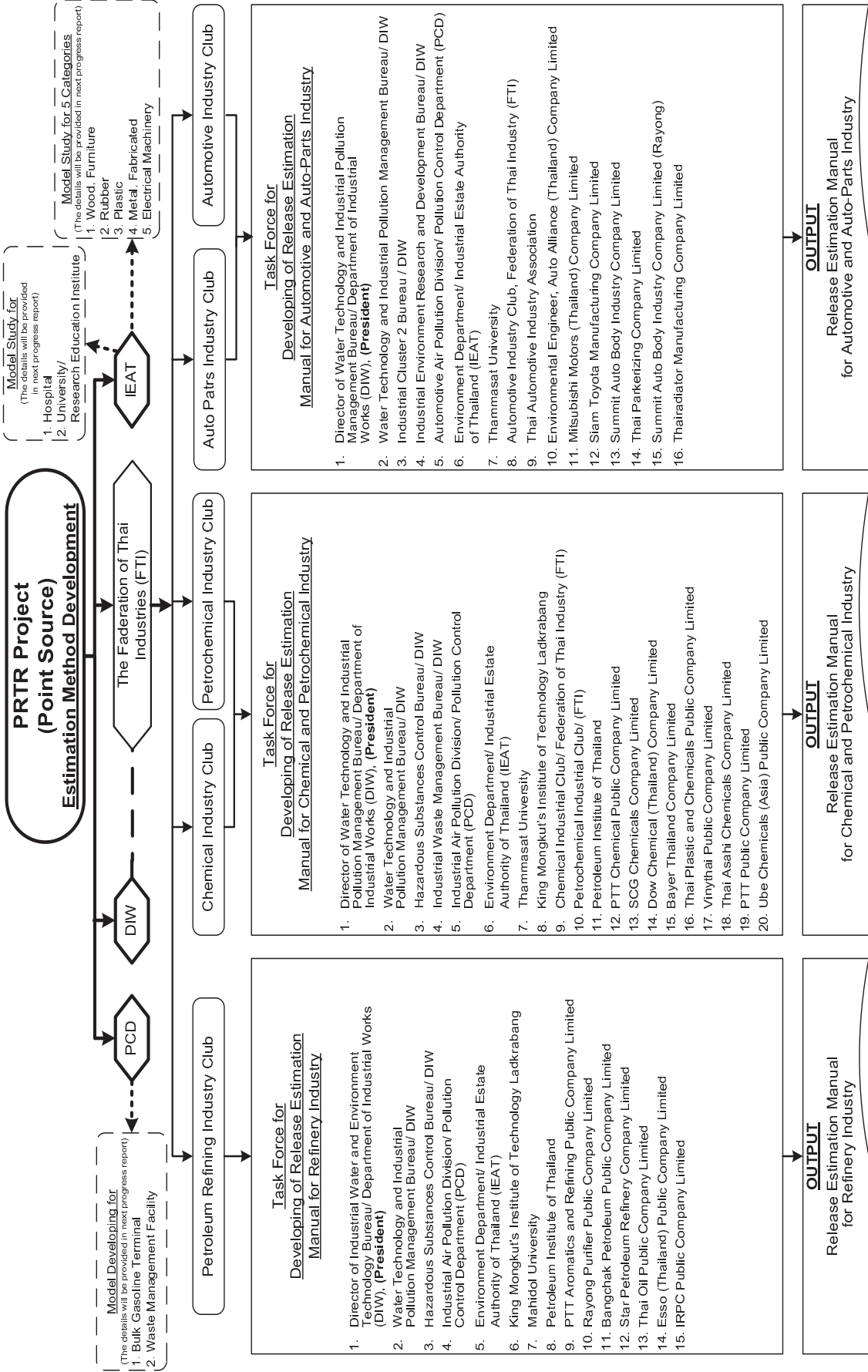
Current situation for point source/ non point source estimation work



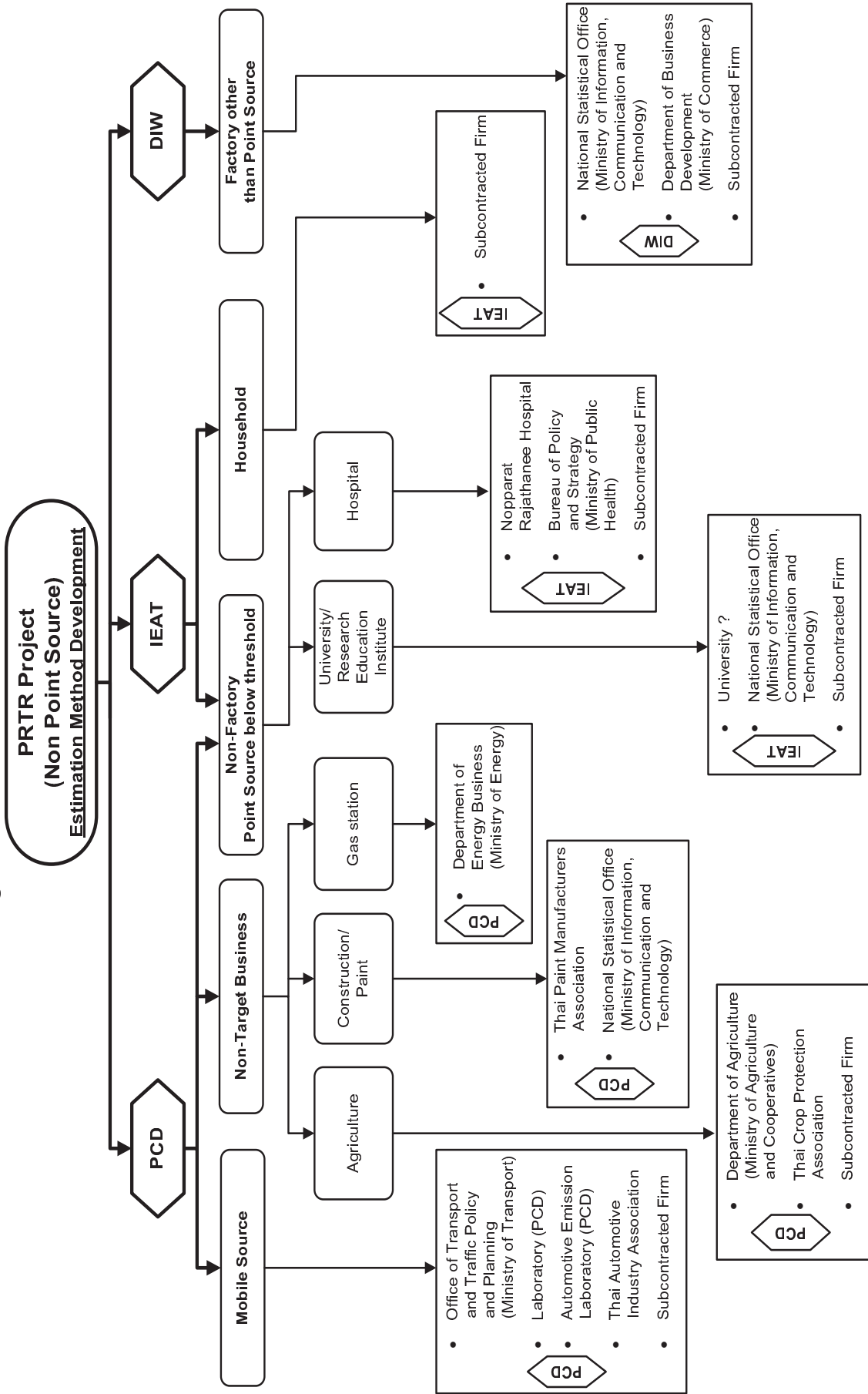
Organization structure of the project and relation with stakeholders



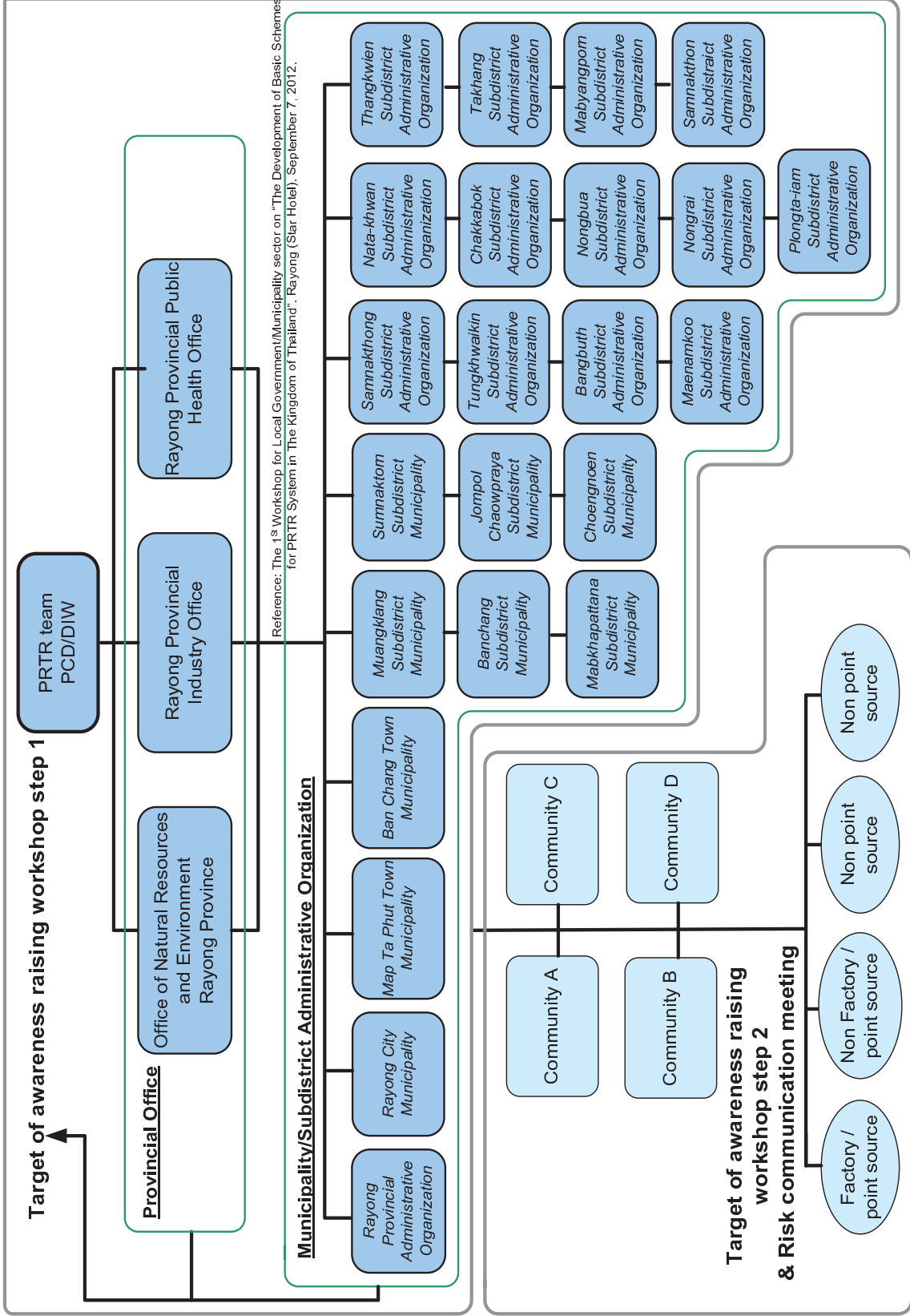
Organization Chart of Point Source



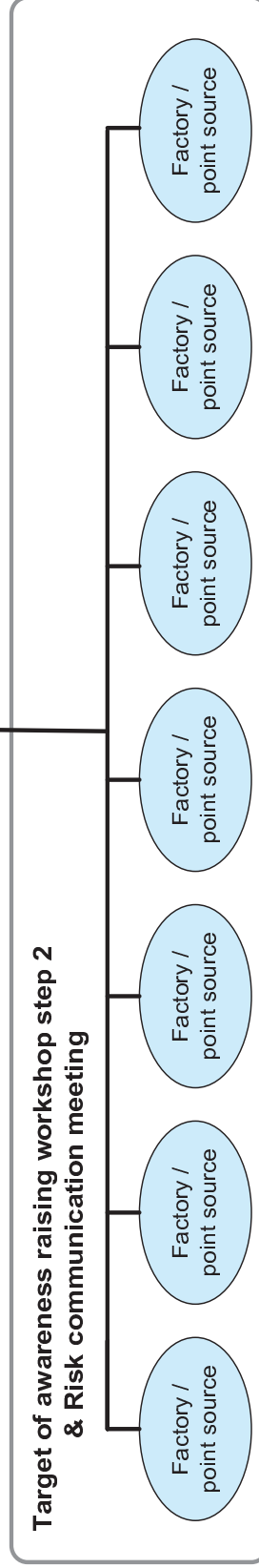
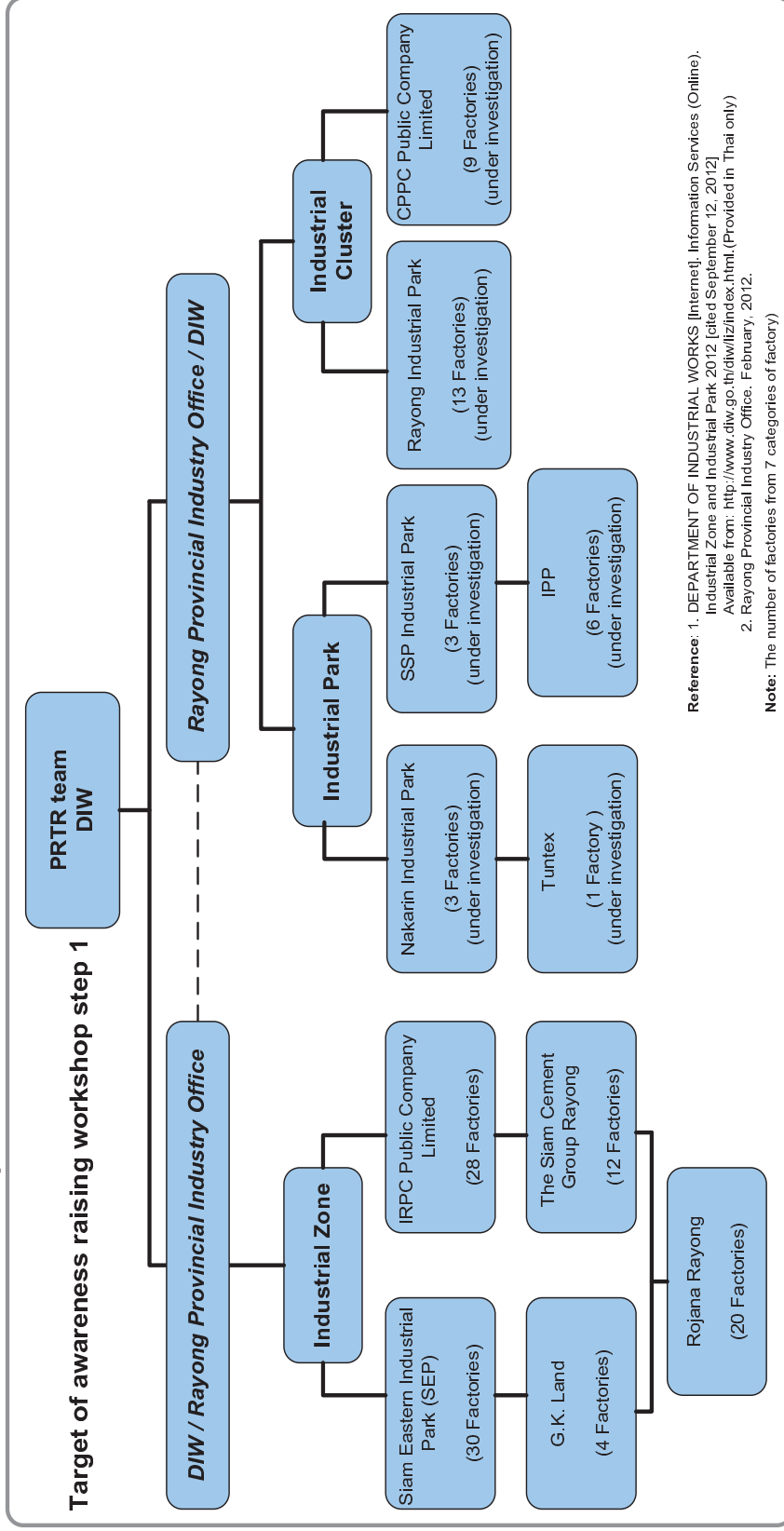
Organization Chart of Non Point Source



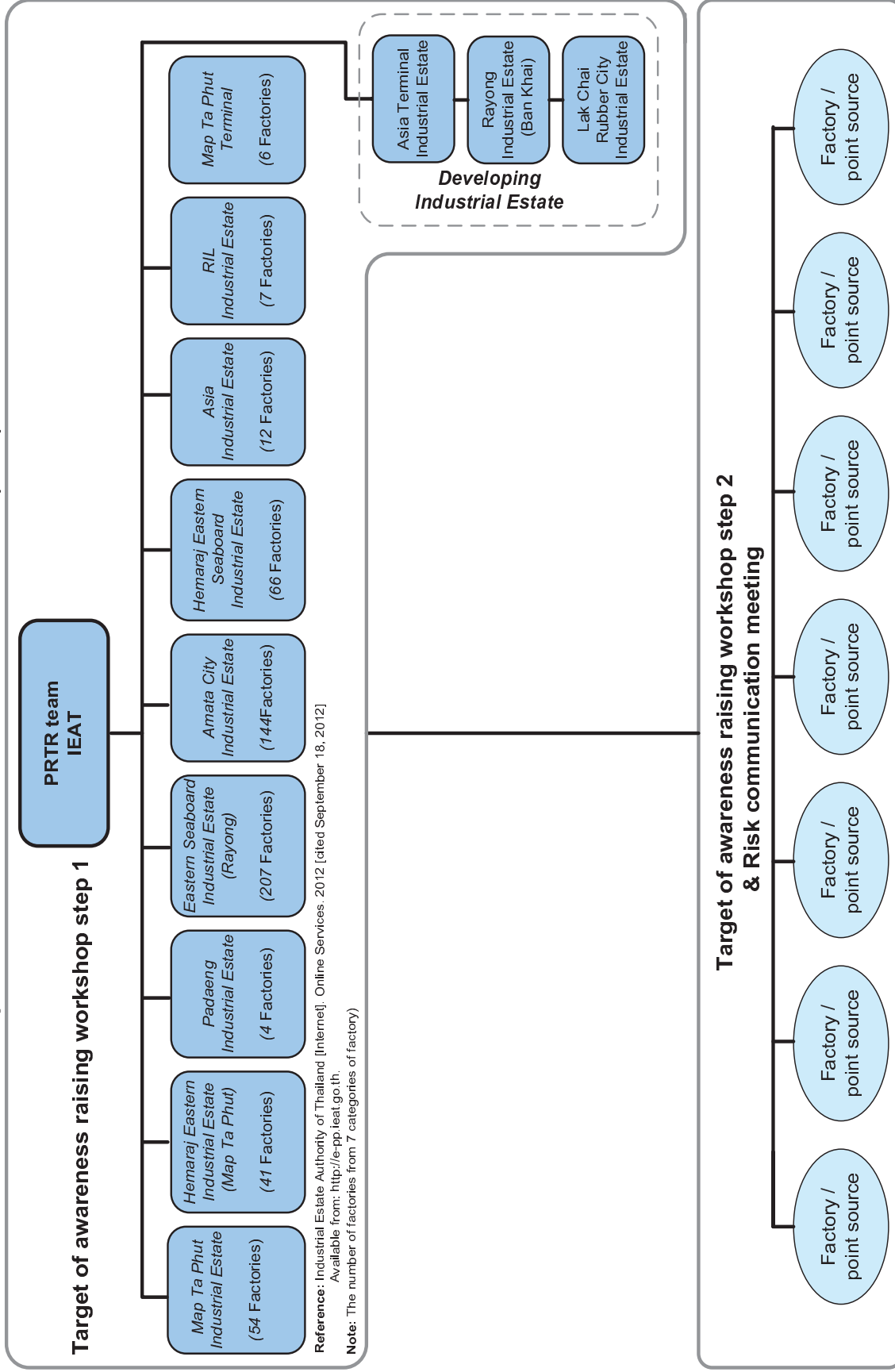
Implementation structure of Local government sector

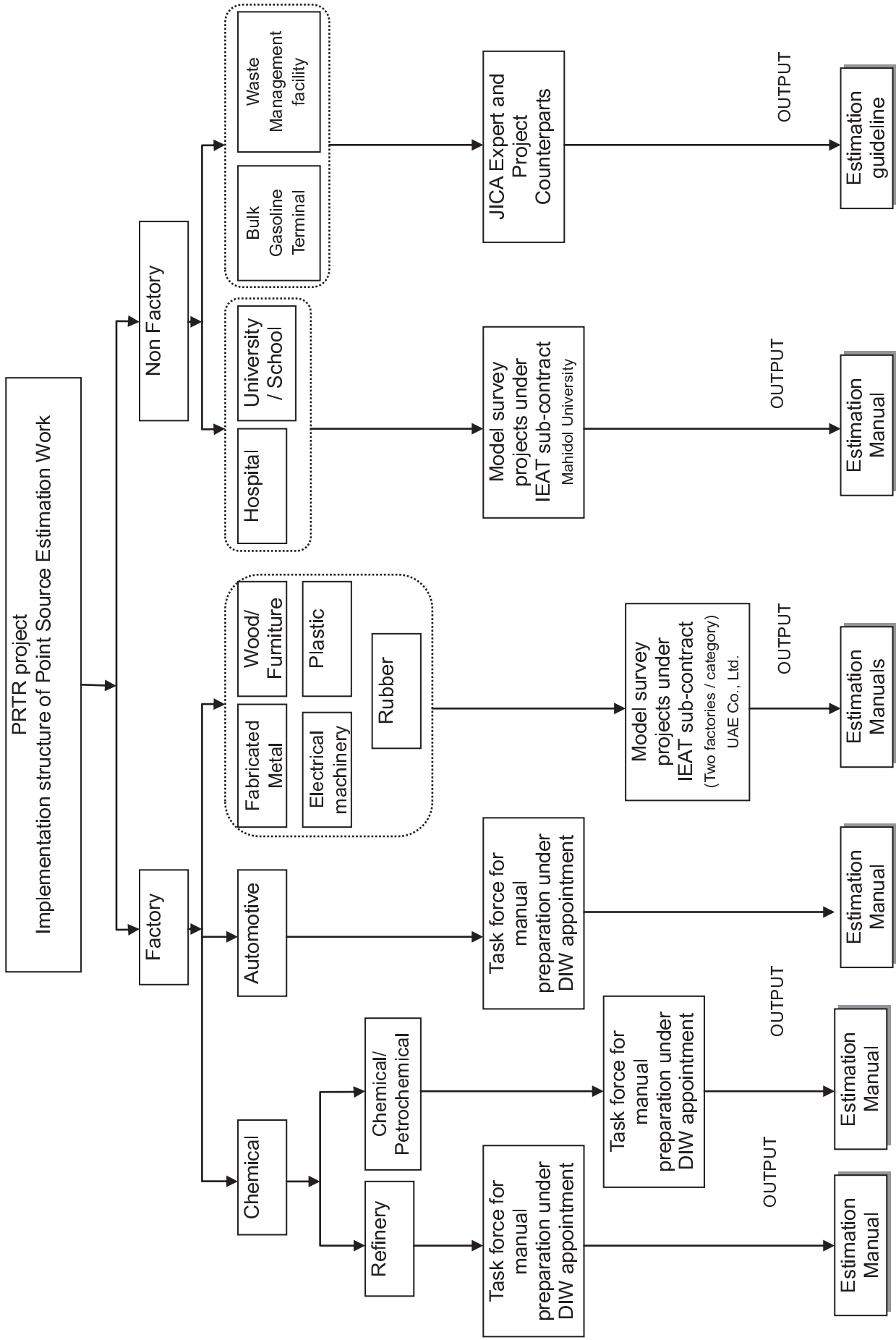


Implementation structure of Industrial Zone/Park/Cluster sector

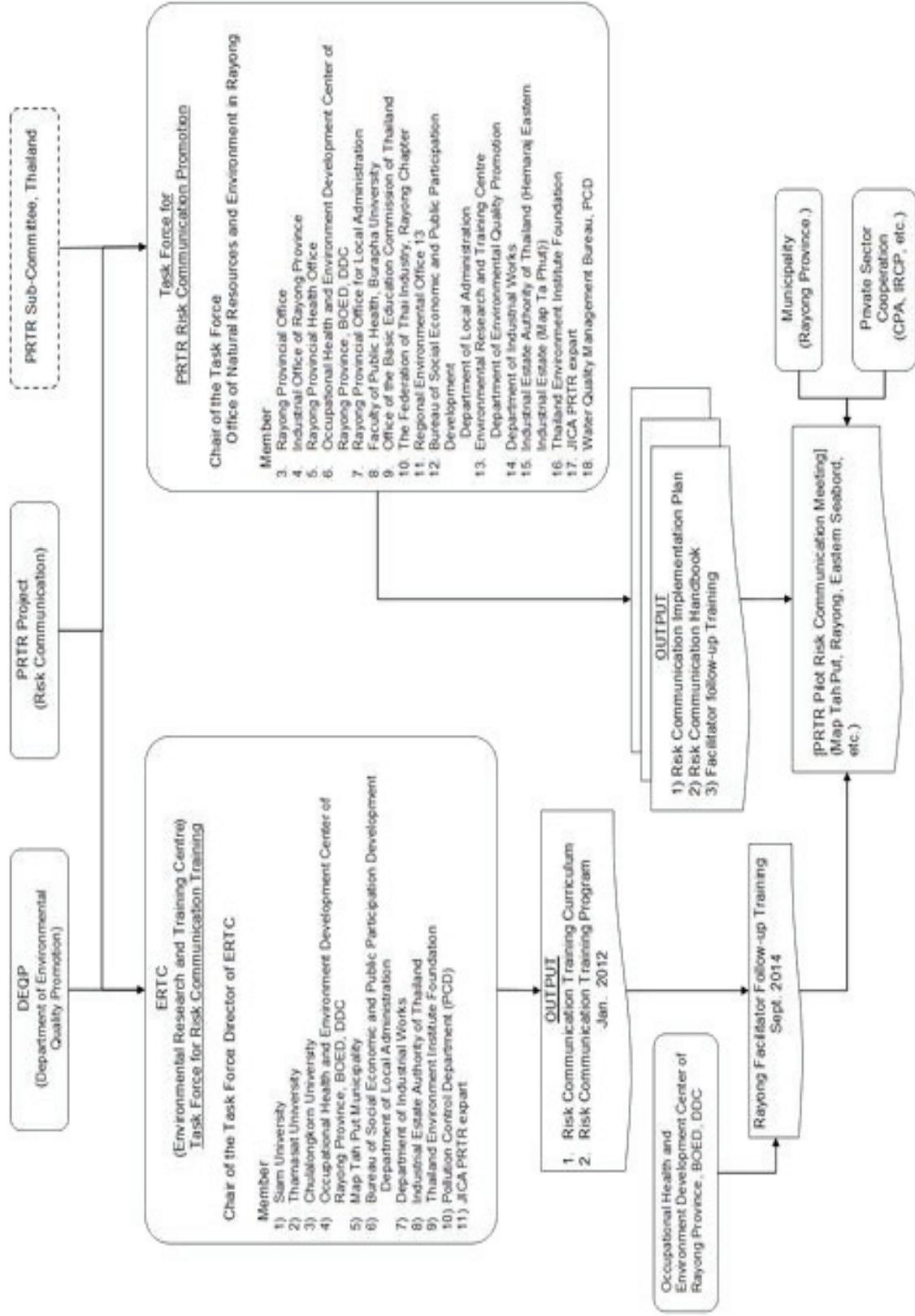


Implementation structure of Industrial Estate (IEAT) sector





Implementation structure of Risk Communication work



2.3 Progress of each output

2.3. Output 1 Design of PRTR system	
Summary	<p>Release estimation workshops were organized with over 300 participants.</p> <p>Out sourcing of data management work under PRTR pilot project was discussed among CPs. Preliminary discussions were held with UNEP/AIT.</p>
Activity	<ul style="list-style-type: none"> ● Informal meeting with NGOs was held on June 11th, 2013 ● Meeting with Rayong Industry sector was held on July 4th, 2013. ● Meeting with UNEP/AIT was held on July 11th, 2013. ● JCC meeting was organized on July 12th, 2013. ● 3rd PRTR seminar was organized on July 17th, 2013. ● Meeting with CRJA was held on Aug 13th, 2013 ● Meeting on PRTR reporting with C/P was held on Aug 20th, 2013 ● 6 Workshops for Refining Industry, Chemical/Petrochemical Industry, and Automotive/Auto parts Industry were organized in July – Sep. 2013 ● Meeting with Japan Club of ESIE was held on Sep 16th, 2013
Paper/report prepared	<ul style="list-style-type: none"> ● Pilot project implementation plan and pilot project progress report.
Issues	<ul style="list-style-type: none"> ● Workshops for point source other than 3 sectors to be organized in Rayong while resource is limited. ● Approach to data management works shall be clarified. ● Future plan to regularization shall be considered.
Plan	<ul style="list-style-type: none"> ● Organize series of workshops for point source other than 3 sectors. ● Monitor progress of various subcontracted surveys/studies. ● Continue explore the collaborating partner for data management work.

2.4. Output 2 Reporting system from Industry	
Summary	Reporting mechanism is discussed and DIW started development of web based online system.
Activity	<ul style="list-style-type: none"> ● Web-based online reporting system being considered/designed by DIW
Paper/report prepared	None
Issues	<ul style="list-style-type: none"> ● Awareness raising for point source other than 3 sectors to be organized.
Plan	<ul style="list-style-type: none"> ● Organize series of workshops for point source other than 3 sectors.

3.3 Output 3 Estimation from Point Source	
Summary	Estimation manuals for three industry sectors were completed in Thai. Subcontracted model surveys were conducted.
Activity	<ul style="list-style-type: none"> ● Model survey for 5 industrial categories was conducted under the

	<p>subcontract by IEAT.</p> <ul style="list-style-type: none"> ● Model survey for factories outside of point source definition, factories below threshold was conducted under the subcontract by DIW. ● Model survey for hospital/university was conducted under the subcontract by IEAT.
Paper/report prepared	<ul style="list-style-type: none"> ● Estimation manual for “Refining Industry” (in Thai) ● Estimation manual for “Chemical/Petrochemical Industry” (in Thai) ● Estimation manual for “Automotive/Auto parts Industry” (in Thai)
Issues	<ul style="list-style-type: none"> ● Progress of sub-contracted survey to be monitored.
Plan	<ul style="list-style-type: none"> ● Sub-contracted survey by IEAT to continue.

3.4	Output 4	Estimation from Non Point Source
Summary	<p>Pilot implementation plan for non point source was drafted. Various subcontracted surveys were monitored. TOR for traffic survey was drafted.</p>	
Activity	<ul style="list-style-type: none"> ● Pilot implementation plan for non point source was drafted. ● Pesticide survey was conducted under the subcontract by PCD. ● SMEs model survey was conducted under the subcontract by DIW. ● TOR for traffic survey was drafted. ● Discussion on collecting information related to paints with TPMA was continued. ● Hospital/university/household model survey was conducted under subcontract by IEAT. 	
Paper/report prepared	<ul style="list-style-type: none"> ● Draft pilot implementation plan for non point source 	
Issues	<ul style="list-style-type: none"> ● Emission factor from mobile source to be experimented and studied. ● Progress of sub-contracted survey to be monitored. 	
Plan	<ul style="list-style-type: none"> ● Sub-contracted survey by PCD, DIW and IEAT to be finalized. ● Emission factor experiment to be continued. ● Traffic survey to be subcontracted and conducted. 	

3.5	Output 5	Utilization of PRTR data
Summary	<p>Use and presentation of PRTR was discussed among C/Ps.</p>	
Activity	<ul style="list-style-type: none"> ● Use and presentation of PRTR was discussed among C/Ps. 	
Paper/report prepared	<p>None</p>	
Issues	<ul style="list-style-type: none"> ● Image of output 5 shall be clarified and shared by CP members. 	
Plan	<ul style="list-style-type: none"> ● Continue discussion on output 5 work among CP members 	

3.6 Output 6 Risk Communication	
Summary	Task Force on Risk Communication Promotion was established and 2 meetings were held.
Activity	<ul style="list-style-type: none"> ● 1st Task Force meeting on risk communication promotion was held on June 4th, 2013 ● 2nd Task Force meeting on risk communication promotion was held on Aug. 14th, 2013 ● Pilot implementation plan for risk communication was drafted. ● First draft of risk communication handbook was prepared.
Paper/report prepared	<ul style="list-style-type: none"> ● Draft pilot implementation plan for risk communication ● First draft of risk communication handbook
Issues	<ul style="list-style-type: none"> ● Training for risk communication facilitator to be continued at DEQP/ERTC-IET. ● Registration system for chemical adviser shall be considered
Plan	<ul style="list-style-type: none"> ● 3rd Task Force meeting to be organized.