

## **Discussion Material (2)**

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*Presented by:*

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## Discussion Material (2)

Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>1<sup>st</sup> Selected Issue:</b>	<b>No water guarantee on sustainable water availability.</b>				
2	1 <sup>st</sup> Proposal:	Regulation on Implementation of Water Law should be prepared soon regarding management concept on IWRM.				
	How to realize the above proposal?	a. Identifying related aspects based on Jasa Tirta II activities on IWRM, that depend on mentioned regulations. b. Information and Report preparations. c. Contributing in such related meeting and discussion on that. d. Implementation of the regulations. e. Monitoring and evaluations.				
3	Evaluation (1) from the view point of effectiveness	The regulation could become guidance on water guarantee concept, and correspondingly will be realized by the government through the RBO (as operators). The effectiveness could be examined based on the increment of realized regulations.				
	Evaluation (2) from the view point of feasibility	It is very feasible and compulsory. Without any regulation of implementation, the Water Law will be meaningless.				
	Evaluation (3) from the view point of sustainability	It will be sustainable if the regulations are formulated properly and accommodate entire aspects of stakeholders.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		a. Identifying related aspects. b. Information and Report preparations. c. Contributing in meeting and discussion. d. Implementation of the regulations. e. Monitoring and evaluations.	✓ ✓ ✓  ✓ ✓	   ✓ ✓	    ✓	    ✓
5	Difficulty in Implementation of your proposal	-				
6	Other Related Organizations	Central Government c.q. Ministry of Public Works c.q. DGoWR				

## Discussion Material (2)

Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>1<sup>st</sup> Selected Issue:</b>	<b>No water guarantee on sustainable water availability.</b>				
2	2 <sup>nd</sup> Proposal:	Intensive campaign on public awareness to concern on watershed conservation and management.				
	How to realize the above proposal?	<ul style="list-style-type: none"> <li>a. Identification of water degradation area as campaign point.</li> <li>b. Campaign method and presentation preparation.</li> <li>c. Action</li> <li>d. Monitoring and evaluation</li> </ul>				
3	Evaluation (1) from the view point of effectiveness	The effectiveness could be measured by monitoring the responses from the public, especially in water conservation action. Indirectly, watershed degradation will be decreased at least in local or partial area.				
	Evaluation (2) from the view point of feasibility	Campaign activity is feasible to be realized, however, it should be noticed that the public understanding will depend on the presentation material and social condition.				
	Evaluation (3) from the view point of sustainability	It will be sustainable, no significant financial required, only campaign points should be selected properly.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		<ul style="list-style-type: none"> <li>a. Identification of water degradation area as campaign point.</li> <li>b. Campaign method and presentation preparation.</li> <li>c. Action</li> <li>d. Monitoring and evaluation</li> </ul>	✓			
5	Difficulty in Implementation of your proposal	How to prepare the proper presentation and acceptable for the audiences / public.				
6	Other Related Organizations	State and Local Government.				

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Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>1<sup>st</sup> Selected Issue:</b>	<b>No water guarantee on sustainable water availability.</b>				
2	3 <sup>rd</sup> Proposal:	Reviewing of applied IWRM technology on Citarum River Basin, including its upgrading and developments to ensure sustainable water availability.				
	How to realize the above proposal?	<ul style="list-style-type: none"> <li>a. Identification of water quantity degradation area and the related technical aspects.</li> <li>b. Technical review on related aspects.</li> <li>c. Recommendation and action.</li> <li>d. Monitoring and evaluation.</li> </ul>				
3	Evaluation (1) from the view point of effectiveness	The effectiveness could be measured by monitoring the water quantity condition, especially during dry season. The correct selection on artificial method and technology based on actual and natural condition will influence the effectiveness.				
	Evaluation (2) from the view point of feasibility	The proposal is really feasible according to the availability of information of the technology so far. Event the number of qualified human resources is still limited; it could be managed quite well.				
	Evaluation (3) from the view point of sustainability	The sustainability of this proposal only depends on the financial support, especially during implementation of the technologies. At least it could be implemented gradually.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		<ul style="list-style-type: none"> <li>a. Identification of water quantity degradation area and the related technical aspects.</li> <li>b. Technical review on related aspects.</li> <li>c. Recommendation and action.</li> <li>d. Monitoring and evaluation</li> </ul>	✓			
5	Difficulty in Implementation of your proposal	How to select the acceptable and applicable technologies in order to prevent water quantity degradation. Also the implementation of the technologies.				
6	Other Related Organizations	Central, State and Local Government.				

## Discussion Material (2)

Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>2<sup>nd</sup> Selected Issue:</b>	<b>Water Conflict.</b>				
2	1 <sup>st</sup> Proposal:	Regulation on Implementation of Water Law should be prepared soon regarding to management concept on IWRM.				
	How to realize the above proposal?	<ul style="list-style-type: none"> <li>a. Identifying related aspects based on Jasa Tirta II activities on IWRM, that depend on mentioned regulations.</li> <li>b. Information and Report preparations.</li> <li>c. Contributing in such related meeting and discussion on that.</li> <li>d. Implementation of the regulations.</li> <li>e. Monitoring and evaluations.</li> </ul>				
3	Evaluation (1) from the view point of effectiveness	The regulation could be guidance to solve the water conflict, and correspondingly will be realized by the government through the RBO (as operators). The numbers of regulations realized is the effectiveness indicators.				
	Evaluation (2) from the view point of feasibility	It is very feasible and compulsory.				
	Evaluation (3) from the view point of sustainability	It will be sustainable if the regulations are formulated properly and accommodate entire aspects of stakeholders.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		<ul style="list-style-type: none"> <li>a. Identifying related aspects.</li> <li>b. Information and Report preparations.</li> <li>c. Contributing in meeting and discussion.</li> <li>d. Implementation of the regulations.</li> <li>e. Monitoring and evaluations.</li> </ul>	✓			
5	Difficulty in Implementation of your proposal	-				
6	Other Related Organizations	Central Government c.q. Ministry of Public Works c.q. DGoWR				

## Discussion Material (2)

Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>2<sup>nd</sup> Selected Issue:</b>	<b>Water Conflict.</b>				
2	2 <sup>nd</sup> Proposal:	<i>National Water Resources Committee (NWRC)</i> as a national coordination-organization among all stakeholder and mentioned in newest Water Law should be prepared soon, to handle the responsibilities on water allocation and water right policies.				
	How to realize the above proposal?	<ul style="list-style-type: none"> <li>a. Identifying related aspects based on Jasa Tirta II activities on IWRM, that depend on mentioned regulations.</li> <li>b. Information and Report preparations.</li> <li>c. Propose by contributing in such related meeting and discussion on that.</li> <li>d. NWRC published and Implementation of the regulations.</li> <li>e. Monitoring and evaluations.</li> </ul>				
3	Evaluation (1) from the view point of effectiveness	The effectiveness could be measured after NWRC established and release the policies to be accommodated by the government regulations. The implementation of the regulation (as indicators effectiveness) potentially reduces the trouble i.e. inadequate water quantity availability.				
	Evaluation (2) from the view point of feasibility	It is very feasible and compulsory. Without any regulation of implementation, the Water Law will be meaningless.				
	Evaluation (3) from the view point of sustainability	It will be sustainable if the regulations are formulated properly and accommodate entire aspects of stakeholders.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		<ul style="list-style-type: none"> <li>a. Identifying related aspects.</li> <li>b. Information and Report preparations.</li> <li>c. Contributing in meeting and discussion.</li> <li>d. Implementation of the regulations.</li> <li>e. Monitoring and evaluations.</li> </ul>	✓			
5	Difficulty in Implementation of your proposal	-				
6	Other Related Organizations	Central Government c.q. Ministry of Public Works c.q. DGoWR				

## Discussion Material (2)

Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>2<sup>nd</sup> Selected Issue:</b>	<b>Water Conflict.</b>				
2	3 <sup>rd</sup> Proposal:	Concept of cost recovery should be prepared soon regarding beneficiaries-pay principle (for commercial utilization) and government obligation and services (for non-commercial utilization) as well.				
	How to realize the above proposal?	<p>a. Identification of both utilizations (commercial and non-commercial) separately, followed by separation of the cost.</p> <p>b. Formulation of cost recovery concept for commercial utilization and followed by the business planning and development, based on the current laws and regulations.</p> <p>c. Formulation of cost recovery concept for non-commercial utilization and followed by the cost recovery proposals to be proposed to the government, based on the current laws and regulations.</p> <p>d. Introduction the proposal and followed by the discussion in regulators level.</p> <p>e. Concept approved, action and monitoring + evaluation.</p>				
3	Evaluation (1) from the view point of effectiveness	The effectiveness of this proposal could be measured based on the increment of budget to recover required cost.				
	Evaluation (2) from the view point of feasibility	The feasibility of this proposal could be examined based on the current water law and prepared regulation. The newest water law still without the regulation, it will reduce the feasibility directly.				
	Evaluation (3) from the view point of sustainability	It is also depend on the current water law and the prepared regulations.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		<p>a. Identification of both utilizations and followed by separation of the cost.</p> <p>b. Formulation of cost recovery concept.</p> <p>c. Introduction &amp; discussion the proposal.</p> <p>d. Concept approved, action and monitoring + evaluation.</p>	✓ ✓	✓	✓	✓
5	Difficulty in Implementation of your proposal	No related regulation already prepared.				
6	Other Related Organizations	Central Government c.q. Ministry of Public Works and Ministry of State Own Company				

## Discussion Material (2)

Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>2<sup>nd</sup> Selected Issue:</b>	<b>Water Conflict.</b>				
2	4 <sup>th</sup> Proposal:	Reviewing on Water Allocation Priority regarding the Water Balance analysis (demand – availability – supply relationship), including its implementation regulation.				
	How to realize the above proposal?	<ul style="list-style-type: none"> <li>a. Identification of command area changed and increment of municipal water demand.</li> <li>b. Considering related points of Water Law and its regulations dealing with the water allocation priority.</li> <li>c. Water balance analysis and reviewing water allocation priority.</li> <li>d. Introduction the review results and followed by the discussion in regulators level.</li> <li>e. Action and monitoring + evaluation.</li> </ul>				
3	Evaluation (1) from the view point of effectiveness	The effectiveness of this proposal could be measured based on the successfulness of implementation of 'new' water allocation priority, which reducing the conflict among the users (municipal and irrigation).				
	Evaluation (2) from the view point of feasibility	The feasibility of this proposal could be examined based on the current water law and prepared regulation. The newest water law still without the regulation, it will reduce the feasibility directly.				
	Evaluation (3) from the view point of sustainability	It is also depend on the current water law and the prepared regulations.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		<ul style="list-style-type: none"> <li>a. Identification of command area changed and increment of municipal water demand.</li> <li>b. Water Law and its regulations consideration.</li> <li>c. Water balance analysis and reviewing water allocation priority.</li> <li>d. Introduction the review results and followed by the discussion in regulators level.</li> <li>e. Action and monitoring + evaluation.</li> </ul>	✓			
5	Difficulty in Implementation of your proposal	No related regulation already prepared.				
6	Other Related Organizations	Central Government c.q. Ministry of Public Works and Ministry of State Own Company				



## Discussion Material (2)

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Name of Organization: Jasa Tirta II Public Corporation

1	<b>2<sup>nd</sup> Selected Issue:</b>	<b>Water Conflict.</b>				
2	5 <sup>th</sup> Proposal:	Reviewing applied human resources concept dealing with IWRM on Citarum River Basin, especially for on-field personnel and staff.				
	How to realize the above proposal?	<ul style="list-style-type: none"> <li>a. Identification of required personnel and staff on field, including their quantity and competency.</li> <li>b. Training needs analysis.</li> <li>c. Reviewing the existing human resources concept.</li> <li>d. Introduction the review results and followed by the implementation.</li> <li>e. Action and monitoring + evaluation.</li> </ul>				
3	Evaluation (1) from the view point of effectiveness	The effectiveness of this proposal could be measured based on the reducing of the conflict during water allocation operation on field.				
	Evaluation (2) from the view point of feasibility	This proposal could be performed in internal RBO level, without any external aspects considered. So that, it is very feasible to be realized.				
	Evaluation (3) from the view point of sustainability	Awareness consistency from RBO management through Human Resources Bureau will influences the proposal sustainability.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		<ul style="list-style-type: none"> <li>a. Identification of required personnel and staff on field, including their quantity and competency.</li> <li>b. Training needs analysis.</li> <li>c. Reviewing the existing human resources concept .</li> <li>d. Introduction the review results and followed by the implementation.</li> <li>e. Action and monitoring + evaluation.</li> </ul>	✓			
5	Difficulty in Implementation of your proposal	-				
6	Other Related Organizations	-				

## Discussion Material (2)

Country Name: Indonesia

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1	<b>3<sup>rd</sup> Selected Issue:</b>	<b>Water Technology application and development.</b>				
2	1 <sup>st</sup> Proposal:	Improvement of human resources based on required skill dealing with IWRM technologies and management concept through either in-house or external course or training ( <i>typical with 5<sup>th</sup> proposal of 2<sup>nd</sup> issue</i> ).				
	How to realize the above proposal?	<ul style="list-style-type: none"> <li>a. Identification of required personnel and staff on field, including their quantity and competency.</li> <li>b. Training (skill development) needs analysis and planning.</li> <li>c. Preparation of human resources development concept.</li> <li>d. Introduction and followed by the implementation of the concept.</li> <li>e. Monitoring + evaluation.</li> </ul>				
3	Evaluation (1) from the view point of effectiveness	The effectiveness of this proposal could be measured based on the increment of the competency of on-field staff. The indicators are tasks performed, efficiency and conflict developed.				
	Evaluation (2) from the view point of feasibility	This proposal could be performed in internal RBO level, without any external aspects considered. So that, it is very feasible to be realized.				
	Evaluation (3) from the view point of sustainability	Awareness consistency from RBO management through Human Resources Bureau will influence the proposal sustainability.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		<ul style="list-style-type: none"> <li>a. Identification of required personnel and staff on field, including their quantity and competency.</li> <li>b. Training (skill development) needs analysis and planning.</li> <li>c. Preparation of human resources development concept.</li> <li>d. Introduction and followed by the implementation of the concept.</li> <li>e. Monitoring + evaluation.</li> </ul>	✓			
5	Difficulty in Implementation of your proposal	-				
6	Other Related Organizations	-				

## Discussion Material (2)

Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>3<sup>rd</sup> Selected Issue:</b>	<b>Water Technology application and development.</b>				
2	2 <sup>nd</sup> Proposal:	Reviewing of applied IWRM technology on Citarum River Basin, including its upgrading and developments to ensure sustainable water availability.				
	How to realize the above proposal?	<ul style="list-style-type: none"> <li>a. Identification of existing applied technology.</li> <li>b. Identification of existing personnel capability to apply the technology.</li> <li>c. Reviewing the required technology in particular field.</li> <li>d. Preparation of applicable technology.</li> <li>e. Application, monitoring + evaluation.</li> </ul>				
3	Evaluation (1) from the view point of effectiveness	The effectiveness of this proposal could be measured based on the efficiency of adopted technology on-field. The indicators are tasks performed, efficiency and cost required.				
	Evaluation (2) from the view point of feasibility	This proposal could be performed in internal RBO level, without any external aspects considered. So that, it is very feasible to be realized.				
	Evaluation (3) from the view point of sustainability	Awareness consistency from RBO management through Human Resources Bureau will influence the proposal sustainability.				
4	Implementation Agenda	Item in processes	2007	2008	2009	2010
		a. Identification of existing applied technology.	✓			
		b. Identification of existing personnel capability to apply the technology.	✓			
		c. Reviewing the required technology in particular field.	✓			
		d. Preparation of applicable technology.		✓		
e. Application, monitoring + evaluation.		✓	✓	✓		
5	Difficulty in Implementation of your proposal	The selection of the applicable technology to be adopted.				
6	Other Related Organizations	-				