

## Discussion Material (1)

Country Name: Indonesia

Name of Organization: Jasa Tirta II Public Corporation

1	<b>1<sup>st</sup> Selected Issue:</b>	No water guarantee on sustainable water availability.
	<b>Troubles</b> derived from the issue:	No guarantee from government or agencies on sustainable water required by the users (especially in commercial sector), including no compensation on losses/damages due to unsustainable water supplies.
2	Causes of the issue:	<ol style="list-style-type: none"><li>1. Implementation regulation of water allocation and utilization as mentioned in Water Law is not ready-implemented yet.</li><li>2. Overlapping Citarum River Basin Organization on Policy and Plan and lack of consensus built among stake holder</li><li>3. Problems due to water quantity degradation, hence, no adequate water quantity to be supplied.</li></ol>
3	1 <sup>st</sup> Proposed Proposal to Solve the Troubles:	Regulation on Implementation of Water Law should be prepared soon regarding management concept on IWRM.
	2 <sup>nd</sup> Proposed Proposal to Solve the Troubles:	Intensive campaign on public awareness to concern on watershed conservation and management.
	3 <sup>rd</sup> Proposed Proposal to Solve the Troubles:	Reviewing of applied IWRM technology on Citarum River Basin, including its upgrading and developments to ensure sustainable water availability.

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1	<b>2<sup>nd</sup> Selected Issue:</b>	<b>Water Conflict</b>
	Troubles derived from the issue:	Conflict between commercial and non-commercial sectors on water allocation and its utilization and usage.
2	Causes of the issue:	<ol style="list-style-type: none"> <li>1. Implementation regulation of water allocation and utilization between commercial and non-commercial sectors as mentioned in Water Law is not ready-implemented yet.</li> <li>2. Inadequate water quantity availability especially during dry season.</li> <li>3. Lack of budget to recover required cost of water resources development and management, which affected the water allocation policy on each sector priority.</li> <li>4. Increment of the municipal water demand due to increment of urban population, otherwise, land use of irrigation command area already changed reducibly.</li> <li>5. Insufficient personnel on field to carry out the tasks regarding the water allocation operation and management.</li> </ol>
3	1 <sup>st</sup> Proposed Proposal to Solve the Troubles:	Regulation on Implementation of Water Law should be prepared soon regarding to management concept on IWRM.
	2 <sup>nd</sup> Proposed Proposal to Solve the Troubles:	<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.
	3 <sup>rd</sup> Proposed Proposal to Solve the Troubles:	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.
	4 <sup>th</sup> Proposed Proposal to Solve the Troubles:	Reviewing on Water Allocation Priority regarding the Water Balance analysis (demand – availability – supply relationship), including its implementation regulation.
	5 <sup>th</sup> Proposed Proposal to Solve the Troubles:	Reviewing applied human resources concept dealing with IWRM on Citarum River Basin, especially for on-field personnel and staff.

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1	<b>3<sup>rd</sup> Selected Issue:</b>	Water technology application and development.
	<b>Troubles</b> derived from the issue:	Implementation of water technology on field by the staffs is not proper yet. Hence, water allocation pattern and related policies could not be applied properly.
2	Causes of the issue:	<ol style="list-style-type: none"><li>1. Lack of qualified staff on the field to execute the tasks properly.</li><li>2. Lack of technology transfers among technical staff due to lack of coordination in corporation organizations.</li></ol>
3	1 <sup>st</sup> Proposed Proposal to Solve the Troubles:	Improvement of human resources based on required skill dealing with IWRM technologies and management concept through either in-house or external course or training.
	2 <sup>nd</sup> Proposed Proposal to Solve the Troubles:	Reviewing of applied IWRM technology on Citarum River Basin, including its upgrading and developments to ensure sustainable water availability.