



# **Consideration to make the project's result more effective**

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# **The Project Title (Final Objectives)**

**Designing “Local Framework of  
Integrated Water Resources  
Management(IWRM)”**

# Essential Tasks

- ◆ Comprehensive evaluation of the existing Local Water Resources Management (LWRM) in several countries; Turkey, Indonesia, Egypt, Japan, and China
- ◆ Designing basic framework of the IWRM in each country

# **Beneficial Outcomes to Water Manager**

- ◆ **Comprehensive evaluation and Modeling of the present LWRM**
- ◆ **Providing decision making support tools for the IWRM**
- ◆ **Suggestion for realization of a desirable IWRM**

# Steps of the project promotion

Survey of the present situation



Evaluation and diagnosis of the present situation



Prediction of the future situation



Evaluation and diagnosis of the future situation



Proposition for the desirable IWRM

# **Survey of the Present Situation**

- ◆ **Available water volume**
- ◆ **Demand and actual use of water**
- ◆ **Water quality**
- ◆ **Land use**
- ◆ **Water resources management**
- ◆ **Industry**
- ◆ **Water user's feeling about the LWRM**

# **Evaluation and Diagnosis of the Present Situation**

- ◆ **Productivity**
- ◆ **Sustainability**
- ◆ **Equity**
- ◆ **Ethicality**
- ◆ **Environmentality**
- ◆ **Conviviality**

# **Prediction of the Future Situation (Modeling)**

**How will be the future situation?**

**Case 1: The present trend will still continue.**

**Case 2: Some associate conditions will change.**



**Evaluation and Diagnosis**

# Proposition to realize the desirable IWRM

Is the present LWRM good as it is?

**Yes** -> Is there anything to take care to sustain it?

How long is it likely to be sustained?

**No** -> What should be changed to improve it?

# Summary

In order to make the project's result more effective,

- ◆ Outcomes of the project should be “actually” beneficial to the water resources manager.
- ◆ Promotion procedure of the project should be in an orthodox way.
- ◆ Indices and criteria to “adequately” evaluate the LWRM and the IWRM should be determined as soon as possible.
- ◆ Especially, the index to indicate the stakeholder's acceptability to the WRM rules is very significant.