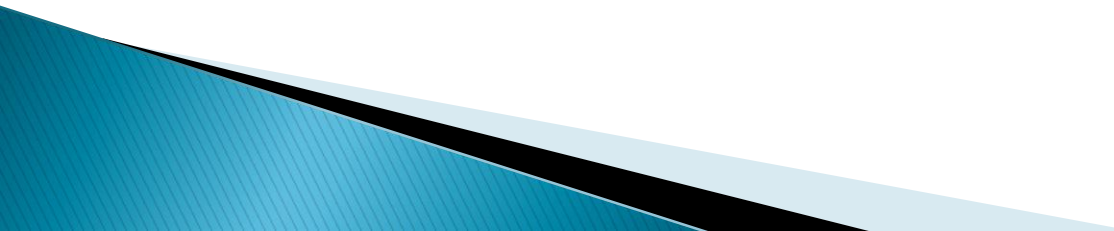


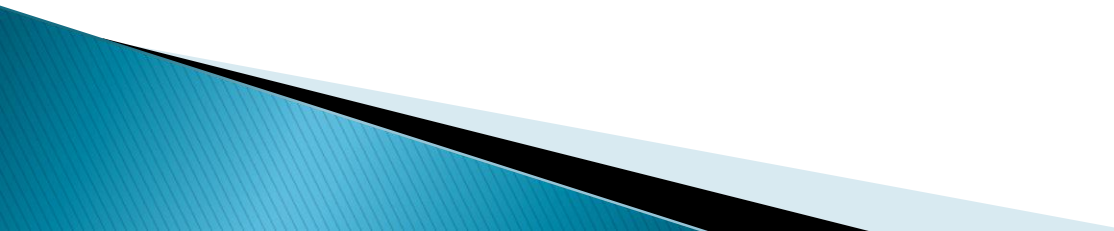
GROUP ON WATER QUANTITY AND PRICING

Members: NPC, ERDB, NEDA, PRRC, MANILA
WATERS, MAYNILAD, LWUA, MWSS, BWISER,
QC-CA, EMB, LLDA

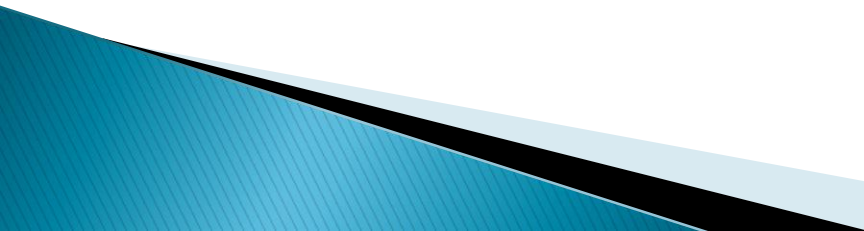
VISION

- ▶ Ensure that the water quantity is sufficient to meet the demands of various users
 - ▶ Promote water conservation
 - ▶ Sufficient and well managed water resources
 - ▶ Maintain the multi-use resource
- 

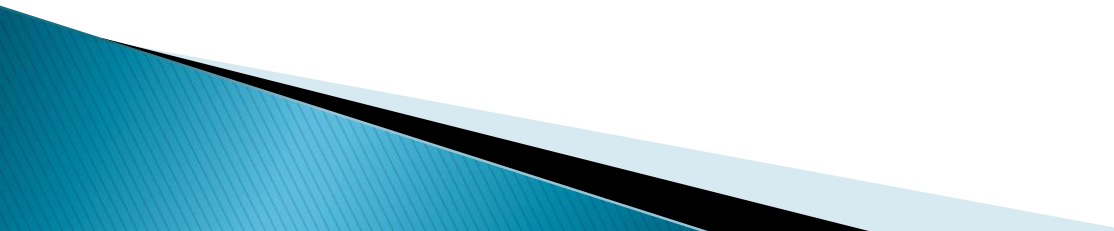
DATA INFORMATION NEEDED

- ▶ Each of the sector should determine the threshold/demand requirements (hierarchy of priority users, esp. for those who are using for extractive measures)
 - ▶ Govt agencies should determine the volume that would be given to the users and consider the water requirement of ecology
 - ▶ Water quantity requirements of the various users
 - ▶ Robust information on springs and measures on how to maintain them
 - ▶ Elasticity of the demand of water usage according to sector
 - ▶ Water supply road map
 - ▶ Review functions of water users
- 

DATA INFORMATION NEEDED

- ▶ Reconsider the operation of existing structures like Napindan Hydraulic Control Structures and Manggahan Floodway
 - ▶ Review of existing policies on water usage
 - ▶ Study on the vulnerabilities of entire basin when it comes to water balance. Water vulnerability due to the effects of climate change
 - ▶ Water balance accounting
 - ▶ Inventory of users– irrigation, industrial cooling, hydropower including groundwater use
 - ▶ Enriching the data on water resources– erosion rate, stream flow
- 

POTENTIAL RISKS

- ▶ Laguna de Bay is heavily silted
 - ▶ Multiple water uses. The use of laguna lake as a receiving body of effluents that single use contradicts the other uses.
 - ▶ Conflicting water uses
 - ▶ Continuous increase in population
 - ▶ Rapid industrialization
 - ▶ Lack of political will
 - ▶ Delay in the development of water sources e.g. development of Sta Rosa, catching active demand or are we ahead of demand?
 - ▶ The presence of localized deficit (Each of the subbasin the water quality and quantity characteristics should be defined)
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OPPORTUNITIES

- ▶ Natural depression to convert into reservoir;
Water impoundment structures
 - ▶ Forest cover addressing erosion and run-off
(affecting water quality)
 - ▶ Water Education
 - ▶ Strengthening and simplifying the EIS
- 