



Sustainable Water  
Integrated Management (SWIM) -  
Support Mechanism



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Water is too precious to waste

**MEASURES TO CREATE AN ENABLING ENVIRONMENT FOR COMPLIANCE.**  
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# OBJECTIVE OF 5<sup>TH</sup> PRESENTATION

- To identify and discuss the measures that a regulating authority can undertake to ensure acceptable levels of compliance with water legislation.
- We were able to identify six measures that were successfully used, to ensure compliance with water and/or aquatic environment requirements, in other parts of the world.

# I- CREATE A CLIMATE FOR COMPLIANCE

- Three simple practices often invite the respect of the regulated community and improve the climate for compliance can be practiced by SWIM countries as follows:
  1. By demonstrating value through scientific methods that the issued requirement will produce measurable improvements in water resources and/or aquatic environmental quality.
  2. By demonstrating options & feasibility through provision of technical information on means & accessible technologies that will produce compliance.
  3. By demonstrating the real cost-benefit of complying with the promulgated regulations and the possible socio-economic return to the regulated party and the community at large.

# II- ANALYZE THE ABILITY TO COMPLY

- Both economic and technological factors determine how great a burden the new requirement will pose to both the regulating authorities and the regulated community.
- In such specific cases, regulating authorities should commission independent investigations to:
  1. examine what economic & technological impact regulation will have on that particular regulated community and
  2. Assess the resources to be allocated for the regulating authorities to follow-up on compliance and to enforce the promulgated regulations.

# III- IDENTIFY THE SIZE OF THE REGULATED COMMUNITY

- Regulating authorities in SWIM-SM Countries should recognize that the size of the regulated community could influence the program's ability to successfully ensure conformity with requirements.
- The larger the community, the more difficult and expensive following up with compliance will be.

- Knowing the size of the regulated community will help the regulating authorities allocate the proportionate resources such as:
  1. Resources needed to promote and publicize the promulgated regulations.
  2. Resources needed to establish and/or reform administrative mechanisms to follow-up on compliance including permitting & licensing, renewal of permits, authorization, etc.
  3. Resources needed to develop enforcement capacities such as 1-monitoring systems, 2- accredited testing, 3-remote sensing, 4-inspecting, 5- auditing, 6- record keeping, etc.

## IV- INVOLVE THE REGULATED COMMUNITY & STAKEHOLDERS IN DEVELOPING THE REQUIREMENTS

- It is strongly advisable for the regulating authorities in SWIM-SM Countries to involve the regulated community in the process of developing the requirements.
- This participatory approach helps:
  1. In the creation of a feeling of ownership,
  2. It supports and reduces resistance & conflict,
  3. It makes requirements more practical and
  4. Set the floor for better compliance.

# V- INVOLVE ENFORCEMENT OFFICIALS

- Involving enforcement officials in developing regulations will add the needed expertise, wisdom, and concerns of both the technical & legal staff involved in ensuring compliance.
- The enforcement officials (technical & legal) in the SWIM region were only requested to enforce the requirements without providing them with the proper legal or technical aspects associated with the issued regulation.
- This common practice has deprived the regulating authorities lessons learnt by those officials in ensuring compliance with earlier requirements.



# VI- VERIFY THE FEASIBILITY & ACCEPTABILITY OF THE ENACTED REGULATION

- Once promulgated, a field testing need to be conducted by the regulating authorities in SWIM-SM Countries to verify whether the requirements are:
  1. Clear,
  2. Understandable,
  3. Cost effective,
  4. Acceptable and
  5. Techno-economically feasible.

مع خالص شكري  
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Thank you  
for your attention

Merci pour  
votre attention



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