



GEF IW Task Force Dialogue with STAP

25 APRIL, 2008

TDA – SAP





GEF IW Task Force Dialogue with STAP



CONTENT

- ✚ Contextual background
- ✚ TDA – SAP methodology
- ✚ Project Applications





GEF IW Task Force Dialogue with STAP



CONTEXTUAL BACKGROUND

- ✚ The GEF IW projects are adopting a science based approach for the sound management of shared waters in identifying, prioritizing and addressing transboundary water issues.
- ✚ EMINWA – TDA/SAP
- ✚ UNEP role versus UNDP and WB





TDA – SAP Methodology



1. Diagnosis – Prognostic Assessment

- ✚ Identification and quantification of water related environmental issues and problems
- ✚ Identification of the root causes of the environmental degradation
- ✚ Quantification/scoring of the causes for prioritization issues to be addressed in SAP





TDA – SAP Methodology



2. Causal chain analysis

- ✚ Traces the cause-effect pathways associated with each significant environmental problem back to its root causes
- ✚ Moves from the natural science domain to the root cause in the socio-economic, legal-institutional and cultural domain thru' the chain of cause and effect
- ✚ Scoring of the causes for prioritizing issues to be addressed in SAP





TDA – SAP Methodology



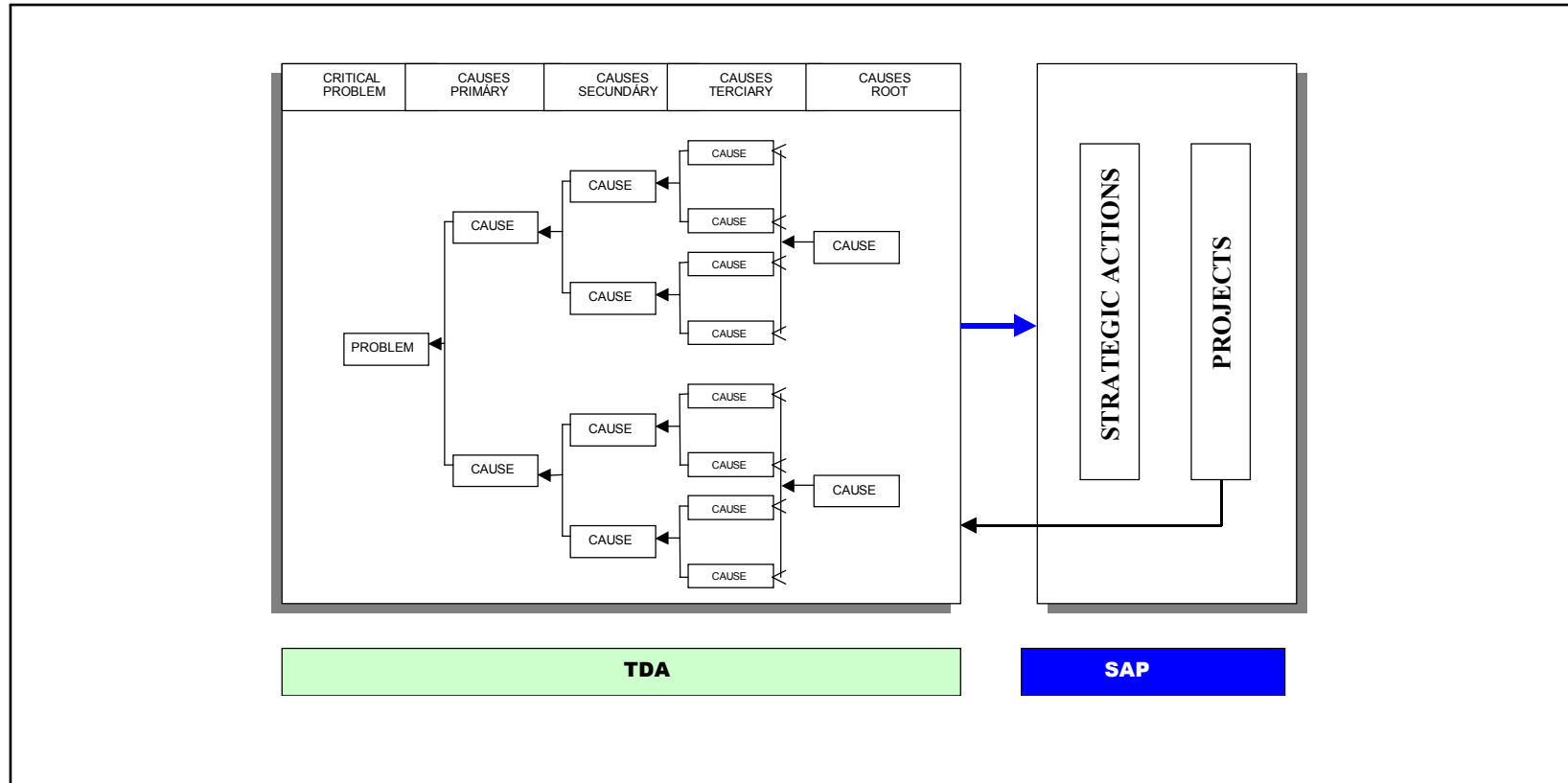
2. Causal chain analysis

- ✚ Critical to identify the most important and fundamental determinants for each of the problems to be targeted in the SAP by appropriate policy measures for remediation.
- ✚ Should be undertaken under both current and predicted future conditions as both the nature and the scale of the environmental problems and the cause-effect pathways by which they arise may change over time.





TDA – SAP Methodology





TDA – SAP Methodology



3. Participatory Process

- ✚ The TDA provides a sound scientific basis for action but must be fully understood by all stakeholders.
- ✚ Conducting a TDA is a first step in building stakeholder ownership at the national and regional levels.
- ✚ It is a mechanism for building consensus and resolve potential conflicts
- ✚ It establishes the links between scientific expertise and policy/decision makers.





TDA – SAP Methodology



4. Building the SAP

- ✚ From the TDA, national and regional environmental goals for the short term and long term are established.
- ✚ Goals need to be converted into concrete actions with targets
- ✚ Actions must be costed
- ✚ Targets must be realistic
- ✚ SAP must be agreed both at the national and regional level
- ✚ SAP is subject to periodic review based on sound M&E





Project Application



- + I = Q_{planning phase} + Q_{implementation}
- + Science Based Knowledge Management System
- + Participatory process is critical for ownership but might imply trade offs. [Sao Francisco – Bermejo]
- + BOTTOM-UP APPROACH = Truly unique methodological contribution to improving IWRM
- + Iterative process starting from an outline
- + TDA = Understanding the Basin Society + Understanding the Ecosystem





Project Application



- ✚ TDA/SAP = Targeted Research + Pilot/Demo projects
- ✚ From Vision to TDA to SAP
- ✚ TDA = baseline against which impacts generated by SAP measures can be monitored
- ✚ Critical need to develop sound data and information systems in the planning phase.
- ✚ SAP = Policy document which needs to be translated into Basin Plans, etc.
- ✚ Securing funding is critical





THANK-YOU

