


Overview MTM-4


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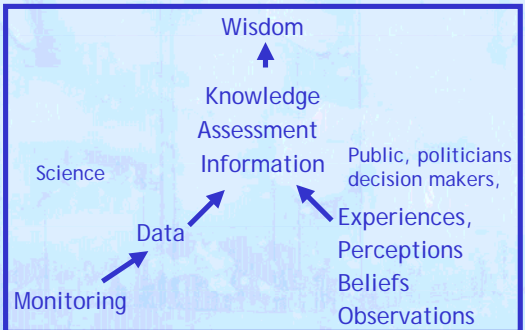
Wisdom
Knowledge
Assessment
Information
Data

(Arthur Askew/WWDR I)


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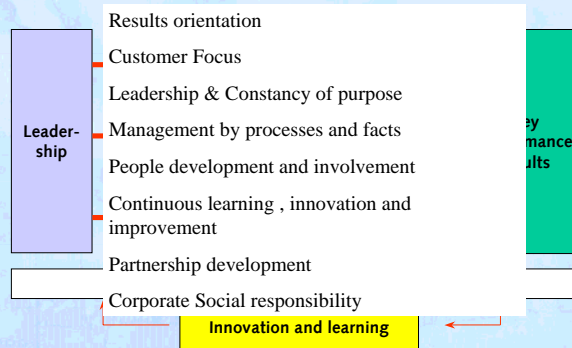
Governing water wisely




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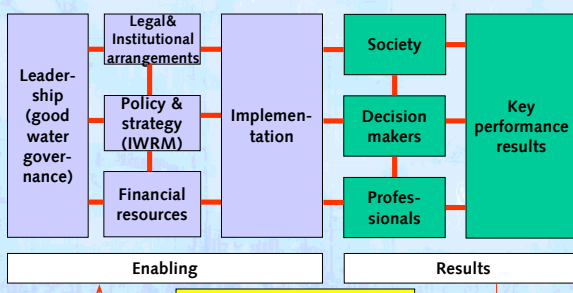
EFQM Excellence model



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Excellence in IWRM



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Leadership - Governing Water Wisely

- Rotmans/Mostert
 - Our society faces persistent problems which cannot be solved with incremental changes
 - Societal complexity requires a new way of governance
- Kremer
 - Complexity & need for new governance also comes forward from LOICZ Global Change project
- Merrey
 - Poverty reduction, empowerment, improved livelihoods and well-being, long term equitable growth are the key objectives of IWRM
 - Current IWRM paradigm is not contributing to poverty reduction objective

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M M Leadership - Governing Water Wisely (II)

- Villars:

“Without a clear, integrated vision for the North Sea, including quantified targets, it will not be possible to define clear assessment criteria and use indicators for evaluating and the effects of ‘disturbances’. The existing indicators will remain limited in use for monitoring and communicating the ecological status of the North Sea.”

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M M Leadership - Governing Water Wisely (III)

- UNECE-pilot projects: Collaboration in monitoring of transboundary river basins may be the start of structurally organising TB-IWRM!

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M M Policy and Strategy

- Rotmans (Merrey, Mostert similar lines)
 - Integrated water management needs to be pluralistic, including multiple perspectives representing multiple stakeholders
 - Transition from old to new management style

Old management-style (20-th century)	New management-style (21-st century)
Command and control	Prevention and anticipation
Focus on solutions	Focus on design
Monistic	Pluralistic
Planning-approach	Process-approach
Technocratic	Societal
Sectoral water policy	Integral spatial policy
Pumping, dikes, drainage	Retention, natural storage
Rapid outflow of water	Retaining location-specific water
Hierarchical and closed	Participatory and interactive

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M M Examples of new views on ‘leadership’ and IWRM-elements

- Merrey: Integrating livelihoods into IWRM
- Van Eck - B and NL worked 2 years to develop an integrated vision on the Western Scheldt before elaborating measures
- EU-WFD?
- New views on ‘IWRM leadership’ should be reflected in monitoring & assessment

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M M Implementation of policy and strategy

Interaction between policy and information needs/policy&results troublesome area

assessment cycle

analysis & modelling

gigabytes results

reports & presentation

distillation, graphs

Villars


US NWQMC

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M M Bridge the gap between policy/public and science...

- Indicators still science driven
- Many initiatives developing indicators
 - Divergence, not convergence
- Quest to find indicators which appeal to policy makers/public
 - Coupling with vision
 - Framework with different levels of aggregation in an accountable, traceable manner
 - Top level: Colors, smileys, colored smileys, GIWA scoring system 0-3, EU-WFD 5 classes ecological quality..

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Monitoring




- Joint Danube Survey
 - Prime example of perspectives of ecological monitoring
 - Integration of chemical and ecological monitoring
- Ecological monitoring provides better value for money for countries with few resources
- Van Eck:
 - Classic chemical monitoring is bound to end
 - Quality assurance of monitoring both from scientific and societal perspectives

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Monitoring




- Significant developments in monitoring strategy
 - JDS
 - Estimates of nutrient fluxes Loire
 - M&A non point source pollution Baltic Sea Region
 - Lessons from UNECE pilots

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Monitoring



- Monitoring efforts can be justified by taking economic risks of inadequate information into account (v Geer)
- EU WFD in combination with reduced budgets may lead to severe reduction monitoring effort, public opinion may counteract this development
- UNECE pilot projects demonstrate that UNECE guidelines provide good basis (information and institutional) for implementation EU-WFD

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Assessment



- Impressive activities and examples of interdisciplinary designed integrated assessments on different levels
 - WWAP & WWDR
 - GIWA Latin America and Caribbean region
 - LOICZ
 - US-Mexico
- Different indicators and indicator-frameworks are used, but many are very similar in nature.....

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Appreciation by public, decision makers and professionals

- Public participation is mandatory tool in water management
 - WFD, Aarhus Convention, bathing water directive,...
 - Learning curve how to implement PP
 - Social learning important (manage together)
- Monitoring & assessment and PP not yet conceptually integrated (*two way communication*)
- Communication with decision makers point of concern
- Role for indicators to be strengthened/developed

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And back to Leadership

- We should commit to agree
- We should focus and combine our energy so as to increase impact
- Vision: WWAP & WWDR carried by all those teams now involved in international assessments, thus providing a even more powerful representation of the water sector

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Thank the Scientific
Committee

Special thanks to organising
team

Thank you for your presence and contributions

Suggestions to improve MTM are welcome

We hope to meet you at MTM5

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