

Introduction to Tools for Climate Adaptation & Risk Management for the Water Sector in a Transboundary Context

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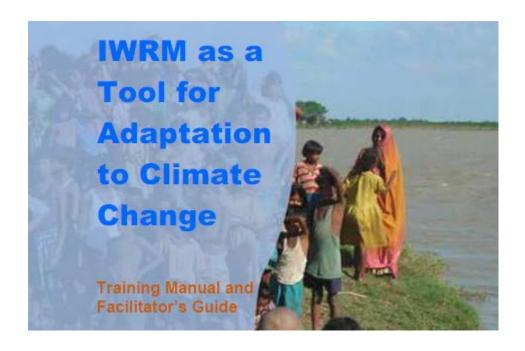
- What is a 'tool' for climate adaptation and water?
- Major types of tools & marketplace examples
- Issues to consider when choosing, using or developing tools





What is a climate/water 'tool'?

Are broad frameworks tools??



(CapNet et al., 2009 {for IWRM})

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Tools for Adaptation in Transboundary Contexts: Major Types

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		Type 1 Process Guidance Tools			Type 2 Data & Information Tools		Type 3 Knowledge Sharing Tools	
•	We aud One (the	e t	Communication Tools Screening Tools Assessment Tools Implementation Tools	ls k า <i>al</i> lap	 Current temp and rainfall data, maps Projections 	fund mill	(e.g. media stories, recent meetings)	1)
•	4 / 1		Monitoring & Evaluation Tools				information tools	



An audience / sectoral typology:

Most 'marketplace' tools

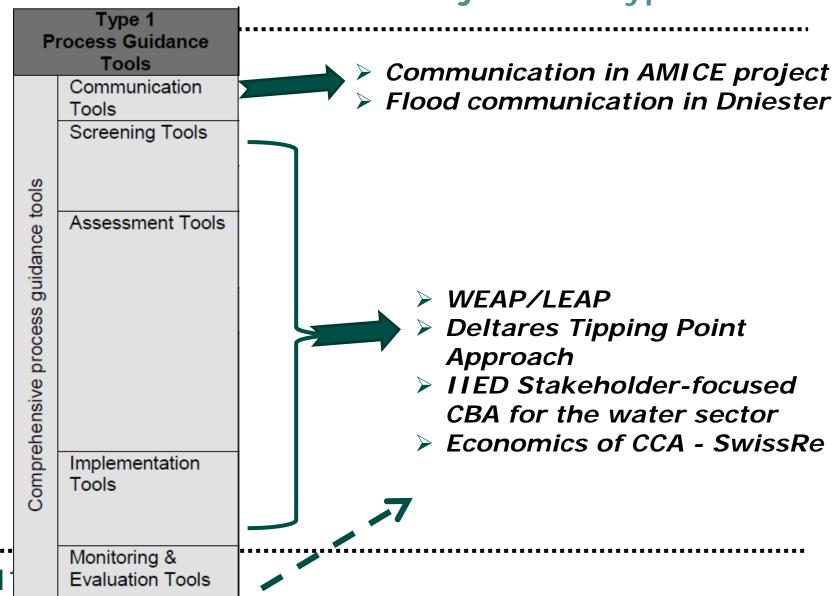


Tools for 'general' climate adaptation Tools for water sector best management

Tools
specifically for
water sector
climate
adaptation

- PLUS: what part of the 'water sector'?
 - Tools for WASH? WRM? WWMWQ? Flood mgmt?
 - Local / national / transboundary







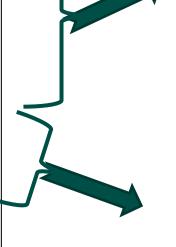
Type 2 Data & Information Tools

- Climate information primers
- Primary climate info:
 - Current temp and rainfall data, maps
 - Projections (GCMs, downscaling tools)
- Secondary impact models, maps
- Vulnerability info
 - Poverty, livelihood, socioecon data

Climate vulnerability index modelling applied to Mongolia



- WEAP/LEAP
- Geo information / flood risk modelling for Dniester





Type 3 Knowledge Sharing Tools

Web-based platforms, offering access to:

- Relevant news (e.g. media stories, recent meetings)
- Scientific, policy, project documents (e.g. journal articles, case studies, reports)
- Personal observations and experiences (e.g. blogs, forums)
- Professional networks
- Type 1 process guidance tools
- Type 2 Data & information tools





- > GWP 'I WRM Toolbox'
- > SEI weADAPT
- UNFCCC NWP KM on CCA

(Including games!)



Communication in AMICE project

GWP, IWA, Cap-Net, UNECE, etc.!

PLUS: 'Meta tools'?

> AGWA DSS





Issues for Tool Users to Consider

- Think carefully about (and defend!) your specific needs
 - In the 'tool industry', each developed wants to 'sell' you their tool, like any other product
- Do your research, and don't rush to select the first tool you discover – it might not be best-suited for your needs
 - Risk of maladaptation!
- When choosing, consider:
 - Relevance for your context, language, audience, etc.
 - What type of tool(s) do you need?
 - Complexity (will you need training?)
 - Price?
 - User support available? (is it kept updated?)
 - Do you need a tool at all?
- No tool is perfect you might need to use several



Issues for Tool Developers to Consider

- The 'market' is flooded with tools already (possibly >300 relevant to adaptation/water!) (ODI research)
- Before you develop another tool, ask:
 - How <u>specifically</u> does it add <u>new value</u>?
 - Is it <u>necessary</u>?
 - Maybe better to strengthen/combine existing tools, or create 'meta tools'?
 - What is the specific <u>audience</u>?
 - How will this tool effectively reach & engage them?
 - Will they need training (difficult to scale-up), or can they learn it themselves?
- <u>Translation</u> is especially important! Need more multilingual tools: e.g. WEAP (22 languages)



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Thank you!

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