

Applicability of IHA Sustainability Assessment Protocol in Africa



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- ‘The Hydropower Sustainability Assessment Protocol is a tool that promotes and improves the sustainable use of hydropower. It provides a common language that allows governments, civil society, financial institutions and the hydropower sector to talk about issues of sustainability’

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- 2005-6 tested version 6 of protocol in Zambia
- 2007 Min of Energy & Water Dev signed MOU to participate in the HSAF.
- 2008, Sept. MEWD hosted 3rd HSAF meeting at the Kafue Gorge Regional Training.
- 2009 Tested protocol on Itezhitezhi Hydropower project in Zambia and on Existing Akosombo project in Ghana.
- Forum concluded 2010

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- MEWD's Interest in the Protocol
 - Zambia 98% hydro
 - Issues of resettlement at Kariba still active
 - Developing new hydropower projects therefore looked for a tool to assist with sustainability of hydropower and water resourced projects in general
 - Relevance to the Zambian environment

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- During development phase it was presented at the following gatherings:
 - 21st Africa Hydropower Symposium in Namibia
 - The SADC Electricity meeting in DRC
 - Africa Water Forum meeting in South Africa

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- Protocol launched in May 2011 in Iguassu Brazil.
- Much has happened in Asia, Europe and Asia in advancing and promoting the uptake of the protocol but very little has happened in Africa.

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- **OPPORTUNITIES**

- Only 7% (APPROX 27GW) hydropower developed
- New frontier for investment
- Hydro is identified as one among many tools for poverty alleviation (Mar 2006 Conference of Ministers)
- Climate change mitigation and adaptation
- Clean Water supply and sanitation

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African stands to benefit greatly by developing the remainder of its hydropower potential in the most sustainable manner by using the protocol to help guide its decision making processes.

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Some Barriers to using the protocol:

Lack of information dissemination of the protocol on a wider scale

Lack of willingness for industry players to enlist as sustainability partners (cost?)

Cost of training/Assessments (EU hydro4life)



THANK YOU FOR YOUR
ATTENTION