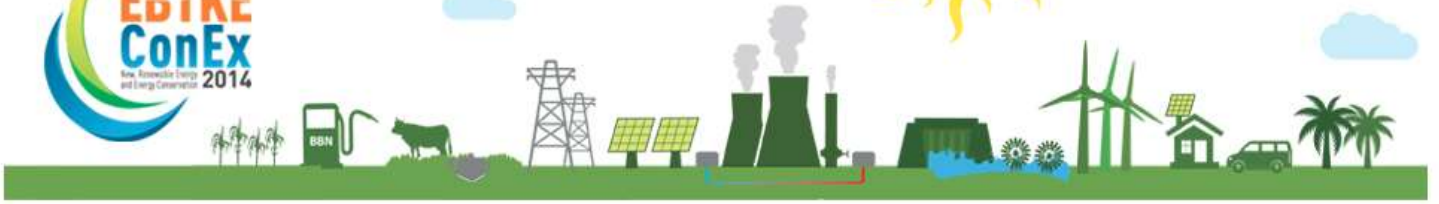




4-6 JUNE 2014  
JAKARTA CONVENTION CENTER



## WORKSHOP: Development of Mini Hydro Projects - ICED Lesson Learned

In Conjunction with  
EBTKE Conex

Friday, 6 June 2014  
10.00 – 17.00

### Background

Directorate General of New, Renewable Energy and Energy Conservation (DGNREEC) and Indonesia Renewable Energy Society (IRES) will held the 3rd annual conference and exhibition on RE & EE, June 4 – 6 2014. This year theme “Time to Deliver Clean Energy for the Nation” will address the issues of policies, implementation challenges and opportunities in delivering the new, renewable energy, energy conservation and efficiency in Indonesia. (further detail about the program: [www.indoebtke.co.id](http://www.indoebtke.co.id)).

In conjunction with EBTKE Conex, USAID Indonesia Clean Indonesia Development (ICED project) will conduct a one-day technical workshop on mini hydro project development where ICED experts and project developers will share the experience on development of hydro projects. Audience will learn on technical elements of projects that should be incorporated or avoided in planning and design for Hydro Projects.

### Objectives

The purposes of the workshop are:

- ✓ Disseminate knowledge and experience on mini hydro project development and operation,
- ✓ Share positive and negative experience and information transfer to avoid difficult situations for future projects;
- ✓ Bring all the stakeholders into a common level

understanding and commitment on good quality of hydro project development

- ✓ Provide a forum for participating parties to share experiences and discuss remedies to project challenges.

### Target audience:

The technical workshop on development of mini hydro projects is for engineers, developers, consultants, Investor/Bank loan and risk officers, and experts/University lecturers of related subjects.



*Hydro Power Potential at Aek Sisira River, North Sumatera*

WORKSHOP AGENDA:

Time	Program
08.30 - 10.00	“Clean Energy Investment Outlook” – Plenary Session by ICED
10.00 - 10.30	<i>MHP Workshop Registration</i>
10.30 - 11.50	<p><b>1st Session</b></p> <p>Government policy on mini hydro project development, by Director of Various Energy, DG NREEC</p> <hr/> <p>ICED experience in assisting hydro project development, by ICED Chief of Party</p> <hr/> <p>Project structure for success - How project risk can be mitigated by rigorous design process and allocated to the proper parties through contracting, by Phil Hoover</p> <hr/> <p>Discussion/Q&amp;A, Moderator: Hanny Berchmans</p>
11.50 - 13.30	<b>Friday pray and lunch break</b>
13.30 - 15.00	<p><b>2nd Session</b></p> <p><b>Lesson learned development &amp; operation</b></p> <p>The presentation will provide common problems experienced and suggestion solution in the ares of: intake and water conveyance design; equipment selection; electrical and interconnection devices; powerhouse configurations; data collections, including geotechnical data; contracting to reduce risk, by Phil Hoover</p> <hr/> <p>Discussion/Q&amp;A, Moderator: Hanny Berchmans</p>
15.00 - 17.00	<p><b>3rd Session</b></p> <p><b>Project developer sharing experience in developing minihydro projects</b></p> <ol style="list-style-type: none"> <li>1. Lesson learned from Mega Power Mandiri</li> <li>2. Lesson learned from H. La Tunrung</li> <li>3. Lesson learned from SKE</li> </ol> <p>Discussion/Q&amp;A, Moderator: Hanny Berchmans</p> <p><b>Good quality project development and operation - a summary</b>, by Phil Hoover</p> <p><b>Closing</b>, by USAID &amp; DGNREEC</p>

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