



International Centre
for Hydropower



Environmental Compliance in Renewable Energy Projects

The case of hydropower

Ladysmith, South Africa
16–20 October 2017

Fee includes course materials,
accommodation and meals

Application
deadline:
15 September 2017
Registration fee:
USD\$ 800



WORKSHOP

Overview

There is a dire need for know-how and practical knowledge on auditing, inspection, monitoring and evaluation in renewable energy projects. Different standards apply and the need to tailor compliance to the specific of project requires understanding and an effective approach.

Well trained environmental auditors and inspectors, can improve an organization's compliance, ensure safety, control risks, improve internal controls, support environmental management systems, identify pollution prevention opportunities and assure meeting established standards. Delivering requires an effective audit/inspection approach, and an understanding of proven audit/inspection/monitoring techniques and industry standards. Importantly how the information gathered and data obtained is to be evaluated requires evaluation skills, which in-part comes about from a good understanding of thresholds and standards.

The course has been designed and developed to prepare participants to perform comprehensive compliance assessments of all types in accordance with internationally and nationally acceptable standards and practices. The course focuses on enhancing knowledge on adapting, employing and implementing appropriate compliance tools. The workshop is presented as a hands-on training based on, among others, ISO 14000, World Bank Group (e.g., industry IFC Performance Standards and Guidance), and donor required standards for individuals with training and experience in environmental and social assessment and management.

Key Words: Renewable Energy, Hydropower, Environmental Standards, Safety, Health, Environmental liability Compliance, Auditing and Inspection, M&E.

Objectives

At the end of the workshop, participants shall be able to:

- Demonstrate effective environmental compliance skills related to different project phases
- Outline inspection/audit program elements through gaining an understanding of compliance tools.
- Explore reporting options in line with international standards, including ISO 14000, donors and IFIs standards



Topics

MODULE 1 Understanding the Environmental Compliance Process (Auditing/ Inspection, Monitoring and Evaluation)

- Renewable Energy sector, Environment and Development. Global and regional perspectives
- Why is compliance to standards needed? Introduction to Major Environmental and Social Challenges: environmental damage, social affects and liability
- Environmental Accounting and the need to manage.
- Environmental and Social Assessments, Management, Planning and Implementation. Standards and indicators. Links to the compliance standards and practice
- What are the international compliance standards that can be used by Auditors and Inspectors? Are approaches/standards all inclusive?

MODULE 2 Principles and Techniques

- Terminology, Definitions and Principles of Auditing/Inspection, compliance needs and the tools
- Planning the Environmental Audit: Process Overview, Scope, Approach/Methods, the Team and Reporting
- Conducting Pre-Audit, and On-Site and Post-Audit Activities
- What do many audits/inspections often lack? Needs and gap assessment and Action plan for compliance. Trends today and why are both environmental and social dimensions relevant.

MODULE 3 Environmental Compliance in Practice

- Environmental Compliance – Site Visit and Report Writing
- Best Practices and Case Studies

Women are encouraged to apply.





Specifics for the course

TARGET GROUP

Senior Industry personnel, Environmental Officers (Auditors, Inspectors, Compliance Managers, ESIA Experts), Planners, Developers, Environmental Media Personnel and other suitably qualified personnel.

GENERAL:

All lecturers and resource persons are well-known specialists within their field, and they have extensive international and regional experience.

Attending the courses is an opportunity to discuss and learn about current environmental issues related to hydropower together with professionals from the continent and abroad. Participants are encouraged to bring along information that can be shared about pending energy and hydropower issues of your interest.

ADMISSION REQUIREMENTS:

- A minimum of about 5 years of working experience is required.
- Applicants should hold an applicable degree or possess relevant background knowledge.
- Proficiency in English is compulsory for all the courses Notice of admission will be given shortly after the application closing date.

ICH reserves the right to accept or reject any applicant on the basis of their qualifications and experience. Women are encouraged to apply,

SPECIFICS FOR THE COURSE:

Information on travel, detailed course programme and other relevant information will be sent to all participants in due course. Participants are expected to arrive at the venue of the course the day prior to the course start, and leave no earlier than the day after end of the course.

COURSE FEE:

The course fee includes lectures, materials, accommodation, meals, a social programme and fieldtrips if applicable.

International travel expenses are not included.

There is a reduced fee for ICH members. A limited number of sponsored seats are available for participants from countries prioritized by NORAD (Norwegian Agency for Development Cooperation).

Those who would like a guaranteed seat on the course should secure their own funding.

MORE INFORMATION:

Information on other courses can also be found on our website: www.ich.no or by contacting carole@ich.no



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