

## ICH - INTERNATIONAL COURSE PORTFOLIO

### 2023









The creation of value is amplified through education. It has the power to transform and moves us to sustainable practices

Welcome!

Laura C. Bull Head of Studies Head Latin America and the Caribbean ICH



# Schedule your agenda



## Rehabilitation and Modernization HP Foundational training

26-28. April 2023

Cluster Affiliation: Operation and Maintenance



#### Our Learning Goals

- Develop competence **in planning and implementing** rehabilitation and upgrading the Hydropower facilities cost-efficient with minimal downtime.
- Develop competence in critical thinking multi-dimensional dynamic risk assessment for rehabilitation planning.

This ICH training addresses the need to look at sustainable asset management over the long term, using a risk management and life-cycle analysis approach to optimize rehabilitation programs and justify the need for such capital to their management.





## Analysis and Review of ESIAs in Hydropower Projects

ICH Value Creation through Education!

#### **New course!**

Application deadline 20th April 2023

Are you keen to engage in an **innovative program of professional development** in the hydropower industry?







To develop competence in the analysis of, environmental and social impact assessments (ESIAs) in the renewable energy sector.

Enhancing skills in communication; synthesizing information for different stakeholders.

- A blended model involving tutorials, one to one mentoring and group work
- Online delivery
- ESIAs in context
- Developing a framework for analysis of ESIAs
- Real-life case studies
- Methods for analysis of elements to understand risk
- Critical thinking, matching risks to appropriate mitigation

#### Multi-criteria Competition Failures Fai

### 🖉 Pilot Program

Are you keen to engage in an innovative program of professional development in the hydropower industry?

Enhance your skills in reviewing, critical thinking, risk identification, mitigation and communication in project documents

ICH invites you to apply for our new seven-week program for practitioners in ESIA review Small group online tuition, tailored to you and your needs

Tutoring from industry experts, hand picked to match your skills

Assignments based on real world projects

Two hour a week commitment over seven weeks

Meet fellow industry professionals from all over the world

Personalized feedback and supportive mentoring to develop competence

Energy connects us, ICH keeps us together!

### Prevention and administration of social and environmental conflicts in the renewable energy sector

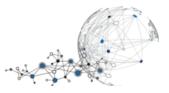
Online Module Global Learning 10-12 May 2023 Application deadline 20th April













The three-day virtual training will provide the theoretical approach and tools to identify and analyze elements contributing to social-environmental conflicts, allowing the development of more assertive approaches to transform disadvantaged situations into opportunities for the benefit of all parties



#### **Our Learning Goals**

The three-day online training will provide the theoretical approach and tools to identify and analyze elements contributing to social-environmental conflicts, allowing the development of more assertive approaches to transform dis advantaged situations into opportunities for the benefit of all parties

This online course aims to provide a foundation for Conflict Management and Conflict Transformation. Topics will reflect the common triggers and risks in conflict with the global context. Leading up to a remarkable professional experience in in-person training in the Regions during Autumn 2023.



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## ENVIRONMENTAL AND SOCIAL MONITORING

Virtual Module Global Learning

#### 7- 9 June 2023

Application deadline 20th May







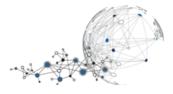


#### **Our Learning Goals**

- Develop competence in the process and tools of analysis of economic, social and environmental impacts of risks related to hydropower that should be consider throughout the project cycle.
- Develop competence in critical thinking concerning multidimensional dynamic risk assessment.



#### The outcome level





Introduction of new practices, guidelines, regulations, or standards securing sustainable hydropower operation or development implemented on a national level.





### ICH Value Creation through Education!

### ELECTRICITY TRANSMISSION AND DISTRIBUTION FOR THE FUTURE



12-16 June 2023







#### Learning goals

- understand how modern transmission-/ distribution-grids work and operate
- know the actors and their role in the power sector.
- know the environmental and social implications of transmission-/ distribution grids.
- understand the importance of the grid for the electricity market



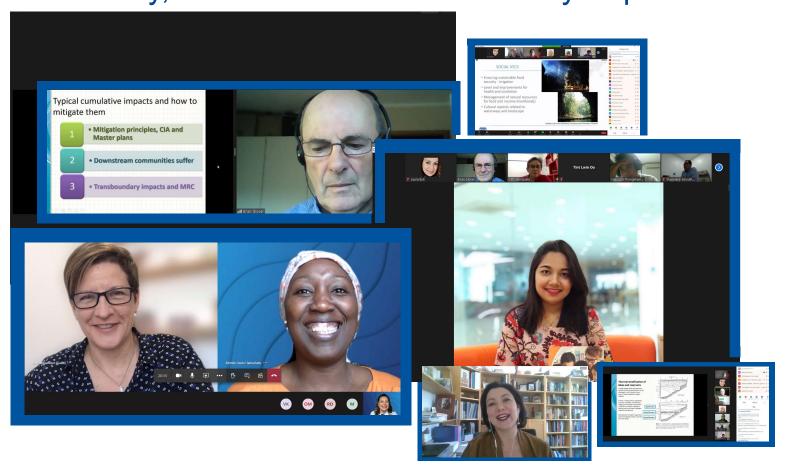
Middle and high management in TSO's, distribution companies, and vertically integrated energy companies with technical background/education

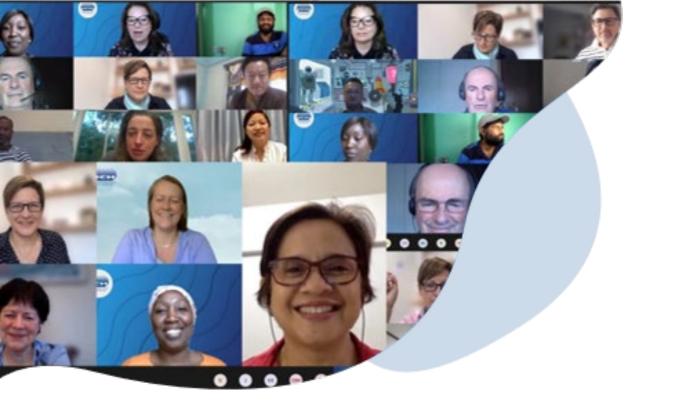
Participants are expected to have thorough knowledge of the technical aspects related to the distribution of electricity.

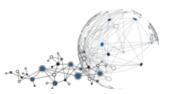
electrical technologies interconnectors Generation active congestion systems route IOIE border cross etc lines distortion components levels management operation storage <sub>I</sub> policy sustainability osses experiences unbalance ancillary thermal filters community treatment stations Social conversion reaching modern Stakeholder limits Basic importance open dips evolution electric impact planning stability short Asset HVDC medium switching Environmental Risk transformers regional main remuneration basics **Operator sources** aspects reactive survey meshed TSO well-functioning inertia dialog radial consumers renewable driver Integration fundamentals safety induced V processes quality regulation frequency regulatory HVAC converter energy change applications networks markets interconnector grids Climate



### **E-learning Course** Sustainability, the business case for the hydropower sector



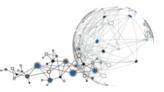






To present the different concepts related to sustainability in a real-world format which will standardize the language among the participants.

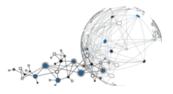
This will be a pre-requisite to apply for all training and education program offered by ICH.



### **Target group**

The course is aimed at personnel from ICH member organizations, as well as to the different stakeholders related to hydropower project planning, development and supervision.





### Methodology

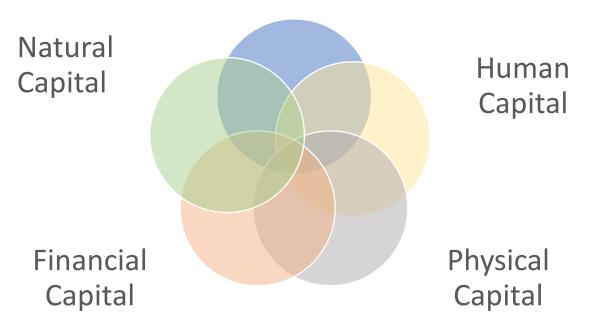
- This is a one-week on-line course that will be available in ICH's virtual training room; it is mandatory and will be available to the candidates before they apply to the different programs of ICH's course portfolio.
- Each topic has been selected considering the relevance for sustainability and governance for the industry within a regional and global context.
- The topics will be developed by specialists in different fields, with vast experience in the hydropower and renewable energy sectors.
- Once completed, participants will receive a certificate that enables them to apply for the different courses offered by ICH.



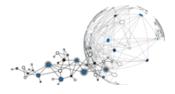
### **Defining sustainability**



Sustainability means meeting our own needs without compromising the ability of future generations to meet their own needs.



## **Dimensions**



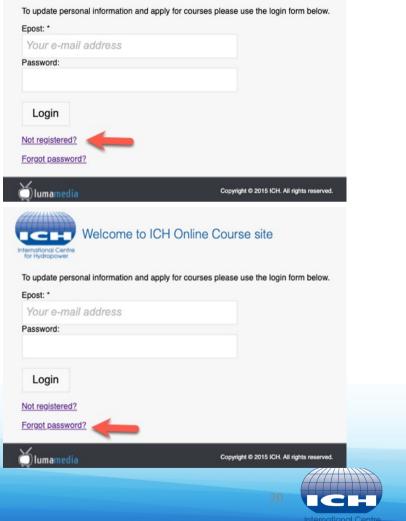
Financial Capital	Natural Capital	Physical Capital	Social Capital	Human Capital	
Governance	Bio-diversity	Infrastructure design	Stakeholder Management	Affected Households	
Supply chain	Climate Strategy	Health and Safety	Political context	Capacity building	
Competitive and profitable	Environmental Risk Management	Resilient structures	Labour practices	Human rights	
Anti- corruption	Circular economy	Maintenance	Gender	Livelihoods	
	Eco-efficiciency		Indigenous Peoples issues	Health	
			Community development		

### How to apply?

#### **Course portal**

- Account registration: Needs a valid email address & password. Minimum 6 characters & at least 1 alphabet & 1 number.
  - Recommend to use a permanent email address that would not need to be changed in the event of employment change.
  - Changing email addresses implies having multiple accounts
- Account activation: After registration, check your mailbox (even spam folder) for email with verification link. Please click the link to active your account.
- **Reset password:** Please click "Forgot password?" link in login page. Fill in your email address & a reset confirmation email will be sent to you. Follow the link in the email to reset password.

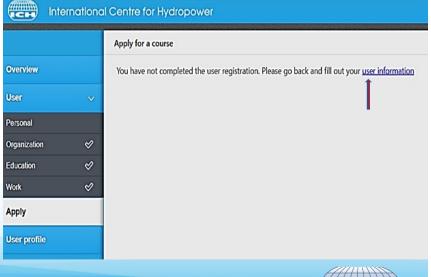




#### Applying for a course

- Comprehensive information requested is very important
  - In our selection process
  - After the courses during reporting to our partners & funders
- Kindly ensure to diligently fill in all required information
  - When you log in, update your profile by going to "Course Status"
  - Or when you click on Apply, follow the process of updating that comes when you click on "User Information"

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- When ICH portal pages are not opening and you get error responses, please get in touch for assistance before you open new accounts
- It could help to check your internet/browser settings and permissions. Opening from another computer with different settings has worked for some people before.

WE'RE LOOKING FORWARD TO RECEIVING YOUR APPLICATIONS!!



