



# Certified Professional for Sustainable Hydropower 2013

COURSES ABOUT CLEAN AND SUSTAINABLE  
ENERGY GENERATION WITH THE MOST  
IMPORTANT ELEMENT ON EARTH: WATER



## Sustainable Hydropower – more necessary than ever

### INTRODUCTION

Hydropower is the backbone of renewable energy. Although traditional there is still a huge development in both design and technology. The continuously increasing economical, environmental and social challenges result in an increasing demand of specialists not only in Europe but all over the world. To become a specialist in Sustainable Hydropower means to acquire the ability of interdisciplinary engineering and the feeling of how to find compromises. Although there already exists some sectoral education in hydropower-related topics like hydrology or turbine technology at different European universities, there is still no comprehensive education offered focusing exclusively on Sustainable Hydropower.

### OBJECT

The course package Sustainable Hydropower is designed to equip the participants with the competence to understand the state of the art on hydropower design and technology. The course aims to improve the understanding of concepts and systems and enhance knowledge regarding tools and approaches. The course will educate those involved in design, engineering and implementation of advanced and sustainable hydropower concepts.

### TARGET GROUP

The courses are tailored to professionals in the hydro power business, to potential investors who want to learn about the background of their business and generally to people who are interested in one of the most colourful sectors of renewable energy.

### CERTIFICATE

A certificate of Professional for Sustainable Hydropower will be provided by Life Long Learning Academy Technikum Wien and ESHA, European Small Hydropower Association, Brussels.

### FURTHER INFORMATION

The lectures will be held at Life Long Learning Academy Technikum Wien in Vienna, Austria in an excellently equipped seminar room close to the city centre. Free internet access, meals and drinks are available during the entire duration of the course. Participants may stay in the location also outside lectures times for studying, internal discussion and group work.



CONTENT	TIME TABLE	FEES
Course 1 – Basics in hydropower	March 12 <sup>th</sup> – March 15 <sup>th</sup> 2013	EUR 1,250
Course 2 – Hydrology, hydromechanics and hydropower resources assesment tools	March 18 <sup>th</sup> – March 22 <sup>nd</sup> 2013	EUR 1,400
Course 3 – Low head design works	April 16 <sup>th</sup> – April 19 <sup>th</sup> 2013	EUR 1,300
Course 4 – High head design works	April 22 <sup>nd</sup> – April 26 <sup>th</sup> 2013	EUR 1,350
Course 5 – Electromechanical equipment	June 10 <sup>th</sup> – June 14 <sup>th</sup> 2013	EUR 1,400
Course 6 – Ecology, conflict solving and due diligence	June 17 <sup>th</sup> – June 21 <sup>st</sup> 2013	EUR 1,350
Course 7 – Study tour	June 24 <sup>th</sup> – June 28 <sup>th</sup> 2013	EUR 1,400

In case of booking more the one course a discount between 5 up to 30 % is granted.

The course fees are including all course material, snacks, meals and drinks. But they are not including accomodation or any travel expenses. The course fee has to be paid prior to the starting of the respective course.

The application form can be downloaded from the webpage indicated below. After sending the application form the applicant will receive a letter of confirmation and an invoice. The application is valid after having paid the course fee. A cancellation one month before the course will start or earlier can be done free of charge. Later cancellations will be charged with 50 % of the course fee.

The number of participants is limited with 20 persons. The application forms will be considered on a first come – first served principle.

#### Duration and date

7 weeks, from March 2013 to June 2013;  
the courses can be booked separately

#### Fees

Entire price 6,615 EUR excl. VAT  
In case of booking 2 or more courses you receive a price reduction of 5% for each course.

The price calculator is visible under  
[www.LLLAcademy.at/registration](http://www.LLLAcademy.at/registration).

For application and further information  
please contact:

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