

# Alessandro Bosio

Hydropower Development

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[ale.bosio@me.com](mailto:ale.bosio@me.com)

## CURRICULUM VITAE

### Personal data

Alessandro Bosio

Born in Vercelli 5<sup>th</sup> January 1970

Via C. Leone, 21 13100- Vercelli- ITALY

### Experience

**Hydropower Development Advisor. Jul 2015 – (current)**

**EPF Energy, Business Development Manager, Jul 2011 - (current)** [www.epfenergy.com](http://www.epfenergy.com)

Director of Hydropower development. Italy, Africa and the Balkans. Sales Manager for North West Italy.

EPF Energy is an EPC contractor specializing in the design and construction of hydroelectric power plants in Italy and abroad. Activities: feasibility studies, project financing due diligence, machines design, installation and commissioning.

**Assorinnovabili (APER), Executive Committee member, Apr 2013 – current**  
[www.assorinnovabili.it](http://www.assorinnovabili.it)

**Assorinnovabili (APER), Member of the Board of Directors, from April 2008 - 2011**  
[www.assorinnovabili.it](http://www.assorinnovabili.it)

assoRinnovabili (Association of producers, industry and services for renewable energy) since 1987, brings together and represents the producers of electricity from renewable sources, providers of professional services, technologies and components.

**Ovest Sesia, Energy Manager, (1999- 2010)**

[www.ovestsesia.it](http://www.ovestsesia.it)

The Association of Irrigation is a farmers consortium since 1853. It operates on an area of about 100,000 hectares mainly in the province of Vercelli, and operates a network of 9,000 km of canals.

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Ovest Sesia owns more than 10 small Hydropower plants oin the canals network.

## Current qualification

Manager

## Activities

### **Italy: Development and feasibility (main)**

- Development of the project for the construction of new hydropower plant (1 MW) on the river Secchia in the province of Reggio Emilia.
- Feasibility study and preliminary design for hydropower plant (0.2 MW) in the municipality of Civiasco (Alta Val Sesia).
- Preliminary design and feasibility study of 6 hydropower plants on the Naviglio Pavese (0.2 to 1.5 MW).
- Development hydropower plant (0.2 MW) 'San Martino' on Canal (built)
- Development hydropower plant (0.2 MW) 'Spinapesce' on Canal (built)
- Development hydropower plant (0.2 MW) 'Salto Oca' on Canal (built)
- Development hydropower plant (0.5 MW) 'Lucca' on Canal (built)
- Development hydropower plant (0,9 MW) 'Petiva' on Canal (built)
- Development hydropower plant (1,2 MW) 'Idrometrica' on Canal (built)
- Feasibility study, preliminary design and business plan, hydropower plant on the Po River 'Lanza' (3.5 MW).
- Due Diligence revamping 5 Hydropower plants (2- 8 MW), Northern Italy – client ENEL Green Power

### **Abroad: Due diligence / technical and economic feasibility studies (main)**

- Due Diligence 4 Hydropower plants (2- 4 MW), region of Cluj Napoca (Romania) - client POYRY ENERGY, ENEL Green Power
- Technical / economical feasibility study for six Hydropower plants (0.5-2 MW) - Kigali (Rwanda) – (EWASA government)

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- Technical / economical feasibility for eight Hydropower plants (0,2-2,5MW) - Kigali (Rwanda) – (REG government)
- Due Diligence 4 Hydropower plant (1.5 MW) District Peskopi (Albania) - private clients
- Due Diligence Hydropower plant 2.5 MW District Burrell (Albania) - private clients
- Due Diligence Hydropower plant 11 MW (Albania) - private clients
- Due Diligence Hydropower plant 'VANSARAL' 4 MW (Turkey) - private clients

### European Union and Public Administration

- Grant EU MEDA Project for industrial use, agricultural and fresh water in the region of Rabat (Morocco) in collaboration with the Piedmont Region, Rhone Alpes (France) and operates integrated water services in the region of Huelva (Spain). Development of the technical model of reuse of industrial water in agriculture.
- Member of the technical committee of the Office Environment Piedmont Region for the drafting of regional regulation 10 / R on the use of public waters (2003).
- Member of the technical committee of the Office Environment Piedmont Region for the drafting of the new regulation of the minimum flow (2005).

## Teaching

- 2002 and 2004 - Turin - HYDROAID. "Management of water resources for irrigation and industry."
- 2007 Delft - University of Delft (Netherlands). training technicians in developing countries for the "energy management of water resources in agriculture".
- 2012 Venice – Unione Bonifiche Venete - "regulations and market"
- 2013 Milan - Italian Energy Group Training "Investing in hydropower in Italy"
- 2013 Verbania - UNI.ARS.VCO. Hydropower in mountain areas, "Hydraulic turbines"

## Education

University of Pavia, Political Science - Economics

Institute ITCG "C. Cavour" - Vercelli. Land Surveyor

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## Training

IIR Italy - Milan 1999

Energy management "Electricity Market"

IIR Italy - Milan 2002

Energy management "New market and green certificates"

LRA - Milan 2006

"Project Financing and evaluating investments in renewables"

APER - Milan 2007

"The production of biogas for production of renewable energy"

## Languages

English

Certificate awarded

City & Guilds Pitman Qualifications- higher intermediate esol

Alessandro Bosio