

## Europass curriculum vitae

### Personal information

Surname(s) / First name(s) **Frosio Nino**  
 Address(es) 14, via Pozzo, 25060, Collebeato (BS), Italy  
 Telephone(s) +39-030/3702371 Mobile: +39-335/438354  
 Fax(es) +39-030/396143  
 E-mail(s) nino.frosio@studiofrosio.it  
 Nationality Italian  
 Date of birth 30.03.1953  
 Gender Male

### Work experience

Dates	From 1981 to 1992
Occupation or position held	Technical manager
Main activities and responsibilities	Project Manger, Designer and Construction Supervisor of many small scale hydropower plants (from 0,2 to 30 MW of installed capacity), even realised on behalf of private companies and Enel, the Italian National Electricity Board
Name and address of employer	Studio Frosio, 9, via P. F. Calvi, 25123, Brescia, Italy Tel.: +39-030/3702371 – Fax: +39-030/396143 – e-mail: nino.frosio@studiofrosio.it Website: <a href="http://www.studiofrosio.it">http://www.studiofrosio.it</a>
Type of business or sector	Small hydro
Dates	From 1992 to the present
Occupation or position held	Technical Director
Main activities and responsibilities	Managing a staff of project managers, designers and technicians specialised in the hydraulic field and particularly in the hydropower plants sector
Name and address of employer	Studio Frosio, 9, via P. F. Calvi, 25123, Brescia, Italy Tel.: +39-030/3702371 – Fax: +39-030/396143 – e-mail: nino.frosio@studiofrosio.it Website: <a href="http://www.studiofrosio.it">http://www.studiofrosio.it</a>
Type of business or sector	Small hydro; hydrological survey, hydraulic engineering
Dates	From 1993 to the present
Occupation or position held	Technical Director
Main activities and responsibilities	Managing a staff of technicians supporting the design activities (topographic survey, flow rate measures, performance tests and so on)
Name and address of employer	Frosio S.r.l., 9, via P. F. Calvi, 25123 Brescia, Italy Tel.: +39-030/3702371 – Fax: +39-030/396143 – e-mail: nino.frosio@studiofrosio.it Website: <a href="http://www.studiofrosio.it">http://www.studiofrosio.it</a>
Type of business or sector	Small hydro power plants; rivers rehabilitation, environmental recovering

Occupation or position held	Councillor
Main activities and responsibilities	Administrative responsibility and technical management
Name and address of employer	Frosio S.r.l., 9, via P. F. Calvi, 25123 Brescia, Italy Tel.: +39-030/3702371 – Fax: +39-030/396143 – e-mail: nino.frosio@studiofrosio.it Website: <a href="http://www.studiofrosio.it">http://www.studiofrosio.it</a>
Type of business or sector	Engineering company
Dates	From 1994 to the present
Occupation or position held	Councillor of APER (Italian Hydroelectric Energy Producers Association)
Main activities and responsibilities	Responsible for the small hydro sector and for the relationship with the EU bodies
Name and address of employer	APER, 27, via Pergolesi, 20124, Milano, Italia Tel.: +39 02 6692 673 - 6698 9268; Fax: +39 02 6749 0140 – e-mail: direzione@aper.it Website: <a href="http://www.aper.it">http://www.aper.it</a>
Type of business or sector	Small hydro
Dates	From 1994 to the present
Occupation or position held	Member of the ESHA (European Small Hydropower Association) Governing Board
Main activities and responsibilities	Italian representative
Name and address of employer	ESHA, 63-65, Rue d'Arlon, B-1000, Bruxelles, Belgium Tel.: +3225461945 – Fax: +3225461947 – e-mail: esha@arcadis.be Website: <a href="http://www.esha.be">http://www.esha.be</a>
Type of business or sector	Hydroelectric plants
Dates	June 2009
Occupation or position held	Qualified lecturer
Main activities and responsibilities	Course-conference on hydroelectric plants
Name and address of employer	Università di Brescia, 15, Piazza Mercato, 25121, Brescia, Italy Tel.: +39-030/2989249 – Fax: +39-030/2989259 Website: <a href="http://www.unibs.it">http://www.unibs.it</a>
Type of business or sector	University seminar on hydroelectric plants in the behaviour of the hydraulic course
Dates	October 2008
Occupation or position held	Qualified lecturer
Main activities and responsibilities	Training session in India: SHAPES within Work Package 6 SHP Solutions for Sustainable Development
Name and address of employer	ESHA, 63-65, Rue d'Arlon, B-1000, Bruxelles, Belgium Tel.: +3225461945 – Fax: +3225461947 – e-mail: esha@arcadis.be Website: <a href="http://www.esha.be">http://www.esha.be</a>
Type of business or sector	University seminar on mini end micro hydroelectric plants
Dates	May-June 2008
Occupation or position held	Qualified lecturer
Main activities and responsibilities	Course-conference on hydroelectric plants
Name and address of employer	Università di Brescia, 15, Piazza Mercato, 25121, Brescia, Italy Tel.: +39-030/2989249 – Fax: +39-030/2989259 Website: <a href="http://www.unibs.it">http://www.unibs.it</a>
Type of business or sector	University seminar on hydroelectric plants in the behaviour of the hydraulic course

Dates 13 September 2002  
Occupation or position held Qualified lecturer  
Main activities and responsibilities Course-conference on "Environmental assessment of the RES plants"  
Name and address of employer APER, 24, Piazza L. di Savoia, 20124, Milano, Italy  
Tel.: +39-02/76319199 – Fax: +39-02/76397608 – e-mail: direzione@aper.it  
Website: http://www.aper.it  
Type of business or sector Follow up course in the environmental protection field

Dates March 1996  
Occupation or position held Qualified lecturer  
Main activities and responsibilities Course-conference on "Design and control of a regulation basin"  
Name and address of employer Genoa University – Genoa Italy  
Type of business or sector Education at university level

Dates March 1995  
Occupation or position held Qualified lecturer  
Main activities and responsibilities Course-conference on "River flow regulation"  
Name and address of employer Genoa University – Genoa Italy  
Type of business or sector Education at university level

Dates From 1988 to 1990  
Occupation or position held Qualified lecturer  
Main activities and responsibilities Courses held to managerial staff of Developing Countries on "Energy in agriculture: general aspects and mini-hydro" (organised by SIES – International School of Solar Energies)  
Name and address of employer Rome, Urbino, Genoa Universities  
Type of business or sector Education at university level

Dates From 1983 to 1985  
Occupation or position held Assistant lecturer  
Main activities and responsibilities Inorganic chemical course for engineer students  
Name and address of employer Brescia University  
Type of business or sector Education at university level

## Education and training

Dates From 1972 to 1980  
Title of qualification awarded Chemical engineer graduate. He disserted a doctoral thesis on "Model of dispersion in the atmosphere of a hot air plume"  
Principal subjects/Occupational skills covered Engineering back ground, particularly in the energy field  
Name and type of organisation providing education and training Politecnico di Milano (Milan – Italy)  
Level in national or international classification University

Dates From 1967 to 1972  
Title of qualification awarded Secondary school degree (BAC)  
Principal subjects/Occupational skills covered Humanistic studies

Name and type of organisation providing education and training

State Liceo specialised in classical studies "Arnaldo" (Brescia – Italy)

Level in national or international classification

Secondary school

### Personal skills and competences

Mother tongue(s)

**Italian**

Other language(s)

*Self-assessment*

*European level (\*)*

**English**

**French**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
4	4	4	4	3
3	3	2	2	2

*(\*) Common European Framework of Reference (CEF) level*

## Additional information

### Key qualifications

- Member of the National record of the Arbitration Camera for the public works.
- Member of Regional (Regione Lombardia) record of the inspectors of public works.
- Expert qualified as Coordinator during design and construction concerning Safety and Health according to the EC Directive 92/57
- Lombardy consultant for regional "class A" dams regularisation - 2003-2005
- Member of the Scientific Committee of the international conference "Hydroenergia '10" held in Lausanne in June 2010
- Member of the Scientific Committee of the international conference "Hydroenergia '08" held in Bled in June 2008 and chair person of the session "SHP Refurbishment"
- Member of the Scientific Committee of the international conference "Hydroenergia '06" held in Crieff in June 2006
- Member of the Scientific Committee and chairman of the conference "Energia idroelettrica: una risorsa da sempre, un salto di qualità" held in Milan in November 2005
- Member of the Scientific Committee of the international conference "Hydroenergia '04" held in Falkenberg in June 2004 and chair person of the session "Environmental aspects of SHP"
- Member of the Scientific Committee of the international conference "Hydroenergia '02" held in Mulhouse (Francia) in June 2002
- Member of the Scientific Committee of the Italian magazine "Energia Blu", specialised in renewable energies problems.
- Member of the Scientific Committee of the international conference "Hydroenergia '95" held in Milan in September 1995.
- Councillor of APER (Italian Renewable Energy Producers Association) since 1994.
- Member of the ESHA (European Small Hydropower Association) Governing Board since 1994.
- Expert nominated by DG XVII and XII of the European Commission in the technical evaluation and review within ENERGIE programme for small hydro field.
- Expert nominated by DG XVII/D of the European Commission in the technical evaluation and review within THERMIE programme for small hydro field.

### Publications

Author of a lot of articles published on specialised magazines:

- Waterpower & Dams Construction "Waterhammer problems and solutions in a long penstock under a small town" - November 2006
- Some chapter of the book "I canali industriali di Gardone Val Trompia" – Massetti Rodella Editori - May 2004.
- "Italia Energia 99-00" - single issue
- "Italia Energia 97-98" - single issue
- "Italia Energia 96-97" - single issue
- "Italia Energia 95-96" - single issue
- "Italia Energia 94-95" - single issue
- "Idrotecnica" July-August 1994
- "The International Journal on Hydropower & Dams" - September 1994
- "L'Energia Elettrica" July-August 1997
- "Water Power & Dam Construction" - June 1988

He presented, as expert in the small scale hydropower plants field, a lot of papers at international sectorial conferences.

- Energie rinnovabili in un'economia globale: "Da speranza a fattore di sviluppo per le economie del Sud del mondo" – Roma 28-01-2010
- HydroEnergy 2009: "Il nuovo idroelettrico: la progettazione fra tradizione, innovazione e sostenibilità" – Milano 25-11-2009
- Klimaenergy 2009: "Il potenziale idroelettrico in Italia" – Bolzano 25-09-2009
- Small Hydro Research & Development Actors Network: "Performance & technical state assessment techniques, overhaul and rehabilitation works " Gdansk - 9-11 September 2009

- CESI Ricerca: Il Mini-hydro: potenzialità, metodologie di valutazione, progetti - Milan 20-11-2008
- IGHEM "Optimization of hydro-power plants: a financial approach in the green certificates frame work" - Milano - Settembre 2008 IGHEM "Optimization of hydro-power plants: a financial approach in the green certificates frame work" - Milano (Italy)- September 2008
- CIPRA meeting 2007 "Le Alpi oltre Tokyo, Il contributo dell'idroelettrico è possibile" - Saint Vincent (Aosta) - 21 Septembr 2007
- "SOLAREXPO 2006" - Vicenza (Italy), 27-29 Aprile 2006
- Vegetalia "Aspetti tecnici connessi con l'utilizzazione idroelettrica dei canali irrigui" - Cremona (Italy) - February 2006
- "Hydro 2005" - Villach (Austria) October 2005
- "Energia elettrica da fonti rinnovabili: opportunità e problemi della piccola generazione distribuita" - Trento, 27 May 2005
- "RINNOVA - Le frontiere dell'energia" - Pisa (Italy), 15-16 June 2005
- "Workshop on Small Hydropower" - Lausanne (Switzerland), 30 June, 1 July 2005
- "Energia elettrica da fonti rinnovabili: opportunità e problemi della piccola generazione distribuita" - Trento (Italy) 27 May 2005
- "Hydroenergia '04" - Falkenberg (Sweden) 17-19 June 2004.
- "The hydro resource in the Piedmont region" - Turin (Italy), 11 November 2003.
- "Solarexpo 2003" - Verona (Italy), 19-22 March 2003.
- "Small Hydro 2000" - Lisbon (Portugal) 8-12 May 2000.
- "Hydroenergia '99" - Wien (Austria) 11-13 October 1999.
- "RES and the new scenario of the energy" - Milan (Italy) 21 April 1999.
- "Financial service for environmental/energy projects" ENEA - Verona (Italy) 26 March 1999.
- "Conferenza Nazionale Energia e Ambiente" - Rome (Italy) 25-28 November 1998.
- "Hydropower into the next century" - Portoroz (Slovenia) 15-17 September 1997.
- "Hydroenergia '95" - Milan (Italy) 18-20 September 1995.
- "Seminar on Small Hydropower Energy in the European Union" - Santiago de Compostela (Spain) 28 "Hydroenergia '93" - München (Germany) 4-6 October 1993.
- "Hydroenergia '91" - Nice (France) 12-15 June 1991.
- "Small Hydro '90" - Kuala Lumpur (Malaysia) 1-5 October 1990.
- "Small Hydro '88" - Cancun (Mexico) 25-29 April 1988.
- "Renewable Energy Workshop" - Montebello (Canada) 17-21 October 1987.

*Nino Fazio*