

Brescia, 8 February 2005

LUIGI PAPETTI

- 1) Family name: **Papetti**
- 2) First name: **Luigi**
- 3) Date of birth: **October, 19th 1964**
- 4) Nationality: **Italian**
- 5) Civil status: **Married – 2 sons**
- 6) Education

Institution	State Liceo specialised in classical studies “Arnaldo” (Brescia-Italy)
Date:	From: 1978 To: 1983
Degree obtained:	School-leaving certificate in a classical Liceo – final result 54/60

Institution	Politecnico di Milano (Milan-Italy)
Date:	From: 1983 To: 1990
Degree obtained:	Chemical engineer graduate. He disserted a doctoral thesis on “Fluid dynamic and thermal aspects of oil torches on off-shore platforms” – final result 96/100

Institution	Politecnico di Milano (Milan-Italy)
Date:	From: 1990 To: 1994
Degree obtained:	Hydraulic engineer graduate. He disserted a doctoral thesis on “Hydroelectric energy: comparison between a small pumped storage plant and a pondage plant” – final result 90/100

7) Language skills: (1 to 5 for competence)

Language	Reading	Speaking	Writing
Italian	5	5	5
English	5	5	5
French	1	1	1

Spanish	1	1	1
---------	---	---	---

8) Membership of professional bodies

Member of Italian Engineering Association (Brescia section) since 1990. The membership, obtained by examination, is required by Italian law to carry out designing, construction supervision, sworn reports and to practise profession.

9) Key qualifications

- Expert nominated by DG TREN contract nr. EE-D/EE19982B0889/01-2002 for the evaluation of project proposals submitted with deadline 14/12/2001 in the framework of the programme “Energy, environment and sustainable development”, Part B: Energy. I took part in the evaluations of the following panels:

- Panel 1: Sustainable Communities
- Panel 3: Wind Energy
- Panel 5: Other RES (specifically related to Small Hydro plants)
- Panel 6: Rational Use of Energy in buildings

- Expert nominated by DG TREN contract nr. EN-D/EE19982B00889/04-2001 for the evaluation of project proposals submitted in the framework of the programme “Energy, environment and sustainable development”, Part B: Energy; the evaluation took place in April 2001. I took part in the evaluations of the following panels:

- Panel 5: Other RES (specifically related to Small Hydro plants)
- Panel 6: TA fuel cells, Rational Use of Energy in buildings and industry

- Put in charge of the structural and hydraulic design and of the hydrological and environmental problems connected to small scale hydropower plants realisation.
- Put in charge of the 5FP and THERMIE A and B projects within Studio Frosio.
- Put in charge of the abroad projects within Frosio S.r.l. and Frosio s.r.l.
- Structural Designer and Structural Supervisor of many small scale hydropower plants.
- Expert in design of uprating and refurbishing of small and medium small hydro plants.

10) Other skills

Expert in environmental problems connected to small hydro plants and river protection systems.

Expert in computer modelling of hydraulic phenomena.

Expert in quality management systems for consulting engineers companies

11) Present position

- Put in charge of the structural and hydraulic design and of the hydrological and environmental problems connected to small scale hydropower plants realisation.
- Councillor of Frosio S.r.l. (company controlled by Studio Frosio) since 1992.
- Put in charge of the 5FP and former THERMIE A and B projects within Studio Frosio.
- Put in charge of the abroad projects within Frosio S.r.l. and Studio Frosio

- Quality Assurance Manager (according to EN-ISO 9001 standard) of Studio Frosio

12) Years within the firm

He is collaborator of Studio Frosio since 1990.

He is partner of Studio Frosio since 1992.

13) Professional Experience Record

Date	March 1995
Location	Genoa (Italy)
Company	Genoa University
Position	Qualified lecturer
Description	Course-conference on "River flow regulation"

Date	March 1996
Location	Genoa (Italy)
Company	Genoa University
Position	Qualified lecturer
Description	Course-conference on "Design and control of a regulation dike"

Date	October 2000
Location	Spittal (Austria)
Company	Teknikum Karnten
Position	Qualified lecturer
Description	Conference on "Environmental Impact Assessment of small hydro plants"

Date	October 2000
Location	Milan (Italy)
Company	Regione Lombardia (regional authority)
Position	Qualified lecturer
Description	Conference on "Environmental Impact Assessment of small hydro plants"

Date	November 2000
Location	Florence (Italy)
Company	Provincia di Firenze (local authority)
Position	Qualified lecturer
Description	Conference on "Environmental Impact Assessment of small hydro plants"

	plants”
--	---------

Date	November 2000
Location	Potenza (Italy)
Company	Regione Basilicata (regional authority)
Position	Qualified lecturer
Description	Conference on “Environmental Impact Assessment of small hydro plants”

14) Publications

Author of articles published on specialised journals:

- “Italia Energia 95-96” - single issue
- “Italia Energia 96-97” - single issue
- “Hydroenergia 99 in Wien” - proceedings
- “Small Hydro 2000 in Lisbon” – proceedings
- “Drittes anwerdenforum – kleine Wasserkraftwerke” – October 2000 - proceedings
- Co-author of the “Guide to the Environmental Approach and Impact Assessment of the Small Hydro Plants” prepared for the EC within the THERMIE B project (DIS-2037-I)
- “Hydro 2003” – Dubrovnik (Croatia) – October 2003
- “Solarexpo 2003” – Verona (Italy) 19-22 March 2003.
- “Hidroenergia '04” – Falkenberg (Sweden) 17-19 June 2004
- “Fish ladders and SHP” - Vienna (Austria) 05 October 2004
- “Artificial fish passages” – Bergamo (Italy) 25 January 2005