

## PERSONAL INFORMATION

Name **LUCA DEGIORGIS**  
Address **VIA GOITO 16 – 10125 TORINO - ITALY**  
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E-mail **luca.degiorgis@gmail.com**  
Nationality **italian**  
Date of birth **08/07/1973**  
Family **Two children, Pietro e Anna**

## EDUCATION AND TRAINING

- Date 2003
- Name and type of organisation providing education and training Politecnico of Turin, Master Degree in Mechanical Engineering
- Principal subjects/occupational skills covered Chemistry, mathematics, physics, building physic, mechanic, engines and burners, biomechanics, buildings
- Title of qualification awarded Doctor in Engineering
  
- Italian National Examination Engineer
  
- Date 2009
- Name and type of organisation providing education and training Politecnico of Turin, PhD in Energetics
- Principal subjects/occupational skills covered Thermal and electric energy conversion and use, Renewable Energies, Building Physic, Efficient Use of Energy, Management of Innovation
- Title of qualification awarded PhD in Energetics

## WORK EXPERIENCE

- Dates (from – to) 2003 – to now
- Name and address of employer **LUCA DEGIORGIS ENGINEER ENERGY EFFICIENCY DESIGN AND PLANNING STUDIO**
- Type of business or sector Energy system consultancy, planning and design
- Occupation or position held Engineer
- Main activities and responsibilities Customer care, Project management, technical development and heading of works for construction of HVAC (Heating, Ventilation and Air Conditioning) plants, for private and public customers
  - Many solar thermal systems developed, in the range of 4 to 300 m<sup>2</sup> Development of special contracts for solar thermal plants. Solar cooling plant design and monitoring. Large scale solar systems, solar district heating plant design and consultancy.
  - Special focus on solar and biomass heating systems, **low consumption houses** (many projects from single family houses to multi

storage buildings), swimming pools HVAC plants with high efficiency heat recovery

- Design of the insulation, thermal plant and solar cooling system of an **energy active house**
- Consultancy and planning for private customers, engineers and architects, plant and building developers, public offices
- Fund raising for renewable energy projects

• Dates (from – to) 03-2007 – 2011

• Name and address of employer IPLA – Istituto per le Piante da Legno e l'Ambiente S.p.A., Torino, Italy

• Type of business or sector Applied research and plants design on renewable energies

• Occupation or position held Member of renewable energies operational unit

• Main activities and responsibilities Improvement and dissemination of “good practices” about renewable energies, analysis and evaluation of energetic systems and plants, design of heating network fedded by biomass burners. Development of the proposal and project management of the accepted for funding EU Alpine Space ENERBUILD Project.

• Dates (from – to) 2003 – 2007, 2011 – to now

• Name and address of employer Politecnico di Torino, Italy

• Type of business or sector Research, teaching

• Occupation or position held PhD student, fellow researcher at Energetic Department of Politecnico di Torino

• Main activities and responsibilities Research on solar and biomass use, energy efficiency in buildings, hydrogen production from renewable energy (development of a direct high pressure hydrogen PEM electrolyzer). Work in National Research Program (FISR) in Hydrogen production and in consultancy for private commitments. Students assistance for degree and master degree thesis  
Honorary Fellow in Thermal Plants

• Dates (from – to) 2011 – to now

• Name and address of employer Politecnico di Torino, Italy

• Type of business or sector Teaching

• Occupation or position held Adjunct Professor for the course of Thermal Plants, Energy and Technology for the Environment

• Main activities and responsibilities Provide lessons and examinations in the field of thermal energy use and conversion.

**PERSONAL SKILLS AND COMPETENCES**

Mother tongue **Italian**

Other languages

Self-assessment

European level (\*)

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user

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

**SOCIAL SKILLS AND COMPETENCES**

Perseverance, stress management, initiative, problem solving, creativeness, communications strategy, motivation, optimism

ORGANIZATIONAL SKILLS AND COMPETENCES	Human resources management, teamwork, negotiation Problem solving, team organization, job earning and carrying it out
TECHNICAL SKILLS AND COMPETENCES	Design of Thermo mechanical plants, building physics, renewable energies. Energy simulation software
OTHER SKILLS AND COMPETENCES	Boat skipper, mechanics works on motorbikes and cars skillness, mountain bike
DRIVING LICENCE(S)	A, B, seamanship
<b>ADDITIONAL INFORMATION</b>	Author or co-author of 5 scientific publication Registered at Italian Professional Engineer Order Co-founder of ECOJoule Srl Counsellor of Società Ingegneri e Architetti di Torino Member of Commissione Energia e Impianti Ordine Ingegneri di Torino

I hereby authorize the use of my personal details by the current laws