

Carlo Duci



Work Experience

Self employed, Carlo Duci

EGE and Energy Manager

(August 2023 – actual job)

Energy manager for industry, energy efficiency, energy audit (DL 102/14), technical and economics feasibility studies, technical consultancy for ISO 50001, carbon footprint.

AERE srl, Strada provinciale 91, n 3 Castelli Calepio (BG)

Energy Manager @ AERE

(June 2019 – July 2023)

Energy manager for industry, specialization in rubber and plastic industry, cogeneration plants, air compressor system and life cycle assessment.

Ayes srl Management and Tecnology Consulting, Bland Tower, piazza IV Novembre, 7 20124 Milano

Project Engineer @ ABB

(May 2018 – May 2019)

Medium voltage project engineer, circuit diagrams design. MV circuit breakers and protections relays.

EVA Energie Valsabbia spa, via Bariaga n.8 Gavardo (BS)

Power Plant Electrical Designer and Management

(February 2015 – October 2017)

Grid connection, electrical design and, on site commissioning of small hydraulic power plant (100kW-2MW). Photovoltaic and Hydro power plant remote supervising and control. Remote and on field maintenance.

Ecopiu srl, via Verga 6 – Villongo (BG)

Photovoltaic Power Plant Designer

(June 2011 – September 2011)

Photovoltaic design of civil and industrial power plant. Supervising on building site.

Gervasoni Graziano & Francesco Snc, via Crodarolo 11, 24067 Sarnico (BG)

Apprentice Plumber

(Summers 2008, 2007 and 2005)

During three summers I learnt how to work on a constructions site and repair hydraulic and gas plant. I improved my manual skills and learnt how manage technical devices.

Languages skills

Italian	●●●●●
English	●●●●○
Portuguese	●●●○○
Spanish	●●●○○
Regional dialect	●●●○○

Computer skills

Office	●●●●●
Word	●●●●●
ElettraCAD	●●●○○
EPLAN	●●●●○
Matlab	●●●○○
Autocad 2D	●●●○○
C++	●●○○○
Latex	●●●○○
SAP	●●●○○

Education

Università degli Studi di Padova

Master degree in Energy Engineering

(October 2011 – April 2014)

Theoretical and applied knowledge in heat transfer, conventional and renewable power plants, devices for industrial measures, turbomachinery, building's energy consumption, energy economy.

Thesis: Design and model of an integrated power system for desalination and power generation in rural and isolated areas. Final mark: 96/110

Instituto Politecnico do Porto – ISEP

Erasmus in Energia sustentável

(September 2012 – June 2013)

Two semester erasmus at IPP - Instituto Politecnico do Porto (Institute of technology of Porto).

Knowledge in renewable energy (wind, biomass, solar and geothermic) and environmental resources.

Università degli Studi di Pavia

Bachelor degree in Electric Engineering

(October 2007 – April 2011)

Knowledge in electrical engineering, power plants, steam production, electrical distributions, electronic devices for power generations.

Thesis: Technologies for lighting improvements. Final mark: 92/110

IIS Marzoli – Palazzolo S/O

Industrial Secondary School - Electronic

(September 2002 – July 2007)

Knowledge in electronic, electricity, telecommunication and IT. Final mark: 74/100

Professional training

- EGE – Esperto in gestione energia April 2022 - ID credenziale ICIM-EGE-023923-00
- Industrial refrigeration course – 4 hours 28/4/2021 – FIRE
- LCA – life cycle assessment. Base course 23-24-25 Settembre 2020 – Politecnico di Milano
- Air compress intensive course - 4 hours 14/5/2020 – FIRE
- PES PAV CEI 11-27 IV – 16 hours 22/11/2016_29/11/2016 - SAEF

Personal Skills

- Technical and manual skills: able to work with electric, electronic devices, mechanic, and hydraulic tools and well-experienced in woodworking.
- Good social and relation skills for work in a team. Creative approach to projects and excellent problem solving skills.
- Full driving Licence

Personal education

CAI di Lovere (BG)

Alpinism course – 2012

AIPOL – Associazione Interprovinciale Produttori Olivicoli Lombardi (BS)

Olive trees pruning course - 2014

AAL – Associazione Apicoltori Lombardi (BS)

Introduction to Beekeeping course - 2014

Cile, Argentina, Bolivia

Trip around South America and Volunteering - November 2017 - April 2018

Privacy

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