

PERSONAL INFORMATION **Eros TASSI**

JOB APPLIED FOR	o whom it may concern
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WORK EXPERIENCE

(2011-today) **Energy Management Expert**
Freelance

Starting from my past experiences in tr_ ..._.... ”

- National Centers, from 2011 I work as Independent Consultant, assisting Companies and Customers in energy projects. I am Certified as EGE (Energy Management Expert), according to UNI 11339 and Coordinator of the Tech-Sci Committee of ASSOEGE (the Italian EGE association). Among my collaborations, I am Energy Expert Evaluator on behalf of CSEA (Cassa Servizi Energetici&Ambientali) and of EU projects (e.g. H2020). Below, some representative assignments I implemented in this period follow:
- Designer and lecturer of a 40 hours in presence training course on "Strategic Energy Management" for the Padania Acque Technical Board (2022-23).
- Lead Energy Efficiency Auditor in Industrial and Civil sites; Assistant in Energy applications (i.e. tendering, feasibility, incentives, negotiation, etc.); support of Companies and Organisations on the regulatory framework (i.e. on ISO 50001, energy monitoring systems, distributed generation, regulatory framework and incentive schemes). Feasibility Study, Design, Tendering & Business Assistance in Distributed Generation and Stand Alone energy systems (2011-today).
- Technical Consultant (CTP) in legal debates concerning energy issues (2020-today)
- Evaluator of the Energy Research National projects, funded by the Ministry of Energy Transition, on behalf of the CSEA (Cassa Servizi Energetici e Ambientali), 2020-ongoing.
- Member (and from 2020 Coordinator) of the Technical Scientific Committee of ASSOEGE, where among others theme I support the thematic groups on "Energy Communities" and "Energy Accounting", where we are developing a methodology to standardise the energy balance of an organisation, in collaboration with FIRE (2016-Ongoing).
- Consultant for **Artelia** engineering: Energy Efficiency Expert in auditing Amazon sites, performing feasibility studies and following its Energy Management and Sustainability Programs (2020-ongoing) - Potential Study of Floating Photovoltaic for several East European Countries, on behalf of the **European Bank of Reconstruction and Development, EBRD** (2018). Technical Manager in the Development of an Energy Efficiency Business Unit, performing or assisting Artelia in about 80 energy efficiency audits to Eni Gas & Power's Customers&Prospects; leader of the Energy Audit Team on the Api refinery of Falconara; assistance in business development, personnel recruiting, etc.; support to the follow up of the work performed in 2015: mainly, proposal manager to the 2015 job subjects for services following the 2015 energy audit (implementation of monitoring systems and ISO 50001 energy management systems) (2015-2021).
- **EU's Expert Evaluator** on the Horizon 2020 Framework Low Carbon Energy (2015 — 2020)
- developer of a Business Unit in Energy Efficiency for "the IT Group"; among the projects: 5 Energy Efficiency Audits in industrial plants (Syndial, Eni group); for each one, energy audit and

feasibility studies of the defined measures; Front End Engineering Design of some measures considered in the previous audits
Energy efficiency studies for the Priolo site seawater pumping system; experimental testing for some of the suggested measures (CCGT condenser cooling) (2011-2013).

business or sector: Energy efficiency and Distributed Generation. Technical Assistance, Business Development, Design and Energy Projects review; Energy technologies assessment

(2008-2010)

Technical Manager of the Energy Efficiency and Climate Change Business Unit

MWH Italia s.p.a., *Centro Direzionale Milanodue, p.zzo Canova, Cologno Monzese (MI), Italia*

- Technical and scientific leader for the Energy BU (a team of 20 engineers):
Team leader in performing **energy efficiency audits in several industrial sectors**, (Italy, Russia, Ucraina, Kazakhstan, Azerbaijan, Montenegro), mainly for EBRD
 - Bank Advisor in **energy contracts & business (power generation)**, selling of **by-process** gases in an oil field in Siberia; **Cogeneration in a steel factory** N of Moscow; construction of an industrial plant for the **production of thin film PV** panels in Sicily)
 - Thermofluidmechanical design of heat production and distribution systems (Agip KCO, Kazakhstan)
 - Tecnichal due diligences (**PV**; wood biomass **gassification plant**)
- Development and use of a model for the price prediction of Green Tags, for evaluation focused on a biofuel plant

Business or sector: Energy (Assistance in Energy Business & Financing)

(2000-2008)

Senior Energy Expert & RdS Researcher

CESI s.p.a. *viale Rubattino, Milano, Italia. Including early 2000's, when CESI also contained CESI Ricerca, origin of the today's RSE ("Ricerca per il Sistema Energetico", GSE group)*

- Responsible of several strategic projects on the National Program for the Research in the Energy System; between them, SVALTER project, on the potential of District Heating by CHP in Italy.
- Member of projects for the European Community (ENIRDGnet: "European Network for the Integration of Renewables and Distributed Generation", Leader of WP5 on "Business Terms and Commercial Practices")
- Feasibility Studies for **Cogeneration** (between them: AOUC Careggi, Montefibre, SILO, Deutsche Bank)
- Consultant and Member of the tendering Committee in the **project financing for Cogeneration** (Careggi hospital); feasibility study and tender preparation for similar initiative for Livorno hospital;
- Responsible and/or key expert in strategic projects for National Governments (potential of **Cogeneration** in Serbia, funded by World Bank, as Project Manager and Cogeneration key expert; Compatibility of the transmission network of Ukraine with UCTE, funded by UE, **as Power Generation key expert**)
- **Consultant of GSE** (the Manager of the Italian Energy System) for the technical annex to the Decree on Green Tags on CHP District Heating

Business or sector: Energy, mainly on Distributed Generation, Cogeneration, District Heating, Final Uses. Assistance, Study and Development and Research.

(1988-2000) Thermofluid-dynamic modelist for thermal plants

- **Cise s.p.a.** *via Reggio Emilia, Segrate (MI); during 1999, transition with professional continuity in Enel Ricerca.*
- Engineer in the thermofluid-dynamics modeling section, of Cise Power Generation Division; then, similar position in Centro Ricerca Automazione (ENEL Center of Research in Automation).
- R&D in thermal plants simulators of Enel, versions: a)for engineering b)for plant operators training
- Use of the same simulators for Enel needs, both of a) and b) type
- Lecturer in thermodynamics and heat transmission on thermal plants for plant operators, Enel training school

Business or sector: Energy (Applied Research and Development in Power Generation)

EDUCATION AND TRAINING

2019, July	International cooperation for the development: roles and opportunities for the technical professions, Monza 12 June 2019.
2019, June	Technologies and applications of electrical energy storage systems. State of the art, system sizing and future prospects ("Storage", Order of Engineers of Monza 12 June 2019 Speakers: Ing. Michael Metzger Ing. Marco Pigni)
2018, November	The internationalization of the engineer OPPORTUNITY IN GLOBAL SCENARIOS, Monza, September 2018.
2018, September	The dynamic hourly calculation introduced by the new UNI EN ISO 52016, Monza September 2019.
2017, June	Convegno mcTER su Cogenerazione ("CHP", held by mcTER, San Donato Milanese, Milan)
2017, April	Convegno mcTER su Contabilizzazione calore ("Heat metering", held by mcTER, San Donato Milanese, Milan)
2017, April	I sistemi di gestione dell'energia: un trampolino per il futuro e la facilitazione dei contratti EPC ("Energy Management Systems, a launch pad for the future" and "promoting the EPC contracts", held by FIRE, Milan)
2017, February	Il trattamento dell'acqua negli impianti di fornitura calore ("Water treatment on Heat Plants", seminar held by Chilichemie, Monza)
2016, November	Innovazione e sostenibilità energetica negli impianti del petrolchimico (innovation and energy sustainability in petrochemical plants), Milan, by McTer&eiom fiere
2016, October	Gli strumenti operativi per l'estimo industriale (operational tools & methodologies for the industrial estimation), Monza, by Ordine Ingegneri Monza e Brianza.
2016, September	La termoregolazione e contabilizzazione in condominio dopo le modifiche al dlgs 102/14 (thermal control and heat accounting in centralised system after the updating of 102/14 decree) Monza, by Ordine Ingegneri Monza e Brianza.
2016, June	mcTER mostra convegno sulle soluzioni e tecnologie per Cogenerazione, impianti a Biomasse, impianti a Bio-Gas / Biometano, Pompe di Calore e Geotermia, Contabilizzazione Calore. (exhibition on CHP and related technologies), Milan, by EIOM fiere.
2015, October	Il ruolo futuro dell'EGE secondo norme UNI 11339 (the future role of the Expert in Energy Management according to 11339 stds), Monza, by Ordine Ingegneri Monza e Brianza.
2015, September	Corso di Domotica, (8 ore corso on fine con verifica finale) tenuto da ing. Quaranta, Unione Professionisti con verifica finale.
2015, September	La riqualificazione della Centrale termica, tenuto da Caleffi presso Monza, by Ordine Ingegneri Monza e Brianza.
2015, April	EnOcean Technology, protocollo wireless std. Internazionale in ambito domotico e i building automation, Monza, by Ordine Ingegneri Monza e Brianza.
2015, February	La valorizzazione della proprietà intellettuale, Brevetti, Camera di Commercio, Monza
2014, June	Oltre l'efficienza energetica: sostenibilità e qualità nella progettazione e nella riqualificazione degli edifici, Monza, 4 hours, organised by Ordine Ingegneri Monza e Brianza.

2014, May	Il linguaggio che convince: come influenzare efficacemente l'interlocutore, Como, by ordine Ingegneri Como, 8 hours.
2013, November	Corso Formazione sulla sicurezza nei Luoghi di Lavoro: rischi Generali (4 ore) e rischi Specifici (4ore), secondo 81/08. Rischio Basso (Education on safety, General and Specific, 8 hours). The IT group s.r.l., San Donato Milanese (MI).
2013, March	Energy Efficiency Tags 2013-2016: focus on the new decree Aghape, via Matteotti, 38 40024 Castel San Pietro Terme (BO)
2013, January	Conto Energia Termico (an Italian support tool for energy efficiency, mainly in Public Administration) Aghape, via Matteotti, 38 40024 Castel San Pietro Terme (BO)
2008, April	Management and Negotiation on the Electricity and Gas markets CSE s.r.l. Pavia National market structure for both the energy vectors, analysis of the supply contracts to the light of the user's demand profiles and characteristics, of the proposals comparisons and of the negotiation margins.

2018-2021 Member of the Board of the Order of Engineers of Monza e Brianza

Member of the Board, and delegate of the Board in the Regional Lombardy (CROIL) Commission of "Sistemi Energetici", where I was secretary. I also was coordinator of the Energy Systems Commission of the Monza's order.

2016-ongoing Member (and coordinator from 2020) of the Technical-Scientific Committee of ASSOEGE.

ASSOEGE is the National association of the certified Experts in Energy Management

2015, July Abilitation as Expert in Energy Management (Civil and Industrial) ICIM s.p.a..

Following Accredia's verification scheme, Legal Certification of the compliance to the UNI 11339 requirements. Both qualifications maintained up today and recently renewed.

2001, October — 2003, October Master in Rational Use of Energy

Ministry of University and Research i CESI

57 days on education of managers for the research in energy sector; the master concerns both different themes on energy sector, both cross themes as the technical and economic management of project, commercial and marketing issues, interaction and communication with all the figures typically involved in the business, self and external motivational analysis

1987, June Abilitation as a Professional Engineer

Politecnico di Milano

Today : Member of the Order of Engineers of Monza, id 2499MB

1987, January Mechanical Engineering Degree

Politecnico di Milano

Address: Costruttivo Motoristico (Engine Construction, address included of the former Energetics Institute)

Rating 98/100, with a thesis on laser anemometry on experimental models on reciprocating engines

PERSONAL SKILLS

Mother tongue **Italian**

Other languages

UNDERSTANDING

SPEAKING

WRITING

	Listening	Reading	Spoken Interaction	Spoken Production	
English	B2	C1	C1	B2	C1
French	B2		B2	B2	C1

Levels: A1/2: Basic user - **B1/2: Independent user** - C1/2 Proficient user

Communication skills

- Long experience in interaction with project teams, colleagues, collaborators, consultants, partners, clients and beneficiaries
- Interaction with the plant staff, achieved during the number of visits made (energy efficiency audits, inspection, due diligences and project monitoring campaigns, on behalf of different Clients, a number of them being Investment Banks)

Organisational / managerial skills

- Experience in Project Management
- Particularly, strong experience in managing agendas when an efficient time use is fundamental: organisation of the preliminar material collection and analysis, visit scheduling from the kick off to the wrap up, with interaction with the team and with the site personnel, but with reactive conduction; preparation of the requested reports

Job-related skills

35 years dedicated to energy, achieving an outstanding background on the whole energy supply chain, but also the analytic capacity to enter into new problems; **strong orientation to obtain effective results: sensitivity and passion** to provide a priority scale of the outputs of a project and a synthesis able to **inform action plans**. The pattern followed in primary organisations, from the big size power generation trough distributed generation, up to final uses, assures a **technical background of remarkable thickness**. **Strong familiarity with the role of Consultant** (Industries, Banks and Private 3rd parties, States, Regulators) and **strong attention to the regulatory and economic context**. Solid preparation in **energy economics**.

Computer skills

- Full, professional use of the standard Microsoft Office package
- Skilled in the use of Plant Simulation Software, as Thermoflow packages for power generation or RetScreen for District heating and Energy Efficiency;
- Orientation to a Modeling Approach of the Processes and Phenomena, included implementation and use.
- Familiar with the most used communication social media

Other skills

Practitioner of mountain and open air sports; passionate 360° reader (economics, society, world problems, history and narrative); music (amateur piano player)

Driving licence

International licence for driving cars and motorbikes

ADDITIONAL INFORMATION

Publications

- As a lecturer, several webinars or in presence events held on the "Energy Communities" in last months (2021-today)
- "Gestione dell'Efficienza Energetica: il ruolo dei professionisti", La termotecnica, ottobre 2019, E.Tassi, F.Baretich.
- Coauthor (within the ASSOEGE Technical Committee) **SISTEMI DI GESTIONE DELL'ENERGIA ISO 50001-Scenario di riferimento e Prospettive Future: Analisi dello stato di attuazione e proposte AssoEGE per uno sviluppo ottimale.** ("ISO 50001 Energy Management Systems — reference scenario, future perspectives, state of the ad analysis and ASSOEGE proposals for ari optimal developmenn, 2017 October
- Coauthor (UNIBS Water group): **"Il risparmio energetico nei sistemi di approvvigionamento idropotabile: captazione, trattamento e distribuzione"** (Energy consumption in drinking water supply systems: uptake, treatment, distribution), book, Maggioli editore, 2013, December.

Speaker/lecturer

- Eros Tassi: **"Gestire l'energia nelle attività produttive"**, (Energy Management in productive activities) ebook, 2014, March, 212 pages, ed. B2corporate, (www.B2corporate.com)
- Coauthor (UNIBS Water group): **"Consumi energetici ed efficienza energetica nel trattamento delle acque reflue"** (Energy consumption and energy efficiency in wastewater treatment plants) book, Maggioli editore, 2013, December.
- Eros Tassi, Manlio Rossini: **"Valutazione e riduzione dei consumi energetici negli impianti di trattamento delle acque di falda"**, (Evaluation and reduction of the energy consumption in groundwater treatment plants) poster for Ecomondo 2012, "il consumo energetico negli impianti di depurazione", congress.
- Eros Tassi, Manlio Rossini: **"Quale ruolo per l'efficienza energetica negli impianti di trattamento delle acque di falda?"** (what is the role of energy efficiency in groundwater treatment plants?), n.4 2012, article for "Tecnologie e Soluzioni", magazine of "Il sole 24 ore" group.
- Eros Tassi: **"Come si esegue un audit energetico in uno stabilimento industriale"** (How to perform an energy audit in an industrial site) n.3 2011, article for: "Tecnologie e soluzioni", magazine of "Il sole 24 ore" group.
- Speaker at the seminar **"Monza efficient city: clear agreements for the sustainability of the buildings"**: inauguration (2019 July 10th) and following evenings in public events. Monza, Italy.
- Lecturer of: **"Energy Audits: the Italian framework from the 102/2014 decree up today"** 2019, May, Monza, a seminar on Energy Monitoring Systems.
- Eros Tassi **"Stand alone Energy Supply System: design guidelines"** (speaker). The memory includes the development of a case study on the stand alone energy supply of an hospital on an African plateau (see Conf & Seminars, below); proposal writer for energy projects. Inserted in the seminar "Cooperazione Internazionale: Progettazione sostenibile" (in the managing staff of the Coop Int Commission) Monza, 2017, March.
- Eros Tassi: **"Sistemi di gestione dell'energia"** (Energy management systems), Mortara, 50th day of study organised by "Ingegneria Sanitaria Ambientale UNIBS", energy saving in water treatment plants, 2014, June.
- Eros Tassi, Vincenzo Riganti: **"Quadro legislativo e normativa volontaria sul risparmio energetico negli impianti del servizio idrico integrato"** (Regulatory framework and voluntary standards on energy saving for the integrated water service plants), Genova, 49th day of study organised by "Ingegneria Sanitaria Ambientale UNIBS", energy saving in water treatment plants, 2013, October.
- **"Due diligence al progetto di impianto a biomasse da 18.5 MW Biomass a Olevano (PV)"** (DD on a 18.5 biomass plant design in Olevano(PV)), seminar on biomass at "Casa dell'Energia A2A", Milan, 2010, January 29
- "Feasibility study for a **CHP plant using flue process gas in a steel plant** in Cherepovets (Russia)", annual conference on Breckenridge, Denver, Colorado, October 2009
- "La cogenerazione nella competizione per una generazione efficiente" (CHP in the competition for efficient power generation); Milano, seminar on energy efficiency 2007, May 30th
- "Interazione tra mercato elettrico e sistemi di generazione" (Interaction between electricity market and power generation systems) 2006, February, CESI
- **"Cogeneration of heat and power in the Republic of Serbia and Montenegro"**, Belgrade, 12-13 December, 2005
- "Seminario sulla Generazione Distribuita" (Seminar on distributed generation), Genova, Associazione Elettrotecnica Italiana, 2004, October
- "Seminario sulla Generazione Distribuita", Milano, Associazione Elettrotecnica Italiana, T&D working group, 2003, April
- Lecturer of the ASSOEGE position at the ENEAs Working Board meeting on Energy Monitoring Systems for Energy Audits, Milan 2016, December.
- Lecturer to the "master del Sole 24 ore su efficienza energetica: metodologie per l'audit energetico", 2009 November, Milan.
- Contribution on cogeneration and district heating in a seminar on Project Financing, Milano, il Sole 24 ore premises, 2006
- Energy managers updating course on cogeneration (technologies and feasibility studies) Enea, Bologna, 2005
- Teacher at the training courses for thermal plants operators, on heat transfer and thermodynamics, Enel School of Piacenza (two weeks full time module, kept in average 2 times each year from 1989 e il 1995)

Lectures in masters and courses

Personal data

I agree with the treatment of my personal data, according to : **Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali"** (Italian law).

ANNEXES

Please find as an annex:

This document does not contains annexes.

- A document, called "Statement of Qualification" containing, for each project performed, a one page form with related role and project summary description
- Moreover, the following docs available on demand:
- Contracts or Clients reference letters of the collaborations during the last 10 years
 - References of the certifications as EGE UNI 11339 (both Industrial and Civil)
 - Certificates on the main masters and courses attended

What declared in this CV is true, according to articles 46 e 47 of the D.P.R. 445/2000 of the Italian Law. Updated to 2023, April. Signed: