

PERSONAL INFORMATION

Eros TASSI

JOB APPLIED FOR	to whom it may concern
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WORK EXPERIENCE

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

Starting from my past experiences in the energy field and concerning energy 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)
 - Tecnical 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 & R&S 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, <i>Monza 12 June 2019.</i>
2019, June	Technologies and applications of electrical energy storage systems. State of the art, system sizing and future prospects ("Storage", <i>Order of Engineers of Monza 12 June 2019 Speakers: Ing. Michael Metzger Ing. Marco Pigni</i>)
2018, November	The internationalization of the engineer OPPORTUNITY IN GLOBAL SCENARIOS, <i>Monza, September 2018.</i>
2018, September	The dynamic hourly calculation introduced by the new UNI EN ISO 52016, <i>Monza September 2019.</i>
2017, June	"convegno mcTER su Cogenerazione" ("CHP", <i>held by mcTER, San Donato Milanese, Milan</i>)
2017, April	"convegno mcTER su Contabilizzazione calore" ("Heat metering", <i>held by mcTER, San Donato Milanese, Milan</i>)
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", <i>held by FIRE, Milan</i>)
2017, February	"Il trattamento dell'acqua negli impianti di fornitura calore" ("Water treatment on Heat Plants", <i>seminar held by Chillicemie, Monza</i>)
2016, November	"Innovazione e sostenibilità energetica negli impianti del petrolchimico" (<i>innovation and energy sustainability in petrochemical plants</i>), <i>Milan, by Mcter&eiom fiere</i>
2016, October	"Gli strumenti operativi per l'estimo industriale" (<i>operational tools & methodologies for the industrial estimation</i>), <i>Monza, by Ordine Ingegneri Monza e Brianza.</i>
2016, September	"la termoregolazione e contabilizzazione in condominio dopo le modifiche al dlgs 102/14" (<i>thermal control and heat accounting in centralised system after the updating of 102/14 decree</i>) <i>Monza, by Ordine Ingegneri Monza e Brianza.</i>
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. (<i>exhibition on CHP and related technologies</i>), <i>Milan, by EIOM fiere.</i>
2015, October	Il ruolo futuro dell'EGE secondo norme UNI 11339 (<i>the future role of the Expert in Energy Management according to 11339 stds</i>), <i>Monza, by Ordine Ingegneri Monza e Brianza.</i>
2015, September	Corso di Domotica, (<i>8 ore corso on line con verifica finale</i>) <i>tenuto da ing. Quaranta, Unione Professionisti con verifica finale.</i>
2015, September	La riqualificazione della Centrale termica, <i>tenuto da Caleffi presso Monza, by Ordine ingegneri Monza e Brianza.</i>
2015, April	EnOcean Technology, protocollo wireless std. Internazionale in ambito domotico e di building automation, <i>Monza, by Ordine ingegneri Monza e Brianza.</i>
2015, February	La valorizzazione della proprietà intellettuale, Brevetti, <i>Camera di Commercio, Monza</i>
2014, June	Oltre l'efficienza energetica: sostenibilità e qualità nella progettazione e nella riqualificazione degli edifici, <i>Monza, 4 hours, organised by ordine ingegneri Monza e Brianza.</i>

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

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

Communication skills	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Experience in Project Management Particularly, strong experience in managing agendas when an efficient time use is fundamental: organisation of the preliminary 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	<p>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 through 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.</p>
Computer skills	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 art analysis and ASSOEGE proposals for an optimal development"), 2017 October Coauthor (UNIBS Water group): "Il risparmio energetico nei sistemi di approvvigionamento idropotabile: captazione, trattamento e distribuzione" (<i>Energy consumption in drinking water supply systems: uptake, treatment, distribution</i>), book, Maggioli editore, 2013, December.
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- 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: